

# Versicherungsbarwerte für Leibrenten

Tabellen zur jährlich und monatlich vorschüssigen  
Zahlungsweise



**2007/2009**

Erscheinungsfolge: unregelmäßig  
Erschienen am 24.11.2010  
Artikelnummer: 5126201099004

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# **Erläuterungen zu den Kommutationszahlen und Versicherungsbarwerten für Leibrenten 2007/2009**

## 1 Einführung

Periodische Zahlungen (z.B. monatlich oder jährlich), die bis zum Lebensende des Empfängers erfolgen, werden als Leibrenten bezeichnet. Davon zu unterscheiden sind Zeitrenten, die eine periodische Zahlung über einen bestimmten Zeitraum garantieren und nicht an die Lebenserwartung des Empfängers gebunden sind. Als Kalkulationsgrundlage von Leibrenten dienen Versicherungsbarwerte, die auf Grundlage der Sterblichkeitsverhältnisse einer Bevölkerung erstellt werden. Gebräuchlich sind in diesem Zusammenhang auch die Begriffe „Kapitalisierungsfaktoren“ oder „Leibrentenbarwertfaktoren“.

Ausgangspunkt für die Berechnung von Versicherungsbarwerten für Leibrenten ist die Absterbeordnung einer Sterbetafel, die der Spalte „Überlebende im Alter x“  $l_x$  entspricht. Sie wird benötigt, um zunächst für einen Zinsfuß  $i$  so genannte Kommutationszahlen zu ermitteln (hier:  $D_x$  und  $N_x$ ), die dann für die Bestimmung der Versicherungsbarwerte eingesetzt werden. Ein gebräuchlicher Versicherungsbarwert ist der Barwert  $\ddot{a}_x$ , der dem Wert einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Wert „1“ für eine x-jährige Person entspricht.

Zu beachten ist, dass die hier veröffentlichten Versicherungsbarwerte auf den gegenwärtigen Sterblichkeitsverhältnissen der Sterbetafel 2007/2009 basieren und eine mögliche Veränderung der Lebenserwartung in den kommenden Jahren dabei nicht berücksichtigt wird.

Es gilt:

$x$  vollendetes Alter (zur Unterscheidung wird in den Tabellen das Alter des *Mannes* mit  $x$  bezeichnet, das der *Frau* mit  $y$ . Die Formeln gelten gleichermaßen für Männer und Frauen)  
Hinweis: In der Leibrentenberechnung ist das *versicherungsmathematische Alter* zu verwenden, d.h. das auf ganze Jahre auf- bzw. abgerundete Alter zum Berechnungstichtag

$l_x$  Überlebende im Alter  $x$  (Absterbeordnung)

$i$  Zinsfuß

$\omega$  höchstes in der Sterbetafel von den Überlebenden erreichbares Alter ( $l_\omega > 0, l_{\omega+1} = 0$ )  
(in 2007/2009: Männer 110 Jahre und Frauen 112 Jahre)

$$v^x = \frac{1}{(1+i)^x} \quad \text{Abzinsungsfaktor}$$

$$D_x = v^x \cdot l_x \quad \text{Diskontierte Zahl der Lebenden des Alters } x$$

$$N_x = D_x + D_{x+1} + \dots + D_\omega = \sum_{a=x}^{\omega} D_a \quad \text{Erste Summe der diskontierten Zahlen der Lebenden}$$

$${}^{(m)}k = \frac{m-1}{2m} + \frac{m^2-1}{6m^2} \cdot i \cdot \left(1 - \frac{i}{2}\right) \quad \text{Reduktionsfaktor für vorschüssige unterjährige Zahlungsweise (monatlich } m=12)$$

## 2 Formeln für gebräuchliche Versicherungsbarwerte

### 2.1 Sofort beginnende lebenslängliche Leibrente

$\ddot{a}_x = \frac{N_x}{D_x}$ 
*Vorschüssige Zahlung:*  
 Barwert der sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

$a_x = \frac{N_{x+1}}{D_x} = \ddot{a}_x - 1$ 
*Nachschüssige Zahlung:*  
 Barwert der sofort beginnenden und lebenslänglich, jährlich nachschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

${}^{(m)}\ddot{a}_x = \ddot{a}_x - {}^{(m)}k$ 
*Zahlung in unterjährigen vorschüssigen Raten:*  
 Barwert der sofort beginnenden und lebenslänglich in unterjährigen Raten von je „1/m“ vorschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

${}^{(m)}a_x = {}^{(m)}\ddot{a}_x - \frac{1}{m}$ 
*Zahlung in unterjährigen nachschüssigen Raten (näherungsweise):*  
 Barwert der sofort beginnenden und lebenslänglich in unterjährigen Raten von je „1/m“ nachschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

### 2.2 Aufgeschobene Leibrente

${}_n|\ddot{a}_x = \frac{N_{x+n}}{D_x} = \frac{D_{x+n}}{D_x} \cdot \ddot{a}_{x+n}$ 
*Vorschüssige bzw. nachschüssige Zahlung:*  
 Barwert der nach n Jahren beginnenden und lebenslänglich, jährlich vorschüssig bzw. nachschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

### 2.3 Temporäre Leibrente

$\ddot{a}_{x:\overline{n}|} = \frac{N_x - N_{x+n}}{D_x} = \ddot{a}_x - \frac{D_{x+n}}{D_x} \cdot \ddot{a}_{x+n}$ 
*Vorschüssige Zahlung:*  
 Barwert der sofort beginnenden und n Jahre dauernden jährlich vorschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

$$\ddot{a}_{x:\overline{n}|} = \ddot{a}_x - {}_n|\ddot{a}_x$$

$a_{x:\overline{n}|} = \frac{N_{x+1} - N_{x+n+1}}{D_x} = a_x - \frac{D_{x+n}}{D_x} \cdot a_{x+n}$ 
*Nachschüssige Zahlung:*  
 Barwert der sofort beginnenden und n Jahre dauernden jährlich nachschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

Für eine nicht jährlich vorschüssige Zahlungsweise ist bei der aufgeschobenen und temporären Leibrente statt  $\ddot{a}_x$ :  ${}^{(m)}\ddot{a}_x$  bzw.  $a_x$ :  ${}^{(m)}a_x$  usw. einzusetzen.



## 2.4 Aufgeschobene temporäre Leibrente

$${}_{m|n}\ddot{a}_x = \frac{N_{x+m} - N_{x+m+n}}{D_x}$$

*Vorschüssige Zahlung:*

Barwert der nach m Jahren beginnenden und n Jahre dauernden jährlich vorschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

$${}_{m|n}a_x = \frac{N_{x+m+1} - N_{x+m+n+1}}{D_x}$$

*Nachschüssige Zahlung:*

Barwert der nach m Jahren beginnenden und n Jahre dauernden jährlich nachschüssig zahlbaren Leibrente „1“ für eine x-jährige Person

## 3 Rechenbeispiele

Im Folgenden wird die Berechnung von Leibrenten anhand von Beispielen veranschaulicht. Zur Unterscheidung wird das Alter des Mannes mit x bezeichnet, das der Frau mit y. Für die Berechnungen ist das *versicherungsmathematische Alter* anzusetzen. Beträgt das Alter zum Berechnungstichtag x bzw. y Jahre und weniger als 6 Monate, dann wird das Alter auf das ganze Jahr abgerundet, ansonsten aufgerundet.

### 3.1 Jährlich vorschüssig zahlbare Leibrente

Ein Haus soll für 200 000 Euro verkauft werden. Die 70-jährige Eigentümerin möchte den Gegenwert als lebenslänglich, jährlich vorschüssig zahlbare Leibrente erhalten. Gefragt ist nach dem Betrag der Leibrente bei einer Verzinsung des Kaufpreises von 5%.

Der Barwert  $\ddot{a}_y$  einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 beträgt für 70-jährige Frauen bei einem Zinsfuß von 5% 11,179.

Es gilt:

$$\text{Rentenbetrag} = \frac{\text{Kaufpreis}}{\ddot{a}_y}$$

Demnach beläuft sich die jährlich vorschüssig zahlbare Leibrente auf 17 890,69 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{11,179} = 17\,890,69$$

### 3.2 Monatlich vorschüssig zahlbare Leibrente

Die 70-jährige Eigentümerin überlegt, in ein privates Seniorenheim zu ziehen, in dem sie jedoch monatlich für Unterkunft und Pflege aufzukommen hat. Aus diesem Grund möchte sie den Rentenbetrag nicht jährlich, sondern monatlich vorschüssig erhalten.

Der Barwert der sofort beginnenden und lebenslänglich, in unterjährigen (hier: monatlichen) Raten von je  $1/m$  (hier:  $1/12$ ) vorschüssig zahlbaren Leibrente vom Betrag 1 errechnet sich nach der Formel:

$${}^{(m)}\ddot{a}_y = \ddot{a}_y - {}^{(m)}k \quad \text{mit} \quad {}^{(m)}k = \frac{m-1}{2m} + \frac{m^2-1}{6m^2} \cdot i \cdot \left(1 - \frac{i}{2}\right) \quad (\text{bei } i=5\% \text{ und } m=12: {}^{(m)}k=0,4664)$$

Mit dem Barwert von 11,179 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen bei einem Zinsfuß von 5% ergibt sich:

$$\ddot{a}_{70}^{(12)} = 11,179 - 0,4664 = 10,713 \quad (\text{Anm.: Barwert aus der Tabelle ohne Rundungsdifferenz})$$

Wird wieder der Kaufpreis von 200 000 Euro zugrunde gelegt, dann beläuft sich die monatlich vorschüssig zahlbare Leibrente auf 1 555,74 Euro:

$$\text{Rentenbetrag} = \frac{\text{Kaufpreis}}{{}^{(m)}\ddot{a}_y \cdot m} = \frac{200\,000}{10,713 \cdot 12} = 1\,555,74$$

### 3.3 Aufgeschobene Leibrente

Da die 70-jährige Eigentümerin bis zum Alter von 75 Jahren noch genügend Einkünfte bezieht, möchte sie gerne wissen, wie hoch die jährlich vorschüssig zahlbare Leibrente ausfallen würde, wenn diese erst nach 5 Jahren beginnt.

Die Formel für den Barwert der nach  $n$  Jahren beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für eine  $y$ -jährige Frau lautet:

$${}_n|\ddot{a}_y = \frac{D_{y+n}}{D_y} \cdot \ddot{a}_{y+n} \quad \text{bzw.} \quad {}_n|\ddot{a}_y = \frac{N_{y+n}}{D_y}$$

Damit ergibt sich für eine 70-jährige Frau bei einer Verzinsung von 5% und einer nach  $n=5$  Jahren beginnenden Zahlung ein Barwert von 6,749:

$${}_5\ddot{a}_{70} = \frac{2\,075,109}{2\,863,413} \cdot 9,313 = 6,749$$

Folglich beträgt bei einem Kaufpreis von 200 000 Euro die um 5 Jahre aufgeschobene, jährlich vorschüssig zahlbare Leibrente 29 634,02 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{6,749} = 29\,634,02$$

### 3.4 Temporäre Leibrente

Bevor sich die 70-jährige Eigentümerin für einen Leibrentenvertrag entscheidet, möchte sie noch erfahren, welche Leibrente sie bei einer auf 20 Jahre begrenzten Laufzeit erhalten würde.

Der Barwert der sofort beginnenden und n Jahre dauernden, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für eine y-jährige Frau wird wie folgt berechnet:

$$\ddot{a}_{y:\overline{n}|} = \frac{N_y - N_{y+n}}{D_y} \quad \text{bzw.} \quad \ddot{a}_{y:\overline{n}|} = \ddot{a}_y - \frac{D_{y+n}}{D_y} \cdot \ddot{a}_{y+n}$$

Somit beträgt der Barwert für eine 70-jährige Frau bei einer Verzinsung von 5% und einer Laufzeit von 20 Jahren bei einer sofort beginnenden Zahlung:

$$\ddot{a}_{70:20} = \frac{32\,010,195 - 1\,469,661}{2\,863,413} = 10,666$$

Bei einem Kaufpreis von 200 000 Euro ergibt sich für die 70-jährige Eigentümerin eine jährlich vorschüssig zahlbare Leibrente von 18 751,17 Euro bis zum Alter von 90 Jahren:

$$\text{Rentenbetrag} = \frac{200\,000}{10,666} = 18\,751,17$$

### 3.5 Kaufpreis einer Leibrente

Die 70-jährige Eigentümerin würde gerne eine höhere Leibrente beziehen und überlegt, welchen Betrag sie dafür heute aufbringen muss. Um den Kaufpreis einer Leibrente zu berechnen, ist lediglich eine Umformung der Rentenbetragsformel notwendig:

$$\text{Kaufpreis} = \text{Rentenbetrag} \cdot \ddot{a}_y$$

Die 70-jährige Eigentümerin möchte eine jährlich vorschüssig zahlbare Leibrente von 24 000 Euro erhalten. Bei einem Kaufpreis von 200 000 Euro wären es derzeit jedoch nur 17 890,69 Euro (siehe 3.1). Mit dem Barwert von 11,179 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen (Verzinsung 5%) müsste sie also 268 296 Euro aufbringen.

$$\text{Kaufpreis} = 24\,000 \cdot 11,179 = 268\,296$$

Um eine monatlich vorschüssig zahlbare Leibrente von 2 000 Euro zu erhalten, wären hingegen 257 112 Euro notwendig:

$$\text{Kaufpreis} = \text{Rentenbetrag} \cdot {}^{(m)}\ddot{a}_y \cdot m$$

$$\text{Kaufpreis} = 2\,000 \cdot 10,713 \cdot 12 = 257\,112$$

### 3.6 Leibrente auf das Leben zweier Personen

Neben der Leibrente für eine einzelne Person kann eine Leibrente auch auf das Leben zweier Personen abgeschlossen werden. Hierbei muss es sich nicht zwangsläufig um ein Ehepaar handeln, sondern eine Leibrente kann auch für zwei Geschäftspartner abgeschlossen werden. Diese Art der Leibrente wird als Verbindungsrente oder als Leibrente auf verbundene Leben bezeichnet. Der häufigste Fall ist die Verbindungsrente für einen Mann und eine Frau bis zum Tod der letztversterbenden Person, d.h. eine *Verbindungsrente auf das längere Leben*. Diese Veröffentlichung enthält die *Barwerte für Verbindungsrenten auf das kürzere Leben*, mit denen die *Barwerte für Verbindungsrenten auf das längere Leben* berechnet werden können.

Für die Berechnung der Verbindungsrenten wird ergänzend folgende Symbolik verwendet:

$x$  Alter des Mannes

$y$  Alter der Frau

$l_{xy}$  Überlebende (kombinierte Absterbeordnung für Männer und Frauen)

$D_{xy} = v^x \cdot l_{xy}$  Diskontierte Zahl der Lebenden

$N_{xy} = D_{xy} + D_{xy+1} + \dots + D_{\omega} = \sum_{a=xy}^{\omega} D_a$  Erste Summe der diskontierten Zahlen der Lebenden

$\ddot{a}_{xy}$  Barwert der sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Verbindungsrente „1“ auf das *kürzere Leben*

$F_x$  Höhe des Übergangs der Leibrente an den Mann

$F_y$  Höhe des Übergangs der Leibrente an die Frau

$F_{xy} = (F_x + F_y) - 1$

Zur Bestimmung des Altersunterschiedes der beiden Personen ist immer zuerst das versicherungsmathematische Alter zu berechnen und dann erst die Differenz zu bilden.

Beispiel:

Ein Mann und eine Frau möchten zusammen eine monatlich vorschüssig zahlbare Leibrente von 2 000 Euro erhalten. Für den Todesfall eines Partners wird die folgende Regelung getroffen. Verstirbt der Mann zuerst, dann sollen 70% der Leibrente an die Frau weitergezahlt werden. Verstirbt die Frau zuerst, dann soll der Mann die volle Höhe der Leibrente weiter erhalten. Zum Berechnungszeitpunkt hat der Mann das versicherungsmathematische Alter von 55 Jahren und die Frau von 50 Jahren erreicht.

Die Höhe des *Übergangs* der Leibrente ist deswegen wie folgt festzusetzen:

$F_x = 1,000$  (also 100%)

$F_y = 0,700$  (also 70%)

$F_{xy} = (1,000 + 0,700) - 1 = 0,700$

Der Kaufpreis der monatlich vorschüssig zahlbaren Verbindungsrente auf das längere Leben errechnet sich nach folgender Formel:

$$\text{Kaufpreis} = \text{Rentenbetrag} \cdot m \cdot (F_x \cdot {}^{(12)}\ddot{a}_x + F_y \cdot {}^{(12)}\ddot{a}_y - F_{xy} \cdot {}^{(12)}\ddot{a}_{xy})$$

Hierbei wird der Faktor für die Leibrente des Mannes (Barwert multipliziert mit der Höhe des Übergangs) plus dem Faktor für die Leibrente der Frau abzüglich des Faktors für die *Verbindungsrente auf das kürzere Leben* mit dem Rentenbetrag und den Raten (hier: monatlich) multipliziert.

Bei einem Zinsfuß 5% ergibt sich ein Kaufpreis von 380 266 Euro:

$$380\,266 = 2\,000 \cdot 12 \cdot (1,000 \cdot 13,680 + 0,700 \cdot 15,992 - 0,700 \cdot 12,900)$$

Sollte jedoch eine jährlich vorschüssige Leibrentenzahlung von 24 000 Euro erfolgen, dann würde sich der Kaufpreis auf 391 433 Euro erhöhen:

$$391\,433 = 24\,000 \cdot (1,000 \cdot 14,146 + 0,700 \cdot 16,458 - 0,700 \cdot 13,367)$$

Der Mann hat durch seine frühzeitig verstorbene Großmutter ein Haus im Wert von 200 000 Euro geerbt, welches für die monatlich vorschüssige Leibrente eingesetzt werden soll. Wird die obige Formel nach dem Rentenbetrag umgeformt (siehe auch 3.1), dann ergibt sich für die beiden eine monatlich vorschüssig zahlbare Leibrente von 1 051,90 Euro. Jährlich vorschüssig würde die Leibrente 12 262,64 Euro betragen.

Anmerkung: Ein häufiger Anwendungsfall ist die Verbindungsrente, die bis zum Tod der letztversterbenden Person in *voller* Höhe weitergezahlt wird. Die Höhe des Übergangs der Leibrente nimmt somit für  $F_x$ ,  $F_y$  und  $F_{xy}$  den Wert 1 an, so dass die Berechnung sich vereinfacht:

$$\text{Kaufpreis} = \text{Rentenbetrag} \cdot m \cdot ({}^{(12)}\ddot{a}_x + {}^{(12)}\ddot{a}_y - {}^{(12)}\ddot{a}_{xy}) \text{ bei monatlich vorschüssiger Zahlungsweise}$$

$$\text{Kaufpreis} = \text{Rentenbetrag} \cdot (\ddot{a}_x + \ddot{a}_y - \ddot{a}_{xy}) \text{ bei jährlich vorschüssiger Zahlungsweise}$$

Beträgt der Übergang der Leibrente  $F_{xy} = 0$  (beispielsweise wenn die Partner im jeweiligen Todesfall 50% der Leibrente weiter erhalten würden oder der eine Partner 75% und der andere 25%), dann vereinfacht sich die Berechnung ebenfalls. In diesem Fall wäre die Berechnung dieselbe, als wenn beide Partner in Höhe des Übergangs eine eigene Leibrente erhalten würden.

Weitere Beispiele und rechtliche Hintergründe zu den Verbindungsrenten können der entsprechenden Fachliteratur entnommen werden (siehe Literaturhinweise).

## 4 Schlussbemerkung

Der Zusammenhang zwischen dem Alter bzw. der durchschnittlichen Lebenserwartung, dem Zinsfuß und dem Versicherungsbarwert lässt sich einfach zusammenfassen. Je höher das Alter (die fernere durchschnittliche Lebenserwartung sinkt also) und je höher der Zinsfuß ist, desto niedriger fällt der Versicherungsbarwert aus und desto höher ist die Leibrente, die sich aus dem eingesetzten Kapital ergibt. Weil Frauen eine höhere durchschnittliche Lebenserwartung als Männer haben, erhalten Frauen im gleichen Alter wie Männer eine niedrigere Leibrente.

Leibrenten sind ein Risikogeschäft - sowohl für den Empfänger als auch für den Anbieter. Für die Festlegung der verschiedenen Modalitäten einer Leibrente (z.B. Wertsicherungsklauseln oder Einbezug eines Wohnrechts) sollte ein(e) Sachverständige(r) herangezogen werden.

## 5 Anhang

### Reduktionsfaktor für vorschüssige monatliche Zahlungsweise

Zinsfuß $i$ (in %)	$^{(m)}k$	Zinsfuß $i$ (in %)	$^{(m)}k$
1,00	0,45998	6,50	0,46874
1,25	0,46039	6,75	0,46913
1,50	0,46080	7,00	0,46951
1,75	0,46120	7,25	0,46990
2,00	0,46161	7,50	0,47028
2,25	0,46202	7,75	0,47066
2,50	0,46242	8,00	0,47104
2,75	0,46282	8,25	0,47142
3,00	0,46322	8,50	0,47180
3,25	0,46362	8,75	0,47218
3,50	0,46402	9,00	0,47256
3,75	0,46442	9,25	0,47293
4,00	0,46482	9,50	0,47331
4,25	0,46522	9,75	0,47368
4,50	0,46561	10,00	0,47406
4,75	0,46601	10,25	0,47443
5,00	0,46640	10,50	0,47480
5,25	0,46679	10,75	0,47517
5,50	0,46719	11,00	0,47554
5,75	0,46758	11,25	0,47591
6,00	0,46797	11,50	0,47627
6,25	0,46835	11,75	0,47664
		12,00	0,47700

## 6 Literaturhinweise

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## **Sterbetafel 2007/2009**

Sterbetafel 2007/2009

Deutschland

Männlich<sup>1)</sup>

Vollendetes Alter	Sterbewahrscheinlichkeit vom Alter x bis x+1	Überlebenswahrscheinlichkeit	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x		Durchschnittliche Lebenserwartung im Alter x in Jahren
					bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende	
x	q <sub>x</sub>	p <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	e <sub>x</sub> l <sub>x</sub>	e <sub>x</sub>
0 .....	0,00406191	0,99593809	100 000	406	99 656	7 733 257	77,33
1 .....	0,00035593	0,99964407	99 594	35	99 576	7 633 600	76,65
2 .....	0,00019248	0,99980752	99 558	19	99 549	7 534 024	75,67
3 .....	0,00015099	0,99984901	99 539	15	99 532	7 434 476	74,69
4 .....	0,00014409	0,99985591	99 524	14	99 517	7 334 944	73,70
5 .....	0,00011571	0,99988429	99 510	12	99 504	7 235 427	72,71
6 .....	0,00010542	0,99989458	99 498	10	99 493	7 135 923	71,72
7 .....	0,00009671	0,99990329	99 488	10	99 483	7 036 430	70,73
8 .....	0,00009614	0,99990386	99 478	10	99 473	6 936 947	69,73
9 .....	0,00008584	0,99991416	99 469	9	99 464	6 837 473	68,74
10 .....	0,00008942	0,99991058	99 460	9	99 456	6 738 009	67,75
11 .....	0,00009723	0,99990277	99 451	10	99 446	6 638 553	66,75
12 .....	0,00010457	0,99989543	99 442	10	99 436	6 539 107	65,76
13 .....	0,00008755	0,99991245	99 431	9	99 427	6 439 671	64,77
14 .....	0,00016492	0,99983508	99 422	16	99 414	6 340 244	63,77
15 .....	0,00019974	0,99980026	99 406	20	99 396	6 240 830	62,78
16 .....	0,00029653	0,99970347	99 386	29	99 371	6 141 433	61,79
17 .....	0,00034145	0,99965855	99 357	34	99 340	6 042 062	60,81
18 .....	0,00055573	0,99944427	99 323	55	99 295	5 942 722	59,83
19 .....	0,00054531	0,99945469	99 268	54	99 241	5 843 427	58,87
20 .....	0,00059740	0,99940260	99 213	59	99 184	5 744 187	57,90
21 .....	0,00056392	0,99943608	99 154	56	99 126	5 645 003	56,93
22 .....	0,00056265	0,99943735	99 098	56	99 070	5 545 877	55,96
23 .....	0,00055075	0,99944925	99 043	55	99 015	5 446 806	54,99
24 .....	0,00057612	0,99942388	98 988	57	98 959	5 347 791	54,02
25 .....	0,00059266	0,99940734	98 931	59	98 902	5 248 831	53,06
26 .....	0,00061072	0,99938928	98 872	60	98 842	5 149 930	52,09
27 .....	0,00063293	0,99936707	98 812	63	98 781	5 051 088	51,12
28 .....	0,00061969	0,99938031	98 749	61	98 719	4 952 307	50,15
29 .....	0,00064335	0,99935665	98 688	63	98 656	4 853 588	49,18
30 .....	0,00066430	0,99933570	98 625	66	98 592	4 754 932	48,21
31 .....	0,00074123	0,99925877	98 559	73	98 523	4 656 340	47,24
32 .....	0,00074655	0,99925345	98 486	74	98 449	4 557 817	46,28
33 .....	0,00072625	0,99927375	98 413	71	98 377	4 459 368	45,31
34 .....	0,00080797	0,99919203	98 341	79	98 301	4 360 991	44,35
35 .....	0,00086551	0,99913449	98 262	85	98 219	4 262 690	43,38
36 .....	0,00091221	0,99908779	98 177	90	98 132	4 164 470	42,42
37 .....	0,00098766	0,99901234	98 087	97	98 039	4 066 339	41,46
38 .....	0,00107664	0,99892336	97 990	106	97 937	3 968 300	40,50
39 .....	0,00117386	0,99882614	97 885	115	97 827	3 870 363	39,54
40 .....	0,00136338	0,99863662	97 770	133	97 703	3 772 535	38,59
41 .....	0,00148540	0,99851460	97 636	145	97 564	3 674 832	37,64
42 .....	0,00161260	0,99838740	97 491	157	97 413	3 577 268	36,69
43 .....	0,00192310	0,99807690	97 334	187	97 241	3 479 855	35,75
44 .....	0,00212809	0,99787191	97 147	207	97 044	3 382 615	34,82
45 .....	0,00241053	0,99758947	96 940	234	96 823	3 285 571	33,89
46 .....	0,00275445	0,99724555	96 707	266	96 573	3 188 748	32,97
47 .....	0,00309329	0,99690671	96 440	298	96 291	3 092 174	32,06
48 .....	0,00353144	0,99646856	96 142	340	95 972	2 995 883	31,16
49 .....	0,00389535	0,99610465	95 802	373	95 616	2 899 911	30,27



Sterbetafel 2007/2009

Deutschland

Männlich<sup>\*)</sup>

Vollendetes Alter	Sterbewahrscheinlichkeit vom Alter x bis x+1	Überlebenswahrscheinlichkeit vom Alter x bis x+1	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x		Durchschnittliche Lebenserwartung im Alter x in Jahren
					bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende	
x	q <sub>x</sub>	p <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	e <sub>x</sub> l <sub>x</sub>	e <sub>x</sub>
50	0,00427192	0,99572808	95 429	408	95 225	2 804 295	29,39
51	0,00480102	0,99519898	95 022	456	94 793	2 709 070	28,51
52	0,00525956	0,99474044	94 565	497	94 317	2 614 276	27,65
53	0,00573736	0,99426264	94 068	540	93 798	2 519 959	26,79
54	0,00640813	0,99359187	93 528	599	93 229	2 426 161	25,94
55	0,00689851	0,99310149	92 929	641	92 608	2 332 933	25,10
56	0,00744914	0,99255086	92 288	687	91 944	2 240 324	24,28
57	0,00796443	0,99203557	91 600	730	91 236	2 148 380	23,45
58	0,00884252	0,99115748	90 871	804	90 469	2 057 144	22,64
59	0,00959726	0,99040274	90 067	864	89 635	1 966 675	21,84
60	0,01060311	0,98939689	89 203	946	88 730	1 877 040	21,04
61	0,01124215	0,98875785	88 257	992	87 761	1 788 310	20,26
62	0,01229402	0,98770598	87 265	1 073	86 729	1 700 549	19,49
63	0,01313363	0,98686637	86 192	1 132	85 626	1 613 820	18,72
64	0,01437270	0,98562730	85 060	1 223	84 449	1 528 194	17,97
65	0,01558631	0,98441369	83 838	1 307	83 184	1 443 746	17,22
66	0,01667030	0,98332970	82 531	1 376	81 843	1 360 561	16,49
67	0,01802782	0,98197218	81 155	1 463	80 423	1 278 718	15,76
68	0,01965234	0,98034766	79 692	1 566	78 909	1 198 295	15,04
69	0,02161717	0,97838283	78 126	1 689	77 281	1 119 386	14,33
70	0,02358892	0,97641108	76 437	1 803	75 535	1 042 105	13,63
71	0,02583374	0,97416626	74 634	1 928	73 670	966 569	12,95
72	0,02909119	0,97090881	72 706	2 115	71 648	892 899	12,28
73	0,03205816	0,96794184	70 591	2 263	69 459	821 251	11,63
74	0,03609507	0,96390493	68 328	2 466	67 095	751 792	11,00
75	0,03971938	0,96028062	65 861	2 616	64 553	684 697	10,40
76	0,04416219	0,95583781	63 245	2 793	61 849	620 144	9,81
77	0,04969792	0,95030208	60 452	3 004	58 950	558 295	9,24
78	0,05563519	0,94436481	57 448	3 196	55 850	499 345	8,69
79	0,06058343	0,93941657	54 252	3 287	52 609	443 495	8,17
80	0,06790411	0,93209589	50 965	3 461	49 235	390 886	7,67
81	0,07486475	0,92513525	47 504	3 556	45 726	341 652	7,19
82	0,08234153	0,91765847	43 948	3 619	42 139	295 925	6,73
83	0,09029578	0,90970422	40 329	3 642	38 508	253 787	6,29
84	0,10028014	0,89971986	36 688	3 679	34 848	215 278	5,87
85	0,11279794	0,88720206	33 009	3 723	31 147	180 430	5,47
86	0,12563070	0,87436930	29 285	3 679	27 446	149 283	5,10
87	0,14188072	0,85811928	25 606	3 633	23 790	121 837	4,76
88	0,15084206	0,84915794	21 973	3 314	20 316	98 048	4,46
89	0,16433669	0,83566331	18 659	3 066	17 126	77 732	4,17
90	0,16982333	0,83017667	15 592	2 648	14 268	60 606	3,89
91	0,19420850	0,80579150	12 944	2 514	11 687	46 338	3,58
92	0,21724041	0,78275959	10 431	2 266	9 298	34 650	3,32
93	0,23419430	0,76580570	8 165	1 912	7 209	25 353	3,11
94	0,25292036	0,74707964	6 252	1 581	5 462	18 144	2,90
95	0,27216752	0,72783248	4 671	1 271	4 035	12 682	2,72
96	0,29187132	0,70812868	3 400	992	2 904	8 647	2,54
97	0,31196717	0,68803283	2 407	751	2 032	5 743	2,39
98	0,33239072	0,66760928	1 656	551	1 381	3 711	2,24
99	0,35307819	0,64692181	1 106	390	911	2 330	2,11
100	0,37396669	0,62603331	715	268	582	1 420	1,98

\*) Ab dem Alter von 93 Jahren handelt es sich bei der Sterbewahrscheinlichkeit um geschätzte Werte.

Hinweis: Eine neue "Allgemeine Sterbetafel" wird jeweils nach Vorliegen der Ergebnisse einer Volkszählung berechnet. Zuletzt wurde die "Allgemeine Sterbetafel 1986/88" im Statistischen Jahrbuch 1991 und in Fachserie 1, Reihe 1. S.2 veröffentlicht.

Sterbetafel 2007/2009

Deutschland

Weiblich<sup>1)</sup>

Vollendetes Alter	Sterbewahrscheinlichkeit vom Alter x bis x+1	Überlebenswahrscheinlichkeit vom Alter x bis x+1	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x		Durchschnittliche Lebenserwartung im Alter x in Jahren
					bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende	
x	q <sub>x</sub>	p <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	e <sub>x</sub> l <sub>x</sub>	e <sub>x</sub>
0 .....	0,00319961	0,99680039	100 000	320	99 727	8 252 546	82,53
1 .....	0,00028433	0,99971567	99 680	28	99 666	8 152 819	81,79
2 .....	0,00016122	0,99983878	99 652	16	99 644	8 053 153	80,81
3 .....	0,00014339	0,99985661	99 636	14	99 628	7 953 509	79,83
4 .....	0,00011985	0,99988015	99 621	12	99 615	7 853 881	78,84
5 .....	0,00009046	0,99990954	99 609	9	99 605	7 754 265	77,85
6 .....	0,00008018	0,99991982	99 600	8	99 596	7 654 660	76,85
7 .....	0,00008354	0,99991646	99 592	8	99 588	7 555 064	75,86
8 .....	0,00006211	0,99993789	99 584	6	99 581	7 455 476	74,87
9 .....	0,00006348	0,99993652	99 578	6	99 575	7 355 895	73,87
10 .....	0,00008056	0,99991944	99 572	8	99 568	7 256 320	72,88
11 .....	0,00007942	0,99992058	99 564	8	99 560	7 156 753	71,88
12 .....	0,00007665	0,99992335	99 556	8	99 552	7 057 193	70,89
13 .....	0,00009837	0,99990163	99 548	10	99 543	6 957 641	69,89
14 .....	0,00012379	0,99987621	99 538	12	99 532	6 858 098	68,90
15 .....	0,00013556	0,99986444	99 526	13	99 519	6 758 566	67,91
16 .....	0,00016076	0,99983924	99 512	16	99 504	6 659 047	66,92
17 .....	0,00017554	0,99982446	99 496	17	99 488	6 559 542	65,93
18 .....	0,00021844	0,99978156	99 479	22	99 468	6 460 055	64,94
19 .....	0,00021505	0,99978495	99 457	21	99 447	6 360 587	63,95
20 .....	0,00021099	0,99978901	99 436	21	99 425	6 261 140	62,97
21 .....	0,00021615	0,99978385	99 415	21	99 404	6 161 715	61,98
22 .....	0,00022979	0,99977021	99 393	23	99 382	6 062 311	60,99
23 .....	0,00022746	0,99977254	99 371	23	99 359	5 962 929	60,01
24 .....	0,00022735	0,99977265	99 348	23	99 337	5 863 569	59,02
25 .....	0,00022284	0,99977716	99 325	22	99 314	5 764 233	58,03
26 .....	0,00026716	0,99973284	99 303	27	99 290	5 664 918	57,05
27 .....	0,00025813	0,99974187	99 277	26	99 264	5 565 629	56,06
28 .....	0,00025973	0,99974027	99 251	26	99 238	5 466 365	55,08
29 .....	0,00027736	0,99972264	99 225	28	99 212	5 367 127	54,09
30 .....	0,00027444	0,99972556	99 198	27	99 184	5 267 915	53,11
31 .....	0,00032602	0,99967398	99 171	32	99 154	5 168 731	52,12
32 .....	0,00034634	0,99965366	99 138	34	99 121	5 069 577	51,14
33 .....	0,00036179	0,99963821	99 104	36	99 086	4 970 456	50,15
34 .....	0,00040582	0,99959418	99 068	40	99 048	4 871 370	49,17
35 .....	0,00042616	0,99957384	99 028	42	99 007	4 772 322	48,19
36 .....	0,00046632	0,99953368	98 986	46	98 963	4 673 315	47,21
37 .....	0,00052670	0,99947330	98 939	52	98 913	4 574 352	46,23
38 .....	0,00058957	0,99941043	98 887	58	98 858	4 475 439	45,26
39 .....	0,00070326	0,99929674	98 829	70	98 794	4 376 581	44,28
40 .....	0,00071279	0,99928721	98 760	70	98 724	4 277 787	43,32
41 .....	0,00083098	0,99916902	98 689	82	98 648	4 179 062	42,35
42 .....	0,00094595	0,99905405	98 607	93	98 560	4 080 414	41,38
43 .....	0,00105555	0,99894445	98 514	104	98 462	3 981 854	40,42
44 .....	0,00113082	0,99886918	98 410	111	98 354	3 883 392	39,46
45 .....	0,00135256	0,99864744	98 299	133	98 232	3 785 038	38,51
46 .....	0,00155092	0,99844908	98 166	152	98 089	3 686 806	37,56
47 .....	0,00173542	0,99826458	98 013	170	97 928	3 588 716	36,61
48 .....	0,00185296	0,99814704	97 843	181	97 753	3 490 788	35,68
49 .....	0,00209207	0,99790793	97 662	204	97 560	3 393 035	34,74

**Sterbetafel 2007/2009**

Deutschland

Weiblich<sup>\*)</sup>

Vollendetes Alter	Sterbewahrscheinlichkeit vom Alter x bis x+1	Überlebenswahrscheinlichkeit	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x		Durchschnittliche Lebenserwartung im Alter x in Jahren
					bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende	
x	q <sub>x</sub>	p <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	e <sub>x</sub> l <sub>x</sub>	e <sub>x</sub>
50 .....	0,00233646	0,99766354	97 458	228	97 344	3 295 475	33,81
51 .....	0,00249079	0,99750921	97 230	242	97 109	3 198 132	32,89
52 .....	0,00277084	0,99722916	96 988	269	96 853	3 101 023	31,97
53 .....	0,00303919	0,99696081	96 719	294	96 572	3 004 169	31,06
54 .....	0,00318615	0,99681385	96 425	307	96 271	2 907 597	30,15
55 .....	0,00359754	0,99640246	96 118	346	95 945	2 811 326	29,25
56 .....	0,00379289	0,99620711	95 772	363	95 590	2 715 381	28,35
57 .....	0,00412628	0,99587372	95 409	394	95 212	2 619 790	27,46
58 .....	0,00455965	0,99544035	95 015	433	94 799	2 524 578	26,57
59 .....	0,00477835	0,99522165	94 582	452	94 356	2 429 780	25,69
60 .....	0,00546788	0,99453212	94 130	515	93 873	2 335 424	24,81
61 .....	0,00568547	0,99431453	93 615	532	93 349	2 241 551	23,94
62 .....	0,00627478	0,99372522	93 083	584	92 791	2 148 202	23,08
63 .....	0,00666863	0,99333137	92 499	617	92 191	2 055 411	22,22
64 .....	0,00719581	0,99280419	91 882	661	91 552	1 963 221	21,37
65 .....	0,00774243	0,99225757	91 221	706	90 868	1 871 669	20,52
66 .....	0,00821976	0,99178024	90 515	744	90 143	1 780 801	19,67
67 .....	0,00901963	0,99098037	89 771	810	89 366	1 690 659	18,83
68 .....	0,00979514	0,99020486	88 961	871	88 525	1 601 293	18,00
69 .....	0,01096766	0,98903234	88 090	966	87 607	1 512 768	17,17
70 .....	0,01194821	0,98805179	87 123	1 041	86 603	1 425 161	16,36
71 .....	0,01334300	0,98665700	86 082	1 149	85 508	1 338 558	15,55
72 .....	0,01547515	0,98452485	84 934	1 314	84 277	1 253 050	14,75
73 .....	0,01733541	0,98266459	83 620	1 450	82 895	1 168 773	13,98
74 .....	0,01932407	0,98067593	82 170	1 588	81 376	1 085 879	13,22
75 .....	0,02228117	0,97771883	80 582	1 795	79 684	1 004 503	12,47
76 .....	0,02534768	0,97465232	78 787	1 997	77 788	924 818	11,74
77 .....	0,02895428	0,97104572	76 790	2 223	75 678	847 030	11,03
78 .....	0,03325811	0,96674189	74 566	2 480	73 326	771 352	10,34
79 .....	0,03755064	0,96244936	72 086	2 707	70 733	698 026	9,68
80 .....	0,04337319	0,95662681	69 379	3 009	67 875	627 293	9,04
81 .....	0,04949578	0,95050422	66 370	3 285	64 728	559 419	8,43
82 .....	0,05686782	0,94313218	63 085	3 588	61 291	494 691	7,84
83 .....	0,06495909	0,93504091	59 498	3 865	57 565	433 400	7,28
84 .....	0,07398580	0,92601420	55 633	4 116	53 575	375 834	6,76
85 .....	0,08529542	0,91470458	51 517	4 394	49 320	322 260	6,26
86 .....	0,09664858	0,90335142	47 123	4 554	44 845	272 940	5,79
87 .....	0,11466154	0,88533846	42 568	4 881	40 128	228 095	5,36
88 .....	0,12546205	0,87453795	37 687	4 728	35 323	187 967	4,99
89 .....	0,13976875	0,86023125	32 959	4 607	30 656	152 644	4,63
90 .....	0,14819657	0,85180343	28 352	4 202	26 251	121 988	4,30
91 .....	0,17314421	0,82685579	24 151	4 182	22 060	95 737	3,96
92 .....	0,18898330	0,81101670	19 969	3 774	18 082	73 677	3,69
93 .....	0,20688293	0,79311707	16 195	3 351	14 520	55 595	3,43
94 .....	0,22539180	0,77460820	12 845	2 895	11 397	41 075	3,20
95 .....	0,24444833	0,75555167	9 950	2 432	8 734	29 678	2,98
96 .....	0,26399029	0,73600971	7 517	1 985	6 525	20 944	2,79
97 .....	0,28395518	0,71604482	5 533	1 571	4 747	14 419	2,61
98 .....	0,30428052	0,69571948	3 962	1 206	3 359	9 672	2,44
99 .....	0,32490420	0,67509580	2 756	896	2 309	6 313	2,29
100 .....	0,34576475	0,65423525	1 861	643	1 539	4 004	2,15

<sup>\*)</sup> Ab dem Alter von 92 Jahren handelt es sich bei der Sterbewahrscheinlichkeit um geschätzte Werte.

Hinweis: Eine neue "Allgemeine Sterbetafel" wird jeweils nach Vorliegen der Ergebnisse einer Volkszählung berechnet. Zuletzt wurde die "Allgemeine Sterbetafel 1986/88" im Statistischen Jahrbuch 1991 und in Fachserie 1, Reihe 1. S.2 veröffentlicht.

**Kommutationszahlen und Versicherungsbarwerte  
einer lebenslänglich, jährlich und monatlich  
vorschüssig zahlbaren Rente**

## Notation

$x$	Alter des Mannes
$y$	Alter der Frau
$l_x$ bzw. $l_y$	Lebende gemäß Sterbetafel
$D_x$ bzw. $D_y$	Diskontierte Zahl der Lebenden
$N_x$ bzw. $N_y$	Erste Summe der diskontierten Zahlen der Lebenden
$\ddot{a}_x$ bzw. $\ddot{a}_y$	Barwert der sofort beginnenden und lebenslänglich, <i>jährlich</i> vorschüssig zahlbaren Leibrente „1“ für einen x-jährigen Mann bzw. eine y-jährige Frau
$^{(12)}\ddot{a}_x$ bzw. $^{(12)}\ddot{a}_y$	Barwert der sofort beginnenden und lebenslänglich, <i>monatlich</i> vorschüssig zahlbaren Leibrente „1“ für einen x-jährigen Mann bzw. eine y-jährige Frau

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12) ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12) ä <sub>y</sub>
0	100 000	100 000,000	5 390 682,939	53,907	53,447	0	100 000	100 000,000	5 637 039,013	56,370	55,910
1	99 594	98 607,732	5 290 682,939	53,654	53,194	1	99 680	98 693,107	5 537 039,013	56,104	55,644
2	99 558	97 596,667	5 192 075,207	53,199	52,739	2	99 652	97 688,164	5 438 345,905	55,670	55,210
3	99 539	96 611,764	5 094 478,540	52,731	52,271	3	99 636	96 705,362	5 340 657,741	55,226	54,766
4	99 524	95 640,769	4 997 866,776	52,257	51,797	4	99 621	95 734,154	5 243 952,379	54,776	54,316
5	99 510	94 680,186	4 902 226,008	51,777	51,317	5	99 609	94 774,931	5 148 218,226	54,320	53,860
6	99 498	93 731,912	4 807 545,822	51,290	50,830	6	99 600	93 828,077	5 053 443,294	53,859	53,399
7	99 488	92 794,089	4 713 813,911	50,799	50,339	7	99 592	92 891,638	4 959 615,217	53,391	52,931
8	99 478	91 866,450	4 621 019,821	50,301	49,842	8	99 584	91 964,235	4 866 723,580	52,920	52,460
9	99 469	90 948,137	4 529 153,371	49,799	49,339	9	99 578	91 048,042	4 774 759,345	52,442	51,982
10	99 460	90 039,930	4 438 205,235	49,292	48,832	10	99 572	90 140,854	4 683 711,302	51,960	51,500
11	99 451	89 140,474	4 348 165,305	48,779	48,319	11	99 564	89 241,180	4 593 570,449	51,474	51,014
12	99 442	88 249,314	4 259 024,830	48,261	47,801	12	99 556	88 350,587	4 504 329,268	50,982	50,522
13	99 431	87 366,422	4 170 775,516	47,739	47,279	13	99 548	87 469,123	4 415 978,682	50,486	50,026
14	99 422	86 493,834	4 083 409,095	47,210	46,750	14	99 538	86 594,573	4 328 509,558	49,986	49,526
15	99 406	85 623,337	3 996 915,260	46,680	46,220	15	99 526	85 726,587	4 241 914,985	49,482	49,022
16	99 386	84 758,648	3 911 291,924	46,146	45,686	16	99 512	84 866,303	4 156 188,398	48,973	48,513
17	99 357	83 894,569	3 826 533,276	45,611	45,151	17	99 496	84 012,534	4 071 322,095	48,461	48,001
18	99 323	83 035,568	3 742 638,707	45,073	44,613	18	99 479	83 166,126	3 987 309,561	47,944	47,484
19	99 268	82 167,745	3 659 603,139	44,538	44,078	19	99 457	82 324,712	3 904 143,436	47,424	46,964
20	99 213	81 309,840	3 577 435,394	43,998	43,538	20	99 436	81 492,087	3 821 818,724	46,898	46,438
21	99 154	80 456,698	3 496 125,554	43,454	42,994	21	99 415	80 668,211	3 740 326,637	46,367	45,907
22	99 098	79 615,175	3 415 668,856	42,902	42,442	22	99 393	79 852,252	3 659 658,426	45,830	45,370
23	99 043	78 782,554	3 336 053,680	42,345	41,885	23	99 371	79 043,468	3 579 806,174	45,289	44,829
24	98 988	77 959,569	3 257 271,126	41,782	41,322	24	99 348	78 243,058	3 500 762,707	44,742	44,282
25	98 931	77 143,222	3 179 311,558	41,213	40,753	25	99 325	77 450,762	3 422 519,649	44,190	43,730
26	98 872	76 334,161	3 102 168,335	40,639	40,179	26	99 303	76 666,834	3 345 068,887	43,631	43,171
27	98 812	75 532,220	3 025 834,175	40,060	39,600	27	99 277	75 887,477	3 268 402,053	43,069	42,609
28	98 749	74 737,043	2 950 301,955	39,476	39,016	28	99 251	75 116,721	3 192 514,576	42,501	42,041
29	98 688	73 951,217	2 875 564,912	38,885	38,425	29	99 225	74 353,674	3 117 397,855	41,927	41,467
30	98 625	73 171,921	2 801 613,695	38,288	37,828	30	99 198	73 597,080	3 043 044,181	41,347	40,887
31	98 559	72 399,320	2 728 441,774	37,686	37,226	31	99 171	72 848,398	2 969 447,101	40,762	40,302
32	98 486	71 629,362	2 656 042,454	37,080	36,620	32	99 138	72 103,612	2 896 598,702	40,173	39,713
33	98 413	70 867,214	2 584 413,092	36,468	36,008	33	99 104	71 364,989	2 824 495,091	39,578	39,118
34	98 341	70 114,601	2 513 545,878	35,849	35,389	34	99 068	70 632,841	2 753 130,101	38,978	38,518
35	98 262	69 364,308	2 443 431,277	35,226	34,766	35	99 028	69 905,126	2 682 497,260	38,373	37,913
36	98 177	68 618,091	2 374 066,969	34,598	34,138	36	98 986	69 183,500	2 612 592,134	37,763	37,303
37	98 087	67 876,730	2 305 448,878	33,965	33,505	37	98 939	68 466,573	2 543 408,633	37,148	36,688
38	97 990	67 138,308	2 237 572,148	33,328	32,868	38	98 887	67 752,982	2 474 942,060	36,529	36,069
39	97 885	66 402,004	2 170 433,840	32,686	32,226	39	98 829	67 042,611	2 407 189,078	35,905	35,445
40	97 770	65 667,383	2 104 031,837	32,041	31,581	40	98 760	66 332,141	2 340 146,467	35,279	34,819
41	97 636	64 928,567	2 038 364,454	31,394	30,934	41	98 689	65 628,574	2 273 814,325	34,647	34,187
42	97 491	64 190,220	1 973 435,886	30,744	30,284	42	98 607	64 924,791	2 208 185,751	34,011	33,551
43	97 334	63 452,185	1 909 245,666	30,090	29,630	43	98 514	64 221,163	2 143 260,961	33,373	32,913
44	97 147	62 703,129	1 845 793,482	29,437	28,977	44	98 410	63 518,193	2 079 039,797	32,731	32,271
45	96 940	61 950,189	1 783 090,353	28,783	28,323	45	98 299	62 818,183	2 015 521,604	32,085	31,625
46	96 707	61 188,967	1 721 140,163	28,128	27,668	46	98 166	62 112,097	1 952 703,421	31,438	30,978
47	96 440	60 416,262	1 659 951,197	27,475	27,015	47	98 013	61 401,749	1 890 591,324	30,791	30,331
48	96 142	59 633,047	1 599 534,934	26,823	26,363	48	97 843	60 688,308	1 829 189,575	30,141	29,681
49	95 802	58 834,115	1 539 901,887	26,174	25,714	49	97 662	59 976,094	1 768 501,267	29,487	29,027

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	58 024,689	1 481 067,772	25,525	25,065	50	97 458	59 258,039	1 708 525,174	28,832	28,372
51	95 022	57 204,765	1 423 043,083	24,876	24,416	51	97 230	58 534,243	1 649 267,134	28,176	27,716
52	94 565	56 366,459	1 365 838,318	24,231	23,771	52	96 988	57 810,343	1 590 732,892	27,516	27,056
53	94 068	55 514,848	1 309 471,859	23,588	23,128	53	96 719	57 079,366	1 532 922,549	26,856	26,396
54	93 528	54 649,841	1 253 957,011	22,945	22,485	54	96 425	56 342,467	1 475 843,183	26,194	25,734
55	92 929	53 762,017	1 199 307,170	22,308	21,848	55	96 118	55 606,882	1 419 500,716	25,527	25,067
56	92 288	52 862,514	1 145 545,153	21,670	21,210	56	95 772	54 858,252	1 363 893,834	24,862	24,402
57	91 600	51 949,241	1 092 682,639	21,034	20,574	57	95 409	54 109,090	1 309 035,582	24,193	23,733
58	90 871	51 025,243	1 040 733,398	20,396	19,936	58	95 015	53 352,298	1 254 926,492	23,522	23,062
59	90 067	50 073,318	989 708,155	19,765	19,305	59	94 582	52 583,198	1 201 574,194	22,851	22,391
60	89 203	49 101,734	939 634,837	19,136	18,677	60	94 130	51 813,799	1 148 990,996	22,175	21,715
61	88 257	48 100,102	890 533,103	18,514	18,054	61	93 615	51 020,285	1 097 177,197	21,505	21,045
62	87 265	47 088,469	842 433,001	17,890	17,430	62	93 083	50 227,931	1 046 156,912	20,828	20,368
63	86 192	46 049,072	795 344,533	17,272	16,812	63	92 499	49 418,576	995 928,981	20,153	19,693
64	85 060	44 994,337	749 295,461	16,653	16,193	64	91 882	48 602,992	946 510,405	19,474	19,014
65	83 838	43 908,561	704 301,124	16,040	15,580	65	91 221	47 775,499	897 907,413	18,794	18,334
66	82 531	42 796,226	660 392,563	15,431	14,971	66	90 515	46 936,238	850 131,914	18,112	17,653
67	81 155	41 666,139	617 596,337	14,822	14,363	67	89 771	46 089,538	803 195,676	17,427	16,967
68	79 692	40 509,890	575 930,198	14,217	13,757	68	88 961	45 221,611	757 106,138	16,742	16,282
69	78 126	39 320,570	535 420,308	13,617	13,157	69	88 090	44 335,306	711 884,527	16,057	15,597
70	76 437	38 089,674	496 099,737	13,025	12,565	70	87 123	43 414,902	667 549,221	15,376	14,916
71	74 634	36 822,951	458 010,063	12,438	11,978	71	86 082	42 471,457	624 134,319	14,695	14,235
72	72 706	35 516,511	421 187,112	11,859	11,399	72	84 934	41 489,862	581 662,862	14,019	13,559
73	70 591	34 141,875	385 670,601	11,296	10,836	73	83 620	40 443,367	540 172,999	13,356	12,896
74	68 328	32 720,148	351 528,726	10,743	10,284	74	82 170	39 348,777	499 729,632	12,700	12,240
75	65 861	31 226,843	318 808,578	10,209	9,749	75	80 582	38 206,335	460 380,856	12,050	11,590
76	63 245	29 689,636	287 581,735	9,686	9,226	76	78 787	36 985,201	422 174,521	11,415	10,955
77	60 452	28 097,502	257 892,099	9,178	8,718	77	76 790	35 690,804	385 189,319	10,792	10,332
78	57 448	26 436,747	229 794,597	8,692	8,232	78	74 566	34 314,260	349 498,515	10,185	9,725
79	54 252	24 718,746	203 357,851	8,227	7,767	79	72 086	32 844,587	315 184,255	9,596	9,136
80	50 965	22 991,287	178 639,105	7,770	7,310	80	69 379	31 298,269	282 339,668	9,021	8,561
81	47 504	21 217,905	155 647,818	7,336	6,876	81	66 370	29 644,320	251 041,399	8,468	8,008
82	43 948	19 435,081	134 429,913	6,917	6,457	82	63 085	27 898,071	221 397,079	7,936	7,476
83	40 329	17 658,185	114 994,832	6,512	6,052	83	59 498	26 051,058	193 499,008	7,428	6,968
84	36 688	15 904,679	97 336,647	6,120	5,660	84	55 633	24 117,628	167 447,950	6,943	6,483
85	33 009	14 168,074	81 431,969	5,748	5,288	85	51 517	22 112,145	143 330,322	6,482	6,022
86	29 285	12 445,490	67 263,894	5,405	4,945	86	47 123	20 025,822	121 218,177	6,053	5,593
87	25 606	10 774,212	54 818,405	5,088	4,628	87	42 568	17 911,242	101 192,355	5,650	5,190
88	21 973	9 154,019	44 044,192	4,811	4,351	88	37 687	15 700,507	83 281,113	5,304	4,844
89	18 659	7 696,245	34 890,173	4,533	4,073	89	32 959	13 594,741	67 580,607	4,971	4,511
90	15 592	6 367,792	27 193,928	4,271	3,811	90	28 352	11 578,833	53 985,865	4,662	4,202
91	12 944	5 234,052	20 826,136	3,979	3,519	91	24 151	9 765,237	42 407,032	4,343	3,883
92	10 431	4 175,797	15 592,084	3,734	3,274	92	19 969	7 994,498	32 641,795	4,083	3,623
93	8 165	3 236,282	11 416,288	3,528	3,068	93	16 195	6 419,477	24 647,297	3,839	3,379
94	6 252	2 453,825	8 180,006	3,334	2,874	94	12 845	5 040,987	18 227,820	3,616	3,156
95	4 671	1 815,052	5 726,181	3,155	2,695	95	9 950	3 866,128	13 186,833	3,411	2,951
96	3 400	1 307,974	3 911,129	2,990	2,530	96	7 517	2 892,138	9 320,705	3,223	2,763
97	2 407	917,044	2 603,155	2,839	2,379	97	5 533	2 107,566	6 428,566	3,050	2,590
98	1 656	624,709	1 686,111	2,699	2,239	98	3 962	1 494,170	4 321,000	2,892	2,432
99	1 106	412,932	1 061,402	2,570	2,110	99	2 756	1 029,231	2 826,830	2,747	2,287
100	715	264,490	648,470	2,452	1,992	100	1 861	687,950	1 797,599	2,613	2,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	4 962 982,447	49,630	49,169	0	100 000	100 000,000	5 168 406,636	51,684	51,224
1	99 594	98 364,256	4 862 982,447	49,439	48,978	1	99 680	98 449,421	5 068 406,636	51,482	51,022
2	99 558	97 115,303	4 764 618,192	49,061	48,601	2	99 652	97 206,349	4 969 957,215	51,128	50,668
3	99 539	95 897,887	4 667 502,888	48,672	48,211	3	99 636	95 990,793	4 872 750,866	50,763	50,302
4	99 524	94 699,661	4 571 605,002	48,275	47,814	4	99 621	94 792,128	4 776 760,073	50,392	49,932
5	99 510	93 517,053	4 476 905,340	47,873	47,412	5	99 609	93 610,634	4 681 967,946	50,015	49,555
6	99 498	92 351,834	4 383 388,288	47,464	47,004	6	99 600	92 446,584	4 588 357,312	49,633	49,172
7	99 488	91 202,072	4 291 036,454	47,050	46,589	7	99 592	91 297,947	4 495 910,728	49,244	48,784
8	99 478	90 067,409	4 199 834,381	46,630	46,170	8	99 584	90 163,279	4 404 612,781	48,852	48,391
9	99 469	88 946,914	4 109 766,972	46,205	45,744	9	99 578	89 044,621	4 314 449,502	48,453	47,992
10	99 460	87 841,262	4 020 820,059	45,774	45,313	10	99 572	87 939,722	4 225 404,881	48,049	47,588
11	99 451	86 749,045	3 932 978,797	45,337	44,877	11	99 564	86 847,049	4 137 465,159	47,641	47,180
12	99 442	85 669,738	3 846 229,752	44,896	44,436	12	99 556	85 768,051	4 050 618,110	47,228	46,767
13	99 431	84 603,240	3 760 560,013	44,449	43,989	13	99 548	84 702,693	3 964 850,059	46,809	46,349
14	99 422	83 551,439	3 675 956,774	43,996	43,536	14	99 538	83 648,751	3 880 147,366	46,386	45,926
15	99 406	82 506,331	3 592 405,334	43,541	43,081	15	99 526	82 605,823	3 796 498,615	45,959	45,499
16	99 386	81 471,458	3 509 899,003	43,081	42,621	16	99 512	81 574,938	3 713 892,792	45,527	45,067
17	99 357	80 441,778	3 428 427,545	42,620	42,160	17	99 496	80 554,888	3 632 317,854	45,091	44,631
18	99 323	79 421,542	3 347 985,767	42,155	41,694	18	99 479	79 546,417	3 551 762,966	44,650	44,190
19	99 268	78 397,437	3 268 564,225	41,692	41,232	19	99 457	78 547,201	3 472 216,549	44,205	43,745
20	99 213	77 387,344	3 190 166,788	41,223	40,763	20	99 436	77 560,799	3 393 669,347	43,755	43,295
21	99 154	76 386,285	3 112 779,444	40,751	40,290	21	99 415	76 587,096	3 316 108,548	43,299	42,838
22	99 098	75 400,700	3 036 393,159	40,270	39,810	22	99 393	75 625,227	3 239 521,452	42,837	42,376
23	99 043	74 427,926	2 960 992,459	39,783	39,323	23	99 371	74 674,418	3 163 896,225	42,369	41,909
24	98 988	73 468,578	2 886 564,533	39,290	38,829	24	99 348	73 735,736	3 089 221,807	41,896	41,435
25	98 931	72 519,754	2 813 095,955	38,791	38,330	25	99 325	72 808,862	3 015 486,070	41,416	40,956
26	98 872	71 581,999	2 740 576,201	38,286	37,825	26	99 303	71 893,962	2 942 677,209	40,931	40,470
27	98 812	70 655,094	2 668 994,201	37,775	37,315	27	99 277	70 987,412	2 870 783,246	40,441	39,980
28	98 749	69 738,642	2 598 339,107	37,258	36,798	28	99 251	70 092,927	2 799 795,834	39,944	39,484
29	98 688	68 834,988	2 528 600,466	36,734	36,274	29	99 225	69 209,601	2 729 702,907	39,441	38,981
30	98 625	67 941,435	2 459 765,478	36,204	35,744	30	99 198	68 336,203	2 660 493,306	38,932	38,472
31	98 559	67 058,075	2 391 824,043	35,668	35,208	31	99 171	67 474,023	2 592 157,103	38,417	37,957
32	98 486	66 181,106	2 324 765,968	35,127	34,667	32	99 138	66 619,284	2 524 683,080	37,897	37,437
33	98 413	65 315,258	2 258 584,861	34,580	34,119	33	99 104	65 774,035	2 458 063,796	37,371	36,911
34	98 341	64 462,047	2 193 269,604	34,024	33,564	34	99 068	64 938,507	2 392 289,761	36,839	36,379
35	98 262	63 614,779	2 128 807,557	33,464	33,004	35	99 028	64 110,769	2 327 351,253	36,302	35,842
36	98 177	62 775,032	2 065 192,778	32,898	32,438	36	98 986	63 292,295	2 263 240,484	35,759	35,298
37	98 087	61 943,474	2 002 417,746	32,327	31,866	37	98 939	62 481,758	2 199 948,189	35,209	34,749
38	97 990	61 118,316	1 940 474,272	31,749	31,289	38	98 887	61 677,876	2 137 466,431	34,655	34,195
39	97 885	60 298,779	1 879 355,955	31,167	30,707	39	98 829	60 880,506	2 075 788,555	34,096	33,636
40	97 770	59 484,441	1 819 057,176	30,580	30,120	40	98 760	60 086,609	2 014 908,049	33,533	33,073
41	97 636	58 669,966	1 759 572,736	29,991	29,531	41	98 689	59 302,498	1 954 821,440	32,964	32,503
42	97 491	57 859,573	1 700 902,769	29,397	28,937	42	98 607	58 521,698	1 895 518,942	32,390	31,930
43	97 334	57 053,105	1 643 043,196	28,798	28,338	43	98 514	57 744,533	1 836 997,245	31,812	31,352
44	97 147	56 240,381	1 585 990,092	28,200	27,740	44	98 410	56 971,438	1 779 252,712	31,231	30,770
45	96 940	55 427,849	1 529 749,710	27,599	27,139	45	98 299	56 204,457	1 722 281,275	30,643	30,183
46	96 707	54 611,593	1 474 321,862	26,996	26,536	46	98 166	55 435,493	1 666 076,817	30,054	29,594
47	96 440	53 788,808	1 419 710,268	26,394	25,934	47	98 013	54 666,190	1 610 641,324	29,463	29,003
48	96 142	52 960,419	1 365 921,460	25,791	25,331	48	97 843	53 897,602	1 555 975,134	28,869	28,409
49	95 802	52 121,869	1 312 961,041	25,190	24,730	49	97 662	53 133,562	1 502 077,532	28,270	27,809



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	51 277,863	1 260 839,172	24,588	24,128	50	97 458	52 367,805	1 448 943,970	27,669	27,208
51	95 022	50 428,453	1 209 561,309	23,986	23,525	51	97 230	51 600,444	1 396 576,165	27,065	26,605
52	94 565	49 566,760	1 159 132,856	23,385	22,925	52	96 988	50 836,463	1 344 975,721	26,457	25,997
53	94 068	48 697,344	1 109 566,096	22,785	22,325	53	96 719	50 069,732	1 294 139,258	25,847	25,386
54	93 528	47 820,197	1 060 868,753	22,185	21,724	54	96 425	49 301,294	1 244 069,527	25,234	24,774
55	92 929	46 927,169	1 013 048,555	21,588	21,127	55	96 118	48 537,494	1 194 768,232	24,615	24,155
56	92 288	46 028,091	966 121,386	20,990	20,529	56	95 772	47 765,806	1 146 230,738	23,997	23,536
57	91 600	45 121,206	920 093,295	20,392	19,931	57	95 409	46 997,171	1 098 464,932	23,373	22,913
58	90 871	44 209,226	874 972,089	19,792	19,331	58	95 015	46 225,430	1 051 467,761	22,747	22,286
59	90 067	43 277,338	830 762,864	19,196	18,736	59	94 582	45 446,576	1 005 242,331	22,119	21,659
60	89 203	42 332,834	787 485,526	18,602	18,142	60	94 130	44 671,028	959 795,755	21,486	21,025
61	88 257	41 366,888	745 152,692	18,013	17,553	61	93 615	43 878,294	915 124,727	20,856	20,396
62	87 265	40 396,874	703 785,803	17,422	16,961	62	93 083	43 090,198	871 246,433	20,219	19,759
63	86 192	39 407,639	663 388,929	16,834	16,374	63	92 499	42 291,177	828 156,235	19,582	19,122
64	85 060	38 409,950	623 981,290	16,245	15,785	64	91 882	41 490,521	785 865,059	18,941	18,480
65	83 838	37 390,513	585 571,340	15,661	15,201	65	91 221	40 683,420	744 374,538	18,297	17,836
66	82 531	36 353,317	548 180,827	15,079	14,619	66	90 515	39 870,056	703 691,118	17,650	17,189
67	81 155	35 305,971	511 827,510	14,497	14,037	67	89 771	39 054,156	663 821,062	16,997	16,537
68	79 692	34 241,463	476 521,539	13,917	13,456	68	88 961	38 224,101	624 766,906	16,345	15,884
69	78 126	33 154,112	442 280,076	13,340	12,880	69	88 090	37 382,410	586 542,805	15,690	15,230
70	76 437	32 036,952	409 125,964	12,770	12,310	70	87 123	36 515,963	549 160,395	15,039	14,579
71	74 634	30 895,047	377 089,012	12,205	11,745	71	86 082	35 634,235	512 644,432	14,386	13,926
72	72 706	29 725,346	346 193,964	11,646	11,186	72	84 934	34 724,709	477 010,197	13,737	13,277
73	70 591	28 504,296	316 468,619	11,102	10,642	73	83 620	33 765,273	442 285,488	13,099	12,638
74	68 328	27 249,878	287 964,322	10,568	10,107	74	82 170	32 770,309	408 520,215	12,466	12,006
75	65 861	25 942,016	260 714,445	10,050	9,590	75	80 582	31 740,300	375 749,906	11,838	11,378
76	63 245	24 604,065	234 772,428	9,542	9,082	76	78 787	30 649,964	344 009,607	11,224	10,763
77	60 452	23 227,156	210 168,364	9,048	8,588	77	76 790	29 504,256	313 359,643	10,621	10,160
78	57 448	21 800,311	186 941,208	8,575	8,115	78	74 566	28 296,278	283 855,387	10,032	9,571
79	54 252	20 333,280	165 140,898	8,122	7,661	79	72 086	27 017,478	255 559,109	9,459	8,999
80	50 965	18 865,600	144 807,617	7,676	7,215	80	69 379	25 681,931	228 541,631	8,899	8,439
81	47 504	17 367,455	125 942,017	7,252	6,791	81	66 370	24 264,715	202 859,700	8,360	7,900
82	43 948	15 868,884	108 574,562	6,842	6,382	82	63 085	22 778,976	178 594,986	7,840	7,380
83	40 329	14 382,435	92 705,678	6,446	5,985	83	59 498	21 218,356	155 816,009	7,343	6,883
84	36 688	12 922,234	78 323,242	6,061	5,601	84	55 633	19 595,093	134 597,653	6,869	6,409
85	33 009	11 482,855	65 401,008	5,696	5,235	85	51 517	17 921,317	115 002,560	6,417	5,957
86	29 285	10 061,840	53 918,153	5,359	4,898	86	47 123	16 190,332	97 081,243	5,996	5,536
87	25 606	8 689,149	43 856,313	5,047	4,587	87	42 568	14 444,997	80 890,911	5,600	5,140
88	21 973	7 364,273	35 167,163	4,775	4,315	88	37 687	12 630,826	66 445,914	5,261	4,800
89	18 659	6 176,228	27 802,890	4,502	4,041	89	32 959	10 909,765	53 815,088	4,933	4,472
90	15 592	5 097,528	21 626,662	4,243	3,782	90	28 352	9 269,057	42 905,324	4,629	4,168
91	12 944	4 179,604	16 529,134	3,955	3,494	91	24 151	7 797,941	33 636,266	4,313	3,853
92	10 431	3 326,310	12 349,530	3,713	3,252	92	19 969	6 368,170	25 838,326	4,057	3,597
93	8 165	2 571,557	9 023,219	3,509	3,048	93	16 195	5 100,931	19 470,156	3,817	3,357
94	6 252	1 945,000	6 451,662	3,317	2,857	94	12 845	3 995,689	14 369,225	3,596	3,136
95	4 671	1 435,131	4 506,662	3,140	2,680	95	9 950	3 056,883	10 373,536	3,394	2,933
96	3 400	1 031,640	3 071,531	2,977	2,517	96	7 517	2 281,119	7 316,653	3,207	2,747
97	2 407	721,515	2 039,891	2,827	2,367	97	5 533	1 658,198	5 035,535	3,037	2,576
98	1 656	490,297	1 318,377	2,689	2,229	98	3 962	1 172,686	3 377,337	2,880	2,420
99	1 106	323,286	828,080	2,561	2,101	99	2 756	805,788	2 204,651	2,736	2,276
100	715	206,559	504,794	2,444	1,983	100	1 861	537,268	1 398,863	2,604	2,143

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12)ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12)ä <sub>y</sub>
0	100 000	100 000,000	4 585 030,243	45,850	45,390	0	100 000	100 000,000	4 756 667,082	47,567	47,106
1	99 594	98 121,979	4 485 030,243	45,709	45,248	1	99 680	98 206,934	4 656 667,082	47,417	46,956
2	99 558	96 637,492	4 386 908,264	45,396	44,935	2	99 652	96 728,090	4 558 460,147	47,127	46,666
3	99 539	95 191,026	4 290 270,772	45,070	44,609	3	99 636	95 283,247	4 461 732,058	46,826	46,365
4	99 524	93 770,101	4 195 079,747	44,738	44,277	4	99 621	93 861,660	4 366 448,811	46,520	46,059
5	99 510	92 371,024	4 101 309,646	44,400	43,940	5	99 609	92 463,459	4 272 587,151	46,208	45,748
6	99 498	90 995,405	4 008 938,622	44,056	43,596	6	99 600	91 088,763	4 180 123,692	45,891	45,430
7	99 488	89 641,194	3 917 943,216	43,707	43,246	7	99 592	89 735,428	4 089 034,929	45,568	45,107
8	99 478	88 307,906	3 828 302,022	43,352	42,891	8	99 584	88 401,903	3 999 299,501	45,240	44,779
9	99 469	86 994,499	3 739 994,116	42,991	42,530	9	99 578	87 090,061	3 910 897,598	44,906	44,446
10	99 460	85 701,508	3 652 999,618	42,625	42,164	10	99 572	85 797,569	3 823 807,536	44,568	44,107
11	99 451	84 427,433	3 567 298,110	42,253	41,792	11	99 564	84 522,815	3 738 009,967	44,225	43,764
12	99 442	83 171,650	3 482 870,676	41,876	41,415	12	99 556	83 267,096	3 653 487,152	43,877	43,416
13	99 431	81 933,944	3 399 699,026	41,493	41,032	13	99 548	82 030,259	3 570 220,057	43,523	43,062
14	99 422	80 716,030	3 317 765,083	41,104	40,643	14	99 538	80 810,039	3 488 189,798	43,165	42,705
15	99 406	79 510,067	3 237 049,053	40,712	40,252	15	99 526	79 605,946	3 407 379,759	42,803	42,342
16	99 386	78 319,395	3 157 538,986	40,316	39,855	16	99 512	78 418,871	3 327 773,813	42,436	41,975
17	99 357	77 139,085	3 079 219,591	39,918	39,457	17	99 496	77 247,551	3 249 354,942	42,064	41,603
18	99 323	75 973,149	3 002 080,506	39,515	39,054	18	99 479	76 092,602	3 172 107,390	41,687	41,227
19	99 268	74 808,796	2 926 107,356	39,114	38,654	19	99 457	74 951,705	3 096 014,788	41,307	40,846
20	99 213	73 663,056	2 851 298,560	38,707	38,247	20	99 436	73 828,164	3 021 063,082	40,920	40,459
21	99 154	72 531,084	2 777 635,504	38,296	37,835	21	99 415	72 721,761	2 947 234,918	40,528	40,067
22	99 098	71 418,899	2 705 104,419	37,877	37,416	22	99 393	71 631,569	2 874 513,157	40,129	39,668
23	99 043	70 323,857	2 633 685,520	37,451	36,990	23	99 371	70 556,757	2 802 881,589	39,725	39,264
24	98 988	69 246,429	2 563 361,664	37,018	36,557	24	99 348	69 498,235	2 732 324,832	39,315	38,854
25	98 931	68 183,779	2 494 115,234	36,579	36,119	25	99 325	68 455,600	2 662 826,597	38,899	38,438
26	98 872	67 136,324	2 425 931,456	36,134	35,674	26	99 303	67 428,912	2 594 370,997	38,476	38,015
27	98 812	66 103,766	2 358 795,132	35,683	35,222	27	99 277	66 414,677	2 526 942,086	38,048	37,587
28	98 749	65 085,642	2 292 691,366	35,226	34,765	28	99 251	65 416,289	2 460 527,408	37,613	37,153
29	98 688	64 084,048	2 227 605,724	34,761	34,300	29	99 225	64 432,806	2 395 111,119	37,172	36,711
30	98 625	63 096,374	2 163 521,676	34,289	33,828	30	99 198	63 462,990	2 330 678,313	36,725	36,264
31	98 559	62 122,620	2 100 425,302	33,811	33,350	31	99 171	62 507,954	2 267 215,323	36,271	35,810
32	98 486	61 159,185	2 038 302,682	33,328	32,867	32	99 138	61 564,113	2 204 707,369	35,812	35,351
33	98 413	60 210,371	1 977 143,497	32,837	32,376	33	99 104	60 633,292	2 143 143,255	35,346	34,885
34	98 341	59 277,481	1 916 933,126	32,338	31,878	34	99 068	59 715,621	2 082 509,964	34,874	34,413
35	98 262	58 354,273	1 857 655,645	31,834	31,373	35	99 028	58 809,248	2 022 794,343	34,396	33,935
36	98 177	57 442,134	1 799 301,372	31,324	30,863	36	98 986	57 915,454	1 963 985,095	33,911	33,450
37	98 087	56 541,611	1 741 859,238	30,807	30,346	37	98 939	57 032,953	1 906 069,641	33,420	32,960
38	97 990	55 651,002	1 685 317,627	30,284	29,823	38	98 887	56 160,506	1 849 036,688	32,924	32,463
39	97 885	54 769,543	1 629 666,625	29,755	29,294	39	98 829	55 297,927	1 792 876,181	32,422	31,961
40	97 770	53 896,799	1 574 897,083	29,221	28,760	40	98 760	54 442,402	1 737 578,254	31,916	31,455
41	97 636	53 027,898	1 521 000,284	28,683	28,222	41	98 689	53 599,602	1 683 135,852	31,402	30,941
42	97 491	52 166,631	1 467 972,386	28,140	27,679	42	98 607	52 763,608	1 629 536,251	30,884	30,423
43	97 334	51 312,814	1 415 805,755	27,592	27,131	43	98 514	51 934,676	1 576 772,643	30,361	29,900
44	97 147	50 457,276	1 364 492,941	27,043	26,582	44	98 410	51 113,159	1 524 837,967	29,833	29,372
45	96 940	49 605,811	1 314 035,665	26,490	26,029	45	98 299	50 300,846	1 473 724,808	29,298	28,837
46	96 707	48 754,911	1 264 429,853	25,934	25,474	46	98 166	49 490,454	1 423 423,962	28,762	28,301
47	96 440	47 902,087	1 215 674,942	25,378	24,918	47	98 013	48 683,447	1 373 933,508	28,222	27,761
48	96 142	47 048,189	1 167 772,855	24,821	24,360	48	97 843	47 880,750	1 325 250,061	27,678	27,217
49	95 802	46 189,204	1 120 724,666	24,264	23,803	49	97 662	47 085,742	1 277 369,311	27,129	26,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	45 329,340	1 074 535,462	23,705	23,244	50	97 458	46 292,843	1 230 283,568	26,576	26,115
51	95 022	44 468,667	1 029 206,122	23,145	22,684	51	97 230	45 502,149	1 183 990,725	26,021	25,560
52	94 565	43 601,155	984 737,454	22,585	22,124	52	96 988	44 718,043	1 138 488,576	25,459	24,998
53	94 068	42 730,869	941 136,300	22,025	21,564	53	96 719	43 935,110	1 093 770,533	24,895	24,434
54	93 528	41 857,839	898 405,431	21,463	21,002	54	96 425	43 154,269	1 049 835,424	24,327	23,867
55	92 929	40 974,984	856 547,592	20,904	20,443	55	96 118	42 381,057	1 006 681,155	23,753	23,292
56	92 288	40 090,953	815 572,608	20,343	19,882	56	95 772	41 604,522	964 300,099	23,178	22,717
57	91 600	39 204,246	775 481,655	19,781	19,320	57	95 409	40 834,207	922 695,577	22,596	22,135
58	90 871	38 317,248	736 277,409	19,215	18,755	58	95 015	40 064,743	881 861,370	22,011	21,550
59	90 067	37 417,169	697 960,161	18,653	18,193	59	94 582	39 292,671	841 796,628	21,424	20,963
60	89 203	36 510,411	660 542,992	18,092	17,631	60	94 130	38 527,012	802 503,956	20,830	20,369
61	88 257	35 589,445	624 032,581	17,534	17,073	61	93 615	37 750,100	763 976,944	20,238	19,777
62	87 265	34 669,304	588 443,135	16,973	16,512	62	93 083	36 980,761	726 226,845	19,638	19,177
63	86 192	33 737,024	553 773,831	16,414	15,954	63	92 499	36 205,631	689 246,083	19,037	18,576
64	85 060	32 801,906	520 036,808	15,854	15,393	64	91 882	35 432,698	653 040,453	18,430	17,970
65	83 838	31 852,664	487 234,902	15,297	14,836	65	91 221	34 657,863	617 607,755	17,820	17,359
66	82 531	30 892,806	455 382,239	14,741	14,280	66	90 515	33 881,307	582 949,892	17,206	16,745
67	81 155	29 928,880	424 489,433	14,183	13,722	67	89 771	33 106,218	549 068,585	16,585	16,124
68	79 692	28 955,003	394 560,553	13,627	13,166	68	88 961	32 322,770	515 962,367	15,963	15,502
69	78 126	27 966,472	365 605,550	13,073	12,612	69	88 090	31 533,167	483 639,597	15,337	14,877
70	76 437	26 957,553	337 639,078	12,525	12,064	70	87 123	30 726,425	452 106,430	14,714	14,253
71	74 634	25 932,664	310 681,525	11,980	11,520	71	86 082	29 910,640	421 380,005	14,088	13,627
72	72 706	24 889,385	284 748,861	11,441	10,980	72	84 934	29 075,411	391 469,365	13,464	13,003
73	70 591	23 808,200	259 859,476	10,915	10,454	73	83 620	28 202,428	362 393,954	12,850	12,389
74	68 328	22 704,387	236 051,276	10,397	9,936	74	82 170	27 303,968	334 191,526	12,240	11,779
75	65 861	21 561,449	213 346,888	9,895	9,434	75	80 582	26 380,635	306 887,558	11,633	11,172
76	63 245	20 399,056	191 785,439	9,402	8,941	76	78 787	25 411,669	280 506,923	11,039	10,578
77	60 452	19 210,038	171 386,383	8,922	8,461	77	76 790	24 401,519	255 095,254	10,454	9,993
78	57 448	17 985,556	152 176,344	8,461	8,000	78	74 566	23 344,818	230 693,735	9,882	9,421
79	54 252	16 733,918	134 190,788	8,019	7,558	79	72 086	22 234,890	207 348,917	9,325	8,865
80	50 965	15 487,802	117 456,871	7,584	7,123	80	69 379	21 083,701	185 114,026	8,780	8,319
81	47 504	14 222,775	101 969,068	7,169	6,709	81	66 370	19 871,166	164 030,325	8,255	7,794
82	43 948	12 963,538	87 746,293	6,769	6,308	82	63 085	18 608,499	144 159,160	7,747	7,286
83	40 329	11 720,296	74 782,755	6,381	5,920	83	59 498	17 290,911	125 550,660	7,261	6,800
84	36 688	10 504,436	63 062,459	6,003	5,543	84	55 633	15 928,778	108 259,749	6,796	6,336
85	33 009	9 311,379	52 558,023	5,644	5,184	85	51 517	14 532,290	92 330,971	6,354	5,893
86	29 285	8 138,990	43 246,644	5,314	4,853	86	47 123	13 096,307	77 798,682	5,941	5,480
87	25 606	7 011,313	35 107,654	5,007	4,546	87	42 568	11 655,732	64 702,374	5,551	5,090
88	21 973	5 927,629	28 096,341	4,740	4,279	88	37 687	10 166,766	53 046,642	5,218	4,757
89	18 659	4 959,106	22 168,712	4,470	4,010	89	32 959	8 759,826	42 879,876	4,895	4,434
90	15 592	4 082,900	17 209,606	4,215	3,754	90	28 352	7 424,114	34 120,050	4,596	4,135
91	12 944	3 339,437	13 126,706	3,931	3,470	91	24 151	6 230,429	26 695,936	4,285	3,824
92	10 431	2 651,123	9 787,270	3,692	3,231	92	19 969	5 075,534	20 465,507	4,032	3,571
93	8 165	2 044,524	7 136,147	3,490	3,030	93	16 195	4 055,510	15 389,974	3,795	3,334
94	6 252	1 542,569	5 091,623	3,301	2,840	94	12 845	3 168,960	11 334,464	3,577	3,116
95	4 671	1 135,391	3 549,054	3,126	2,665	95	9 950	2 418,426	8 165,504	3,376	2,916
96	3 400	814,162	2 413,663	2,965	2,504	96	7 517	1 800,242	5 747,078	3,192	2,732
97	2 407	568,011	1 599,500	2,816	2,355	97	5 533	1 305,414	3 946,836	3,023	2,563
98	1 656	385,035	1 031,489	2,679	2,218	98	3 962	920,921	2 641,422	2,868	2,407
99	1 106	253,254	646,454	2,553	2,092	99	2 756	631,234	1 720,500	2,726	2,265
100	715	161,414	393,200	2,436	1,975	100	1 861	419,846	1 089,266	2,594	2,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	4 250 019,141	42,500	42,039	0	100 000	100 000,000	4 393 723,441	43,937	43,476
1	99 594	97 880,893	4 150 019,141	42,399	41,937	1	99 680	97 965,640	4 293 723,441	43,829	43,368
2	99 558	96 163,198	4 052 138,248	42,138	41,677	2	99 652	96 253,351	4 195 757,801	43,591	43,130
3	99 539	94 491,094	3 955 975,050	41,866	41,405	3	99 636	94 582,638	4 099 504,450	43,343	42,882
4	99 524	92 851,919	3 861 483,955	41,588	41,126	4	99 621	92 942,581	4 004 921,812	43,090	42,629
5	99 510	91 241,808	3 768 632,037	41,304	40,843	5	99 609	91 333,112	3 911 979,231	42,832	42,371
6	99 498	89 662,163	3 677 390,229	41,014	40,553	6	99 600	89 754,153	3 820 646,119	42,568	42,107
7	99 488	88 110,771	3 587 728,067	40,718	40,257	7	99 592	88 203,397	3 730 891,967	42,299	41,838
8	99 478	86 586,978	3 499 617,295	40,417	39,956	8	99 584	86 679,143	3 642 688,570	42,025	41,564
9	99 469	85 089,586	3 413 030,317	40,111	39,650	9	99 578	85 183,056	3 556 009,427	41,746	41,284
10	99 460	83 618,950	3 327 940,732	39,799	39,338	10	99 572	83 712,676	3 470 826,371	41,461	41,000
11	99 451	82 173,438	3 244 321,782	39,481	39,020	11	99 564	82 266,273	3 387 113,695	41,173	40,711
12	99 442	80 752,283	3 162 148,345	39,159	38,697	12	99 556	80 844,952	3 304 847,422	40,879	40,418
13	99 431	79 355,124	3 081 396,062	38,830	38,369	13	99 548	79 448,408	3 224 002,470	40,580	40,119
14	99 422	77 983,466	3 002 040,938	38,496	38,035	14	99 538	78 074,292	3 144 554,062	40,276	39,815
15	99 406	76 629,587	2 924 057,472	38,158	37,697	15	99 526	76 721,992	3 066 479,769	39,969	39,508
16	99 386	75 296,591	2 847 427,885	37,816	37,355	16	99 512	75 392,228	2 989 757,777	39,656	39,195
17	99 357	73 979,620	2 772 131,294	37,472	37,010	17	99 496	74 083,644	2 914 365,549	39,339	38,878
18	99 323	72 682,418	2 698 151,674	37,122	36,661	18	99 479	72 796,697	2 840 281,905	39,017	38,555
19	99 268	71 392,655	2 625 469,256	36,775	36,314	19	99 457	71 529,037	2 767 485,208	38,690	38,229
20	99 213	70 126,509	2 554 076,601	36,421	35,960	20	99 436	70 283,690	2 695 956,170	38,358	37,897
21	99 154	68 879,230	2 483 950,092	36,062	35,601	21	99 415	69 060,306	2 625 672,480	38,020	37,559
22	99 098	67 656,400	2 415 070,862	35,696	35,235	22	99 393	67 857,866	2 556 612,174	37,676	37,215
23	99 043	66 455,364	2 347 414,462	35,323	34,862	23	99 371	66 675,452	2 488 754,308	37,326	36,865
24	98 988	65 276,426	2 280 959,098	34,943	34,482	24	99 348	65 513,795	2 422 078,856	36,971	36,509
25	98 931	64 116,776	2 215 682,672	34,557	34,096	25	99 325	64 372,384	2 356 565,061	36,608	36,147
26	98 872	62 976,684	2 151 565,897	34,164	33,703	26	99 303	63 251,144	2 292 192,677	36,240	35,778
27	98 812	61 855,747	2 088 589,213	33,765	33,304	27	99 277	62 146,679	2 228 941,534	35,866	35,405
28	98 749	60 753,412	2 026 733,465	33,360	32,899	28	99 251	61 062,051	2 166 794,855	35,485	35,024
29	98 688	59 671,512	1 965 980,053	32,947	32,486	29	99 225	59 996,256	2 105 732,804	35,098	34,637
30	98 625	58 607,491	1 906 308,541	32,527	32,065	30	99 198	58 948,025	2 045 736,548	34,704	34,243
31	98 559	57 561,237	1 847 701,049	32,100	31,639	31	99 171	57 918,278	1 986 788,522	34,303	33,842
32	98 486	56 529,308	1 790 139,812	31,667	31,206	32	99 138	56 903,582	1 928 870,244	33,897	33,436
33	98 413	55 515,583	1 733 610,504	31,227	30,766	33	99 104	55 905,527	1 871 966,662	33,484	33,023
34	98 341	54 521,145	1 678 094,921	30,779	30,318	34	99 068	54 924,129	1 816 061,135	33,065	32,604
35	98 262	53 540,141	1 623 573,776	30,324	29,863	35	99 028	53 957,582	1 761 137,006	32,639	32,178
36	98 177	52 573,761	1 570 033,635	29,863	29,402	36	98 986	53 006,966	1 707 179,424	32,207	31,745
37	98 087	51 622,410	1 517 459,874	29,395	28,934	37	98 939	52 071,005	1 654 172,458	31,768	31,306
38	97 990	50 684,447	1 465 837,463	28,921	28,460	38	98 887	51 148,481	1 602 101,453	31,323	30,861
39	97 885	49 759,094	1 415 153,016	28,440	27,979	39	98 829	50 239,140	1 550 952,972	30,871	30,410
40	97 770	48 845,881	1 365 393,923	27,953	27,492	40	98 760	49 340,353	1 500 713,832	30,416	29,954
41	97 636	47 940,329	1 316 548,042	27,462	27,001	41	98 689	48 457,183	1 451 373,479	29,952	29,490
42	97 491	47 045,817	1 268 607,713	26,965	26,504	42	98 607	47 584,193	1 402 916,296	29,483	29,022
43	97 334	46 162,113	1 221 561,896	26,462	26,001	43	98 514	46 721,553	1 355 332,104	29,009	28,548
44	97 147	45 280,923	1 175 399,783	25,958	25,497	44	98 410	45 869,520	1 308 610,550	28,529	28,068
45	96 940	44 407,431	1 130 118,860	25,449	24,988	45	98 299	45 029,631	1 262 741,031	28,042	27,581
46	96 707	43 538,463	1 085 711,428	24,937	24,476	46	98 166	44 195,308	1 217 711,400	27,553	27,092
47	96 440	42 671,782	1 042 172,966	24,423	23,962	47	98 013	43 367,827	1 173 516,092	27,060	26,598
48	96 142	41 808,143	999 501,184	23,907	23,446	48	97 843	42 547,977	1 130 148,265	26,562	26,101
49	95 802	40 943,981	957 693,040	23,390	22,929	49	97 662	41 738,709	1 087 600,288	26,057	25,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 1,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	40 083,037	916 749,059	22,871	22,410	50	97 458	40 935,026	1 045 861,579	25,549	25,088
51	95 022	39 225,362	876 666,022	22,349	21,888	51	97 230	40 136,986	1 004 926,553	25,037	24,576
52	94 565	38 365,641	837 440,661	21,828	21,367	52	96 988	39 348,416	964 789,567	24,519	24,058
53	94 068	37 507,474	799 075,020	21,304	20,843	53	96 719	38 564,509	925 441,151	23,997	23,536
54	93 528	36 650,889	761 567,546	20,779	20,318	54	96 425	37 786,048	886 876,642	23,471	23,010
55	92 929	35 789,706	724 916,656	20,255	19,794	55	96 118	37 017,844	849 090,594	22,937	22,476
56	92 288	34 931,509	689 126,951	19,728	19,267	56	95 772	36 250,291	812 072,750	22,402	21,941
57	91 600	34 074,987	654 195,442	19,199	18,737	57	95 409	35 491,693	775 822,459	21,859	21,398
58	90 871	33 222,210	620 120,455	18,666	18,205	58	95 015	34 737,341	740 330,767	21,312	20,851
59	90 067	32 362,105	586 898,245	18,135	17,674	59	94 582	33 984,227	705 593,426	20,762	20,301
60	89 203	31 500,263	554 536,140	17,604	17,143	60	94 130	33 240,136	671 609,199	20,205	19,744
61	88 257	30 630,233	523 035,877	17,076	16,615	61	93 615	32 489,811	638 369,063	19,648	19,187
62	87 265	29 764,996	492 405,643	16,543	16,082	62	93 083	31 749,476	605 879,252	19,083	18,622
63	86 192	28 893,430	462 640,647	16,012	15,551	63	92 499	31 007,621	574 129,776	18,516	18,055
64	85 060	28 023,542	433 747,217	15,478	15,017	64	91 882	30 271,098	543 122,155	17,942	17,481
65	83 838	27 145,718	405 723,675	14,946	14,485	65	91 221	29 536,387	512 851,057	17,363	16,902
66	82 531	26 263,014	378 577,956	14,415	13,954	66	90 515	28 803,639	483 314,670	16,780	16,318
67	81 155	25 381,033	352 314,943	13,881	13,420	67	89 771	28 075,558	454 511,031	16,189	15,728
68	79 692	24 494,810	326 933,909	13,347	12,886	68	88 961	27 343,810	426 435,473	15,595	15,134
69	78 126	23 600,422	302 439,100	12,815	12,354	69	88 090	26 610,294	399 091,663	14,998	14,536
70	76 437	22 693,118	278 838,678	12,287	11,826	70	87 123	25 865,790	372 481,369	14,401	13,939
71	74 634	21 776,719	256 145,560	11,762	11,301	71	86 082	25 117,189	346 615,579	13,800	13,339
72	72 706	20 849,283	234 368,840	11,241	10,780	72	84 934	24 355,823	321 498,391	13,200	12,739
73	70 591	19 894,597	213 519,558	10,733	10,271	73	83 620	23 566,500	297 142,567	12,609	12,147
74	68 328	18 925,615	193 624,961	10,231	9,770	74	82 170	22 759,671	273 576,067	12,020	11,559
75	65 861	17 928,740	174 699,346	9,744	9,283	75	80 582	21 935,981	250 816,397	11,434	10,973
76	63 245	16 920,513	156 770,606	9,265	8,804	76	78 787	21 078,351	228 880,415	10,859	10,397
77	60 452	15 895,102	139 850,093	8,798	8,337	77	76 790	20 190,726	207 802,064	10,292	9,831
78	57 448	14 845,354	123 954,991	8,350	7,889	78	74 566	19 268,912	187 611,338	9,736	9,275
79	54 252	13 778,310	109 109,637	7,919	7,458	79	72 086	18 307,680	168 342,426	9,195	8,734
80	50 965	12 720,956	95 331,327	7,494	7,033	80	69 379	17 317,165	150 034,746	8,664	8,203
81	47 504	11 653,219	82 610,371	7,089	6,628	81	66 370	16 281,144	132 717,581	8,152	7,690
82	43 948	10 595,385	70 957,152	6,697	6,236	82	63 085	15 209,136	116 436,437	7,656	7,194
83	40 329	9 555,720	60 361,767	6,317	5,856	83	59 498	14 097,519	101 227,300	7,181	6,719
84	36 688	8 543,369	50 806,047	5,947	5,486	84	55 633	12 955,044	87 129,781	6,726	6,264
85	33 009	7 554,437	42 262,678	5,594	5,133	85	51 517	11 790,226	74 174,737	6,291	5,830
86	29 285	6 587,038	34 708,241	5,269	4,808	86	47 123	10 599,089	62 384,511	5,886	5,425
87	25 606	5 660,446	28 121,203	4,968	4,507	87	42 568	9 410,027	51 785,422	5,503	5,042
88	21 973	4 773,797	22 460,756	4,705	4,244	88	37 687	8 187,773	42 375,395	5,175	4,714
89	18 659	3 983,988	17 686,959	4,440	3,978	89	32 959	7 037,364	34 187,622	4,858	4,397
90	15 592	3 272,012	13 702,972	4,188	3,727	90	28 352	5 949,642	27 150,258	4,563	4,102
91	12 944	2 669,630	10 430,960	3,907	3,446	91	24 151	4 980,762	21 200,616	4,257	3,795
92	10 431	2 114,167	7 761,330	3,671	3,210	92	19 969	4 047,540	16 219,854	4,007	3,546
93	8 165	1 626,422	5 647,163	3,472	3,011	93	16 195	3 226,165	12 172,314	3,773	3,312
94	6 252	1 224,101	4 020,741	3,285	2,823	94	12 845	2 514,719	8 946,149	3,558	3,096
95	4 671	898,773	2 796,640	3,112	2,650	95	9 950	1 914,419	6 431,431	3,359	2,898
96	3 400	642,905	1 897,867	2,952	2,491	96	7 517	1 421,565	4 517,011	3,177	2,716
97	2 407	447,430	1 254,962	2,805	2,344	97	5 533	1 028,291	3 095,446	3,010	2,549
98	1 656	302,552	807,532	2,669	2,208	98	3 962	723,639	2 067,155	2,857	2,395
99	1 106	198,512	504,981	2,544	2,083	99	2 756	494,791	1 343,517	2,715	2,254
100	715	126,213	306,468	2,428	1,967	100	1 861	328,286	848,726	2,585	2,124

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	3 952 167,738	39,522	39,060	0	100 000	100 000,000	4 072 743,752	40,727	40,266
1	99 594	97 640,989	3 852 167,738	39,452	38,991	1	99 680	97 725,528	3 972 743,752	40,652	40,190
2	99 558	95 692,388	3 754 526,749	39,235	38,774	2	99 652	95 782,099	3 875 018,224	40,457	39,995
3	99 539	93 798,008	3 658 834,361	39,008	38,546	3	99 636	93 888,880	3 779 236,125	40,252	39,791
4	99 524	91 944,947	3 565 036,353	38,774	38,312	4	99 621	92 034,723	3 685 347,245	40,043	39,581
5	99 510	90 129,116	3 473 091,406	38,535	38,073	5	99 609	90 219,307	3 593 312,521	39,829	39,367
6	99 498	88 351,654	3 382 962,290	38,290	37,828	6	99 600	88 442,300	3 503 093,214	39,609	39,147
7	99 488	86 610,137	3 294 610,636	38,040	37,578	7	99 592	86 701,185	3 414 650,914	39,384	38,923
8	99 478	84 903,687	3 208 000,498	37,784	37,322	8	99 584	84 994,061	3 327 949,729	39,155	38,693
9	99 469	83 230,906	3 123 096,811	37,523	37,062	9	99 578	83 322,335	3 242 955,668	38,921	38,459
10	99 460	81 591,923	3 039 865,905	37,257	36,795	10	99 572	81 683,378	3 159 633,334	38,681	38,220
11	99 451	79 984,929	2 958 273,982	36,985	36,524	11	99 564	80 075,291	3 077 949,956	38,438	37,977
12	99 442	78 408,972	2 878 289,053	36,709	36,247	12	99 556	78 498,953	2 997 874,665	38,190	37,728
13	99 431	76 863,503	2 799 880,081	36,427	35,965	13	99 548	76 953,858	2 919 375,712	37,937	37,475
14	99 422	75 349,778	2 723 016,577	36,138	35,677	14	99 538	75 437,537	2 842 421,854	37,679	37,218
15	99 406	73 860,149	2 647 666,799	35,847	35,385	15	99 526	73 949,214	2 766 984,316	37,417	36,956
16	99 386	72 397,447	2 573 806,650	35,551	35,089	16	99 512	72 489,402	2 693 035,102	37,151	36,689
17	99 357	70 956,843	2 501 409,203	35,253	34,791	17	99 496	71 056,616	2 620 545,700	36,880	36,418
18	99 323	69 541,779	2 430 452,361	34,950	34,488	18	99 479	69 651,120	2 549 489,084	36,604	36,142
19	99 268	68 140,326	2 360 910,582	34,648	34,186	19	99 457	68 270,496	2 479 837,964	36,324	35,862
20	99 213	66 767,812	2 292 770,256	34,339	33,878	20	99 436	66 917,465	2 411 567,468	36,038	35,576
21	99 154	65 419,534	2 226 002,444	34,027	33,565	21	99 415	65 591,516	2 344 650,003	35,746	35,285
22	99 098	64 100,630	2 160 582,909	33,706	33,244	22	99 393	64 291,508	2 279 058,488	35,449	34,987
23	99 043	62 808,396	2 096 482,279	33,379	32,917	23	99 371	63 016,406	2 214 766,980	35,146	34,684
24	98 988	61 542,945	2 033 673,883	33,045	32,583	24	99 348	61 766,738	2 151 750,574	34,837	34,375
25	98 931	60 301,460	1 972 130,938	32,705	32,243	25	99 325	60 541,858	2 089 983,836	34,521	34,060
26	98 872	59 084,041	1 911 829,478	32,358	31,896	26	99 303	59 341,536	2 029 441,978	34,199	33,738
27	98 812	57 890,154	1 852 745,437	32,005	31,543	27	99 277	58 162,434	1 970 100,442	33,872	33,411
28	98 749	56 719,131	1 794 855,283	31,645	31,183	28	99 251	57 007,275	1 911 938,008	33,538	33,077
29	98 688	55 572,532	1 738 136,152	31,277	30,815	29	99 225	55 874,968	1 854 930,734	33,198	32,736
30	98 625	54 447,823	1 682 563,621	30,902	30,441	30	99 198	54 764,187	1 799 055,766	32,851	32,389
31	98 559	53 344,758	1 628 115,798	30,521	30,059	31	99 171	53 675,645	1 744 291,578	32,497	32,035
32	98 486	52 260,017	1 574 771,040	30,133	29,672	32	99 138	52 606,025	1 690 615,934	32,137	31,676
33	98 413	51 197,061	1 522 511,023	29,738	29,277	33	99 104	51 556,671	1 638 009,909	31,771	31,309
34	98 341	50 156,744	1 471 313,962	29,334	28,873	34	99 068	50 527,469	1 586 453,238	31,398	30,936
35	98 262	49 133,548	1 421 157,218	28,924	28,463	35	99 028	49 516,632	1 535 925,768	31,018	30,557
36	98 177	48 128,453	1 372 023,670	28,508	28,046	36	98 986	48 525,029	1 486 409,137	30,632	30,170
37	98 087	47 141,716	1 323 895,217	28,083	27,622	37	98 939	47 551,374	1 437 884,108	30,239	29,777
38	97 990	46 171,721	1 276 753,501	27,652	27,191	38	98 887	46 594,440	1 390 332,734	29,839	29,377
39	97 885	45 217,658	1 230 581,779	27,215	26,753	39	98 829	45 653,891	1 343 738,294	29,433	28,972
40	97 770	44 278,998	1 185 364,122	26,770	26,309	40	98 760	44 727,240	1 298 084,403	29,022	28,561
41	97 636	43 351,597	1 141 085,123	26,322	25,860	41	98 689	43 818,979	1 253 357,163	28,603	28,141
42	97 491	42 438,434	1 097 733,526	25,866	25,405	42	98 607	42 924,085	1 209 538,184	28,179	27,717
43	97 334	41 539,213	1 055 295,092	25,405	24,943	43	98 514	42 042,628	1 166 614,100	27,748	27,287
44	97 147	40 646,401	1 013 755,879	24,941	24,479	44	98 410	41 174,755	1 124 571,472	27,312	26,851
45	96 940	39 764,610	973 109,477	24,472	24,010	45	98 299	40 321,758	1 083 396,717	26,869	26,407
46	96 707	38 890,938	933 344,867	23,999	23,537	46	98 166	39 477,667	1 043 074,958	26,422	25,960
47	96 440	38 023,347	894 453,930	23,524	23,062	47	98 013	38 643,569	1 003 597,291	25,971	25,509
48	96 142	37 162,481	856 430,582	23,046	22,584	48	97 843	37 820,105	964 953,722	25,514	25,053
49	95 802	36 305,141	819 268,101	22,566	22,105	49	97 662	37 009,829	927 133,617	25,051	24,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	35 454,627	782 962,960	22,084	21,622	50	97 458	36 208,237	890 123,788	24,583	24,122
51	95 022	34 610,949	747 508,333	21,597	21,136	51	97 230	35 415,331	853 915,551	24,111	23,650
52	94 565	33 769,393	712 897,384	21,111	20,649	52	96 988	34 634,430	818 500,220	23,633	23,171
53	94 068	32 933,119	679 127,991	20,621	20,160	53	96 719	33 861,239	783 865,790	23,149	22,688
54	93 528	32 102,127	646 194,872	20,129	19,668	54	96 425	33 096,401	750 004,550	22,661	22,200
55	92 929	31 270,993	614 092,745	19,638	19,176	55	96 118	32 344,069	716 908,150	22,165	21,703
56	92 288	30 446,342	582 821,752	19,143	18,681	56	95 772	31 595,794	684 564,080	21,666	21,205
57	91 600	29 627,003	552 375,410	18,644	18,183	57	95 409	30 858,779	652 968,286	21,160	20,698
58	90 871	28 814,746	522 748,407	18,142	17,680	58	95 015	30 128,870	622 109,507	20,648	20,187
59	90 067	27 999,952	493 933,661	17,641	17,179	59	94 582	29 403,425	591 980,637	20,133	19,671
60	89 203	27 187,480	465 933,709	17,138	16,676	60	94 130	28 689,142	562 577,212	19,609	19,148
61	88 257	26 371,772	438 746,229	16,637	16,175	61	93 615	27 972,817	533 888,070	19,086	18,624
62	87 265	25 564,017	412 374,456	16,131	15,669	62	93 083	27 268,410	505 915,253	18,553	18,092
63	86 192	24 754,639	386 810,440	15,626	15,164	63	92 499	26 565,987	478 646,843	18,017	17,556
64	85 060	23 950,511	362 055,800	15,117	14,655	64	91 882	25 871,400	452 080,856	17,474	17,013
65	83 838	23 143,409	338 105,289	14,609	14,148	65	91 221	25 181,602	426 209,456	16,925	16,464
66	82 531	22 335,969	314 961,880	14,101	13,639	66	90 515	24 496,701	401 027,854	16,371	15,909
67	81 155	21 532,963	292 625,910	13,590	13,128	67	89 771	23 818,965	376 531,152	15,808	15,346
68	79 692	20 730,167	271 092,948	13,077	12,616	68	88 961	23 141,301	352 712,187	15,242	14,780
69	78 126	19 924,285	250 362,780	12,566	12,104	69	88 090	22 465,322	329 570,886	14,670	14,209
70	76 437	19 111,352	230 438,495	12,058	11,596	70	87 123	21 783,265	307 105,564	14,098	13,637
71	74 634	18 294,643	211 327,144	11,551	11,090	71	86 082	21 100,974	285 322,299	13,522	13,060
72	72 706	17 472,572	193 032,501	11,048	10,586	72	84 934	20 411,200	264 221,325	12,945	12,483
73	70 591	16 631,641	175 559,929	10,556	10,094	73	83 620	19 701,308	243 810,125	12,375	11,914
74	68 328	15 782,806	158 928,287	10,070	9,608	74	82 170	18 980,174	224 108,818	11,808	11,346
75	65 861	14 914,827	143 145,482	9,598	9,136	75	80 582	18 248,431	205 128,644	11,241	10,779
76	63 245	14 041,588	128 230,654	9,132	8,671	76	78 787	17 491,995	186 880,213	10,684	10,222
77	60 452	13 158,314	114 189,066	8,678	8,216	77	76 790	16 714,327	169 388,218	10,134	9,673
78	57 448	12 259,190	101 030,752	8,241	7,780	78	74 566	15 912,133	152 673,891	9,595	9,133
79	54 252	11 350,145	88 771,562	7,821	7,360	79	72 086	15 081,299	136 761,758	9,068	8,607
80	50 965	10 453,445	77 421,417	7,406	6,945	80	69 379	14 230,379	121 680,459	8,551	8,089
81	47 504	9 552,562	66 967,972	7,010	6,549	81	66 370	13 346,238	107 450,079	8,051	7,589
82	43 948	8 664,129	57 415,410	6,627	6,165	82	63 085	12 436,917	94 103,841	7,566	7,105
83	40 329	7 794,815	48 751,281	6,254	5,793	83	59 498	11 499,663	81 666,924	7,102	6,640
84	36 688	6 951,938	40 956,466	5,891	5,430	84	55 633	10 541,819	70 167,261	6,656	6,194
85	33 009	6 132,153	34 004,528	5,545	5,084	85	51 517	9 570,465	59 625,442	6,230	5,769
86	29 285	5 333,783	27 872,375	5,226	4,764	86	47 123	8 582,498	50 054,977	5,832	5,371
87	25 606	4 572,251	22 538,592	4,929	4,468	87	42 568	7 600,992	41 472,478	5,456	4,995
88	21 973	3 846,605	17 966,341	4,671	4,209	88	37 687	6 597,501	33 871,486	5,134	4,672
89	18 659	3 202,329	14 119,736	4,409	3,948	89	32 959	5 656,632	27 273,986	4,822	4,360
90	15 592	2 623,597	10 917,407	4,161	3,700	90	28 352	4 770,600	21 617,354	4,531	4,070
91	12 944	2 135,342	8 293,811	3,884	3,422	91	24 151	3 983,935	16 846,754	4,229	3,767
92	10 431	1 686,902	6 158,469	3,651	3,189	92	19 969	3 229,548	12 862,819	3,983	3,521
93	8 165	1 294,548	4 471,566	3,454	2,993	93	16 195	2 567,860	9 633,271	3,751	3,290
94	6 252	971,934	3 177,019	3,269	2,807	94	12 845	1 996,680	7 065,411	3,539	3,077
95	4 671	711,874	2 205,085	3,098	2,636	95	9 950	1 516,319	5 068,730	3,343	2,881
96	3 400	507,966	1 493,211	2,940	2,478	96	7 517	1 123,193	3 552,412	3,163	2,701
97	2 407	352,652	985,245	2,794	2,332	97	5 533	810,472	2 429,219	2,997	2,536
98	1 656	237,879	632,593	2,659	2,198	98	3 962	568,955	1 618,747	2,845	2,384
99	1 106	155,696	394,714	2,535	2,074	99	2 756	388,072	1 049,792	2,705	2,244
100	715	98,748	239,018	2,420	1,959	100	1 861	256,849	661,720	2,576	2,115

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	3 686 555,255	36,866	36,404	0	100 000	100 000,000	3 787 950,464	37,880	37,417
1	99 594	97 402,258	3 586 555,255	36,822	36,360	1	99 680	97 486,590	3 687 950,464	37,830	37,368
2	99 558	95 225,026	3 489 152,997	36,641	36,179	2	99 652	95 314,300	3 590 463,874	37,670	37,208
3	99 539	93 111,684	3 393 927,970	36,450	35,988	3	99 636	93 201,891	3 495 149,574	37,501	37,039
4	99 524	91 049,022	3 300 816,286	36,253	35,791	4	99 621	91 137,924	3 401 947,683	37,327	36,865
5	99 510	89 032,668	3 209 767,264	36,052	35,590	5	99 609	89 121,762	3 310 809,759	37,149	36,687
6	99 498	87 063,439	3 120 734,596	35,844	35,382	6	99 600	87 152,763	3 221 687,997	36,966	36,504
7	99 488	85 138,641	3 033 671,157	35,632	35,170	7	99 592	85 228,142	3 134 535,235	36,778	36,316
8	99 478	83 257,122	2 948 532,517	35,415	34,953	8	99 584	83 345,742	3 049 307,093	36,586	36,124
9	99 469	81 417,229	2 865 275,395	35,192	34,730	9	99 578	81 506,666	2 965 961,350	36,389	35,927
10	99 460	79 618,817	2 783 858,166	34,965	34,503	10	99 572	79 708,060	2 884 454,685	36,188	35,726
11	99 451	77 859,851	2 704 239,349	34,732	34,270	11	99 564	77 947,813	2 804 746,625	35,982	35,520
12	99 442	76 139,150	2 626 379,498	34,494	34,032	12	99 556	76 226,525	2 726 798,812	35,772	35,310
13	99 431	74 455,930	2 550 240,348	34,252	33,790	13	99 548	74 543,455	2 650 572,287	35,557	35,095
14	99 422	72 811,160	2 475 784,418	34,003	33,541	14	99 538	72 895,962	2 576 028,832	35,338	34,876
15	99 406	71 197,215	2 402 973,258	33,751	33,289	15	99 526	71 283,069	2 503 132,870	35,115	34,653
16	99 386	69 616,620	2 331 776,044	33,495	33,033	16	99 512	69 705,043	2 431 849,801	34,888	34,426
17	99 357	68 064,525	2 262 159,424	33,236	32,773	17	99 496	68 160,231	2 362 144,758	34,656	34,194
18	99 323	66 544,044	2 194 094,899	32,972	32,510	18	99 479	66 648,672	2 293 984,527	34,419	33,957
19	99 268	65 043,582	2 127 550,855	32,710	32,248	19	99 457	65 167,837	2 227 335,855	34,178	33,716
20	99 213	63 577,617	2 062 507,272	32,441	31,979	20	99 436	63 720,119	2 162 168,019	33,932	33,470
21	99 154	62 141,453	1 998 929,655	32,167	31,705	21	99 415	62 304,817	2 098 447,899	33,680	33,218
22	99 098	60 739,766	1 936 788,202	31,887	31,425	22	99 393	60 920,635	2 036 143,082	33,423	32,961
23	99 043	59 369,770	1 876 048,436	31,599	31,137	23	99 371	59 566,392	1 975 222,447	33,160	32,698
24	98 988	58 031,366	1 816 678,666	31,305	30,843	24	99 348	58 242,390	1 915 656,055	32,891	32,429
25	98 931	56 721,695	1 758 647,299	31,005	30,543	25	99 325	56 947,822	1 857 413,665	32,616	32,154
26	98 872	55 440,664	1 701 925,604	30,698	30,236	26	99 303	55 682,281	1 800 465,842	32,335	31,873
27	98 812	54 187,584	1 646 484,940	30,385	29,923	27	99 277	54 442,449	1 744 783,562	32,048	31,586
28	98 749	52 961,650	1 592 297,356	30,065	29,603	28	99 251	53 230,705	1 690 341,112	31,755	31,293
29	98 688	51 764,137	1 539 335,706	29,737	29,275	29	99 225	52 045,848	1 637 110,407	31,455	30,993
30	98 625	50 592,503	1 487 571,568	29,403	28,941	30	99 198	50 886,467	1 585 064,559	31,149	30,687
31	98 559	49 446,352	1 436 979,065	29,061	28,599	31	99 171	49 753,058	1 534 178,092	30,836	30,374
32	98 486	48 322,446	1 387 532,713	28,714	28,252	32	99 138	48 642,383	1 484 425,035	30,517	30,055
33	98 413	47 223,834	1 339 210,267	28,359	27,897	33	99 104	47 555,537	1 435 782,651	30,192	29,730
34	98 341	46 151,137	1 291 986,432	27,995	27,533	34	99 068	46 492,256	1 388 227,114	29,859	29,397
35	98 262	45 099,119	1 245 835,295	27,624	27,162	35	99 028	45 450,747	1 341 734,858	29,521	29,059
36	98 177	44 068,543	1 200 736,176	27,247	26,785	36	98 986	44 431,665	1 296 284,112	29,175	28,713
37	98 087	43 059,504	1 156 667,634	26,862	26,400	37	98 939	43 433,688	1 251 852,447	28,822	28,360
38	97 990	42 070,392	1 113 608,130	26,470	26,008	38	98 887	42 455,561	1 208 418,759	28,463	28,001
39	97 885	41 100,340	1 071 537,738	26,071	25,609	39	98 829	41 496,852	1 165 963,198	28,098	27,636
40	97 770	40 148,747	1 030 437,398	25,665	25,203	40	98 760	40 555,177	1 124 466,346	27,727	27,265
41	97 636	39 211,744	990 288,651	25,255	24,793	41	98 689	39 634,493	1 083 911,169	27,348	26,886
42	97 491	38 291,931	951 076,907	24,838	24,376	42	98 607	38 730,130	1 044 276,676	26,963	26,501
43	97 334	37 388,930	912 784,976	24,413	23,951	43	98 514	37 842,047	1 005 546,546	26,572	26,110
44	97 147	36 495,870	875 396,046	23,986	23,524	44	98 410	36 970,272	967 704,498	26,175	25,713
45	96 940	35 616,825	838 900,176	23,553	23,091	45	98 299	36 115,858	930 734,226	25,771	25,309
46	96 707	34 749,115	803 283,351	23,117	22,655	46	98 166	35 273,359	894 618,368	25,362	24,900
47	96 440	33 890,856	768 534,236	22,677	22,215	47	98 013	34 443,670	859 345,009	24,949	24,487
48	96 142	33 042,564	734 643,380	22,233	21,771	48	97 843	33 627,282	824 901,339	24,531	24,069
49	95 802	32 201,346	701 600,816	21,788	21,326	49	97 662	32 826,379	791 274,056	24,105	23,643



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	31 370,084	669 399,470	21,339	20,877	50	97 458	32 036,874	758 447,678	23,674	23,212
51	95 022	30 548,727	638 029,386	20,886	20,424	51	97 230	31 258,700	726 410,804	23,239	22,777
52	94 565	29 733,068	607 480,659	20,431	19,969	52	96 988	30 494,710	695 152,104	22,796	22,334
53	94 068	28 925,853	577 747,591	19,973	19,511	53	96 719	29 741,041	664 657,393	22,348	21,886
54	93 528	28 127,037	548 821,738	19,512	19,050	54	96 425	28 998,193	634 916,352	21,895	21,433
55	92 929	27 331,829	520 694,701	19,051	18,589	55	96 118	28 269,732	605 918,159	21,433	20,971
56	92 288	26 545,995	493 362,872	18,585	18,123	56	95 772	27 548,196	577 648,427	20,969	20,507
57	91 600	25 768,460	466 816,876	18,116	17,654	57	95 409	26 839,813	550 100,231	20,496	20,034
58	90 871	25 000,713	441 048,417	17,641	17,179	58	95 015	26 140,894	523 260,418	20,017	19,555
59	90 067	24 234,370	416 047,704	17,168	16,706	59	94 582	25 449,096	497 119,524	19,534	19,072
60	89 203	23 473,630	391 813,333	16,692	16,230	60	94 130	24 770,163	471 670,427	19,042	18,580
61	88 257	22 713,679	368 339,703	16,217	15,755	61	93 615	24 092,638	446 900,264	18,549	18,087
62	87 265	21 964,135	345 626,025	15,736	15,274	62	93 083	23 428,519	422 807,626	18,047	17,585
63	86 192	21 216,731	323 661,889	15,255	14,793	63	92 499	22 769,203	399 379,107	17,540	17,078
64	85 060	20 477,339	302 445,158	14,770	14,308	64	91 882	22 119,671	376 609,905	17,026	16,564
65	83 838	19 738,899	281 967,820	14,285	13,823	65	91 221	21 477,263	354 490,234	16,505	16,043
66	82 531	19 003,660	262 228,921	13,799	13,337	66	90 515	20 842,031	333 012,970	15,978	15,516
67	81 155	18 275,660	243 225,261	13,309	12,847	67	89 771	20 215,858	312 170,939	15,442	14,980
68	79 692	17 551,286	224 949,601	12,817	12,355	68	88 961	19 592,683	291 955,081	14,901	14,439
69	78 126	16 827,738	207 398,315	12,325	11,863	69	88 090	18 973,858	272 362,398	14,355	13,893
70	76 437	16 101,682	190 570,576	11,835	11,373	70	87 123	18 352,821	253 388,540	13,807	13,345
71	74 634	15 375,903	174 468,894	11,347	10,885	71	86 082	17 734,511	235 035,719	13,253	12,791
72	72 706	14 649,082	159 092,991	10,860	10,398	72	84 934	17 112,841	217 301,208	12,698	12,236
73	70 591	13 909,949	144 443,909	10,384	9,922	73	83 620	16 477,278	200 188,367	12,149	11,687
74	68 328	13 167,747	130 533,960	9,913	9,451	74	82 170	15 835,343	183 711,089	11,601	11,139
75	65 861	12 413,160	117 366,212	9,455	8,993	75	80 582	15 187,618	167 875,747	11,053	10,591
76	63 245	11 657,816	104 953,052	9,003	8,541	76	78 787	14 522,465	152 688,129	10,514	10,052
77	60 452	10 897,782	93 295,236	8,561	8,099	77	76 790	13 842,889	138 165,664	9,981	9,519
78	57 448	10 128,298	82 397,454	8,135	7,673	78	74 566	13 146,287	124 322,775	9,457	8,995
79	54 252	9 354,336	72 269,156	7,726	7,264	79	72 086	12 429,404	111 176,489	8,945	8,483
80	50 965	8 594,247	62 914,820	7,321	6,859	80	69 379	11 699,435	98 747,085	8,440	7,978
81	47 504	7 834,389	54 320,573	6,934	6,472	81	66 370	10 945,715	87 047,650	7,953	7,491
82	43 948	7 088,381	46 486,184	6,558	6,096	82	63 085	10 175,010	76 101,935	7,479	7,017
83	40 329	6 361,577	39 397,804	6,193	5,731	83	59 498	9 385,212	65 926,925	7,025	6,563
84	36 688	5 659,808	33 036,226	5,837	5,375	84	55 633	8 582,452	56 541,713	6,588	6,126
85	33 009	4 980,187	27 376,419	5,497	5,035	85	51 517	7 772,589	47 959,260	6,170	5,708
86	29 285	4 321,205	22 396,231	5,183	4,721	86	47 123	6 953,177	40 186,671	5,780	5,318
87	25 606	3 695,188	18 075,026	4,892	4,429	87	42 568	6 142,946	33 233,494	5,410	4,948
88	21 973	3 101,136	14 379,838	4,637	4,175	88	37 687	5 318,911	27 090,549	5,093	4,631
89	18 659	2 575,408	11 278,702	4,379	3,917	89	32 959	4 549,231	21 771,638	4,786	4,324
90	15 592	2 104,815	8 703,294	4,135	3,673	90	28 352	3 827,277	17 222,407	4,500	4,038
91	12 944	1 708,918	6 598,479	3,861	3,399	91	24 151	3 188,350	13 395,129	4,201	3,739
92	10 431	1 346,730	4 889,561	3,631	3,169	92	19 969	2 578,294	10 206,779	3,959	3,497
93	8 165	1 030,969	3 542,831	3,436	2,974	93	16 195	2 045,026	7 628,485	3,730	3,268
94	6 252	772,149	2 511,862	3,253	2,791	94	12 845	1 586,255	5 583,459	3,520	3,058
95	4 671	564,163	1 739,713	3,084	2,622	95	9 950	1 201,688	3 997,204	3,326	2,864
96	3 400	401,581	1 175,550	2,927	2,465	96	7 517	887,958	2 795,516	3,148	2,686
97	2 407	278,113	773,970	2,783	2,321	97	5 533	639,165	1 907,558	2,984	2,522
98	1 656	187,140	495,856	2,650	2,188	98	3 962	447,600	1 268,393	2,834	2,372
99	1 106	122,187	308,716	2,527	2,065	99	2 756	304,551	820,794	2,695	2,233
100	715	77,306	186,529	2,413	1,951	100	1 861	201,077	516,242	2,567	2,105

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	3 448 984,323	34,490	34,027	0	100 000	100 000,000	3 534 446,627	35,344	34,882
1	99 594	97 164,692	3 348 984,323	34,467	34,005	1	99 680	97 248,818	3 434 446,627	35,316	34,854
2	99 558	94 761,080	3 251 819,632	34,316	33,854	2	99 652	94 849,919	3 337 197,809	35,184	34,722
3	99 539	92 432,040	3 157 058,551	34,155	33,693	3	99 636	92 521,588	3 242 347,890	35,044	34,582
4	99 524	90 163,984	3 064 626,512	33,989	33,527	4	99 621	90 252,021	3 149 826,302	34,900	34,438
5	99 510	87 952,187	2 974 462,528	33,819	33,357	5	99 609	88 040,200	3 059 574,281	34,752	34,290
6	99 498	85 797,083	2 886 510,341	33,643	33,181	6	99 600	85 885,108	2 971 534,081	34,599	34,137
7	99 488	83 695,647	2 800 713,258	33,463	33,001	7	99 592	83 783,631	2 885 648,973	34,442	33,979
8	99 478	81 646,393	2 717 017,611	33,278	32,815	8	99 584	81 733,299	2 801 865,342	34,281	33,818
9	99 469	79 647,359	2 635 371,218	33,088	32,626	9	99 578	79 734,851	2 720 132,043	34,115	33,652
10	99 460	77 698,070	2 555 723,859	32,893	32,431	10	99 572	77 785,160	2 640 397,192	33,945	33,482
11	99 451	75 796,217	2 478 025,788	32,693	32,231	11	99 564	75 881,848	2 562 612,031	33,771	33,309
12	99 442	73 940,339	2 402 229,571	32,489	32,026	12	99 556	74 025,191	2 486 730,184	33,593	33,131
13	99 431	72 129,373	2 328 289,232	32,279	31,817	13	99 548	72 214,163	2 412 704,992	33,410	32,948
14	99 422	70 363,959	2 256 159,859	32,064	31,602	14	99 538	70 445,911	2 340 490,829	33,224	32,762
15	99 406	68 636,444	2 185 795,900	31,846	31,384	15	99 526	68 719,210	2 270 044,918	33,034	32,571
16	99 386	66 949,009	2 117 159,456	31,623	31,161	16	99 512	67 034,044	2 201 325,708	32,839	32,377
17	99 357	65 296,739	2 050 210,447	31,398	30,936	17	99 496	65 388,553	2 134 291,664	32,640	32,178
18	99 323	63 682,384	1 984 913,708	31,169	30,707	18	99 479	63 782,512	2 068 903,111	32,437	31,974
19	99 268	62 094,628	1 921 231,324	30,940	30,478	19	99 457	62 213,248	2 005 120,599	32,230	31,767
20	99 213	60 547,090	1 859 136,696	30,706	30,243	20	99 436	60 682,799	1 942 907,350	32,017	31,555
21	99 154	59 035,043	1 798 589,607	30,466	30,004	21	99 415	59 190,240	1 882 224,551	31,800	31,337
22	99 098	57 562,685	1 739 554,564	30,220	29,758	22	99 393	57 734,094	1 823 034,311	31,576	31,114
23	99 043	56 127,119	1 681 991,879	29,968	29,505	23	99 371	56 313,002	1 765 300,217	31,348	30,886
24	98 988	54 728,006	1 625 864,760	29,708	29,246	24	99 348	54 927,018	1 708 987,215	31,114	30,651
25	98 931	53 362,416	1 571 136,754	29,443	28,980	25	99 325	53 575,151	1 654 060,198	30,874	30,411
26	98 872	52 030,039	1 517 774,338	29,171	28,709	26	99 303	52 256,792	1 600 485,047	30,627	30,165
27	98 812	50 730,013	1 465 744,298	28,893	28,431	27	99 277	50 968,616	1 548 228,255	30,376	29,914
28	98 749	49 461,370	1 415 014,285	28,608	28,146	28	99 251	49 712,643	1 497 259,639	30,118	29,656
29	98 688	48 225,092	1 365 552,915	28,316	27,854	29	99 225	48 487,543	1 447 546,995	29,854	29,392
30	98 625	47 018,602	1 317 327,822	28,017	27,555	30	99 198	47 291,799	1 399 059,452	29,584	29,121
31	98 559	45 841,334	1 270 309,221	27,711	27,249	31	99 171	46 125,678	1 351 767,653	29,306	28,844
32	98 486	44 690,102	1 224 467,887	27,399	26,937	32	99 138	44 985,991	1 305 641,975	29,023	28,561
33	98 413	43 567,550	1 179 777,784	27,079	26,617	33	99 104	43 873,571	1 260 655,984	28,734	28,271
34	98 341	42 474,058	1 136 210,234	26,751	26,288	34	99 068	42 787,998	1 216 782,414	28,437	27,975
35	98 262	41 404,624	1 093 736,177	26,416	25,953	35	99 028	41 727,447	1 173 994,416	28,135	27,672
36	98 177	40 359,793	1 052 331,552	26,074	25,611	36	98 986	40 692,356	1 132 266,969	27,825	27,363
37	98 087	39 339,490	1 011 971,759	25,724	25,262	37	98 939	39 681,347	1 091 574,613	27,509	27,046
38	97 990	38 342,083	972 632,269	25,367	24,905	38	98 887	38 693,119	1 051 893,266	27,186	26,723
39	97 885	37 366,637	934 290,186	25,003	24,541	39	98 829	37 727,128	1 013 200,147	26,856	26,394
40	97 770	36 412,462	896 923,549	24,632	24,170	40	98 760	36 781,069	975 473,019	26,521	26,059
41	97 636	35 475,920	860 511,087	24,256	23,794	41	98 689	35 858,392	938 691,950	26,178	25,715
42	97 491	34 559,243	825 035,167	23,873	23,411	42	98 607	34 954,727	902 833,557	25,829	25,366
43	97 334	33 661,963	790 475,924	23,483	23,020	43	98 514	34 069,913	867 878,831	25,473	25,011
44	97 147	32 777,783	756 813,961	23,089	22,627	44	98 410	33 203,855	833 808,917	25,112	24,649
45	96 940	31 910,273	724 036,178	22,690	22,227	45	98 299	32 357,373	800 605,063	24,743	24,280
46	96 707	31 056,929	692 125,905	22,286	21,823	46	98 166	31 525,470	768 247,690	24,369	23,907
47	96 440	30 215,984	661 068,976	21,878	21,416	47	98 013	30 708,856	736 722,220	23,991	23,528
48	96 142	29 387,822	630 852,992	21,466	21,004	48	97 843	29 907,866	706 013,364	23,606	23,144
49	95 802	28 569,796	601 465,170	21,052	20,590	49	97 662	29 124,340	676 105,498	23,214	22,752

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	27 764,397	572 895,374	20,634	20,172	50	97 458	28 354,546	646 981,158	22,818	22,355
51	95 022	26 971,502	545 130,977	20,211	19,749	51	97 230	27 598,338	618 626,612	22,415	21,953
52	94 565	26 187,328	518 159,475	19,787	19,324	52	96 988	26 858,143	591 028,274	22,006	21,543
53	94 068	25 414,238	491 972,147	19,358	18,896	53	96 719	26 130,462	564 170,131	21,591	21,128
54	93 528	24 652,124	466 557,908	18,926	18,463	54	96 425	25 415,655	538 039,669	21,170	20,707
55	92 929	23 896,732	441 905,784	18,492	18,030	55	96 118	24 716,758	512 624,014	20,740	20,278
56	92 288	23 153,054	418 009,052	18,054	17,592	56	95 772	24 027,160	487 907,256	20,306	19,844
57	91 600	22 420,082	394 855,998	17,612	17,149	57	95 409	23 352,222	463 880,096	19,864	19,402
58	90 871	21 699,042	372 435,916	17,164	16,701	58	95 015	22 688,648	440 527,874	19,416	18,954
59	90 067	20 982,603	350 736,874	16,716	16,253	59	94 582	22 034,337	417 839,226	18,963	18,501
60	89 203	20 274,368	329 754,271	16,265	15,802	60	94 130	21 394,195	395 804,889	18,501	18,038
61	88 257	19 570,143	309 479,902	15,814	15,351	61	93 615	20 758,257	374 410,694	18,037	17,574
62	87 265	18 878,178	289 909,759	15,357	14,894	62	93 083	20 136,816	353 652,437	17,562	17,100
63	86 192	18 191,307	271 031,581	14,899	14,437	63	92 499	19 522,402	333 515,621	17,084	16,621
64	85 060	17 514,526	252 840,273	14,436	13,974	64	91 882	18 919,234	313 993,219	16,597	16,134
65	83 838	16 841,751	235 325,747	13,973	13,510	65	91 221	18 324,970	295 073,985	16,102	15,640
66	82 531	16 174,879	218 483,996	13,508	13,045	66	90 515	17 739,600	276 749,015	15,601	15,138
67	81 155	15 517,306	202 309,117	13,038	12,575	67	89 771	17 164,668	259 009,414	15,090	14,627
68	79 692	14 865,915	186 791,812	12,565	12,103	68	88 961	16 594,975	241 844,746	14,573	14,111
69	78 126	14 218,307	171 925,897	12,092	11,629	69	88 090	16 031,634	225 249,771	14,050	13,588
70	76 437	13 571,656	157 707,590	11,620	11,158	70	87 123	15 469,078	209 218,137	13,525	13,063
71	74 634	12 928,308	144 135,934	11,149	10,686	71	86 082	14 911,463	193 749,060	12,993	12,531
72	72 706	12 287,143	131 207,626	10,678	10,216	72	84 934	14 353,658	178 837,597	12,459	11,997
73	70 591	11 638,727	118 920,483	10,218	9,755	73	83 620	13 786,862	164 483,939	11,930	11,468
74	68 328	10 990,840	107 281,756	9,761	9,299	74	82 170	13 217,425	150 697,077	11,401	10,939
75	65 861	10 335,731	96 290,917	9,316	8,854	75	80 582	12 645,864	137 479,652	10,872	10,409
76	63 245	9 683,124	85 955,185	8,877	8,414	76	78 787	12 062,536	124 833,788	10,349	9,886
77	60 452	9 029,753	76 272,061	8,447	7,984	77	76 790	11 470,028	112 771,252	9,832	9,369
78	57 448	8 371,700	67 242,308	8,032	7,570	78	74 566	10 866,265	101 301,224	9,323	8,860
79	54 252	7 713,111	58 870,608	7,633	7,170	79	72 086	10 248,657	90 434,959	8,824	8,362
80	50 965	7 069,097	51 157,497	7,237	6,774	80	69 379	9 623,233	80 186,301	8,333	7,870
81	47 504	6 428,367	44 088,400	6,858	6,396	81	66 370	8 981,310	70 563,069	7,857	7,394
82	43 948	5 802,058	37 660,032	6,491	6,028	82	63 085	8 328,559	61 581,759	7,394	6,932
83	40 329	5 194,446	31 857,975	6,133	5,671	83	59 498	7 663,348	53 253,200	6,949	6,487
84	36 688	4 610,156	26 663,528	5,784	5,321	84	55 633	6 990,775	45 589,852	6,521	6,059
85	33 009	4 046,682	22 053,373	5,450	4,987	85	51 517	6 315,665	38 599,077	6,112	5,649
86	29 285	3 502,658	18 006,691	5,141	4,678	86	47 123	5 636,066	32 283,412	5,728	5,266
87	25 606	2 987,919	14 504,033	4,854	4,392	87	42 568	4 967,169	26 647,346	5,365	4,902
88	21 973	2 501,454	11 516,115	4,604	4,141	88	37 687	4 290,367	21 680,177	5,053	4,591
89	18 659	2 072,322	9 014,660	4,350	3,888	89	32 959	3 660,574	17 389,811	4,751	4,288
90	15 592	1 689,525	6 942,339	4,109	3,647	90	28 352	3 072,137	13 729,237	4,469	4,007
91	12 944	1 368,394	5 252,814	3,839	3,376	91	24 151	2 553,031	10 657,100	4,174	3,712
92	10 431	1 075,747	3 884,420	3,611	3,148	92	19 969	2 059,501	8 104,069	3,935	3,473
93	8 165	821,513	2 808,673	3,419	2,956	93	16 195	1 629,551	6 044,568	3,709	3,247
94	6 252	613,775	1 987,159	3,238	2,775	94	12 845	1 260,902	4 415,017	3,501	3,039
95	4 671	447,355	1 373,384	3,070	2,608	95	9 950	952,883	3 154,115	3,310	2,848
96	3 400	317,658	926,029	2,915	2,453	96	7 517	702,393	2 201,232	3,134	2,671
97	2 407	219,456	608,371	2,772	2,310	97	5 533	504,359	1 498,840	2,972	2,509
98	1 656	147,310	388,914	2,640	2,178	98	3 962	352,335	994,481	2,823	2,360
99	1 106	95,947	241,604	2,518	2,056	99	2 756	239,148	642,146	2,685	2,223
100	715	60,556	145,657	2,405	1,943	100	1 861	157,510	402,998	2,559	2,096

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12) ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12) ä <sub>y</sub>
0	100 000	100 000,000	3 235 866,799	32,359	31,896	0	100 000	100 000,000	3 308 072,169	33,081	32,618
1	99 594	96 928,281	3 135 866,799	32,352	31,890	1	99 680	97 012,203	3 208 072,169	33,069	32,606
2	99 558	94 300,517	3 038 938,518	32,226	31,763	2	99 652	94 388,924	3 111 059,966	32,960	32,497
3	99 539	91 758,993	2 944 638,001	32,091	31,628	3	99 636	91 847,890	3 016 671,042	32,844	32,381
4	99 524	89 289,673	2 852 879,007	31,951	31,488	4	99 621	89 376,857	2 924 823,152	32,725	32,262
5	99 510	86 887,403	2 763 589,335	31,807	31,344	5	99 609	86 974,350	2 835 446,296	32,601	32,138
6	99 498	84 552,165	2 676 701,932	31,657	31,195	6	99 600	84 638,913	2 748 471,946	32,473	32,010
7	99 488	82 280,537	2 592 149,766	31,504	31,041	7	99 592	82 367,033	2 663 833,033	32,341	31,878
8	99 478	80 070,637	2 509 869,230	31,346	30,883	8	99 584	80 155,866	2 581 466,000	32,206	31,743
9	99 469	77 920,135	2 429 798,593	31,183	30,720	9	99 578	78 005,729	2 501 310,134	32,066	31,603
10	99 460	75 828,171	2 351 878,459	31,016	30,553	10	99 572	75 913,165	2 423 304,405	31,922	31,459
11	99 451	73 792,108	2 276 050,288	30,844	30,381	11	99 564	73 875,474	2 347 391,240	31,775	31,312
12	99 442	71 810,154	2 202 258,180	30,668	30,205	12	99 556	71 892,561	2 273 515,766	31,624	31,161
13	99 431	69 880,919	2 130 448,026	30,487	30,024	13	99 548	69 963,066	2 201 623,204	31,468	31,006
14	99 422	68 004,673	2 060 567,107	30,300	29,838	14	99 538	68 083,877	2 131 660,138	31,309	30,847
15	99 406	66 173,681	1 992 562,434	30,111	29,648	15	99 526	66 253,478	2 063 576,261	31,147	30,684
16	99 386	64 389,746	1 926 388,752	29,918	29,455	16	99 512	64 471,530	1 997 322,783	30,980	30,517
17	99 357	62 647,837	1 861 999,006	29,722	29,259	17	99 496	62 735,927	1 932 851,253	30,809	30,346
18	99 323	60 950,313	1 799 351,169	29,522	29,059	18	99 479	61 046,146	1 870 115,326	30,634	30,172
19	99 268	59 286,074	1 738 400,856	29,322	28,859	19	99 457	59 399,329	1 809 069,180	30,456	29,993
20	99 213	57 667,878	1 679 114,782	29,117	28,654	20	99 436	57 797,134	1 749 669,851	30,273	29,810
21	99 154	56 090,927	1 621 446,905	28,907	28,445	21	99 415	56 238,384	1 691 872,717	30,084	29,621
22	99 098	54 558,925	1 565 355,978	28,691	28,228	22	99 393	54 721,390	1 635 634,333	29,890	29,427
23	99 043	53 068,835	1 510 797,053	28,469	28,006	23	99 371	53 244,589	1 580 912,943	29,692	29,229
24	98 988	51 620,055	1 457 728,218	28,240	27,777	24	99 348	51 807,765	1 527 668,354	29,487	29,024
25	98 931	50 209,553	1 406 108,163	28,005	27,542	25	99 325	50 409,719	1 475 860,590	29,277	28,814
26	98 872	48 836,784	1 355 898,610	27,764	27,301	26	99 303	49 049,621	1 425 450,871	29,061	28,599
27	98 812	47 500,690	1 307 061,825	27,517	27,054	27	99 277	47 724,104	1 376 401,250	28,841	28,378
28	98 749	46 200,122	1 259 561,136	27,263	26,800	28	99 251	46 434,827	1 328 677,146	28,614	28,151
29	98 688	44 935,759	1 213 361,014	27,002	26,539	29	99 225	45 180,308	1 282 242,319	28,381	27,918
30	98 625	43 704,963	1 168 425,255	26,734	26,272	30	99 198	43 958,907	1 237 062,011	28,141	27,679
31	98 559	42 506,987	1 124 720,292	26,460	25,997	31	99 171	42 770,650	1 193 103,105	27,895	27,433
32	98 486	41 338,667	1 082 213,305	26,179	25,716	32	99 138	41 612,365	1 150 332,455	27,644	27,181
33	98 413	40 202,243	1 040 874,638	25,891	25,428	33	99 104	40 484,626	1 108 720,090	27,386	26,923
34	98 341	39 097,856	1 000 672,395	25,594	25,131	34	99 068	39 386,841	1 068 235,464	27,122	26,659
35	98 262	38 020,697	961 574,539	25,291	24,828	35	99 028	38 317,136	1 028 848,623	26,851	26,388
36	98 177	36 971,084	923 553,843	24,980	24,518	36	98 986	37 275,724	990 531,487	26,573	26,110
37	98 087	35 948,768	886 582,758	24,662	24,200	37	98 939	36 261,160	953 255,763	26,289	25,826
38	97 990	34 952,080	850 633,990	24,337	23,874	38	98 887	35 272,079	916 994,603	25,998	25,535
39	97 885	33 980,000	815 681,910	24,005	23,542	39	98 829	34 307,819	881 722,524	25,700	25,238
40	97 770	33 031,739	781 701,910	23,665	23,202	40	98 760	33 366,123	847 414,705	25,397	24,935
41	97 636	32 103,848	748 670,171	23,320	22,857	41	98 689	32 449,966	814 048,582	25,086	24,623
42	97 491	31 198,210	716 566,323	22,968	22,505	42	98 607	31 555,232	781 598,617	24,769	24,306
43	97 334	30 314,258	685 368,113	22,609	22,146	43	98 514	30 681,637	750 043,385	24,446	23,983
44	97 147	29 446,190	655 053,855	22,246	21,783	44	98 410	29 828,955	719 361,748	24,116	23,653
45	96 940	28 597,106	625 607,665	21,877	21,414	45	98 299	28 997,785	689 532,793	23,779	23,316
46	96 707	27 764,644	597 010,559	21,503	21,040	46	98 166	28 183,516	660 535,009	23,437	22,974
47	96 440	26 947,122	569 245,915	21,125	20,662	47	98 013	27 386,673	632 351,492	23,090	22,627
48	96 142	26 144,785	542 298,793	20,742	20,279	48	97 843	26 607,441	604 964,819	22,737	22,274
49	95 802	25 355,189	516 154,008	20,357	19,894	49	97 662	25 847,336	578 357,379	22,376	21,913

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 2,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	24 580,459	490 798,819	19,967	19,504	50	97 458	25 102,931	552 510,042	22,010	21,547
51	95 022	23 820,392	466 218,361	19,572	19,109	51	97 230	24 373,994	527 407,111	21,638	21,175
52	94 565	23 071,562	442 397,968	19,175	18,712	52	96 988	23 662,564	503 033,116	21,259	20,796
53	94 068	22 335,977	419 326,406	18,774	18,311	53	96 719	22 965,449	479 370,553	20,874	20,411
54	93 528	21 613,457	396 990,429	18,368	17,905	54	96 425	22 282,873	456 405,104	20,482	20,020
55	92 929	20 900,200	375 376,973	17,960	17,498	55	96 118	21 617,398	434 122,231	20,082	19,619
56	92 288	20 200,505	354 476,773	17,548	17,085	56	95 772	20 963,143	412 504,833	19,678	19,215
57	91 600	19 513,410	334 276,268	17,131	16,668	57	95 409	20 324,702	391 541,690	19,264	18,802
58	90 871	18 839,900	314 762,857	16,707	16,244	58	95 015	19 699,111	371 216,988	18,844	18,382
59	90 067	18 173,535	295 922,958	16,283	15,820	59	94 582	19 084,468	351 517,876	18,419	17,956
60	89 203	17 517,391	277 749,422	15,856	15,393	60	94 130	18 484,939	332 433,409	17,984	17,521
61	88 257	16 867,788	260 232,031	15,428	14,965	61	93 615	17 891,840	313 948,469	17,547	17,084
62	87 265	16 231,784	243 364,243	14,993	14,530	62	93 083	17 313,982	296 056,629	17,099	16,636
63	86 192	15 603,143	227 132,460	14,557	14,094	63	92 499	16 744,857	278 742,647	16,646	16,184
64	85 060	14 986,100	211 529,316	14,115	13,652	64	91 882	16 188,021	261 997,789	16,185	15,722
65	83 838	14 375,386	196 543,216	13,672	13,209	65	91 221	15 641,397	245 809,768	15,715	15,253
66	82 531	13 772,581	182 167,830	13,227	12,764	66	90 515	15 104,910	230 168,371	15,238	14,775
67	81 155	13 180,523	168 395,250	12,776	12,313	67	89 771	14 579,806	215 063,461	14,751	14,288
68	79 692	12 596,503	155 214,726	12,322	11,859	68	88 961	14 061,607	200 483,655	14,258	13,795
69	78 126	12 018,445	142 618,223	11,867	11,404	69	88 090	13 551,214	186 422,048	13,757	13,294
70	76 437	11 443,932	130 599,778	11,412	10,949	70	87 123	13 043,882	172 870,834	13,253	12,790
71	74 634	10 874,922	119 155,845	10,957	10,494	71	86 082	12 543,096	159 826,952	12,742	12,279
72	72 706	10 310,445	108 280,923	10,502	10,039	72	84 934	12 044,509	147 283,857	12,228	11,765
73	70 591	9 742,581	97 970,478	10,056	9,593	73	83 620	11 540,748	135 239,347	11,718	11,256
74	68 328	9 177,861	88 227,897	9,613	9,150	74	82 170	11 037,163	123 698,599	11,207	10,745
75	65 861	8 609,815	79 050,036	9,181	8,719	75	80 582	10 534,189	112 661,437	10,695	10,232
76	63 245	8 046,558	70 440,221	8,754	8,291	76	78 787	10 023,820	102 127,247	10,188	9,726
77	60 452	7 485,357	62 393,663	8,335	7,873	77	76 790	9 508,263	92 103,427	9,687	9,224
78	57 448	6 922,969	54 908,306	7,931	7,469	78	74 566	8 985,847	82 595,165	9,192	8,729
79	54 252	6 362,830	47 985,337	7,542	7,079	79	72 086	8 454,496	73 609,318	8,707	8,244
80	50 965	5 817,371	41 622,506	7,155	6,692	80	69 379	7 919,245	65 154,822	8,227	7,765
81	47 504	5 277,224	35 805,136	6,785	6,322	81	66 370	7 373,004	57 235,577	7,763	7,300
82	43 948	4 751,480	30 527,912	6,425	5,962	82	63 085	6 820,508	49 862,572	7,311	6,848
83	40 329	4 243,538	25 776,432	6,074	5,611	83	59 498	6 260,477	43 042,065	6,875	6,412
84	36 688	3 757,046	21 532,894	5,731	5,269	84	55 633	5 697,131	36 781,587	6,456	5,993
85	33 009	3 289,819	17 775,847	5,403	4,940	85	51 517	5 134,428	31 084,456	6,054	5,591
86	29 285	2 840,617	14 486,028	5,100	4,637	86	47 123	4 570,788	25 950,028	5,677	5,215
87	25 606	2 417,273	11 645,411	4,818	4,355	87	42 568	4 018,518	21 379,240	5,320	4,857
88	21 973	2 018,792	9 228,138	4,571	4,108	88	37 687	3 462,529	17 360,722	5,014	4,551
89	18 659	1 668,393	7 209,346	4,321	3,858	89	32 959	2 947,069	13 898,192	4,716	4,253
90	15 592	1 356,900	5 540,953	4,084	3,621	90	28 352	2 467,310	10 951,123	4,438	3,976
91	12 944	1 096,318	4 184,053	3,816	3,354	91	24 151	2 045,414	8 483,814	4,148	3,685
92	10 431	859,760	3 087,736	3,591	3,129	92	19 969	1 645,998	6 438,400	3,912	3,449
93	8 165	654,974	2 227,975	3,402	2,939	93	16 195	1 299,203	4 792,402	3,689	3,226
94	6 252	488,158	1 573,002	3,222	2,759	94	12 845	1 002,842	3 493,199	3,483	3,020
95	4 671	354,932	1 084,843	3,056	2,594	95	9 950	756,019	2 490,356	3,294	2,831
96	3 400	251,417	729,911	2,903	2,440	96	7 517	555,924	1 734,337	3,120	2,657
97	2 407	173,271	478,494	2,762	2,299	97	5 533	398,214	1 178,413	2,959	2,496
98	1 656	116,025	305,223	2,631	2,168	98	3 962	277,508	780,199	2,811	2,349
99	1 106	75,386	189,197	2,510	2,047	99	2 756	187,900	502,691	2,675	2,212
100	715	47,464	113,811	2,398	1,935	100	1 861	123,456	314,791	2,550	2,087

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	3 044 128,576	30,441	29,978	0	100 000	100 000,000	3 105 284,839	31,053	30,590
1	99 594	96 693,018	2 944 128,576	30,448	29,985	1	99 680	96 776,736	3 005 284,839	31,054	30,591
2	99 558	93 843,303	2 847 435,557	30,342	29,879	2	99 652	93 931,281	2 908 508,103	30,964	30,501
3	99 539	91 092,466	2 753 592,255	30,229	29,765	3	99 636	91 180,717	2 814 576,822	30,868	30,405
4	99 524	88 425,934	2 662 499,789	30,110	29,647	4	99 621	88 512,274	2 723 396,105	30,769	30,305
5	99 510	85 838,051	2 574 073,855	29,988	29,524	5	99 609	85 923,948	2 634 883,831	30,665	30,202
6	99 498	83 328,271	2 488 235,804	29,861	29,397	6	99 600	83 413,762	2 548 959,883	30,558	30,095
7	99 488	80 892,705	2 404 907,534	29,730	29,266	7	99 592	80 977,742	2 465 546,121	30,447	29,984
8	99 478	78 529,011	2 324 014,829	29,594	29,131	8	99 584	78 612,599	2 384 568,379	30,333	29,870
9	99 469	76 234,428	2 245 485,818	29,455	28,992	9	99 578	76 318,171	2 305 955,780	30,215	29,752
10	99 460	74 007,654	2 169 251,390	29,311	28,848	10	99 572	74 090,608	2 229 637,608	30,093	29,630
11	99 451	71 845,667	2 095 243,736	29,163	28,700	11	99 564	71 926,834	2 155 547,001	29,969	29,505
12	99 442	69 746,292	2 023 398,069	29,011	28,548	12	99 556	69 826,332	2 083 620,166	29,840	29,377
13	99 431	67 707,766	1 953 651,776	28,854	28,391	13	99 548	67 787,358	2 013 793,835	29,708	29,244
14	99 422	65 729,940	1 885 944,010	28,692	28,229	14	99 538	65 806,495	1 946 006,476	29,572	29,108
15	99 406	63 804,952	1 820 214,070	28,528	28,065	15	99 526	63 881,892	1 880 199,981	29,432	28,969
16	99 386	61 934,182	1 756 409,118	28,359	27,896	16	99 512	62 012,847	1 816 318,089	29,289	28,826
17	99 357	60 112,444	1 694 474,936	28,188	27,725	17	99 496	60 196,968	1 754 305,242	29,143	28,680
18	99 323	58 341,668	1 634 362,493	28,014	27,550	18	99 479	58 433,400	1 694 108,274	28,992	28,529
19	99 268	56 610,918	1 576 020,824	27,840	27,376	19	99 457	56 719,064	1 635 674,874	28,838	28,375
20	99 213	54 932,085	1 519 409,906	27,660	27,197	20	99 436	55 055,210	1 578 955,811	28,679	28,216
21	99 154	53 300,261	1 464 477,821	27,476	27,013	21	99 415	53 440,382	1 523 900,601	28,516	28,053
22	99 098	51 718,645	1 411 177,559	27,286	26,822	22	99 393	51 872,652	1 470 460,219	28,348	27,884
23	99 043	50 184,024	1 359 458,915	27,089	26,626	23	99 371	50 350,225	1 418 587,568	28,174	27,711
24	98 988	48 695,520	1 309 274,890	26,887	26,424	24	99 348	48 872,594	1 368 237,343	27,996	27,533
25	98 931	47 249,966	1 260 579,371	26,679	26,216	25	99 325	47 438,333	1 319 364,748	27,812	27,349
26	98 872	45 846,566	1 213 329,404	26,465	26,002	26	99 303	46 046,371	1 271 926,415	27,623	27,160
27	98 812	44 484,045	1 167 482,838	26,245	25,782	27	99 277	44 693,271	1 225 880,045	27,429	26,966
28	98 749	43 161,058	1 122 998,793	26,019	25,556	28	99 251	43 380,324	1 181 186,774	27,229	26,765
29	98 688	41 877,973	1 079 837,735	25,785	25,322	29	99 225	42 105,881	1 137 806,449	27,023	26,559
30	98 625	40 632,068	1 037 959,762	25,545	25,082	30	99 198	40 868,157	1 095 700,569	26,811	26,347
31	98 559	39 422,404	997 327,694	25,298	24,835	31	99 171	39 666,934	1 054 832,411	26,592	26,129
32	98 486	38 245,809	957 905,290	25,046	24,583	32	99 138	38 499,030	1 015 165,478	26,369	25,905
33	98 413	37 104,132	919 659,481	24,786	24,323	33	99 104	37 364,754	976 666,447	26,139	25,675
34	98 341	35 997,268	882 555,348	24,517	24,054	34	99 068	36 263,335	939 301,694	25,902	25,439
35	98 262	34 920,566	846 558,081	24,242	23,779	35	99 028	35 192,834	903 038,358	25,660	25,196
36	98 177	33 874,118	811 637,515	23,960	23,497	36	98 986	34 153,239	867 845,524	25,410	24,947
37	98 087	32 857,493	777 763,396	23,671	23,208	37	98 939	33 143,022	833 692,285	25,154	24,691
38	97 990	31 868,972	744 905,903	23,374	22,911	38	98 887	32 160,744	800 549,263	24,892	24,429
39	97 885	30 907,437	713 036,931	23,070	22,607	39	98 829	31 205,614	768 388,519	24,623	24,160
40	97 770	29 971,996	682 129,494	22,759	22,296	40	98 760	30 275,406	737 182,905	24,349	23,886
41	97 636	29 059,353	652 157,498	22,442	21,979	41	98 689	29 372,647	706 907,499	24,067	23,604
42	97 491	28 171,056	623 098,145	22,118	21,655	42	98 607	28 493,436	677 534,852	23,779	23,315
43	97 334	27 306,434	594 927,089	21,787	21,324	43	98 514	27 637,362	649 041,417	23,484	23,021
44	97 147	26 460,118	567 620,655	21,452	20,989	44	98 410	26 804,067	621 404,055	23,183	22,720
45	96 940	25 634,765	541 160,537	21,110	20,647	45	98 299	25 993,938	594 599,988	22,875	22,411
46	96 707	24 828,128	515 525,772	20,764	20,301	46	98 166	25 202,699	568 606,050	22,561	22,098
47	96 440	24 038,583	490 697,644	20,413	19,950	47	98 013	24 430,691	543 403,351	22,243	21,779
48	96 142	23 266,237	466 659,061	20,057	19,594	48	97 843	23 677,955	518 972,660	21,918	21,455
49	95 802	22 508,810	443 392,824	19,699	19,235	49	97 662	22 945,709	495 294,706	21,586	21,122

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	21 768,088	420 884,014	19,335	18,872	50	97 458	22 230,782	472 348,997	21,248	20,784
51	95 022	21 043,783	399 115,926	18,966	18,503	51	97 230	21 532,855	450 118,215	20,904	20,441
52	94 565	20 332,768	378 072,143	18,594	18,131	52	96 988	20 853,612	428 585,361	20,552	20,089
53	94 068	19 636,725	357 739,375	18,218	17,755	53	96 719	20 190,127	407 731,748	20,195	19,731
54	93 528	18 955,400	338 102,651	17,837	17,374	54	96 425	19 542,490	387 541,622	19,831	19,367
55	92 929	18 285,370	319 147,251	17,454	16,990	55	96 118	18 912,840	367 999,131	19,458	18,994
56	92 288	17 630,319	300 861,881	17,065	16,602	56	95 772	18 295,923	349 086,291	19,080	18,617
57	91 600	16 989,309	283 231,562	16,671	16,208	57	95 409	17 695,658	330 790,369	18,693	18,230
58	90 871	16 363,105	266 242,253	16,271	15,808	58	95 015	17 109,360	313 094,710	18,300	17,836
59	90 067	15 746,033	249 879,148	15,869	15,406	59	94 582	16 535,289	295 985,350	17,900	17,437
60	89 203	15 140,694	234 133,115	15,464	15,001	60	94 130	15 976,969	279 450,061	17,491	17,028
61	88 257	14 543,840	218 992,421	15,057	14,594	61	93 615	15 426,804	263 473,092	17,079	16,616
62	87 265	13 961,491	204 448,581	14,644	14,181	62	93 083	14 892,326	248 046,288	16,656	16,193
63	86 192	13 388,202	190 487,090	14,228	13,765	63	92 499	14 367,845	233 153,962	16,227	15,764
64	85 060	12 827,541	177 098,887	13,806	13,343	64	91 882	13 856,340	218 786,117	15,790	15,326
65	83 838	12 274,926	164 271,347	13,383	12,919	65	91 221	13 355,954	204 929,777	15,344	14,880
66	82 531	11 731,656	151 996,420	12,956	12,493	66	90 515	12 866,550	191 573,823	14,889	14,426
67	81 155	11 200,083	140 264,764	12,524	12,060	67	89 771	12 389,117	178 707,273	14,425	13,961
68	79 692	10 677,835	129 064,681	12,087	11,624	68	88 961	11 919,778	166 318,156	13,953	13,490
69	78 126	10 163,098	118 386,846	11,649	11,185	69	88 090	11 459,245	154 398,378	13,474	13,010
70	76 437	9 653,787	108 223,749	11,210	10,747	70	87 123	11 003,460	142 939,133	12,990	12,527
71	74 634	9 151,519	98 569,962	10,771	10,308	71	86 082	10 555,328	131 935,673	12,499	12,036
72	72 706	8 655,438	89 418,444	10,331	9,868	72	84 934	10 111,154	121 380,345	12,005	11,541
73	70 591	8 158,874	80 763,006	9,899	9,436	73	83 620	9 664,740	111 269,191	11,513	11,050
74	68 328	7 667,297	72 604,131	9,469	9,006	74	82 170	9 220,581	101 604,451	11,019	10,556
75	65 861	7 175,287	64 936,834	9,050	8,587	75	80 582	8 779,031	92 383,870	10,523	10,060
76	63 245	6 689,601	57 761,548	8,635	8,171	76	78 787	8 333,421	83 604,840	10,032	9,569
77	60 452	6 207,935	51 071,947	8,227	7,764	77	76 790	7 885,619	75 271,419	9,545	9,082
78	57 448	5 727,586	44 864,011	7,833	7,370	78	74 566	7 434,269	67 385,799	9,064	8,601
79	54 252	5 251,389	39 136,425	7,453	6,989	79	72 086	6 977,689	59 951,530	8,592	8,129
80	50 965	4 789,555	33 885,036	7,075	6,612	80	69 379	6 520,070	52 973,842	8,125	7,662
81	47 504	4 334,296	29 095,480	6,713	6,250	81	66 370	6 055,605	46 453,772	7,671	7,208
82	43 948	3 893,019	24 761,184	6,360	5,897	82	63 085	5 588,232	40 398,167	7,229	6,766
83	40 329	3 468,410	20 868,165	6,017	5,553	83	59 498	5 116,933	34 809,935	6,803	6,340
84	36 688	3 063,327	17 399,755	5,680	5,217	84	55 633	4 645,186	29 693,002	6,392	5,929
85	33 009	2 675,861	14 336,428	5,358	4,894	85	51 517	4 176,222	25 047,816	5,998	5,534
86	29 285	2 304,883	11 660,567	5,059	4,596	86	47 123	3 708,747	20 871,594	5,628	5,164
87	25 606	1 956,620	9 355,684	4,782	4,318	87	42 568	3 252,720	17 162,847	5,276	4,813
88	21 973	1 630,110	7 399,064	4,539	4,076	88	37 687	2 795,882	13 910,128	4,975	4,512
89	18 659	1 343,904	5 768,954	4,293	3,829	89	32 959	2 373,888	11 114,246	4,682	4,219
90	15 592	1 090,341	4 425,050	4,058	3,595	90	28 352	1 982,614	8 740,358	4,409	3,945
91	12 944	878,811	3 334,709	3,795	3,331	91	24 151	1 639,609	6 757,744	4,122	3,658
92	10 431	687,513	2 455,898	3,572	3,109	92	19 969	1 316,233	5 118,134	3,888	3,425
93	8 165	522,483	1 768,385	3,385	2,921	93	16 195	1 036,395	3 801,901	3,668	3,205
94	6 252	388,467	1 245,902	3,207	2,744	94	12 845	798,042	2 765,506	3,465	3,002
95	4 671	281,763	857,436	3,043	2,580	95	9 950	600,165	1 967,464	3,278	2,815
96	3 400	199,103	575,673	2,891	2,428	96	7 517	440,248	1 367,299	3,106	2,643
97	2 407	136,884	376,570	2,751	2,288	97	5 533	314,589	927,051	2,947	2,484
98	1 656	91,438	239,686	2,621	2,158	98	3 962	218,699	612,462	2,800	2,337
99	1 106	59,267	148,249	2,501	2,038	99	2 756	147,721	393,763	2,666	2,202
100	715	37,224	88,982	2,390	1,927	100	1 861	96,821	246,042	2,541	2,078

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	2 871 130,109	28,711	28,248	0	100 000	100 000,000	2 923 061,422	29,231	28,767
1	99 594	96 458,895	2 771 130,109	28,729	28,265	1	99 680	96 542,410	2 823 061,422	29,242	28,778
2	99 558	93 389,406	2 674 671,214	28,640	28,176	2	99 652	93 476,959	2 726 519,011	29,168	28,704
3	99 539	90 432,378	2 581 281,808	28,544	28,080	3	99 636	90 519,989	2 633 042,053	29,088	28,624
4	99 524	87 572,614	2 490 849,430	28,443	27,980	4	99 621	87 658,121	2 542 522,063	29,005	28,541
5	99 510	84 803,869	2 403 276,816	28,339	27,876	5	99 609	84 888,732	2 454 863,942	28,919	28,455
6	99 498	82 124,995	2 318 472,947	28,231	27,767	6	99 600	82 209,252	2 369 975,211	28,829	28,365
7	99 488	79 531,561	2 236 347,952	28,119	27,655	7	99 592	79 615,168	2 287 765,959	28,735	28,272
8	99 478	77 020,697	2 156 816,391	28,003	27,539	8	99 584	77 102,679	2 208 150,791	28,639	28,175
9	99 469	74 589,145	2 079 795,694	27,883	27,420	9	99 578	74 671,080	2 131 048,112	28,539	28,076
10	99 460	72 235,101	2 005 206,550	27,759	27,296	10	99 572	72 316,068	2 056 377,031	28,436	27,972
11	99 451	69 955,101	1 932 971,449	27,632	27,168	11	99 564	70 034,132	1 984 060,964	28,330	27,866
12	99 442	67 746,537	1 863 016,348	27,500	27,036	12	99 556	67 824,281	1 914 026,831	28,220	27,757
13	99 431	65 607,218	1 795 269,811	27,364	26,900	13	99 548	65 684,341	1 846 202,550	28,107	27,644
14	99 422	63 536,537	1 729 662,593	27,223	26,759	14	99 538	63 610,537	1 780 518,209	27,991	27,527
15	99 406	61 526,449	1 666 126,056	27,080	26,616	15	99 526	61 600,642	1 716 907,672	27,872	27,408
16	99 386	59 577,879	1 604 599,607	26,933	26,469	16	99 512	59 653,551	1 655 307,030	27,749	27,285
17	99 357	57 685,436	1 545 021,729	26,784	26,320	17	99 496	57 766,548	1 595 653,480	27,622	27,159
18	99 323	55 850,595	1 487 336,293	26,631	26,167	18	99 479	55 938,409	1 537 886,932	27,493	27,029
19	99 268	54 062,525	1 431 485,698	26,478	26,015	19	99 457	54 165,802	1 481 948,523	27,359	26,896
20	99 213	52 332,246	1 377 423,173	26,321	25,857	20	99 436	52 449,543	1 427 782,721	27,222	26,758
21	99 154	50 654,705	1 325 090,928	26,159	25,696	21	99 415	50 787,871	1 375 333,178	27,080	26,616
22	99 098	49 032,581	1 274 436,223	25,992	25,528	22	99 393	49 178,589	1 324 545,307	26,933	26,470
23	99 043	47 462,462	1 225 403,642	25,818	25,355	23	99 371	47 619,649	1 275 366,718	26,782	26,319
24	98 988	45 943,169	1 177 941,180	25,639	25,175	24	99 348	46 110,235	1 227 747,069	26,626	26,163
25	98 931	44 471,381	1 131 998,010	25,455	24,991	25	99 325	44 648,670	1 181 636,833	26,465	26,002
26	98 872	43 046,028	1 087 526,630	25,264	24,801	26	99 303	43 233,628	1 136 988,163	26,299	25,835
27	98 812	41 665,607	1 044 480,601	25,068	24,605	27	99 277	41 861,576	1 093 754,535	26,128	25,664
28	98 749	40 328,557	1 002 814,995	24,866	24,403	28	99 251	40 533,434	1 051 892,959	25,951	25,488
29	98 688	39 034,931	962 486,437	24,657	24,193	29	99 225	39 247,367	1 011 359,525	25,769	25,305
30	98 625	37 781,906	923 451,506	24,442	23,978	30	99 198	38 001,434	972 112,158	25,581	25,117
31	98 559	36 568,336	885 669,601	24,220	23,756	31	99 171	36 795,162	934 110,724	25,387	24,923
32	98 486	35 391,023	849 101,264	23,992	23,528	32	99 138	35 625,343	897 315,562	25,188	24,724
33	98 413	34 251,430	813 710,241	23,757	23,293	33	99 104	34 492,014	861 690,219	24,982	24,519
34	98 341	33 149,206	779 458,812	23,514	23,050	34	99 068	33 394,222	827 198,205	24,771	24,307
35	98 262	32 079,828	746 309,606	23,264	22,801	35	99 028	32 329,947	793 803,983	24,553	24,090
36	98 177	31 043,160	714 229,778	23,008	22,544	36	98 986	31 298,953	761 474,036	24,329	23,865
37	98 087	30 038,588	683 186,619	22,744	22,280	37	98 939	30 299,621	730 175,082	24,098	23,635
38	97 990	29 064,329	653 148,031	22,472	22,009	38	98 887	29 330,423	699 875,462	23,862	23,398
39	97 885	28 119,164	624 083,702	22,194	21,731	39	98 829	28 390,441	670 545,039	23,619	23,155
40	97 770	27 202,088	595 964,538	21,909	21,445	40	98 760	27 477,458	642 154,597	23,370	22,907
41	97 636	26 309,929	568 762,450	21,618	21,154	41	98 689	26 593,581	614 677,139	23,114	22,650
42	97 491	25 443,920	542 452,521	21,320	20,856	42	98 607	25 735,092	588 083,558	22,851	22,388
43	97 334	24 603,283	517 008,600	21,014	20,550	43	98 514	24 901,451	562 348,466	22,583	22,119
44	97 147	23 783,020	492 405,318	20,704	20,240	44	98 410	24 092,170	537 447,016	22,308	21,844
45	96 940	22 985,383	468 622,297	20,388	19,924	45	98 299	23 307,435	513 354,845	22,025	21,562
46	96 707	22 208,209	445 636,914	20,066	19,603	46	98 166	22 543,254	490 047,410	21,738	21,274
47	96 440	21 449,916	423 428,705	19,740	19,277	47	98 013	21 799,798	467 504,156	21,445	20,982
48	96 142	20 710,474	401 978,790	19,409	18,946	48	97 843	21 076,965	445 704,358	21,147	20,683
49	95 802	19 987,735	381 268,315	19,075	18,611	49	97 662	20 375,700	424 627,393	20,840	20,376



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	19 283,173	361 280,580	18,736	18,272	50	97 458	19 693,048	404 251,693	20,528	20,064
51	95 022	18 596,413	341 997,407	18,391	17,927	51	97 230	19 028,607	384 558,645	20,210	19,746
52	94 565	17 924,583	323 400,994	18,042	17,579	52	96 988	18 383,739	365 530,038	19,883	19,420
53	94 068	17 269,063	305 476,411	17,689	17,226	53	96 719	17 755,739	347 146,299	19,551	19,088
54	93 528	16 629,524	288 207,349	17,331	16,867	54	96 425	17 144,577	329 390,560	19,213	18,749
55	92 929	16 002,867	271 577,824	16,971	16,507	55	96 118	16 552,012	312 245,983	18,865	18,401
56	92 288	15 392,224	255 574,957	16,604	16,141	56	95 772	15 973,332	295 693,971	18,512	18,048
57	91 600	14 796,673	240 182,734	16,232	15,769	57	95 409	15 411,861	279 720,639	18,150	17,686
58	90 871	14 216,781	225 386,061	15,854	15,390	58	95 015	14 865,150	264 308,777	17,780	17,317
59	90 067	13 647,524	211 169,280	15,473	15,009	59	94 582	14 331,594	249 443,627	17,405	16,942
60	89 203	13 091,085	197 521,756	15,088	14,625	60	94 130	13 814,152	235 112,033	17,020	16,556
61	88 257	12 544,580	184 430,671	14,702	14,238	61	93 615	13 306,168	221 297,881	16,631	16,168
62	87 265	12 013,125	171 886,092	14,308	13,845	62	93 083	12 814,059	207 991,713	16,232	15,768
63	86 192	11 491,947	159 872,966	13,912	13,448	63	92 499	12 332,837	195 177,654	15,826	15,362
64	85 060	10 984,035	148 381,019	13,509	13,045	64	91 882	11 864,982	182 844,817	15,410	14,947
65	83 838	10 485,390	137 396,984	13,104	12,640	65	91 221	11 408,817	170 979,836	14,987	14,523
66	82 531	9 997,057	126 911,594	12,695	12,231	66	90 515	10 964,150	159 571,019	14,554	14,090
67	81 155	9 520,971	116 914,537	12,280	11,816	67	89 771	10 531,745	148 606,869	14,110	13,647
68	79 692	9 055,040	107 393,566	11,860	11,396	68	88 961	10 108,235	138 075,123	13,660	13,196
69	78 126	8 597,663	98 338,526	11,438	10,974	69	88 090	9 694,163	127 966,888	13,200	12,737
70	76 437	8 147,028	89 740,862	11,015	10,552	70	87 123	9 286,045	118 272,725	12,737	12,273
71	74 634	7 704,454	81 593,834	10,590	10,127	71	86 082	8 886,289	108 986,680	12,265	11,801
72	72 706	7 269,171	73 889,381	10,165	9,701	72	84 934	8 491,738	100 100,391	11,788	11,324
73	70 591	6 835,547	66 620,210	9,746	9,283	73	83 620	8 097,169	91 608,654	11,314	10,850
74	68 328	6 408,147	59 784,664	9,329	8,866	74	82 170	7 706,345	83 511,485	10,837	10,373
75	65 861	5 982,416	53 376,517	8,922	8,459	75	80 582	7 319,542	75 805,140	10,357	9,893
76	63 245	5 563,969	47 394,101	8,518	8,054	76	78 787	6 931,190	68 485,599	9,881	9,417
77	60 452	5 150,849	41 830,132	8,121	7,657	77	76 790	6 542,858	61 554,409	9,408	8,944
78	57 448	4 740,787	36 679,283	7,737	7,273	78	74 566	6 153,428	55 011,551	8,940	8,476
79	54 252	4 336,109	31 938,496	7,366	6,902	79	72 086	5 761,527	48 858,123	8,480	8,016
80	50 965	3 945,194	27 602,387	6,996	6,533	80	69 379	5 370,632	43 096,597	8,024	7,561
81	47 504	3 561,549	23 657,193	6,642	6,179	81	66 370	4 975,972	37 725,965	7,582	7,118
82	43 948	3 191,200	20 095,644	6,297	5,834	82	63 085	4 580,806	32 749,993	7,149	6,686
83	40 329	2 836,254	16 904,444	5,960	5,497	83	59 498	4 184,315	28 169,188	6,732	6,268
84	36 688	2 498,937	14 068,190	5,630	5,166	84	55 633	3 789,352	23 984,873	6,330	5,866
85	33 009	2 177,572	11 569,253	5,313	4,849	85	51 517	3 398,541	20 195,521	5,942	5,479
86	29 285	1 871,134	9 391,682	5,019	4,556	86	47 123	3 010,810	16 796,980	5,579	5,115
87	25 606	1 584,564	7 520,547	4,746	4,283	87	42 568	2 634,207	13 786,170	5,234	4,770
88	21 973	1 316,944	5 935,983	4,507	4,044	88	37 687	2 258,756	11 151,963	4,937	4,474
89	18 659	1 083,093	4 619,039	4,265	3,801	89	32 959	1 913,189	8 893,207	4,648	4,185
90	15 592	876,611	3 535,946	4,034	3,570	90	28 352	1 593,981	6 980,018	4,379	3,915
91	12 944	704,835	2 659,335	3,773	3,309	91	24 151	1 315,020	5 386,038	4,096	3,632
92	10 431	550,073	1 954,500	3,553	3,090	92	19 969	1 053,106	4 071,018	3,866	3,402
93	8 165	417,022	1 404,427	3,368	2,904	93	16 195	827,202	3 017,912	3,648	3,185
94	6 252	309,305	987,405	3,192	2,729	94	12 845	635,417	2 190,709	3,448	2,984
95	4 671	223,802	678,100	3,030	2,566	95	9 950	476,706	1 555,292	3,263	2,799
96	3 400	157,763	454,298	2,880	2,416	96	7 517	348,839	1 078,586	3,092	2,628
97	2 407	108,200	296,535	2,741	2,277	97	5 533	248,667	729,747	2,935	2,471
98	1 656	72,102	188,335	2,612	2,148	98	3 962	172,452	481,079	2,790	2,326
99	1 106	46,621	116,233	2,493	2,030	99	2 756	116,202	308,627	2,656	2,192
100	715	29,211	69,613	2,383	1,920	100	1 861	75,978	192,425	2,533	2,069

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	2 714 599,933	27,146	26,682	0	100 000	100 000,000	2 758 815,616	27,588	27,124
1	99 594	96 225,902	2 614 599,933	27,171	26,707	1	99 680	96 309,216	2 658 815,616	27,607	27,143
2	99 558	92 938,794	2 518 374,031	27,097	26,633	2	99 652	93 025,925	2 562 506,400	27,546	27,082
3	99 539	89 778,653	2 425 435,236	27,016	26,552	3	99 636	89 865,630	2 469 480,475	27,480	27,016
4	99 524	86 729,562	2 335 656,584	26,930	26,466	4	99 621	86 814,246	2 379 614,845	27,410	26,946
5	99 510	83 784,604	2 248 927,022	26,842	26,378	5	99 609	83 868,446	2 292 800,599	27,338	26,874
6	99 498	80 941,942	2 165 142,418	26,749	26,285	6	99 600	81 024,985	2 208 932,152	27,262	26,798
7	99 488	78 196,530	2 084 200,476	26,653	26,189	7	99 592	78 278,733	2 127 907,167	27,184	26,720
8	99 478	75 544,896	2 006 003,946	26,554	26,090	8	99 584	75 625,308	2 049 628,434	27,102	26,638
9	99 469	72 983,220	1 930 459,051	26,451	25,987	9	99 578	73 063,392	1 974 003,127	27,018	26,554
10	99 460	70 509,135	1 857 475,830	26,344	25,880	10	99 572	70 588,167	1 900 939,735	26,930	26,466
11	99 451	68 118,677	1 786 966,695	26,233	25,769	11	99 564	68 195,634	1 830 351,568	26,840	26,376
12	99 442	65 808,748	1 718 848,018	26,119	25,655	12	99 556	65 884,268	1 762 155,934	26,746	26,282
13	99 431	63 576,682	1 653 039,271	26,001	25,537	13	99 548	63 651,418	1 696 271,666	26,649	26,185
14	99 422	61 421,368	1 589 462,588	25,878	25,414	14	99 538	61 492,905	1 632 620,248	26,550	26,086
15	99 406	59 334,530	1 528 041,220	25,753	25,289	15	99 526	59 406,080	1 571 127,343	26,447	25,983
16	99 386	57 316,598	1 468 706,690	25,624	25,160	16	99 512	57 389,398	1 511 721,263	26,341	25,877
17	99 357	55 361,934	1 411 390,092	25,494	25,030	17	99 496	55 439,779	1 454 331,865	26,233	25,769
18	99 323	53 471,528	1 356 028,158	25,360	24,896	18	99 479	53 555,602	1 398 892,086	26,120	25,656
19	99 268	51 634,601	1 302 556,630	25,226	24,762	19	99 457	51 733,240	1 345 336,484	26,005	25,541
20	99 213	49 861,298	1 250 922,029	25,088	24,624	20	99 436	49 973,057	1 293 603,245	25,886	25,422
21	99 154	48 146,388	1 201 060,731	24,946	24,482	21	99 415	48 272,960	1 243 630,187	25,762	25,298
22	99 098	46 492,017	1 152 914,343	24,798	24,334	22	99 393	46 630,460	1 195 357,228	25,635	25,171
23	99 043	44 894,548	1 106 422,326	24,645	24,181	23	99 371	45 043,231	1 148 726,768	25,503	25,039
24	98 988	43 352,486	1 061 527,778	24,486	24,022	24	99 348	43 510,131	1 103 683,537	25,366	24,902
25	98 931	41 862,328	1 018 175,292	24,322	23,858	25	99 325	42 029,216	1 060 173,406	25,225	24,761
26	98 872	40 422,722	976 312,964	24,153	23,689	26	99 303	40 598,889	1 018 144,189	25,078	24,614
27	98 812	39 031,918	935 890,242	23,978	23,514	27	99 277	39 215,501	977 545,300	24,928	24,463
28	98 749	37 688,129	896 858,323	23,797	23,333	28	99 251	37 879,592	938 329,799	24,771	24,307
29	98 688	36 391,086	859 170,194	23,609	23,145	29	99 225	36 589,134	900 450,207	24,610	24,146
30	98 625	35 137,849	822 779,108	23,416	22,952	30	99 198	35 342,015	863 861,074	24,443	23,979
31	98 559	33 927,060	787 641,258	23,216	22,752	31	99 171	34 137,503	828 519,059	24,270	23,806
32	98 486	32 755,471	753 714,198	23,010	22,546	32	99 138	32 972,341	794 381,556	24,092	23,628
33	98 413	31 624,171	720 958,727	22,798	22,334	33	99 104	31 846,301	761 409,214	23,909	23,445
34	98 341	30 532,565	689 334,556	22,577	22,113	34	99 068	30 758,241	729 562,913	23,719	23,255
35	98 262	29 476,227	658 801,991	22,350	21,886	35	99 028	29 706,047	698 804,673	23,524	23,060
36	98 177	28 454,797	629 325,764	22,117	21,653	36	98 986	28 689,263	669 098,626	23,322	22,858
37	98 087	27 467,479	600 870,967	21,876	21,412	37	98 939	27 706,169	640 409,362	23,114	22,650
38	97 990	26 512,416	573 403,488	21,628	21,164	38	98 887	26 755,146	612 703,193	22,900	22,436
39	97 885	25 588,281	546 891,072	21,373	20,909	39	98 829	25 835,142	585 948,047	22,680	22,216
40	97 770	24 693,956	521 302,791	21,111	20,647	40	98 760	24 943,936	560 112,905	22,455	21,991
41	97 636	23 826,366	496 608,835	20,843	20,379	41	98 689	24 083,242	535 168,969	22,222	21,758
42	97 491	22 986,448	472 782,469	20,568	20,104	42	98 607	23 249,497	511 085,727	21,983	21,519
43	97 334	22 173,314	449 796,021	20,285	19,821	43	98 514	22 442,033	487 836,230	21,738	21,274
44	97 147	21 382,293	427 622,707	19,999	19,535	44	98 410	21 660,236	465 394,197	21,486	21,022
45	96 940	20 615,255	406 240,414	19,706	19,242	45	98 299	20 904,099	443 733,960	21,227	20,763
46	96 707	19 870,108	385 625,159	19,407	18,943	46	98 166	20 169,879	422 829,861	20,963	20,499
47	96 440	19 145,291	365 755,051	19,104	18,640	47	98 013	19 457,582	402 659,982	20,694	20,230
48	96 142	18 440,647	346 609,759	18,796	18,332	48	97 843	18 766,971	383 202,401	20,419	19,955
49	95 802	17 754,130	328 169,113	18,484	18,020	49	97 662	18 098,740	364 435,430	20,136	19,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	17 086,929	310 414,982	18,167	17,703	50	97 458	17 450,122	346 336,689	19,847	19,383
51	95 022	16 438,585	293 328,053	17,844	17,380	51	97 230	16 820,629	328 886,567	19,553	19,089
52	94 565	15 806,438	276 889,468	17,518	17,053	52	96 988	16 211,335	312 065,938	19,250	18,786
53	94 068	15 191,597	261 083,030	17,186	16,722	53	96 719	15 619,726	295 854,603	18,941	18,477
54	93 528	14 593,659	245 891,434	16,849	16,385	54	96 425	15 045,657	280 234,876	18,626	18,162
55	92 929	14 009,798	231 297,775	16,510	16,046	55	96 118	14 490,550	265 189,220	18,301	17,837
56	92 288	13 442,658	217 287,977	16,164	15,700	56	95 772	13 950,164	250 698,670	17,971	17,507
57	91 600	12 891,326	203 845,318	15,813	15,349	57	95 409	13 427,297	236 748,506	17,632	17,168
58	90 871	12 356,187	190 953,993	15,454	14,990	58	95 015	12 919,703	223 321,209	17,285	16,821
59	90 067	11 832,780	178 597,806	15,093	14,629	59	94 582	12 425,887	210 401,506	16,933	16,468
60	89 203	11 322,916	166 765,026	14,728	14,264	60	94 130	11 948,321	197 975,619	16,569	16,105
61	88 257	10 824,017	155 442,110	14,361	13,897	61	93 615	11 481,149	186 027,298	16,203	15,739
62	87 265	10 340,417	144 618,094	13,986	13,522	62	93 083	11 029,829	174 546,149	15,825	15,361
63	86 192	9 867,915	134 277,677	13,608	13,143	63	92 499	10 589,970	163 516,320	15,441	14,977
64	85 060	9 408,998	124 409,762	13,222	12,758	64	91 882	10 163,623	152 926,350	15,046	14,582
65	83 838	8 960,160	115 000,763	12,835	12,371	65	91 221	9 749,263	142 762,727	14,643	14,179
66	82 531	8 522,226	106 040,603	12,443	11,979	66	90 515	9 346,647	133 013,464	14,231	13,767
67	81 155	8 096,771	97 518,377	12,044	11,580	67	89 771	8 956,348	123 666,817	13,808	13,344
68	79 692	7 681,936	89 421,606	11,641	11,176	68	88 961	8 575,425	114 710,469	13,377	12,913
69	78 126	7 276,298	81 739,670	11,234	10,770	69	88 090	8 204,278	106 135,044	12,937	12,473
70	76 437	6 878,266	74 463,372	10,826	10,362	70	87 123	7 839,900	97 930,766	12,491	12,027
71	74 634	6 488,903	67 585,107	10,415	9,951	71	86 082	7 484,277	90 090,866	12,037	11,573
72	72 706	6 107,508	61 096,203	10,003	9,539	72	84 934	7 134,700	82 606,589	11,578	11,114
73	70 591	5 729,307	54 988,696	9,598	9,134	73	83 620	6 786,753	75 471,889	11,120	10,656
74	68 328	5 358,103	49 259,388	9,193	8,729	74	82 170	6 443,577	68 685,135	10,659	10,195
75	65 861	4 990,050	43 901,286	8,798	8,334	75	80 582	6 105,373	62 241,559	10,195	9,731
76	63 245	4 629,805	38 911,236	8,405	7,940	76	78 787	5 767,476	56 136,186	9,733	9,269
77	60 452	4 275,693	34 281,431	8,018	7,554	77	76 790	5 431,192	50 368,710	9,274	8,810
78	57 448	3 925,797	30 005,738	7,643	7,179	78	74 566	5 095,590	44 937,517	8,819	8,355
79	54 252	3 582,014	26 079,940	7,281	6,817	79	72 086	4 759,537	39 841,927	8,371	7,907
80	50 965	3 251,211	22 497,926	6,920	6,456	80	69 379	4 425,907	35 082,390	7,927	7,463
81	47 504	2 927,962	19 246,714	6,573	6,109	81	66 370	4 090,764	30 656,484	7,494	7,030
82	43 948	2 617,160	16 318,752	6,235	5,771	82	63 085	3 756,801	26 565,719	7,071	6,607
83	40 329	2 320,444	13 701,592	5,905	5,441	83	59 498	3 423,342	22 808,919	6,663	6,199
84	36 688	2 039,534	11 381,148	5,580	5,116	84	55 633	3 092,720	19 385,576	6,268	5,804
85	33 009	1 772,956	9 341,615	5,269	4,805	85	51 517	2 767,056	16 292,856	5,888	5,424
86	29 285	1 519,778	7 568,659	4,980	4,516	86	47 123	2 445,448	13 525,801	5,531	5,067
87	25 606	1 283,910	6 048,881	4,711	4,247	87	42 568	2 134,395	11 080,353	5,191	4,727
88	21 973	1 064,491	4 764,971	4,476	4,012	88	37 687	1 825,760	8 945,958	4,900	4,436
89	18 659	873,353	3 700,480	4,237	3,773	89	32 959	1 542,702	7 120,197	4,615	4,151
90	15 592	705,149	2 827,127	4,009	3,545	90	28 352	1 282,203	5 577,495	4,350	3,886
91	12 944	565,602	2 121,978	3,752	3,288	91	24 151	1 055,252	4 295,292	4,070	3,606
92	10 431	440,345	1 556,375	3,534	3,070	92	19 969	843,035	3 240,040	3,843	3,379
93	8 165	333,029	1 116,030	3,351	2,887	93	16 195	660,594	2 397,006	3,629	3,165
94	6 252	246,411	783,001	3,178	2,714	94	12 845	506,211	1 736,411	3,430	2,966
95	4 671	177,863	536,590	3,017	2,553	95	9 950	378,855	1 230,200	3,247	2,783
96	3 400	125,077	358,727	2,868	2,404	96	7 517	276,565	851,345	3,078	2,614
97	2 407	85,575	233,650	2,730	2,266	97	5 533	196,671	574,779	2,923	2,459
98	1 656	56,888	148,075	2,603	2,139	98	3 962	136,063	378,108	2,779	2,315
99	1 106	36,694	91,187	2,485	2,021	99	2 756	91,461	242,045	2,646	2,182
100	715	22,936	54,492	2,376	1,912	100	1 861	59,657	150,585	2,524	2,060

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	2 572 578,965	25,726	25,261	0	100 000	100 000,000	2 610 329,661	26,103	25,639
1	99 594	95 994,033	2 472 578,965	25,758	25,293	1	99 680	96 077,146	2 510 329,661	26,128	25,664
2	99 558	92 491,436	2 376 584,932	25,695	25,231	2	99 652	92 578,147	2 414 252,515	26,078	25,614
3	99 539	89 131,213	2 284 093,496	25,626	25,162	3	99 636	89 217,563	2 321 674,368	26,023	25,558
4	99 524	85 896,631	2 194 962,283	25,554	25,089	4	99 621	85 980,502	2 232 456,805	25,965	25,500
5	99 510	82 780,004	2 109 065,652	25,478	25,014	5	99 609	82 862,841	2 146 476,303	25,904	25,440
6	99 498	79 778,724	2 026 285,648	25,399	24,934	6	99 600	79 860,574	2 063 613,462	25,840	25,376
7	99 488	76 887,049	1 946 506,924	25,316	24,852	7	99 592	76 967,875	1 983 752,888	25,774	25,309
8	99 478	74 100,832	1 869 619,876	25,231	24,766	8	99 584	74 179,706	1 906 785,012	25,705	25,241
9	99 469	71 415,622	1 795 519,044	25,142	24,677	9	99 578	71 494,071	1 832 605,306	25,633	25,169
10	99 460	68 828,425	1 724 103,422	25,049	24,585	10	99 572	68 905,573	1 761 111,235	25,558	25,094
11	99 451	66 334,719	1 655 274,997	24,953	24,489	11	99 564	66 409,660	1 692 205,661	25,481	25,017
12	99 442	63 930,862	1 588 940,278	24,854	24,390	12	99 556	64 004,227	1 625 796,001	25,401	24,937
13	99 431	61 613,664	1 525 009,416	24,751	24,287	13	99 548	61 686,093	1 561 791,774	25,318	24,854
14	99 422	59 381,465	1 463 395,752	24,644	24,180	14	99 538	59 450,626	1 500 105,681	25,233	24,768
15	99 406	57 225,708	1 404 014,287	24,535	24,070	15	99 526	57 294,715	1 440 655,055	25,145	24,680
16	99 386	55 146,292	1 346 788,579	24,422	23,958	16	99 512	55 216,335	1 383 360,341	25,053	24,589
17	99 357	53 137,291	1 291 642,288	24,308	23,843	17	99 496	53 212,008	1 328 144,006	24,959	24,495
18	99 323	51 199,178	1 238 504,996	24,190	23,726	18	99 479	51 279,679	1 274 931,998	24,862	24,398
19	99 268	49 321,181	1 187 305,818	24,073	23,609	19	99 457	49 415,400	1 223 652,318	24,763	24,298
20	99 213	47 512,564	1 137 984,637	23,951	23,487	20	99 436	47 619,059	1 174 236,918	24,659	24,195
21	99 154	45 767,885	1 090 472,072	23,826	23,362	21	99 415	45 888,204	1 126 617,859	24,551	24,087
22	99 098	44 088,747	1 044 704,187	23,695	23,231	22	99 393	44 220,034	1 080 729,655	24,440	23,975
23	99 043	42 471,268	1 000 615,440	23,560	23,095	23	99 371	42 611,925	1 036 509,621	24,324	23,860
24	98 988	40 913,616	958 144,172	23,419	22,954	24	99 348	41 062,393	993 897,696	24,205	23,740
25	98 931	39 412,092	917 230,555	23,273	22,808	25	99 325	39 569,212	952 835,302	24,080	23,616
26	98 872	37 965,045	877 818,464	23,122	22,657	26	99 303	38 130,501	913 266,090	23,951	23,487
27	98 812	36 570,466	839 853,419	22,965	22,501	27	99 277	36 742,471	875 135,589	23,818	23,354
28	98 749	35 226,332	803 282,953	22,803	22,339	28	99 251	35 405,288	838 393,118	23,680	23,215
29	98 688	33 932,051	768 056,621	22,635	22,171	29	99 225	34 116,716	802 987,830	23,536	23,072
30	98 625	32 684,550	734 124,570	22,461	21,996	30	99 198	32 874,461	768 871,114	23,388	22,924
31	98 559	31 482,253	701 440,020	22,280	21,816	31	99 171	31 677,531	735 996,653	23,234	22,770
32	98 486	30 321,848	669 957,767	22,095	21,630	32	99 138	30 522,606	704 319,122	23,075	22,611
33	98 413	29 204,059	639 635,919	21,902	21,438	33	99 104	29 409,190	673 796,516	22,911	22,447
34	98 341	28 128,048	610 431,859	21,702	21,237	34	99 068	28 335,952	644 387,327	22,741	22,277
35	98 262	27 089,466	582 303,812	21,496	21,031	35	99 028	27 300,677	616 051,375	22,565	22,101
36	98 177	26 087,730	555 214,345	21,283	20,818	36	98 986	26 302,692	588 750,698	22,384	21,919
37	98 087	25 121,863	529 126,615	21,062	20,598	37	98 939	25 340,170	562 448,006	22,196	21,731
38	97 990	24 189,929	504 004,752	20,835	20,371	38	98 887	24 411,396	537 107,836	22,002	21,538
39	97 885	23 290,491	479 814,823	20,601	20,137	39	98 829	23 515,184	512 696,440	21,803	21,338
40	97 770	22 422,315	456 524,332	20,360	19,896	40	98 760	22 649,298	489 181,256	21,598	21,134
41	97 636	21 582,404	434 102,017	20,114	19,649	41	98 689	21 815,088	466 531,958	21,386	20,921
42	97 491	20 771,418	412 519,613	19,860	19,396	42	98 607	21 009,118	444 716,869	21,168	20,703
43	97 334	19 988,358	391 748,195	19,599	19,134	43	98 514	20 230,598	423 707,751	20,944	20,479
44	97 147	19 228,837	371 759,837	19,333	18,869	44	98 410	19 478,789	403 477,153	20,714	20,249
45	96 940	18 494,377	352 531,000	19,062	18,597	45	98 299	18 753,505	383 998,365	20,476	20,012
46	96 707	17 782,936	334 036,623	18,784	18,320	46	98 166	18 051,219	365 244,860	20,234	19,769
47	96 440	17 092,968	316 253,687	18,502	18,038	47	98 013	17 371,781	347 193,641	19,986	19,522
48	96 142	16 424,187	299 160,719	18,215	17,750	48	97 843	16 714,828	329 821,859	19,732	19,268
49	95 802	15 774,637	282 736,532	17,923	17,459	49	97 662	16 080,825	313 107,031	19,471	19,006

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 3,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	15 145,243	266 961,895	17,627	17,162	50	97 458	15 467,164	297 026,206	19,204	18,739
51	95 022	14 535,464	251 816,652	17,324	16,860	51	97 230	14 873,278	281 559,042	18,931	18,466
52	94 565	13 942,823	237 281,188	17,018	16,554	52	96 988	14 299,982	266 685,764	18,649	18,185
53	94 068	13 368,183	223 338,365	16,707	16,242	53	96 719	13 744,925	252 385,782	18,362	17,898
54	93 528	12 811,070	209 970,182	16,390	15,925	54	96 425	13 207,857	238 640,857	18,068	17,604
55	92 929	12 268,891	197 159,113	16,070	15,605	55	96 118	12 689,903	225 433,000	17,765	17,300
56	92 288	11 743,859	184 890,221	15,744	15,279	56	95 772	12 187,230	212 743,097	17,456	16,992
57	91 600	11 235,063	173 146,362	15,411	14,947	57	95 409	11 702,173	200 555,867	17,138	16,674
58	90 871	10 742,730	161 911,299	15,072	14,607	58	95 015	11 232,662	188 853,694	16,813	16,348
59	90 067	10 262,879	151 168,569	14,730	14,265	59	94 582	10 777,297	177 621,032	16,481	16,017
60	89 203	9 796,996	140 905,690	14,383	13,918	60	94 130	10 338,119	166 843,735	16,139	15,674
61	88 257	9 342,764	131 108,694	14,033	13,569	61	93 615	9 909,968	156 505,616	15,793	15,328
62	87 265	8 903,837	121 765,931	13,676	13,211	62	93 083	9 497,470	146 595,648	15,435	14,971
63	86 192	8 476,504	112 862,093	13,315	12,850	63	92 499	9 096,747	137 098,178	15,071	14,607
64	85 060	8 062,821	104 385,589	12,947	12,482	64	91 882	8 709,479	128 001,430	14,697	14,232
65	83 838	7 659,698	96 322,768	12,575	12,111	65	91 221	8 334,272	119 291,951	14,313	13,849
66	82 531	7 267,770	88 663,070	12,199	11,735	66	90 515	7 970,838	110 957,679	13,920	13,456
67	81 155	6 888,303	81 395,300	11,816	11,352	67	89 771	7 619,585	102 986,841	13,516	13,052
68	79 692	6 519,636	74 506,997	11,428	10,964	68	88 961	7 277,937	95 367,256	13,104	12,639
69	78 126	6 160,491	67 987,361	11,036	10,572	69	88 090	6 946,167	88 089,319	12,682	12,217
70	76 437	5 809,464	61 826,870	10,642	10,178	70	87 123	6 621,671	81 143,152	12,254	11,790
71	74 634	5 467,397	56 017,406	10,246	9,781	71	86 082	6 306,076	74 521,481	11,817	11,353
72	72 706	5 133,643	50 550,009	9,847	9,382	72	84 934	5 997,045	68 215,404	11,375	10,910
73	70 591	4 804,143	45 416,366	9,454	8,989	73	83 620	5 690,834	62 218,359	10,933	10,469
74	68 328	4 482,054	40 612,223	9,061	8,597	74	82 170	5 390,054	56 527,525	10,487	10,023
75	65 861	4 164,120	36 130,169	8,677	8,212	75	80 582	5 094,840	51 137,472	10,037	9,573
76	63 245	3 854,191	31 966,049	8,294	7,829	76	78 787	4 801,273	46 042,632	9,590	9,125
77	60 452	3 550,826	28 111,857	7,917	7,453	77	76 790	4 510,431	41 241,359	9,144	8,679
78	57 448	3 252,392	24 561,032	7,552	7,087	78	74 566	4 221,527	36 730,929	8,701	8,236
79	54 252	2 960,429	21 308,639	7,198	6,733	79	72 086	3 933,616	32 509,402	8,265	7,800
80	50 965	2 680,555	18 348,210	6,845	6,381	80	69 379	3 649,067	28 575,785	7,831	7,367
81	47 504	2 408,226	15 667,655	6,506	6,041	81	66 370	3 364,622	24 926,719	7,408	6,944
82	43 948	2 147,407	13 259,429	6,175	5,710	82	63 085	3 082,494	21 562,097	6,995	6,531
83	40 329	1 899,360	11 112,022	5,850	5,386	83	59 498	2 802,119	18 479,603	6,595	6,130
84	36 688	1 665,403	9 212,662	5,532	5,067	84	55 633	2 525,394	15 677,484	6,208	5,744
85	33 009	1 444,238	7 547,259	5,226	4,761	85	51 517	2 254,025	13 152,090	5,835	5,371
86	29 285	1 235,017	6 103,021	4,942	4,477	86	47 123	1 987,245	10 898,065	5,484	5,020
87	25 606	1 040,830	4 868,004	4,677	4,213	87	42 568	1 730,295	8 910,820	5,150	4,685
88	21 973	860,874	3 827,173	4,446	3,981	88	37 687	1 476,527	7 180,526	4,863	4,399
89	18 659	704,595	2 966,300	4,210	3,746	89	32 959	1 244,606	5 703,999	4,583	4,119
90	15 592	567,522	2 261,704	3,985	3,521	90	28 352	1 031,951	4 459,393	4,321	3,857
91	12 944	454,115	1 694,182	3,731	3,266	91	24 151	847,247	3 427,442	4,045	3,581
92	10 431	352,696	1 240,067	3,516	3,052	92	19 969	675,230	2 580,195	3,821	3,357
93	8 165	266,097	887,372	3,335	2,870	93	16 195	527,829	1 904,965	3,609	3,145
94	6 252	196,413	621,275	3,163	2,699	94	12 845	403,499	1 377,135	3,413	2,949
95	4 671	141,433	424,861	3,004	2,540	95	9 950	301,257	973,636	3,232	2,767
96	3 400	99,219	283,429	2,857	2,392	96	7 517	219,388	672,379	3,065	2,600
97	2 407	67,720	184,210	2,720	2,256	97	5 533	155,635	452,991	2,911	2,446
98	1 656	44,909	116,490	2,594	2,129	98	3 962	107,414	297,356	2,768	2,304
99	1 106	28,898	71,581	2,477	2,013	99	2 756	72,029	189,942	2,637	2,173
100	715	18,019	42,682	2,369	1,904	100	1 861	46,869	117,913	2,516	2,051

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	2 443 373,748	24,434	23,969	0	100 000	100 000,000	2 475 697,290	24,757	24,292
1	99 594	95 763,278	2 343 373,748	24,470	24,006	1	99 680	95 846,191	2 375 697,290	24,787	24,322
2	99 558	92 047,300	2 247 610,471	24,418	23,953	2	99 652	92 133,595	2 279 851,099	24,745	24,280
3	99 539	88 489,984	2 155 563,170	24,359	23,895	3	99 636	88 575,713	2 187 717,504	24,699	24,234
4	99 524	85 073,675	2 067 073,187	24,297	23,833	4	99 621	85 156,743	2 099 141,792	24,650	24,186
5	99 510	81 789,824	1 981 999,511	24,233	23,768	5	99 609	81 871,670	2 013 985,049	24,599	24,134
6	99 498	78 634,962	1 900 209,687	24,165	23,700	6	99 600	78 715,639	1 932 113,379	24,545	24,081
7	99 488	75 602,569	1 821 574,725	24,094	23,629	7	99 592	75 682,045	1 853 397,740	24,489	24,024
8	99 478	72 687,748	1 745 972,156	24,020	23,555	8	99 584	72 765,118	1 777 715,695	24,431	23,966
9	99 469	69 885,345	1 673 284,409	23,943	23,478	9	99 578	69 962,114	1 704 950,577	24,370	23,905
10	99 460	67 191,679	1 603 399,063	23,863	23,398	10	99 572	67 266,993	1 634 988,463	24,306	23,841
11	99 451	64 601,607	1 536 207,384	23,780	23,315	11	99 564	64 674,590	1 567 721,470	24,240	23,775
12	99 442	62 110,890	1 471 605,778	23,693	23,228	12	99 556	62 182,167	1 503 046,880	24,172	23,707
13	99 431	59 715,764	1 409 494,888	23,603	23,139	13	99 548	59 785,962	1 440 864,713	24,100	23,636
14	99 422	57 413,977	1 349 779,123	23,510	23,045	14	99 538	57 480,847	1 381 078,751	24,027	23,562
15	99 406	55 196,643	1 292 365,146	23,414	22,949	15	99 526	55 263,203	1 323 597,904	23,951	23,486
16	99 386	53 063,094	1 237 168,503	23,315	22,850	16	99 512	53 130,492	1 268 334,702	23,872	23,407
17	99 357	51 007,077	1 184 105,409	23,215	22,750	17	99 496	51 078,798	1 215 204,210	23,791	23,326
18	99 323	49 028,520	1 133 098,332	23,111	22,646	18	99 479	49 105,608	1 164 125,412	23,707	23,242
19	99 268	47 116,609	1 084 069,812	23,008	22,543	19	99 457	47 206,617	1 115 019,804	23,620	23,155
20	99 213	45 279,726	1 036 953,203	22,901	22,436	20	99 436	45 381,216	1 067 813,187	23,530	23,065
21	99 154	43 512,189	991 673,477	22,791	22,326	21	99 415	43 626,578	1 022 431,971	23,436	22,971
22	99 098	41 815,049	948 161,288	22,675	22,210	22	99 393	41 939,566	978 805,393	23,338	22,874
23	99 043	40 184,156	906 346,239	22,555	22,090	23	99 371	40 317,239	936 865,828	23,237	22,773
24	98 988	38 617,331	866 162,083	22,429	21,965	24	99 348	38 757,758	896 548,589	23,132	22,667
25	98 931	37 110,657	827 544,752	22,299	21,835	25	99 325	37 258,602	857 790,832	23,023	22,558
26	98 872	35 662,175	790 434,095	22,164	21,700	26	99 303	35 817,595	820 532,229	22,909	22,444
27	98 812	34 269,611	754 771,920	22,025	21,560	27	99 277	34 430,795	784 714,634	22,791	22,326
28	98 749	32 930,693	720 502,308	21,879	21,415	28	99 251	33 097,987	750 283,839	22,669	22,204
29	98 688	31 644,506	687 571,615	21,728	21,263	29	99 225	31 816,722	717 185,852	22,541	22,076
30	98 625	30 407,834	655 927,109	21,571	21,106	30	99 198	30 584,517	685 369,130	22,409	21,944
31	98 559	29 218,879	625 519,274	21,408	20,943	31	99 171	29 400,118	654 784,614	22,271	21,807
32	98 486	28 074,251	596 300,395	21,240	20,775	32	99 138	28 260,128	625 384,495	22,130	21,665
33	98 413	26 974,320	568 226,144	21,065	20,601	33	99 104	27 163,789	597 124,367	21,982	21,518
34	98 341	25 918,009	541 251,824	20,883	20,418	34	99 068	26 109,578	569 960,579	21,830	21,365
35	98 262	24 901,027	515 333,815	20,695	20,230	35	99 028	25 095,175	543 851,001	21,672	21,207
36	98 177	23 922,572	490 432,787	20,501	20,036	36	98 986	24 119,693	518 755,826	21,508	21,043
37	98 087	22 981,490	466 510,215	20,299	19,835	37	98 939	23 181,198	494 636,133	21,338	20,873
38	97 990	22 075,762	443 528,725	20,091	19,626	38	98 887	22 277,873	471 454,935	21,162	20,698
39	97 885	21 203,840	421 452,963	19,876	19,411	39	98 829	21 408,403	449 177,062	20,981	20,517
40	97 770	20 364,375	400 249,123	19,654	19,190	40	98 760	20 570,526	427 768,660	20,795	20,330
41	97 636	19 554,433	379 884,748	19,427	18,962	41	98 689	19 765,253	407 198,134	20,602	20,137
42	97 491	18 774,411	360 330,314	19,193	18,728	42	98 607	18 989,258	387 432,880	20,403	19,938
43	97 334	18 023,207	341 555,904	18,951	18,486	43	98 514	18 241,630	368 443,622	20,198	19,733
44	97 147	17 296,679	323 532,697	18,705	18,240	44	98 410	17 521,515	350 201,992	19,987	19,522
45	96 940	16 596,029	306 236,018	18,452	17,988	45	98 299	16 828,559	332 680,477	19,769	19,304
46	96 707	15 919,254	289 639,989	18,194	17,729	46	98 166	16 159,420	315 851,918	19,546	19,081
47	96 440	15 264,813	273 720,735	17,931	17,467	47	98 013	15 513,806	299 692,498	19,318	18,853
48	96 142	14 632,302	258 455,922	17,663	17,199	48	97 843	14 891,234	284 178,691	19,084	18,619
49	95 802	14 019,836	243 823,620	17,391	16,927	49	97 662	14 291,962	269 287,458	18,842	18,377

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	13 428,099	229 803,785	17,114	16,649	50	97 458	13 713,522	254 995,495	18,594	18,130
51	95 022	12 856,477	216 375,685	16,830	16,365	51	97 230	13 155,270	241 281,973	18,341	17,876
52	94 565	12 302,647	203 519,209	16,543	16,078	52	96 988	12 617,791	228 126,703	18,080	17,615
53	94 068	11 767,250	191 216,562	16,250	15,785	53	96 719	12 098,874	215 508,912	17,812	17,347
54	93 528	11 249,747	179 449,312	15,951	15,487	54	96 425	11 598,177	203 410,038	17,538	17,073
55	92 929	10 747,747	168 199,565	15,650	15,185	55	96 118	11 116,561	191 811,861	17,255	16,790
56	92 288	10 263,081	157 451,818	15,342	14,877	56	95 772	10 650,547	180 695,300	16,966	16,501
57	91 600	9 794,836	147 188,737	15,027	14,562	57	95 409	10 202,068	170 044,754	16,668	16,203
58	90 871	9 343,102	137 393,901	14,705	14,241	58	95 015	9 769,203	159 842,686	16,362	15,897
59	90 067	8 904,313	128 050,799	14,381	13,916	59	94 582	9 350,633	150 073,483	16,050	15,585
60	89 203	8 479,669	119 146,486	14,051	13,586	60	94 130	8 948,032	140 722,850	15,727	15,262
61	88 257	8 067,075	110 666,817	13,718	13,254	61	93 615	8 556,832	131 774,818	15,400	14,935
62	87 265	7 669,600	102 599,742	13,377	12,913	62	93 083	8 180,944	123 217,987	15,062	14,597
63	86 192	7 283,952	94 930,142	13,033	12,568	63	92 499	7 816,933	115 037,043	14,716	14,252
64	85 060	6 911,814	87 646,191	12,681	12,216	64	91 882	7 466,159	107 220,110	14,361	13,896
65	83 838	6 550,455	80 734,376	12,325	11,860	65	91 221	7 127,340	99 753,951	13,996	13,531
66	82 531	6 200,343	74 183,922	11,964	11,500	66	90 515	6 800,151	92 626,611	13,621	13,156
67	81 155	5 862,483	67 983,578	11,596	11,132	67	89 771	6 484,861	85 826,460	13,235	12,770
68	79 692	5 535,380	62 121,096	11,223	10,758	68	88 961	6 179,202	79 341,599	12,840	12,375
69	78 126	5 217,881	56 585,716	10,845	10,380	69	88 090	5 883,342	73 162,397	12,436	11,971
70	76 437	4 908,736	51 367,835	10,465	10,000	70	87 123	5 595,015	67 279,056	12,025	11,560
71	74 634	4 608,600	46 459,099	10,081	9,616	71	86 082	5 315,543	61 684,041	11,604	11,140
72	72 706	4 316,868	41 850,499	9,695	9,230	72	84 934	5 042,901	56 368,498	11,178	10,713
73	70 591	4 030,082	37 533,631	9,313	8,849	73	83 620	4 773,906	51 325,597	10,751	10,286
74	68 328	3 750,851	33 503,549	8,932	8,467	74	82 170	4 510,719	46 551,691	10,320	9,855
75	65 861	3 476,407	29 752,698	8,558	8,094	75	80 582	4 253,417	42 040,972	9,884	9,419
76	63 245	3 209,930	26 276,290	8,186	7,721	76	78 787	3 998,698	37 787,555	9,450	8,985
77	60 452	2 950,165	23 066,361	7,819	7,354	77	76 790	3 747,443	33 788,857	9,017	8,552
78	57 448	2 695,720	20 116,195	7,462	6,997	78	74 566	3 498,979	30 041,414	8,586	8,121
79	54 252	2 447,829	17 420,476	7,117	6,652	79	72 086	3 252,509	26 542,435	8,161	7,696
80	50 965	2 211,088	14 972,646	6,772	6,307	80	69 379	3 009,976	23 289,926	7,738	7,273
81	47 504	1 981,679	12 761,558	6,440	5,975	81	66 370	2 768,677	20 279,950	7,325	6,860
82	43 948	1 762,809	10 779,879	6,115	5,650	82	63 085	2 530,422	17 511,273	6,920	6,455
83	40 329	1 555,439	9 017,071	5,797	5,332	83	59 498	2 294,733	14 980,851	6,528	6,064
84	36 688	1 360,567	7 461,632	5,484	5,019	84	55 633	2 063,144	12 686,117	6,149	5,684
85	33 009	1 177,047	6 101,065	5,183	4,719	85	51 517	1 837,020	10 622,974	5,783	5,318
86	29 285	1 004,114	4 924,018	4,904	4,439	86	47 123	1 615,702	8 785,954	5,438	4,973
87	25 606	844,198	3 919,905	4,643	4,179	87	42 568	1 403,410	7 170,252	5,109	4,644
88	21 973	696,560	3 075,706	4,416	3,951	88	37 687	1 194,705	5 766,841	4,827	4,362
89	18 659	568,740	2 379,146	4,183	3,718	89	32 959	1 004,630	4 572,136	4,551	4,086
90	15 592	456,996	1 810,405	3,962	3,497	90	28 352	830,975	3 567,506	4,293	3,828
91	12 944	364,795	1 353,410	3,710	3,245	91	24 151	680,603	2 736,532	4,021	3,556
92	10 431	282,643	988,615	3,498	3,033	92	19 969	541,116	2 055,928	3,799	3,335
93	8 165	212,732	705,971	3,319	2,854	93	16 195	421,975	1 514,812	3,590	3,125
94	6 252	156,646	493,239	3,149	2,684	94	12 845	321,804	1 092,837	3,396	2,931
95	4 671	112,526	336,593	2,991	2,526	95	9 950	239,684	771,034	3,217	2,752
96	3 400	78,750	224,067	2,845	2,380	96	7 517	174,129	531,350	3,051	2,587
97	2 407	53,620	145,317	2,710	2,245	97	5 533	123,231	357,221	2,899	2,434
98	1 656	35,474	91,697	2,585	2,120	98	3 962	84,845	233,990	2,758	2,293
99	1 106	22,772	56,224	2,469	2,004	99	2 756	56,758	149,144	2,628	2,163
100	715	14,165	33,452	2,362	1,897	100	1 861	36,843	92,386	2,508	2,043

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	2 325 517,147	23,255	22,790	0	100 000	100 000,000	2 353 276,067	23,533	23,068
1	99 594	95 533,630	2 225 517,147	23,296	22,830	1	99 680	95 616,344	2 253 276,067	23,566	23,101
2	99 558	91 606,356	2 129 983,518	23,251	22,786	2	99 652	91 692,237	2 157 659,723	23,532	23,066
3	99 539	87 854,890	2 038 377,162	23,202	22,736	3	99 636	87 940,005	2 065 967,486	23,493	23,028
4	99 524	84 260,552	1 950 522,271	23,149	22,683	4	99 621	84 342,825	1 978 027,481	23,452	22,987
5	99 510	80 813,823	1 866 261,720	23,093	22,628	5	99 609	80 894,692	1 893 684,656	23,409	22,944
6	99 498	77 510,285	1 785 447,897	23,035	22,570	6	99 600	77 589,808	1 812 789,964	23,364	22,899
7	99 488	74 342,555	1 707 937,612	22,974	22,509	7	99 592	74 420,707	1 735 200,156	23,316	22,851
8	99 478	71 304,907	1 633 595,056	22,910	22,445	8	99 584	71 380,805	1 660 779,449	23,266	22,801
9	99 469	68 391,416	1 562 290,150	22,843	22,378	9	99 578	68 466,544	1 589 398,643	23,214	22,749
10	99 460	65 597,645	1 493 898,733	22,774	22,308	10	99 572	65 671,172	1 520 932,100	23,160	22,695
11	99 451	62 917,774	1 428 301,088	22,701	22,236	11	99 564	62 988,855	1 455 260,928	23,103	22,638
12	99 442	60 346,913	1 365 383,314	22,626	22,160	12	99 556	60 416,166	1 392 272,072	23,045	22,579
13	99 431	57 880,674	1 305 036,401	22,547	22,082	13	99 548	57 948,714	1 331 855,906	22,983	22,518
14	99 422	55 516,169	1 247 155,727	22,465	22,000	14	99 538	55 580,829	1 273 907,192	22,920	22,455
15	99 406	53 244,138	1 191 639,557	22,381	21,915	15	99 526	53 308,343	1 218 326,364	22,854	22,389
16	99 386	51 063,312	1 138 395,419	22,294	21,829	16	99 512	51 128,170	1 165 018,020	22,786	22,321
17	99 357	48 967,070	1 087 332,107	22,205	21,740	17	99 496	49 035,923	1 113 889,851	22,716	22,251
18	99 323	46 954,773	1 038 365,037	22,114	21,649	18	99 479	47 028,600	1 064 853,927	22,643	22,177
19	99 268	45 015,519	991 410,264	22,024	21,559	19	99 457	45 101,513	1 017 825,327	22,567	22,102
20	99 213	43 156,807	946 394,745	21,929	21,464	20	99 436	43 253,538	972 723,814	22,489	22,024
21	99 154	41 372,686	903 237,938	21,832	21,367	21	99 415	41 481,451	929 470,276	22,407	21,942
22	99 098	39 663,650	861 865,252	21,729	21,264	22	99 393	39 781,760	887 988,825	22,322	21,856
23	99 043	38 025,260	822 201,602	21,623	21,157	23	99 371	38 151,193	848 207,065	22,233	21,768
24	98 988	36 454,980	784 176,342	21,511	21,046	24	99 348	36 587,544	810 055,872	22,140	21,675
25	98 931	34 948,660	747 721,361	21,395	20,930	25	99 325	35 087,986	773 468,328	22,044	21,578
26	98 872	33 504,026	712 772,701	21,274	20,809	26	99 303	33 650,041	738 380,342	21,943	21,478
27	98 812	32 118,527	679 268,675	21,149	20,684	27	99 277	32 269,593	704 730,301	21,839	21,374
28	98 749	30 789,639	647 150,148	21,018	20,553	28	99 251	30 946,056	672 460,708	21,730	21,265
29	98 688	29 516,123	616 360,509	20,882	20,417	29	99 225	29 676,756	641 514,652	21,617	21,152
30	98 625	28 294,613	586 844,386	20,740	20,275	30	99 198	28 459,017	611 837,896	21,499	21,034
31	98 559	27 123,086	558 549,772	20,593	20,128	31	99 171	27 291,325	583 378,879	21,376	20,911
32	98 486	25 998,064	531 426,686	20,441	19,976	32	99 138	26 170,194	556 087,554	21,249	20,784
33	98 413	24 919,573	505 428,623	20,282	19,817	33	99 104	25 094,609	529 917,360	21,117	20,652
34	98 341	23 886,307	480 509,050	20,117	19,651	34	99 068	24 062,859	504 822,751	20,979	20,514
35	98 262	22 894,012	456 622,742	19,945	19,480	35	99 028	23 072,512	480 759,892	20,837	20,372
36	98 177	21 941,676	433 728,730	19,767	19,302	36	98 986	22 122,474	457 687,380	20,689	20,224
37	98 087	21 027,972	411 787,054	19,583	19,118	37	98 939	21 210,703	435 564,906	20,535	20,070
38	97 990	20 150,795	390 759,082	19,392	18,927	38	98 887	20 335,282	414 354,203	20,376	19,911
39	97 885	19 308,489	370 608,288	19,194	18,729	39	98 829	19 494,766	394 018,921	20,212	19,746
40	97 770	18 499,590	351 299,799	18,990	18,524	40	98 760	18 686,864	374 524,155	20,042	19,577
41	97 636	17 721,217	332 800,209	18,780	18,315	41	98 689	17 912,272	355 837,291	19,866	19,400
42	97 491	16 973,519	315 078,992	18,563	18,098	42	98 607	17 167,758	337 925,019	19,684	19,218
43	97 334	16 255,297	298 105,473	18,339	17,874	43	98 514	16 452,296	320 757,261	19,496	19,031
44	97 147	15 562,625	281 850,176	18,111	17,645	44	98 410	15 764,920	304 304,965	19,303	18,837
45	96 940	14 896,409	266 287,551	17,876	17,411	45	98 299	15 105,125	288 540,045	19,102	18,637
46	96 707	14 254,677	251 391,142	17,636	17,170	46	98 166	14 469,731	273 434,920	18,897	18,432
47	96 440	13 635,888	237 136,464	17,391	16,925	47	98 013	13 858,311	258 965,189	18,687	18,221
48	96 142	13 039,528	223 500,576	17,140	16,675	48	97 843	13 270,275	245 106,878	18,470	18,005
49	95 802	12 463,770	210 461,048	16,886	16,421	49	97 662	12 705,693	231 836,603	18,247	17,781



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	11 909,083	197 997,278	16,626	16,161	50	97 458	12 162,218	219 130,909	18,017	17,552
51	95 022	11 374,780	186 088,195	16,360	15,894	51	97 230	11 639,138	206 968,691	17,782	17,317
52	94 565	10 858,676	174 713,414	16,090	15,625	52	96 988	11 136,832	195 329,553	17,539	17,074
53	94 068	10 361,213	163 854,738	15,814	15,349	53	96 719	10 653,212	184 192,721	17,290	16,825
54	93 528	9 881,791	153 493,525	15,533	15,068	54	96 425	10 187,851	173 539,509	17,034	16,569
55	92 929	9 418,194	143 611,735	15,248	14,783	55	96 118	9 741,383	163 351,657	16,769	16,304
56	92 288	8 971,916	134 193,541	14,957	14,492	56	95 772	9 310,636	153 610,275	16,498	16,033
57	91 600	8 542,046	125 221,625	14,659	14,194	57	95 409	8 897,191	144 299,639	16,219	15,753
58	90 871	8 128,550	116 679,580	14,354	13,889	58	95 015	8 499,260	135 402,448	15,931	15,466
59	90 067	7 728,223	108 551,030	14,046	13,581	59	94 582	8 115,594	126 903,188	15,637	15,172
60	89 203	7 342,018	100 822,807	13,732	13,267	60	94 130	7 747,544	118 787,594	15,332	14,867
61	88 257	6 968,028	93 480,789	13,416	12,950	61	93 615	7 391,061	111 040,051	15,024	14,558
62	87 265	6 608,818	86 512,760	13,091	12,625	62	93 083	7 049,438	103 648,989	14,703	14,238
63	86 192	6 261,457	79 903,942	12,761	12,296	63	92 499	6 719,621	96 599,551	14,376	13,911
64	85 060	5 927,311	73 642,485	12,424	11,959	64	91 882	6 402,696	89 879,930	14,038	13,573
65	83 838	5 603,951	67 715,174	12,083	11,618	65	91 221	6 097,480	83 477,235	13,690	13,225
66	82 531	5 291,709	62 111,223	11,737	11,272	66	90 515	5 803,617	77 379,755	13,333	12,868
67	81 155	4 991,362	56 819,514	11,384	10,918	67	89 771	5 521,259	71 576,138	12,964	12,499
68	79 692	4 701,562	51 828,152	11,024	10,558	68	88 961	5 248,402	66 054,878	12,586	12,120
69	78 126	4 421,262	47 126,590	10,659	10,194	69	88 090	4 985,126	60 806,476	12,198	11,732
70	76 437	4 149,339	42 705,329	10,292	9,827	70	87 123	4 729,449	55 821,350	11,803	11,338
71	74 634	3 886,294	38 555,989	9,921	9,456	71	86 082	4 482,437	51 091,902	11,398	10,933
72	72 706	3 631,555	34 669,696	9,547	9,082	72	84 934	4 242,329	46 609,465	10,987	10,522
73	70 591	3 382,167	31 038,141	9,177	8,712	73	83 620	4 006,406	42 367,136	10,575	10,110
74	68 328	3 140,279	27 655,974	8,807	8,342	74	82 170	3 776,454	38 360,730	10,158	9,693
75	65 861	2 903,530	24 515,695	8,443	7,978	75	80 582	3 552,496	34 584,276	9,735	9,270
76	63 245	2 674,536	21 612,165	8,081	7,615	76	78 787	3 331,743	31 031,780	9,314	8,849
77	60 452	2 452,204	18 937,629	7,723	7,257	77	76 790	3 114,908	27 700,036	8,893	8,428
78	57 448	2 235,333	16 485,425	7,375	6,910	78	74 566	2 901,408	24 585,128	8,474	8,008
79	54 252	2 024,911	14 250,092	7,037	6,572	79	72 086	2 690,564	21 683,720	8,059	7,594
80	50 965	1 824,686	12 225,181	6,700	6,235	80	69 379	2 483,963	18 993,156	7,646	7,181
81	47 504	1 631,446	10 400,496	6,375	5,910	81	66 370	2 279,353	16 509,193	7,243	6,778
82	43 948	1 447,777	8 769,050	6,057	5,592	82	63 085	2 078,211	14 229,840	6,847	6,382
83	40 329	1 274,403	7 321,272	5,745	5,280	83	59 498	1 880,122	12 151,629	6,463	5,998
84	36 688	1 112,067	6 046,869	5,438	4,972	84	55 633	1 686,323	10 271,507	6,091	5,626
85	33 009	959,759	4 934,802	5,142	4,676	85	51 517	1 497,898	8 585,184	5,731	5,266
86	29 285	816,787	3 975,043	4,867	4,401	86	47 123	1 314,277	7 087,286	5,393	4,927
87	25 606	685,058	3 158,257	4,610	4,145	87	42 568	1 138,853	5 773,009	5,069	4,604
88	21 973	563,896	2 473,199	4,386	3,921	88	37 687	967,166	4 634,156	4,791	4,326
89	18 659	459,316	1 909,302	4,157	3,692	89	32 959	811,341	3 666,990	4,520	4,054
90	15 592	368,186	1 449,986	3,938	3,473	90	28 352	669,488	2 855,649	4,265	3,800
91	12 944	293,198	1 081,801	3,690	3,224	91	24 151	547,024	2 186,161	3,996	3,531
92	10 431	226,625	788,603	3,480	3,015	92	19 969	433,870	1 639,138	3,778	3,313
93	8 165	170,161	561,978	3,303	2,837	93	16 195	337,531	1 205,267	3,571	3,106
94	6 252	124,998	391,817	3,135	2,669	94	12 845	256,788	867,737	3,379	2,914
95	4 671	89,576	266,819	2,979	2,513	95	9 950	190,801	610,949	3,202	2,737
96	3 400	62,539	177,242	2,834	2,369	96	7 517	138,283	420,148	3,038	2,573
97	2 407	42,480	114,704	2,700	2,235	97	5 533	97,628	281,865	2,887	2,422
98	1 656	28,036	72,224	2,576	2,111	98	3 962	67,056	184,236	2,747	2,282
99	1 106	17,954	44,187	2,461	1,996	99	2 756	44,751	117,180	2,619	2,153
100	715	11,141	26,233	2,355	1,889	100	1 861	28,979	72,429	2,499	2,034

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	2 217 735,237	22,177	21,712	0	100 000	100 000,000	2 241 647,471	22,416	21,951
1	99 594	95 305,080	2 117 735,237	22,221	21,755	1	99 680	95 387,597	2 141 647,471	22,452	21,986
2	99 558	91 168,572	2 022 430,157	22,183	21,718	2	99 652	91 254,043	2 046 259,874	22,424	21,958
3	99 539	87 225,860	1 931 261,584	22,141	21,675	3	99 636	87 310,365	1 955 005,831	22,391	21,926
4	99 524	83 457,120	1 844 035,724	22,096	21,630	4	99 621	83 538,608	1 867 695,466	22,357	21,892
5	99 510	79 851,765	1 760 578,605	22,048	21,582	5	99 609	79 931,671	1 784 156,858	22,321	21,855
6	99 498	76 404,330	1 680 726,840	21,998	21,532	6	99 600	76 482,718	1 704 225,186	22,282	21,817
7	99 488	73 106,484	1 604 322,510	21,945	21,479	7	99 592	73 183,336	1 627 742,468	22,242	21,776
8	99 478	69 951,592	1 531 216,026	21,890	21,424	8	99 584	70 026,050	1 554 559,132	22,200	21,734
9	99 469	66 932,887	1 461 264,434	21,832	21,366	9	99 578	67 006,412	1 484 533,082	22,155	21,689
10	99 460	64 045,111	1 394 331,548	21,771	21,305	10	99 572	64 116,898	1 417 526,670	22,108	21,643
11	99 451	61 281,707	1 330 286,437	21,708	21,242	11	99 564	61 350,940	1 353 409,772	22,060	21,595
12	99 442	58 637,080	1 269 004,729	21,642	21,176	12	99 556	58 704,371	1 292 058,832	22,010	21,544
13	99 431	56 106,171	1 210 367,649	21,573	21,107	13	99 548	56 172,125	1 233 354,461	21,957	21,491
14	99 422	53 685,415	1 154 261,478	21,500	21,035	14	99 538	53 747,942	1 177 182,336	21,902	21,436
15	99 406	51 365,131	1 100 576,063	21,427	20,961	15	99 526	51 427,070	1 123 434,394	21,845	21,380
16	99 386	49 143,417	1 049 210,932	21,350	20,884	16	99 512	49 205,836	1 072 007,323	21,786	21,321
17	99 357	47 013,249	1 000 067,514	21,272	20,806	17	99 496	47 079,355	1 022 801,487	21,725	21,259
18	99 323	44 973,394	953 054,266	21,192	20,726	18	99 479	45 044,106	975 722,132	21,661	21,196
19	99 268	43 012,823	908 080,872	21,112	20,646	19	99 457	43 094,992	930 678,027	21,596	21,130
20	99 213	41 138,151	865 068,048	21,028	20,563	20	99 436	41 230,358	887 583,035	21,527	21,062
21	99 154	39 343,134	823 929,897	20,942	20,477	21	99 415	39 446,563	846 352,677	21,456	20,990
22	99 098	37 627,701	784 586,763	20,851	20,386	22	99 393	37 739,749	806 906,113	21,381	20,915
23	99 043	35 987,110	746 959,061	20,756	20,291	23	99 371	36 106,293	769 166,365	21,303	20,837
24	98 988	34 418,459	710 971,951	20,657	20,191	24	99 348	34 543,618	733 060,072	21,221	20,756
25	98 931	32 917,350	676 553,492	20,553	20,087	25	99 325	33 048,578	698 516,454	21,136	20,670
26	98 872	31 481,187	643 636,142	20,445	19,979	26	99 303	31 618,386	665 467,876	21,047	20,581
27	98 812	30 107,140	612 154,955	20,333	19,867	27	99 277	30 248,745	633 849,490	20,955	20,489
28	98 749	28 792,425	582 047,815	20,215	19,750	28	99 251	28 938,696	603 600,745	20,858	20,392
29	98 688	27 535,486	553 255,390	20,092	19,627	29	99 225	27 685,339	574 662,049	20,757	20,291
30	98 625	26 332,795	525 719,904	19,964	19,499	30	99 198	26 485,799	546 976,710	20,652	20,186
31	98 559	25 182,107	499 387,109	19,831	19,365	31	99 171	25 338,307	520 490,911	20,542	20,076
32	98 486	24 079,848	474 205,002	19,693	19,227	32	99 138	24 239,278	495 152,604	20,428	19,962
33	98 413	23 025,714	450 125,154	19,549	19,083	33	99 104	23 187,448	470 913,326	20,309	19,843
34	98 341	22 018,174	427 099,439	19,398	18,932	34	99 068	22 180,918	447 725,877	20,185	19,720
35	98 262	21 052,999	405 081,265	19,241	18,775	35	99 028	21 217,145	425 544,960	20,057	19,591
36	98 177	20 128,974	384 028,266	19,078	18,613	36	98 986	20 294,835	404 327,815	19,923	19,457
37	98 087	19 244,605	363 899,292	18,909	18,444	37	98 939	19 411,839	384 032,980	19,783	19,318
38	97 990	18 397,701	344 654,688	18,734	18,268	38	98 887	18 566,138	364 621,141	19,639	19,173
39	97 885	17 586,501	326 256,987	18,552	18,086	39	98 829	17 756,165	346 055,002	19,489	19,024
40	97 770	16 809,432	308 670,486	18,363	17,897	40	98 760	16 979,596	328 298,837	19,335	18,869
41	97 636	16 063,650	291 861,054	18,169	17,703	41	98 689	16 236,835	311 319,242	19,174	18,708
42	97 491	15 349,081	275 797,404	17,968	17,503	42	98 607	15 524,730	295 082,406	19,007	18,542
43	97 334	14 664,429	260 448,323	17,761	17,295	43	98 514	14 842,148	279 557,676	18,835	18,370
44	97 147	14 005,960	245 783,894	17,549	17,083	44	98 410	14 188,020	264 715,528	18,658	18,192
45	96 940	13 374,310	231 777,934	17,330	16,864	45	98 299	13 561,700	250 527,508	18,473	18,008
46	96 707	12 767,532	218 403,624	17,106	16,641	46	98 166	12 960,150	236 965,808	18,284	17,819
47	96 440	12 184,081	205 636,092	16,877	16,412	47	98 013	12 382,823	224 005,658	18,090	17,624
48	96 142	11 623,342	193 452,011	16,643	16,178	48	97 843	11 829,027	211 622,836	17,890	17,425
49	95 802	11 083,535	181 828,670	16,405	15,940	49	97 662	11 298,668	199 793,809	17,683	17,217

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	10 564,939	170 745,134	16,161	15,696	50	97 458	10 789,503	188 495,140	17,470	17,005
51	95 022	10 066,800	160 180,195	15,912	15,446	51	97 230	10 300,760	177 705,637	17,252	16,786
52	94 565	9 587,052	150 113,395	15,658	15,192	52	96 988	9 832,634	167 404,877	17,025	16,560
53	94 068	9 125,960	140 526,343	15,399	14,933	53	96 719	9 383,148	157 572,243	16,793	16,327
54	93 528	8 682,872	131 400,383	15,133	14,668	54	96 425	8 951,800	148 189,096	16,554	16,088
55	92 929	8 255,723	122 717,511	14,865	14,399	55	96 118	8 539,022	139 237,296	16,306	15,840
56	92 288	7 845,714	114 461,787	14,589	14,123	56	95 772	8 141,916	130 698,274	16,053	15,587
57	91 600	7 451,933	106 616,073	14,307	13,842	57	95 409	7 761,756	122 556,358	15,790	15,324
58	90 871	7 074,242	99 164,140	14,018	13,552	58	95 015	7 396,870	114 794,602	15,519	15,054
59	90 067	6 709,749	92 089,898	13,725	13,259	59	94 582	7 046,069	107 397,732	15,242	14,777
60	89 203	6 359,190	85 380,149	13,426	12,961	60	94 130	6 710,431	100 351,663	14,955	14,489
61	88 257	6 020,826	79 020,958	13,125	12,659	61	93 615	6 386,354	93 641,231	14,663	14,197
62	87 265	5 696,784	73 000,132	12,814	12,349	62	93 083	6 076,597	87 254,878	14,359	13,894
63	86 192	5 384,447	67 303,348	12,500	12,034	63	92 499	5 778,438	81 178,281	14,048	13,583
64	85 060	5 084,909	61 918,901	12,177	11,711	64	91 882	5 492,731	75 399,842	13,727	13,262
65	83 838	4 796,005	56 833,992	11,850	11,385	65	91 221	5 218,379	69 907,111	13,396	12,931
66	82 531	4 517,945	52 037,987	11,518	11,052	66	90 515	4 955,001	64 688,732	13,055	12,590
67	81 155	4 251,320	47 520,042	11,178	10,712	67	89 771	4 702,653	59 733,730	12,702	12,237
68	79 692	3 994,908	43 268,721	10,831	10,365	68	88 961	4 459,557	55 031,077	12,340	11,874
69	78 126	3 747,750	39 273,814	10,479	10,014	69	88 090	4 225,717	50 571,521	11,968	11,502
70	76 437	3 508,836	35 526,064	10,125	9,659	70	87 123	3 999,398	46 345,803	11,588	11,123
71	74 634	3 278,533	32 017,228	9,766	9,300	71	86 082	3 781,448	42 346,405	11,198	10,733
72	72 706	3 056,302	28 738,696	9,403	8,937	72	84 934	3 570,327	38 564,957	10,802	10,336
73	70 591	2 839,608	25 682,393	9,044	8,579	73	83 620	3 363,709	34 994,630	10,404	9,938
74	68 328	2 630,216	22 842,785	8,685	8,219	74	82 170	3 163,060	31 630,922	10,000	9,534
75	65 861	2 426,104	20 212,569	8,331	7,866	75	80 582	2 968,360	28 467,862	9,590	9,125
76	63 245	2 229,416	17 786,465	7,978	7,512	76	78 787	2 777,246	25 499,501	9,182	8,716
77	60 452	2 039,197	15 557,049	7,629	7,163	77	76 790	2 590,286	22 722,256	8,772	8,306
78	57 448	1 854,405	13 517,852	7,290	6,824	78	74 566	2 406,973	20 131,969	8,364	7,898
79	54 252	1 675,823	11 663,447	6,960	6,494	79	72 086	2 226,719	17 724,997	7,960	7,495
80	50 965	1 506,503	9 987,625	6,630	6,164	80	69 379	2 050,817	15 498,278	7,557	7,092
81	47 504	1 343,737	8 481,122	6,312	5,846	81	66 370	1 877,385	13 447,461	7,163	6,697
82	43 948	1 189,606	7 137,385	6,000	5,534	82	63 085	1 707,619	11 570,076	6,776	6,310
83	40 329	1 044,643	5 947,779	5,694	5,228	83	59 498	1 541,158	9 862,457	6,399	5,934
84	36 688	909,394	4 903,136	5,392	4,926	84	55 633	1 378,992	8 321,298	6,034	5,569
85	33 009	782,966	3 993,742	5,101	4,635	85	51 517	1 221,977	6 942,307	5,681	5,216
86	29 285	664,736	3 210,776	4,830	4,365	86	47 123	1 069,615	5 720,330	5,348	4,882
87	25 606	556,196	2 546,040	4,578	4,112	87	42 568	924,630	4 650,715	5,030	4,564
88	21 973	456,730	1 989,844	4,357	3,891	88	37 687	783,359	3 726,085	4,757	4,291
89	18 659	371,134	1 533,115	4,131	3,665	89	32 959	655,576	2 942,726	4,489	4,023
90	15 592	296,788	1 161,980	3,915	3,450	90	28 352	539,663	2 287,149	4,238	3,772
91	12 944	235,777	865,192	3,670	3,204	91	24 151	439,891	1 747,487	3,973	3,507
92	10 431	181,805	629,416	3,462	2,996	92	19 969	348,064	1 307,595	3,757	3,291
93	8 165	136,182	447,610	3,287	2,821	93	16 195	270,130	959,532	3,552	3,087
94	6 252	99,798	311,429	3,121	2,655	94	12 845	205,019	689,402	3,363	2,897
95	4 671	71,346	211,631	2,966	2,501	95	9 950	151,970	484,383	3,187	2,722
96	3 400	49,692	140,284	2,823	2,357	96	7 517	109,877	332,413	3,025	2,560
97	2 407	33,673	90,592	2,690	2,225	97	5 533	77,388	222,536	2,876	2,410
98	1 656	22,171	56,919	2,567	2,102	98	3 962	53,027	145,148	2,737	2,272
99	1 106	14,164	34,749	2,453	1,988	99	2 756	35,303	92,120	2,609	2,144
100	715	8,768	20,585	2,348	1,882	100	1 861	22,807	56,817	2,491	2,026

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12) ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12) ä <sub>y</sub>
0	100 000	100 000,000	2 118 919,367	21,189	20,723	0	100 000	100 000,000	2 139 583,428	21,396	20,930
1	99 594	95 077,622	2 018 919,367	21,234	20,768	1	99 680	95 159,941	2 039 583,428	21,433	20,967
2	99 558	90 733,919	1 923 841,745	21,203	20,737	2	99 652	90 818,983	1 944 423,487	21,410	20,944
3	99 539	86 602,821	1 833 107,826	21,167	20,701	3	99 636	86 686,722	1 853 604,504	21,383	20,917
4	99 524	82 663,241	1 746 505,005	21,128	20,662	4	99 621	82 743,954	1 766 917,782	21,354	20,888
5	99 510	78 903,417	1 663 841,765	21,087	20,621	5	99 609	78 982,375	1 684 173,828	21,323	20,857
6	99 498	75 316,742	1 584 938,347	21,044	20,578	6	99 600	75 394,014	1 605 191,453	21,291	20,825
7	99 488	71 893,844	1 509 621,605	20,998	20,532	7	99 592	71 969,422	1 529 797,439	21,256	20,790
8	99 478	68 627,104	1 437 727,761	20,950	20,484	8	99 584	68 700,152	1 457 828,017	21,220	20,754
9	99 469	65 508,836	1 369 100,657	20,899	20,433	9	99 578	65 580,797	1 389 127,864	21,182	20,716
10	99 460	62 532,900	1 303 591,820	20,846	20,380	10	99 572	62 602,992	1 323 547,067	21,142	20,676
11	99 451	59 691,941	1 241 058,920	20,791	20,325	11	99 564	59 759,378	1 260 944,075	21,100	20,634
12	99 442	56 979,606	1 181 366,979	20,733	20,267	12	99 556	57 044,995	1 201 184,697	21,057	20,591
13	99 431	54 390,117	1 124 387,373	20,673	20,207	13	99 548	54 454,054	1 144 139,703	21,011	20,545
14	99 422	51 919,194	1 069 997,255	20,609	20,143	14	99 538	51 979,664	1 089 685,648	20,964	20,498
15	99 406	49 556,689	1 018 078,062	20,544	20,078	15	99 526	49 616,448	1 037 705,985	20,915	20,449
16	99 386	47 300,039	968 521,373	20,476	20,010	16	99 512	47 360,116	988 089,537	20,863	20,397
17	99 357	45 141,778	921 221,334	20,407	19,941	17	99 496	45 205,253	940 729,421	20,810	20,344
18	99 323	43 080,062	876 079,556	20,336	19,870	18	99 479	43 147,797	895 524,168	20,755	20,289
19	99 268	41 103,695	832 999,494	20,266	19,800	19	99 457	41 182,217	852 376,371	20,698	20,232
20	99 213	39 218,407	791 895,799	20,192	19,726	20	99 436	39 306,311	811 194,154	20,638	20,172
21	99 154	37 417,640	752 677,392	20,116	19,650	21	99 415	37 516,007	771 887,844	20,575	20,109
22	99 098	35 700,754	715 259,752	20,035	19,569	22	99 393	35 807,063	734 371,837	20,509	20,043
23	99 043	34 062,689	679 558,998	19,950	19,484	23	99 371	34 175,498	698 564,774	20,441	19,975
24	98 988	32 500,170	645 496,310	19,861	19,395	24	99 348	32 618,353	664 389,276	20,369	19,903
25	98 931	31 008,541	612 996,139	19,769	19,303	25	99 325	31 132,160	631 770,923	20,293	19,827
26	98 872	29 584,881	581 987,598	19,672	19,206	26	99 303	29 713,816	600 638,763	20,214	19,748
27	98 812	28 226,075	552 402,717	19,571	19,105	27	99 277	28 358,833	570 924,948	20,132	19,666
28	98 749	26 929,078	524 176,642	19,465	18,999	28	99 251	27 065,883	542 566,115	20,046	19,580
29	98 688	25 692,020	497 247,564	19,354	18,888	29	99 225	25 831,841	515 500,232	19,956	19,490
30	98 625	24 511,208	471 555,544	19,238	18,772	30	99 198	24 653,629	489 668,391	19,862	19,396
31	98 559	23 384,177	447 044,336	19,117	18,651	31	99 171	23 529,225	465 014,762	19,763	19,297
32	98 486	22 307,250	423 660,159	18,992	18,526	32	99 138	22 454,944	441 485,538	19,661	19,195
33	98 413	21 279,805	401 352,909	18,861	18,395	33	99 104	21 429,276	419 030,594	19,554	19,088
34	98 341	20 300,096	380 073,103	18,723	18,257	34	99 068	20 450,141	397 601,319	19,442	18,976
35	98 262	19 363,909	359 773,007	18,580	18,114	35	99 028	19 514,885	377 151,177	19,326	18,860
36	98 177	18 469,832	340 409,098	18,431	17,965	36	98 986	18 622,023	357 636,292	19,205	18,739
37	98 087	17 616,214	321 939,266	18,275	17,809	37	98 939	17 769,297	339 014,270	19,079	18,613
38	97 990	16 800,778	304 323,052	18,114	17,648	38	98 887	16 954,595	321 244,972	18,947	18,481
39	97 885	16 021,661	287 522,274	17,946	17,480	39	98 829	16 176,228	304 290,377	18,811	18,345
40	97 770	15 277,187	271 500,614	17,772	17,306	40	98 760	15 431,840	288 114,149	18,670	18,204
41	97 636	14 564,543	256 223,427	17,592	17,126	41	98 689	14 721,566	272 682,310	18,523	18,057
42	97 491	13 883,445	241 658,884	17,406	16,940	42	98 607	14 042,322	257 960,744	18,370	17,904
43	97 334	13 232,512	227 775,439	17,213	16,747	43	98 514	13 392,877	243 918,422	18,213	17,747
44	97 147	12 608,176	214 542,928	17,016	16,550	44	98 410	12 772,067	230 525,545	18,049	17,583
45	96 940	12 010,830	201 934,751	16,813	16,347	45	98 299	12 179,116	217 753,478	17,879	17,413
46	96 707	11 438,547	189 923,921	16,604	16,138	46	98 166	11 611,115	205 574,362	17,705	17,239
47	96 440	10 889,776	178 485,374	16,390	15,924	47	98 013	11 067,405	193 963,247	17,526	17,060
48	96 142	10 363,810	167 595,598	16,171	15,705	48	97 843	10 547,207	182 895,841	17,341	16,875
49	95 802	9 858,912	157 231,789	15,948	15,482	49	97 662	10 050,275	172 348,635	17,149	16,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 4,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	9 375,187	147 372,877	15,719	15,253	50	97 458	9 574,462	162 298,360	16,951	16,485
51	95 022	8 911,825	137 997,690	15,485	15,019	51	97 230	9 118,942	152 723,898	16,748	16,282
52	94 565	8 466,863	129 085,865	15,246	14,780	52	96 988	8 683,750	143 604,956	16,537	16,071
53	94 068	8 040,412	120 619,002	15,002	14,536	53	96 719	8 267,006	134 921,205	16,320	15,854
54	93 528	7 631,772	112 578,590	14,751	14,285	54	96 425	7 868,145	126 654,199	16,097	15,631
55	92 929	7 239,013	104 946,818	14,497	14,031	55	96 118	7 487,423	118 786,054	15,865	15,399
56	92 288	6 863,079	97 707,805	14,237	13,771	56	95 772	7 122,183	111 298,631	15,627	15,161
57	91 600	6 503,059	90 844,726	13,970	13,504	57	95 409	6 773,431	104 176,448	15,380	14,914
58	90 871	6 158,727	84 341,667	13,695	13,229	58	95 015	6 439,601	97 403,017	15,126	14,660
59	90 067	5 827,463	78 182,940	13,416	12,950	59	94 582	6 119,560	90 963,416	14,864	14,398
60	89 203	5 509,819	72 355,477	13,132	12,666	60	94 130	5 814,146	84 843,856	14,593	14,127
61	88 257	5 204,199	66 845,658	12,845	12,379	61	93 615	5 520,148	79 029,710	14,317	13,851
62	87 265	4 912,355	61 641,459	12,548	12,082	62	93 083	5 239,870	73 509,561	14,029	13,563
63	86 192	4 631,945	56 729,104	12,247	11,781	63	92 499	4 970,874	68 269,691	13,734	13,268
64	85 060	4 363,829	52 097,158	11,938	11,472	64	91 882	4 713,819	63 298,817	13,428	12,962
65	83 838	4 106,071	47 733,329	11,625	11,159	65	91 221	4 467,684	58 584,998	13,113	12,647
66	82 531	3 858,780	43 627,258	11,306	10,840	66	90 515	4 232,070	54 117,314	12,787	12,321
67	81 155	3 622,390	39 768,478	10,979	10,513	67	89 771	4 006,953	49 885,244	12,450	11,984
68	79 692	3 395,786	36 146,088	10,644	10,178	68	88 961	3 790,751	45 878,291	12,103	11,637
69	78 126	3 178,092	32 750,302	10,305	9,839	69	88 090	3 583,408	42 087,539	11,745	11,279
70	76 437	2 968,392	29 572,210	9,962	9,496	70	87 123	3 383,396	38 504,131	11,380	10,914
71	74 634	2 766,941	26 603,818	9,615	9,149	71	86 082	3 191,380	35 120,735	11,005	10,539
72	72 706	2 573,232	23 836,878	9,263	8,797	72	84 934	3 006,011	31 929,356	10,622	10,156
73	70 591	2 385,082	21 263,646	8,915	8,449	73	83 620	2 825,292	28 923,344	10,237	9,771
74	68 328	2 203,934	18 878,563	8,566	8,100	74	82 170	2 650,419	26 098,053	9,847	9,381
75	65 861	2 028,050	16 674,629	8,222	7,756	75	80 582	2 481,339	23 447,633	9,450	8,984
76	63 245	1 859,186	14 646,579	7,878	7,412	76	78 787	2 316,040	20 966,295	9,053	8,587
77	60 452	1 696,497	12 787,393	7,538	7,072	77	76 790	2 154,972	18 650,255	8,655	8,189
78	57 448	1 539,078	11 090,896	7,206	6,740	78	74 566	1 997,686	16 495,283	8,257	7,791
79	54 252	1 387,543	9 551,818	6,884	6,418	79	72 086	1 843,673	14 497,596	7,863	7,397
80	50 965	1 244,373	8 164,275	6,561	6,095	80	69 379	1 693,978	12 653,924	7,470	7,004
81	47 504	1 107,279	6 919,902	6,249	5,783	81	66 370	1 547,021	10 959,946	7,085	6,619
82	43 948	977,931	5 812,622	5,944	5,478	82	63 085	1 403,771	9 412,925	6,705	6,239
83	40 329	856,713	4 834,691	5,643	5,177	83	59 498	1 263,906	8 009,154	6,337	5,871
84	36 688	744,015	3 977,978	5,347	4,881	84	55 633	1 128,214	6 745,248	5,979	5,513
85	33 009	639,050	3 233,963	5,061	4,595	85	51 517	997,367	5 617,035	5,632	5,166
86	29 285	541,257	2 594,913	4,794	4,328	86	47 123	870,927	4 619,668	5,304	4,838
87	25 606	451,798	2 053,656	4,546	4,080	87	42 568	751,077	3 748,741	4,991	4,525
88	21 973	370,116	1 601,858	4,328	3,862	88	37 687	634,804	2 997,664	4,722	4,256
89	18 659	300,035	1 231,742	4,105	3,639	89	32 959	529,986	2 362,859	4,458	3,992
90	15 592	239,359	931,706	3,893	3,426	90	28 352	435,237	1 832,873	4,211	3,745
91	12 944	189,699	692,347	3,650	3,184	91	24 151	353,925	1 397,637	3,949	3,483
92	10 431	145,927	502,648	3,445	2,979	92	19 969	279,374	1 043,712	3,736	3,270
93	8 165	109,046	356,721	3,271	2,805	93	16 195	216,303	764,337	3,534	3,068
94	6 252	79,721	247,675	3,107	2,641	94	12 845	163,774	548,034	3,346	2,880
95	4 671	56,857	167,954	2,954	2,488	95	9 950	121,108	384,260	3,173	2,707
96	3 400	39,506	111,097	2,812	2,346	96	7 517	87,354	263,152	3,012	2,546
97	2 407	26,707	71,591	2,681	2,215	97	5 533	61,378	175,798	2,864	2,398
98	1 656	17,542	44,884	2,559	2,093	98	3 962	41,957	114,420	2,727	2,261
99	1 106	11,180	27,342	2,446	1,980	99	2 756	27,866	72,463	2,600	2,134
100	715	6,905	16,162	2,341	1,875	100	1 861	17,959	44,597	2,483	2,017

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	2 028 102,548	20,281	19,815	0	100 000	100 000,000	2 046 018,182	20,460	19,994
1	99 594	94 851,247	1 928 102,548	20,328	19,861	1	99 680	94 933,370	1 946 018,182	20,499	20,032
2	99 558	90 302,367	1 833 251,301	20,301	19,835	2	99 652	90 387,026	1 851 084,812	20,480	20,013
3	99 539	85 985,701	1 742 948,934	20,270	19,804	3	99 636	86 069,004	1 760 697,786	20,457	19,990
4	99 524	81 878,779	1 656 963,233	20,237	19,770	4	99 621	81 958,727	1 674 628,782	20,433	19,966
5	99 510	77 968,553	1 575 084,454	20,202	19,735	5	99 609	78 046,575	1 592 670,055	20,407	19,940
6	99 498	74 247,173	1 497 115,901	20,164	19,698	6	99 600	74 323,348	1 514 623,480	20,379	19,912
7	99 488	70 704,139	1 422 868,728	20,124	19,658	7	99 592	70 778,466	1 440 300,132	20,349	19,883
8	99 478	67 330,762	1 352 164,589	20,082	19,616	8	99 584	67 402,431	1 369 521,666	20,319	19,852
9	99 469	64 118,371	1 284 833,827	20,038	19,572	9	99 578	64 188,804	1 302 119,235	20,286	19,819
10	99 460	61 059,873	1 220 715,456	19,992	19,526	10	99 572	61 128,314	1 237 930,431	20,251	19,785
11	99 451	58 147,060	1 159 655,583	19,943	19,477	11	99 564	58 212,752	1 176 802,118	20,216	19,749
12	99 442	55 372,768	1 101 508,523	19,893	19,426	12	99 556	55 436,313	1 118 589,366	20,178	19,712
13	99 431	52 730,455	1 046 135,755	19,839	19,373	13	99 548	52 792,441	1 063 153,054	20,138	19,672
14	99 422	50 215,084	993 405,300	19,783	19,317	14	99 538	50 273,569	1 010 360,612	20,097	19,631
15	99 406	47 816,003	943 190,216	19,725	19,259	15	99 526	47 873,663	960 087,043	20,055	19,588
16	99 386	45 529,954	895 374,213	19,666	19,199	16	99 512	45 587,784	912 213,380	20,010	19,544
17	99 357	43 349,003	849 844,258	19,605	19,138	17	99 496	43 409,957	866 625,597	19,964	19,497
18	99 323	41 270,669	806 495,255	19,542	19,075	18	99 479	41 335,559	823 215,640	19,915	19,449
19	99 268	39 283,555	765 224,586	19,480	19,013	19	99 457	39 358,600	781 880,081	19,866	19,399
20	99 213	37 392,508	725 941,031	19,414	18,948	20	99 436	37 476,319	742 521,481	19,813	19,347
21	99 154	35 590,638	688 548,523	19,346	18,880	21	99 415	35 684,202	705 045,162	19,758	19,292
22	99 098	33 876,731	652 957,884	19,275	18,808	22	99 393	33 977,609	669 360,959	19,700	19,234
23	99 043	32 245,400	619 081,153	19,199	18,733	23	99 371	32 352,191	635 383,351	19,640	19,173
24	98 988	30 692,992	586 835,753	19,120	18,653	24	99 348	30 804,603	603 031,159	19,576	19,110
25	98 931	29 214,580	556 142,761	19,036	18,570	25	99 325	29 331,047	572 226,557	19,509	19,043
26	98 872	27 806,919	526 928,181	18,950	18,483	26	99 303	27 928,105	542 895,510	19,439	18,973
27	98 812	26 466,607	499 121,262	18,859	18,392	27	99 277	26 591,090	514 967,405	19,366	18,900
28	98 749	25 190,338	472 654,655	18,763	18,297	28	99 251	25 318,310	488 376,315	19,289	18,823
29	98 688	23 975,932	447 464,317	18,663	18,197	29	99 225	24 106,413	463 058,005	19,209	18,743
30	98 625	22 819,530	423 488,385	18,558	18,092	30	99 198	22 952,121	438 951,592	19,125	18,658
31	98 559	21 718,449	400 668,855	18,448	17,982	31	99 171	21 853,164	415 999,471	19,036	18,570
32	98 486	20 668,905	378 950,406	18,334	17,868	32	99 138	20 805,752	394 146,307	18,944	18,478
33	98 413	19 669,976	358 281,501	18,215	17,748	33	99 104	19 808,139	373 340,555	18,848	18,381
34	98 341	18 719,705	338 611,525	18,089	17,622	34	99 068	18 858,069	353 532,416	18,747	18,281
35	98 262	17 813,886	319 891,820	17,957	17,491	35	99 028	17 952,777	334 674,347	18,642	18,176
36	98 177	16 950,922	302 077,934	17,821	17,354	36	98 986	17 090,597	316 721,570	18,532	18,066
37	98 087	16 129,009	285 127,012	17,678	17,211	37	98 939	16 269,169	299 630,974	18,417	17,951
38	97 990	15 345,789	268 998,003	17,529	17,063	38	98 887	15 486,285	283 361,805	18,298	17,831
39	97 885	14 599,302	253 652,214	17,374	16,908	39	98 829	14 740,148	267 875,520	18,173	17,707
40	97 770	13 887,776	239 052,912	17,213	16,747	40	98 760	14 028,363	253 135,372	18,045	17,578
41	97 636	13 208,420	225 165,136	17,047	16,581	41	98 689	13 350,823	239 107,009	17,910	17,443
42	97 491	12 560,762	211 956,715	16,875	16,408	42	98 607	12 704,503	225 756,186	17,770	17,303
43	97 334	11 943,340	199 395,953	16,695	16,229	43	98 514	12 088,082	213 051,683	17,625	17,159
44	97 147	11 352,735	187 452,613	16,512	16,045	44	98 410	11 500,307	200 963,601	17,475	17,008
45	96 940	10 789,119	176 099,878	16,322	15,856	45	98 299	10 940,287	189 463,295	17,318	16,852
46	96 707	10 250,583	165 310,759	16,127	15,661	46	98 166	10 405,229	178 523,007	17,157	16,691
47	96 440	9 735,570	155 060,176	15,927	15,461	47	98 013	9 894,372	168 117,778	16,991	16,525
48	96 142	9 243,290	145 324,606	15,722	15,256	48	97 843	9 406,859	158 223,406	16,820	16,354
49	95 802	8 772,046	136 081,316	15,513	15,047	49	97 662	8 942,312	148 816,547	16,642	16,175

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	8 321,786	127 309,270	15,298	14,832	50	97 458	8 498,671	139 874,235	16,458	15,992
51	95 022	7 891,654	118 987,484	15,078	14,611	51	97 230	8 075,061	131 375,564	16,269	15,803
52	94 565	7 479,777	111 095,830	14,853	14,386	52	96 988	7 671,379	123 300,503	16,073	15,606
53	94 068	7 086,130	103 616,054	14,622	14,156	53	96 719	7 285,831	115 629,124	15,870	15,404
54	93 528	6 709,975	96 529,924	14,386	13,920	54	96 425	6 917,798	108 343,293	15,662	15,195
55	92 929	6 349,502	89 819,948	14,146	13,680	55	96 118	6 567,388	101 425,495	15,444	14,977
56	92 288	6 005,428	83 470,446	13,899	13,433	56	95 772	6 232,154	94 858,107	15,221	14,754
57	91 600	5 676,851	77 465,018	13,646	13,179	57	95 409	5 912,872	88 625,954	14,989	14,522
58	90 871	5 363,465	71 788,167	13,385	12,918	58	95 015	5 608,070	82 713,081	14,749	14,283
59	90 067	5 062,893	66 424,703	13,120	12,654	59	94 582	5 316,666	77 105,011	14,503	14,036
60	89 203	4 775,527	61 361,809	12,849	12,383	60	94 130	5 039,297	71 788,345	14,246	13,779
61	88 257	4 499,897	56 586,282	12,575	12,109	61	93 615	4 773,088	66 749,048	13,984	13,518
62	87 265	4 237,436	52 086,385	12,292	11,826	62	93 083	4 519,953	61 975,960	13,712	13,245
63	86 192	3 986,039	47 848,949	12,004	11,538	63	92 499	4 277,706	57 456,007	13,431	12,965
64	85 060	3 746,370	43 862,909	11,708	11,242	64	91 882	4 046,838	53 178,301	13,141	12,674
65	83 838	3 516,690	40 116,540	11,407	10,941	65	91 221	3 826,398	49 131,463	12,840	12,374
66	82 531	3 297,026	36 599,850	11,101	10,634	66	90 515	3 615,973	45 305,066	12,529	12,063
67	81 155	3 087,680	33 302,824	10,786	10,319	67	89 771	3 415,477	41 689,093	12,206	11,740
68	79 692	2 887,634	30 215,144	10,464	9,997	68	88 961	3 223,496	38 273,616	11,873	11,407
69	78 126	2 696,081	27 327,510	10,136	9,670	69	88 090	3 039,925	35 050,120	11,530	11,064
70	76 437	2 512,190	24 631,429	9,805	9,338	70	87 123	2 863,413	32 010,195	11,179	10,713
71	74 634	2 336,124	22 119,239	9,468	9,002	71	86 082	2 694,477	29 146,781	10,817	10,351
72	72 706	2 167,403	19 783,115	9,128	8,661	72	84 934	2 531,928	26 452,305	10,447	9,981
73	70 591	2 004,144	17 615,712	8,790	8,323	73	83 620	2 374,044	23 920,376	10,076	9,609
74	68 328	1 847,518	15 611,568	8,450	7,984	74	82 170	2 221,799	21 546,332	9,698	9,231
75	65 861	1 696,031	13 764,050	8,115	7,649	75	80 582	2 075,109	19 324,533	9,313	8,846
76	63 245	1 551,110	12 068,019	7,780	7,314	76	78 787	1 932,260	17 249,424	8,927	8,461
77	60 452	1 412,009	10 516,909	7,448	6,982	77	76 790	1 793,602	15 317,164	8,540	8,073
78	57 448	1 277,938	9 104,900	7,125	6,658	78	74 566	1 658,733	13 523,562	8,153	7,687
79	54 252	1 149,371	7 826,962	6,810	6,343	79	72 086	1 527,206	11 864,829	7,769	7,303
80	50 965	1 028,322	6 677,591	6,494	6,027	80	69 379	1 399,865	10 337,622	7,385	6,918
81	47 504	912,852	5 649,268	6,189	5,722	81	66 370	1 275,380	8 937,757	7,008	6,542
82	43 948	804,297	4 736,416	5,889	5,422	82	63 085	1 154,528	7 662,377	6,637	6,170
83	40 329	702,924	3 932,119	5,594	5,128	83	59 498	1 037,021	6 507,850	6,276	5,809
84	36 688	609,003	3 229,195	5,302	4,836	84	55 633	923,483	5 470,829	5,924	5,458
85	33 009	521,840	2 620,193	5,021	4,555	85	51 517	814,436	4 547,346	5,583	5,117
86	29 285	440,931	2 098,353	4,759	4,293	86	47 123	709,494	3 732,909	5,261	4,795
87	25 606	367,177	1 657,422	4,514	4,048	87	42 568	610,402	3 023,415	4,953	4,487
88	21 973	300,078	1 290,245	4,300	3,833	88	37 687	514,679	2 413,013	4,688	4,222
89	18 659	242,680	990,166	4,080	3,614	89	32 959	428,672	1 898,334	4,428	3,962
90	15 592	193,141	747,487	3,870	3,404	90	28 352	351,198	1 469,661	4,185	3,718
91	12 944	152,706	554,345	3,630	3,164	91	24 151	284,906	1 118,464	3,926	3,459
92	10 431	117,190	401,639	3,427	2,961	92	19 969	224,358	833,558	3,715	3,249
93	8 165	87,363	284,449	3,256	2,790	93	16 195	173,294	609,200	3,515	3,049
94	6 252	63,717	197,086	3,093	2,627	94	12 845	130,897	435,906	3,330	2,864
95	4 671	45,335	133,368	2,942	2,475	95	9 950	96,566	305,009	3,159	2,692
96	3 400	31,425	88,033	2,801	2,335	96	7 517	69,486	208,443	3,000	2,533
97	2 407	21,193	56,608	2,671	2,205	97	5 533	48,707	138,957	2,853	2,387
98	1 656	13,887	35,414	2,550	2,084	98	3 962	33,216	90,250	2,717	2,251
99	1 106	8,830	21,527	2,438	1,972	99	2 756	22,008	57,034	2,591	2,125
100	715	5,440	12,697	2,334	1,867	100	1 861	14,150	35,026	2,475	2,009

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 944 439,453	19,444	18,978	0	100 000	100 000,000	1 960 024,611	19,600	19,133
1	99 594	94 625,947	1 844 439,453	19,492	19,025	1	99 680	94 707,875	1 860 024,611	19,640	19,173
2	99 558	89 873,887	1 749 813,507	19,470	19,003	2	99 652	89 958,144	1 765 316,736	19,624	19,157
3	99 539	85 374,430	1 659 939,620	19,443	18,976	3	99 636	85 457,141	1 675 358,592	19,605	19,138
4	99 524	81 103,601	1 574 565,189	19,414	18,947	4	99 621	81 182,791	1 589 901,451	19,584	19,117
5	99 510	77 046,949	1 493 461,589	19,384	18,917	5	99 609	77 124,049	1 508 718,659	19,562	19,095
6	99 498	73 195,282	1 416 414,639	19,351	18,884	6	99 600	73 270,378	1 431 594,610	19,539	19,072
7	99 488	69 536,879	1 343 219,357	19,317	18,850	7	99 592	69 609,979	1 358 324,232	19,513	19,047
8	99 478	66 061,904	1 273 682,478	19,280	18,813	8	99 584	66 132,222	1 288 714,253	19,487	19,020
9	99 469	62 760,621	1 207 620,573	19,242	18,775	9	99 578	62 829,563	1 222 582,030	19,459	18,992
10	99 460	59 624,924	1 144 859,953	19,201	18,734	10	99 572	59 691,757	1 159 752,468	19,429	18,962
11	99 451	56 645,694	1 085 235,028	19,158	18,692	11	99 564	56 709,689	1 100 060,711	19,398	18,931
12	99 442	53 814,904	1 028 589,334	19,113	18,647	12	99 556	53 876,661	1 043 351,022	19,366	18,899
13	99 431	51 125,203	974 774,430	19,066	18,600	13	99 548	51 185,302	989 474,361	19,331	18,864
14	99 422	48 570,762	923 649,227	19,017	18,550	14	99 538	48 627,332	938 289,059	19,296	18,829
15	99 406	46 140,382	875 078,465	18,966	18,499	15	99 526	46 196,021	889 661,727	19,258	18,792
16	99 386	43 830,087	828 938,082	18,913	18,446	16	99 512	43 885,757	843 465,705	19,220	18,753
17	99 357	41 631,439	785 107,996	18,859	18,392	17	99 496	41 689,978	799 579,949	19,179	18,712
18	99 323	39 541,306	743 476,557	18,803	18,336	18	99 479	39 603,477	757 889,971	19,137	18,670
19	99 268	37 548,058	703 935,251	18,748	18,281	19	99 457	37 619,787	718 286,494	19,093	18,627
20	99 213	35 655,661	666 387,192	18,690	18,223	20	99 436	35 735,579	680 666,707	19,047	18,581
21	99 154	33 856,874	630 731,532	18,629	18,163	21	99 415	33 945,881	644 931,128	18,999	18,532
22	99 098	32 149,911	596 874,657	18,565	18,099	22	99 393	32 245,647	610 985,247	18,948	18,481
23	99 043	30 529,047	564 724,746	18,498	18,031	23	99 371	30 630,154	578 739,600	18,894	18,428
24	98 988	28 990,245	534 195,699	18,427	17,960	24	99 348	29 095,664	548 109,446	18,838	18,371
25	98 931	27 528,307	505 205,453	18,352	17,885	25	99 325	27 638,052	519 013,782	18,779	18,312
26	98 872	26 139,660	477 677,146	18,274	17,807	26	99 303	26 253,580	491 375,730	18,717	18,250
27	98 812	24 820,614	451 537,486	18,192	17,725	27	99 277	24 937,355	465 122,150	18,652	18,185
28	98 749	23 567,605	426 716,872	18,106	17,639	28	99 251	23 687,333	440 184,795	18,583	18,116
29	98 688	22 378,148	403 149,267	18,015	17,549	29	99 225	22 499,934	416 497,463	18,511	18,044
30	98 625	21 248,219	380 771,119	17,920	17,453	30	99 198	21 371,680	393 997,529	18,435	17,969
31	98 559	20 174,921	359 522,900	17,820	17,353	31	99 171	20 300,062	372 625,849	18,356	17,889
32	98 486	19 154,362	339 347,980	17,716	17,250	32	99 138	19 281,181	352 325,787	18,273	17,806
33	98 413	18 185,333	320 193,617	17,607	17,140	33	99 104	18 313,067	333 044,606	18,186	17,719
34	98 341	17 265,677	302 008,285	17,492	17,025	34	99 068	17 393,294	314 731,539	18,095	17,628
35	98 262	16 391,190	284 742,607	17,372	16,905	35	99 028	16 518,988	297 338,245	18,000	17,533
36	98 177	15 560,098	268 351,418	17,246	16,779	36	98 986	15 688,312	280 819,257	17,900	17,433
37	98 087	14 770,455	252 791,320	17,115	16,648	37	98 939	14 898,809	265 130,944	17,795	17,329
38	97 990	14 019,826	238 020,865	16,977	16,511	38	98 887	14 148,182	250 232,135	17,687	17,220
39	97 885	13 306,158	224 001,039	16,834	16,368	39	98 829	13 434,528	236 083,953	17,573	17,106
40	97 770	12 627,590	210 694,880	16,685	16,218	40	98 760	12 755,421	222 649,425	17,455	16,988
41	97 636	11 981,353	198 067,290	16,531	16,065	41	98 689	12 110,526	209 894,004	17,332	16,865
42	97 491	11 366,799	186 085,937	16,371	15,904	42	98 607	11 496,877	197 783,478	17,203	16,736
43	97 334	10 782,393	174 719,138	16,204	15,737	43	98 514	10 913,065	186 286,601	17,070	16,603
44	97 147	10 224,853	163 936,745	16,033	15,566	44	98 410	10 357,763	175 373,536	16,932	16,465
45	96 940	9 694,150	153 711,893	15,856	15,389	45	98 299	9 829,977	165 015,773	16,787	16,320
46	96 707	9 188,392	144 017,742	15,674	15,207	46	98 166	9 327,013	155 185,796	16,638	16,172
47	96 440	8 706,017	134 829,350	15,487	15,020	47	98 013	8 848,026	145 858,783	16,485	16,018
48	96 142	8 246,163	126 123,333	15,295	14,828	48	97 843	8 392,087	137 010,757	16,326	15,859
49	95 802	7 807,166	117 877,170	15,099	14,632	49	97 662	7 958,704	128 618,671	16,161	15,694



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	7 388,840	110 070,004	14,897	14,430	50	97 458	7 545,895	120 659,966	15,990	15,523
51	95 022	6 990,286	102 681,164	14,689	14,222	51	97 230	7 152,745	113 114,071	15,814	15,347
52	94 565	6 609,715	95 690,878	14,477	14,011	52	96 988	6 779,030	105 961,327	15,631	15,164
53	94 068	6 246,984	89 081,162	14,260	13,793	53	96 719	6 423,037	99 182,297	15,442	14,975
54	93 528	5 901,324	82 834,178	14,037	13,570	54	96 425	6 084,101	92 759,260	15,246	14,779
55	92 929	5 571,028	76 932,854	13,809	13,343	55	96 118	5 762,200	86 675,159	15,042	14,575
56	92 288	5 256,624	71 361,826	13,576	13,109	56	95 772	5 455,079	80 912,959	14,833	14,366
57	91 600	4 957,213	66 105,202	13,335	12,868	57	95 409	5 163,314	75 457,880	14,614	14,147
58	90 871	4 672,429	61 147,989	13,087	12,620	58	95 015	4 885,519	70 294,565	14,388	13,922
59	90 067	4 400,107	56 475,561	12,835	12,368	59	94 582	4 620,659	65 409,046	14,156	13,689
60	89 203	4 140,502	52 075,453	12,577	12,110	60	94 130	4 369,197	60 788,387	13,913	13,446
61	88 257	3 892,256	47 934,952	12,315	11,849	61	93 615	4 128,557	56 419,190	13,666	13,199
62	87 265	3 656,531	44 042,695	12,045	11,578	62	93 083	3 900,318	52 290,633	13,407	12,940
63	86 192	3 431,428	40 386,164	11,769	11,303	63	92 499	3 682,512	48 390,316	13,141	12,674
64	85 060	3 217,445	36 954,737	11,486	11,019	64	91 882	3 475,492	44 707,803	12,864	12,397
65	83 838	3 013,018	33 737,292	11,197	10,730	65	91 221	3 278,368	41 232,312	12,577	12,110
66	82 531	2 818,105	30 724,274	10,902	10,436	66	90 515	3 090,723	37 953,944	12,280	11,813
67	81 155	2 632,900	27 906,169	10,599	10,132	67	89 771	2 912,416	34 863,221	11,971	11,504
68	79 692	2 456,470	25 273,269	10,288	9,822	68	88 961	2 742,182	31 950,805	11,652	11,185
69	78 126	2 288,070	22 816,799	9,972	9,505	69	88 090	2 579,879	29 208,623	11,322	10,855
70	76 437	2 126,944	20 528,729	9,652	9,185	70	87 123	2 424,307	26 628,744	10,984	10,517
71	74 634	1 973,180	18 401,785	9,326	8,859	71	86 082	2 275,859	24 204,436	10,635	10,169
72	72 706	1 826,323	16 428,605	8,995	8,529	72	84 934	2 133,484	21 928,578	10,278	9,812
73	70 591	1 684,744	14 602,281	8,667	8,201	73	83 620	1 995,694	19 795,094	9,919	9,452
74	68 328	1 549,392	12 917,537	8,337	7,870	74	82 170	1 863,276	17 799,400	9,553	9,086
75	65 861	1 418,970	11 368,145	8,012	7,545	75	80 582	1 736,123	15 936,124	9,179	8,712
76	63 245	1 294,641	9 949,175	7,685	7,218	76	78 787	1 612,770	14 200,001	8,805	8,338
77	60 452	1 175,740	8 654,534	7,361	6,894	77	76 790	1 493,482	12 587,231	8,428	7,961
78	57 448	1 061,576	7 478,794	7,045	6,578	78	74 566	1 377,900	11 093,748	8,051	7,584
79	54 252	952,508	6 417,218	6,737	6,270	79	72 086	1 265,628	9 715,848	7,677	7,210
80	50 965	850,168	5 464,710	6,428	5,961	80	69 379	1 157,342	8 450,220	7,301	6,835
81	47 504	752,910	4 614,542	6,129	5,662	81	66 370	1 051,919	7 292,878	6,933	6,466
82	43 948	661,799	3 861,631	5,835	5,368	82	63 085	949,980	6 240,959	6,570	6,103
83	40 329	577,013	3 199,832	5,546	5,079	83	59 498	851,265	5 290,980	6,215	5,749
84	36 688	498,728	2 622,819	5,259	4,792	84	55 633	756,264	4 439,715	5,871	5,404
85	33 009	426,333	2 124,091	4,982	4,515	85	51 517	665,378	3 683,451	5,536	5,069
86	29 285	359,376	1 697,759	4,724	4,257	86	47 123	578,266	3 018,073	5,219	4,752
87	25 606	298,553	1 338,383	4,483	4,016	87	42 568	496,320	2 439,807	4,916	4,449
88	21 973	243,415	1 039,829	4,272	3,805	88	37 687	417,493	1 943,486	4,655	4,188
89	18 659	196,388	796,414	4,055	3,589	89	32 959	346,901	1 525,993	4,399	3,932
90	15 592	155,928	600,027	3,848	3,381	90	28 352	283,530	1 179,092	4,159	3,692
91	12 944	122,990	444,099	3,611	3,144	91	24 151	229,465	895,562	3,903	3,436
92	10 431	94,161	321,108	3,410	2,943	92	19 969	180,270	666,097	3,695	3,228
93	8 165	70,029	226,947	3,241	2,774	93	16 195	138,909	485,827	3,497	3,031
94	6 252	50,954	156,918	3,080	2,613	94	12 845	104,676	346,917	3,314	2,847
95	4 671	36,168	105,965	2,930	2,463	95	9 950	77,038	242,241	3,144	2,678
96	3 400	25,011	69,797	2,791	2,324	96	7 517	55,303	165,203	2,987	2,520
97	2 407	16,827	44,786	2,661	2,195	97	5 533	38,673	109,900	2,842	2,375
98	1 656	11,000	27,959	2,542	2,075	98	3 962	26,310	71,227	2,707	2,240
99	1 106	6,978	16,958	2,430	1,964	99	2 756	17,392	44,916	2,583	2,116
100	715	4,289	9,981	2,327	1,860	100	1 861	11,155	27,525	2,467	2,001

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 867 189,460	18,672	18,205	0	100 000	100 000,000	1 880 794,260	18,808	18,341
1	99 594	94 401,715	1 767 189,460	18,720	18,253	1	99 680	94 483,449	1 780 794,260	18,848	18,380
2	99 558	89 448,449	1 672 787,745	18,701	18,234	2	99 652	89 532,307	1 686 310,811	18,835	18,367
3	99 539	84 768,940	1 583 339,296	18,678	18,211	3	99 636	84 851,065	1 596 778,504	18,819	18,351
4	99 524	80 337,574	1 498 570,356	18,653	18,186	4	99 621	80 416,017	1 511 927,439	18,801	18,334
5	99 510	76 138,387	1 418 232,782	18,627	18,160	5	99 609	76 214,578	1 431 511,422	18,783	18,315
6	99 498	72 160,737	1 342 094,395	18,599	18,131	6	99 600	72 234,771	1 355 296,844	18,762	18,295
7	99 488	68 391,592	1 269 933,658	18,569	18,101	7	99 592	68 463,488	1 283 062,073	18,741	18,274
8	99 478	64 819,884	1 201 542,066	18,537	18,069	8	99 584	64 888,880	1 214 598,585	18,718	18,251
9	99 469	61 434,741	1 136 722,182	18,503	18,036	9	99 578	61 502,227	1 149 709,706	18,694	18,227
10	99 460	58 226,983	1 075 287,441	18,467	18,000	10	99 572	58 292,249	1 088 207,479	18,668	18,201
11	99 451	55 186,518	1 017 060,458	18,430	17,962	11	99 564	55 248,865	1 029 915,230	18,641	18,174
12	99 442	52 304,410	961 873,939	18,390	17,923	12	99 556	52 364,433	974 666,365	18,613	18,146
13	99 431	49 572,456	909 569,529	18,348	17,881	13	99 548	49 630,729	922 301,932	18,583	18,116
14	99 422	46 983,996	859 997,074	18,304	17,837	14	99 538	47 038,718	872 671,203	18,552	18,085
15	99 406	44 527,249	813 013,078	18,259	17,792	15	99 526	44 580,943	825 632,485	18,520	18,053
16	99 386	42 197,493	768 485,830	18,212	17,744	16	99 512	42 251,089	781 051,543	18,486	18,019
17	99 357	39 985,763	726 288,337	18,164	17,696	17	99 496	40 041,988	738 800,454	18,451	17,983
18	99 323	37 888,256	686 302,574	18,114	17,647	18	99 479	37 947,828	698 758,466	18,414	17,946
19	99 268	35 893,081	648 414,318	18,065	17,598	19	99 457	35 961,648	660 810,638	18,375	17,908
20	99 213	34 003,325	612 521,237	18,014	17,546	20	99 436	34 079,540	624 848,990	18,335	17,868
21	99 154	32 211,385	578 517,912	17,960	17,493	21	99 415	32 296,066	590 769,450	18,292	17,825
22	99 098	30 514,901	546 306,526	17,903	17,436	22	99 393	30 605,768	558 473,384	18,247	17,780
23	99 043	28 907,803	515 791,625	17,843	17,375	23	99 371	29 003,540	527 867,616	18,200	17,733
24	98 988	27 385,670	486 883,823	17,779	17,312	24	99 348	27 485,254	498 864,076	18,150	17,683
25	98 931	25 943,026	459 498,153	17,712	17,245	25	99 325	26 046,450	471 378,822	18,098	17,630
26	98 872	24 575,972	433 555,127	17,641	17,174	26	99 303	24 683,077	445 332,372	18,042	17,575
27	98 812	23 280,534	408 979,155	17,567	17,100	27	99 277	23 390,031	420 649,295	17,984	17,517
28	98 749	22 052,890	385 698,621	17,490	17,023	28	99 251	22 164,923	397 259,264	17,923	17,456
29	98 688	20 890,260	363 645,732	17,407	16,940	29	99 225	21 003,948	375 094,341	17,858	17,391
30	98 625	19 788,455	342 755,472	17,321	16,854	30	99 198	19 903,434	354 090,393	17,790	17,323
31	98 559	18 744,369	322 967,017	17,230	16,763	31	99 171	18 860,637	334 186,959	17,719	17,252
32	98 486	17 754,005	304 222,648	17,135	16,668	32	99 138	17 871,552	315 326,322	17,644	17,177
33	98 413	16 815,877	286 468,643	17,036	16,568	33	99 104	16 933,993	297 454,770	17,566	17,098
34	98 341	15 927,644	269 652,766	16,930	16,463	34	99 068	16 045,371	280 520,777	17,483	17,016
35	98 262	15 085,095	253 725,122	16,820	16,352	35	99 028	15 202,710	264 475,407	17,397	16,929
36	98 177	14 286,293	238 640,027	16,704	16,237	36	98 986	14 404,011	249 272,696	17,306	16,839
37	98 087	13 529,157	224 353,734	16,583	16,116	37	98 939	13 646,724	234 868,685	17,211	16,743
38	97 990	12 811,180	210 824,577	16,456	15,989	38	98 887	12 928,471	221 221,961	17,111	16,644
39	97 885	12 130,224	198 013,397	16,324	15,857	39	98 829	12 247,250	208 293,490	17,007	16,540
40	97 770	11 484,346	185 883,173	16,186	15,719	40	98 760	11 600,603	196 046,241	16,900	16,432
41	97 636	10 870,795	174 398,827	16,043	15,576	41	98 689	10 987,995	184 445,637	16,786	16,319
42	97 491	10 288,765	163 528,032	15,894	15,427	42	98 607	10 406,506	173 457,642	16,668	16,201
43	97 334	9 736,657	153 239,267	15,738	15,271	43	98 514	9 854,656	163 051,136	16,546	16,078
44	97 147	9 211,311	143 502,609	15,579	15,112	44	98 410	9 331,047	153 196,480	16,418	15,951
45	96 940	8 712,520	134 291,299	15,414	14,946	45	98 299	8 834,592	143 865,433	16,284	15,817
46	96 707	8 238,406	125 578,779	15,243	14,776	46	98 166	8 362,695	135 030,841	16,147	15,680
47	96 440	7 787,406	117 340,373	15,068	14,601	47	98 013	7 914,431	126 668,146	16,005	15,538
48	96 142	7 358,595	109 552,967	14,888	14,421	48	97 843	7 488,812	118 753,715	15,857	15,390
49	95 802	6 950,340	102 194,373	14,704	14,236	49	97 662	7 085,247	111 264,904	15,704	15,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	6 562,337	95 244,033	14,514	14,047	50	97 458	6 701,823	104 179,657	15,545	15,078
51	95 022	6 193,652	88 681,696	14,318	13,851	51	97 230	6 337,597	97 477,834	15,381	14,914
52	94 565	5 842,575	82 488,044	14,118	13,651	52	96 988	5 992,238	91 140,236	15,210	14,743
53	94 068	5 508,858	76 645,469	13,913	13,446	53	96 719	5 664,109	85 147,998	15,033	14,566
54	93 528	5 191,708	71 136,610	13,702	13,235	54	96 425	5 352,507	79 483,889	14,850	14,383
55	92 929	4 889,516	65 944,902	13,487	13,020	55	96 118	5 057,301	74 131,383	14,658	14,191
56	92 288	4 602,640	61 055,387	13,265	12,798	56	95 772	4 776,405	69 074,081	14,462	13,994
57	91 600	4 330,194	56 452,747	13,037	12,570	57	95 409	4 510,226	64 297,676	14,256	13,789
58	90 871	4 071,759	52 122,553	12,801	12,334	58	95 015	4 257,456	59 787,450	14,043	13,576
59	90 067	3 825,360	48 050,794	12,561	12,094	59	94 582	4 017,103	55 529,994	13,823	13,356
60	89 203	3 591,135	44 225,434	12,315	11,848	60	94 130	3 789,486	51 512,891	13,594	13,126
61	88 257	3 367,827	40 634,299	12,065	11,598	61	93 615	3 572,289	47 723,405	13,359	12,892
62	87 265	3 156,365	37 266,472	11,807	11,340	62	93 083	3 366,805	44 151,116	13,114	12,646
63	86 192	2 955,034	34 110,107	11,543	11,076	63	92 499	3 171,260	40 784,311	12,861	12,393
64	85 060	2 764,193	31 155,073	11,271	10,804	64	91 882	2 985,888	37 613,051	12,597	12,130
65	83 838	2 582,430	28 390,880	10,994	10,527	65	91 221	2 809,860	34 627,163	12,323	11,856
66	82 531	2 409,649	25 808,450	10,710	10,243	66	90 515	2 642,753	31 817,303	12,039	11,572
67	81 155	2 245,952	23 398,801	10,418	9,951	67	89 771	2 484,389	29 174,550	11,743	11,276
68	79 692	2 090,486	21 152,849	10,119	9,651	68	88 961	2 333,631	26 690,161	11,437	10,970
69	78 126	1 942,562	19 062,363	9,813	9,346	69	88 090	2 190,306	24 356,530	11,120	10,653
70	76 437	1 801,487	17 119,801	9,503	9,036	70	87 123	2 053,349	22 166,224	10,795	10,328
71	74 634	1 667,291	15 318,313	9,188	8,720	71	86 082	1 923,048	20 112,875	10,459	9,992
72	72 706	1 539,544	13 651,022	8,867	8,400	72	84 934	1 798,473	18 189,827	10,114	9,647
73	70 591	1 416,831	12 111,478	8,548	8,081	73	83 620	1 678,333	16 391,355	9,766	9,299
74	68 328	1 299,915	10 694,647	8,227	7,760	74	82 170	1 563,259	14 713,022	9,412	8,945
75	65 861	1 187,672	9 394,732	7,910	7,443	75	80 582	1 453,128	13 149,763	9,049	8,582
76	63 245	1 081,041	8 207,060	7,592	7,125	76	78 787	1 346,683	11 696,635	8,686	8,218
77	60 452	979,432	7 126,018	7,276	6,808	77	76 790	1 244,121	10 349,952	8,319	7,852
78	57 448	882,233	6 146,587	6,967	6,500	78	74 566	1 145,117	9 105,830	7,952	7,485
79	54 252	789,715	5 264,354	6,666	6,199	79	72 086	1 049,320	7 960,713	7,587	7,119
80	50 965	703,196	4 474,638	6,363	5,896	80	69 379	957,268	6 911,393	7,220	6,753
81	47 504	621,276	3 771,442	6,070	5,603	81	66 370	868,008	5 954,125	6,860	6,392
82	43 948	544,800	3 150,166	5,782	5,315	82	63 085	782,033	5 086,118	6,504	6,037
83	40 329	473,877	2 605,366	5,498	5,031	83	59 498	699,110	4 304,085	6,157	5,689
84	36 688	408,614	2 131,489	5,216	4,749	84	55 633	619,617	3 604,975	5,818	5,351
85	33 009	348,473	1 722,874	4,944	4,477	85	51 517	543,862	2 985,358	5,489	5,022
86	29 285	293,048	1 374,402	4,690	4,223	86	47 123	471,538	2 441,496	5,178	4,711
87	25 606	242,874	1 081,354	4,452	3,985	87	42 568	403,758	1 969,958	4,879	4,412
88	21 973	197,550	838,480	4,244	3,777	88	37 687	338,827	1 566,200	4,622	4,155
89	18 659	159,006	640,930	4,031	3,564	89	32 959	280,869	1 227,373	4,370	3,903
90	15 592	125,948	481,924	3,826	3,359	90	28 352	229,017	946,503	4,133	3,666
91	12 944	99,108	355,977	3,592	3,125	91	24 151	184,907	717,487	3,880	3,413
92	10 431	75,697	256,868	3,393	2,926	92	19 969	144,921	532,579	3,675	3,208
93	8 165	56,164	181,171	3,226	2,759	93	16 195	111,406	387,658	3,480	3,013
94	6 252	40,768	125,008	3,066	2,599	94	12 845	83,752	276,252	3,298	2,831
95	4 671	28,869	84,239	2,918	2,451	95	9 950	61,493	192,501	3,130	2,663
96	3 400	19,917	55,370	2,780	2,313	96	7 517	44,039	131,008	2,975	2,508
97	2 407	13,368	35,454	2,652	2,185	97	5 533	30,723	86,969	2,831	2,364
98	1 656	8,718	22,085	2,533	2,066	98	3 962	20,852	56,246	2,697	2,230
99	1 106	5,517	13,367	2,423	1,956	99	2 756	13,751	35,394	2,574	2,107
100	715	3,383	7,850	2,320	1,853	100	1 861	8,799	21,643	2,460	1,992

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 795 702,228	17,957	17,489	0	100 000	100 000,000	1 807 620,457	18,076	17,609
1	99 594	94 178,543	1 695 702,228	18,005	17,538	1	99 680	94 260,084	1 707 620,457	18,116	17,648
2	99 558	89 026,025	1 601 523,685	17,989	17,522	2	99 652	89 109,487	1 613 360,373	18,105	17,638
3	99 539	84 169,162	1 512 497,660	17,970	17,502	3	99 636	84 250,706	1 524 250,886	18,092	17,624
4	99 524	79 580,571	1 428 328,498	17,948	17,481	4	99 621	79 658,274	1 440 000,180	18,077	17,610
5	99 510	75 242,651	1 348 747,927	17,925	17,458	5	99 609	75 317,946	1 360 341,906	18,061	17,594
6	99 498	71 143,211	1 273 505,276	17,901	17,433	6	99 600	71 216,201	1 285 023,960	18,044	17,576
7	99 488	67 267,811	1 202 362,066	17,874	17,407	7	99 592	67 338,526	1 213 807,759	18,025	17,558
8	99 478	63 604,071	1 135 094,254	17,846	17,379	8	99 584	63 671,773	1 146 469,234	18,006	17,538
9	99 469	60 139,912	1 071 490,183	17,817	17,349	9	99 578	60 205,975	1 082 797,460	17,985	17,517
10	99 460	56 865,011	1 011 350,271	17,785	17,318	10	99 572	56 928,750	1 022 591,486	17,963	17,495
11	99 451	53 768,252	954 485,261	17,752	17,284	11	99 564	53 828,996	965 662,736	17,939	17,472
12	99 442	50 839,739	900 717,009	17,717	17,249	12	99 556	50 898,081	911 833,740	17,915	17,447
13	99 431	48 070,376	849 877,270	17,680	17,212	13	99 548	48 126,884	860 935,659	17,889	17,421
14	99 422	45 452,641	801 806,894	17,640	17,173	14	99 538	45 505,579	812 808,775	17,862	17,394
15	99 406	42 974,132	756 354,254	17,600	17,133	15	99 526	43 025,953	767 303,196	17,833	17,366
16	99 386	40 629,360	713 380,121	17,558	17,091	16	99 512	40 680,965	724 277,243	17,804	17,336
17	99 357	38 408,806	672 750,761	17,516	17,048	17	99 496	38 462,813	683 596,278	17,773	17,305
18	99 323	36 307,983	634 341,955	17,471	17,004	18	99 479	36 365,070	645 133,464	17,740	17,273
19	99 268	34 314,709	598 033,972	17,428	16,960	19	99 457	34 380,262	608 768,394	17,707	17,239
20	99 213	32 431,203	563 719,263	17,382	16,914	20	99 436	32 503,894	574 388,133	17,671	17,204
21	99 154	30 649,483	531 288,060	17,334	16,867	21	99 415	30 730,058	541 884,239	17,634	17,166
22	99 098	28 966,619	500 638,576	17,283	16,816	22	99 393	29 052,875	511 154,181	17,594	17,126
23	99 043	27 376,190	471 671,957	17,229	16,762	23	99 371	27 466,855	482 101,306	17,552	17,085
24	98 988	25 873,392	444 295,768	17,172	16,704	24	99 348	25 967,477	454 634,451	17,508	17,040
25	98 931	24 452,469	418 422,375	17,112	16,644	25	99 325	24 549,951	428 666,974	17,461	16,993
26	98 872	23 109,198	393 969,906	17,048	16,581	26	99 303	23 209,911	404 117,022	17,411	16,944
27	98 812	21 839,324	370 860,708	16,981	16,514	27	99 277	21 942,043	380 907,111	17,360	16,892
28	98 749	20 638,772	349 021,384	16,911	16,443	28	99 251	20 743,620	358 965,069	17,305	16,837
29	98 688	19 504,475	328 382,613	16,836	16,369	29	99 225	19 610,622	338 221,448	17,247	16,779
30	98 625	18 432,082	308 878,138	16,758	16,290	30	99 198	18 539,180	318 610,826	17,186	16,718
31	98 559	17 418,286	290 446,056	16,675	16,207	31	99 171	17 526,328	300 071,647	17,121	16,654
32	98 486	16 458,983	273 027,770	16,588	16,121	32	99 138	16 567,957	282 545,318	17,054	16,586
33	98 413	15 552,431	256 568,787	16,497	16,029	33	99 104	15 661,672	265 977,362	16,983	16,515
34	98 341	14 696,110	241 016,355	16,400	15,932	34	99 068	14 804,734	250 315,690	16,908	16,440
35	98 262	13 885,802	226 320,246	16,299	15,831	35	99 028	13 994,067	235 510,956	16,829	16,362
36	98 177	13 119,417	212 434,443	16,192	15,725	36	98 986	13 227,521	221 516,889	16,747	16,279
37	98 087	12 394,752	199 315,026	16,081	15,613	37	98 939	12 502,461	208 289,368	16,660	16,192
38	97 990	11 709,229	186 920,274	15,963	15,496	38	98 887	11 816,431	195 786,907	16,569	16,101
39	97 885	11 060,636	175 211,045	15,841	15,373	39	98 829	11 167,342	183 970,476	16,474	16,006
40	97 770	10 446,952	164 150,409	15,713	15,245	40	98 760	10 552,708	172 803,134	16,375	15,908
41	97 636	9 865,446	153 703,457	15,580	15,112	41	98 689	9 971,807	162 250,426	16,271	15,803
42	97 491	9 315,170	143 838,011	15,441	14,974	42	98 607	9 421,769	152 278,618	16,162	15,695
43	97 334	8 794,466	134 522,841	15,296	14,829	43	98 514	8 901,047	142 856,849	16,049	15,582
44	97 147	8 300,287	125 728,375	15,147	14,680	44	98 410	8 408,181	133 955,803	15,932	15,464
45	96 940	7 832,268	117 428,088	14,993	14,525	45	98 299	7 942,007	125 547,622	15,808	15,340
46	96 707	7 388,547	109 595,820	14,833	14,366	46	98 166	7 500,014	117 605,615	15,681	15,213
47	96 440	6 967,560	102 207,273	14,669	14,201	47	98 013	7 081,213	110 105,601	15,549	15,081
48	96 142	6 568,329	95 239,713	14,500	14,032	48	97 843	6 684,561	103 024,388	15,412	14,945
49	95 802	6 189,251	88 671,384	14,327	13,859	49	97 662	6 309,386	96 339,827	15,269	14,802

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 5,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	5 829,922	82 482,133	14,148	13,680	50	97 458	5 953,840	90 030,441	15,121	14,654
51	95 022	5 489,377	76 652,211	13,964	13,496	51	97 230	5 616,954	84 076,601	14,968	14,501
52	94 565	5 165,979	71 162,834	13,775	13,308	52	96 988	5 298,311	78 459,647	14,808	14,341
53	94 068	4 859,393	65 996,855	13,581	13,114	53	96 719	4 996,340	73 161,336	14,643	14,175
54	93 528	4 568,807	61 137,462	13,381	12,914	54	96 425	4 710,313	68 164,996	14,471	14,004
55	92 929	4 292,699	56 568,655	13,178	12,710	55	96 118	4 440,005	63 454,683	14,292	13,824
56	92 288	4 031,287	52 275,956	12,968	12,500	56	95 772	4 183,481	59 014,678	14,107	13,639
57	91 600	3 783,695	48 244,669	12,751	12,283	57	95 409	3 941,006	54 831,197	13,913	13,445
58	90 871	3 549,465	44 460,975	12,526	12,059	58	95 015	3 711,342	50 890,191	13,712	13,244
59	90 067	3 326,789	40 911,509	12,298	11,830	59	94 582	3 493,541	47 178,849	13,505	13,037
60	89 203	3 115,708	37 584,720	12,063	11,595	60	94 130	3 287,799	43 685,308	13,287	12,820
61	88 257	2 915,056	34 469,013	11,824	11,357	61	93 615	3 092,030	40 397,508	13,065	12,597
62	87 265	2 725,564	31 553,957	11,577	11,109	62	93 083	2 907,282	37 305,478	12,832	12,364
63	86 192	2 545,680	28 828,393	11,324	10,857	63	92 499	2 731,952	34 398,196	12,591	12,123
64	85 060	2 375,646	26 282,713	11,063	10,596	64	91 882	2 566,178	31 666,244	12,340	11,872
65	83 838	2 214,186	23 907,067	10,797	10,330	65	91 221	2 409,185	29 100,065	12,079	11,611
66	82 531	2 061,158	21 692,882	10,525	10,057	66	90 515	2 260,550	26 690,881	11,807	11,340
67	81 155	1 916,594	19 631,723	10,243	9,775	67	89 771	2 120,065	24 430,331	11,523	11,056
68	79 692	1 779,709	17 715,129	9,954	9,486	68	88 961	1 986,707	22 310,266	11,230	10,762
69	78 126	1 649,866	15 935,421	9,659	9,191	69	88 090	1 860,281	20 323,558	10,925	10,457
70	76 437	1 526,431	14 285,555	9,359	8,891	70	87 123	1 739,837	18 463,277	10,612	10,144
71	74 634	1 409,384	12 759,124	9,053	8,585	71	86 082	1 625,579	16 723,440	10,288	9,820
72	72 706	1 298,321	11 349,740	8,742	8,274	72	84 934	1 516,680	15 097,861	9,955	9,487
73	70 591	1 192,011	10 051,419	8,432	7,965	73	83 620	1 412,018	13 581,182	9,618	9,151
74	68 328	1 091,061	8 859,408	8,120	7,652	74	82 170	1 312,094	12 169,164	9,275	8,807
75	65 861	994,496	7 768,347	7,811	7,344	75	80 582	1 216,775	10 857,070	8,923	8,455
76	63 245	903,069	6 773,851	7,501	7,033	76	78 787	1 124,977	9 640,295	8,569	8,102
77	60 452	816,253	5 870,782	7,192	6,725	77	76 790	1 036,843	8 515,317	8,213	7,745
78	57 448	733,510	5 054,530	6,891	6,423	78	74 566	952,078	7 478,474	7,855	7,387
79	54 252	655,036	4 321,020	6,597	6,129	79	72 086	870,367	6 526,396	7,498	7,031
80	50 965	581,893	3 665,984	6,300	5,833	80	69 379	792,137	5 656,029	7,140	6,673
81	47 504	512,889	3 084,091	6,013	5,546	81	66 370	716,576	4 863,892	6,788	6,320
82	43 948	448,692	2 571,202	5,730	5,263	82	63 085	644,074	4 147,316	6,439	5,972
83	40 329	389,358	2 122,510	5,451	4,984	83	59 498	574,418	3 503,242	6,099	5,631
84	36 688	334,941	1 733,153	5,174	4,707	84	55 633	507,900	2 928,823	5,767	5,299
85	33 009	284,968	1 398,211	4,907	4,439	85	51 517	444,750	2 420,923	5,443	4,976
86	29 285	239,077	1 113,244	4,656	4,189	86	47 123	384,695	1 976,173	5,137	4,669
87	25 606	197,675	874,167	4,422	3,955	87	42 568	328,619	1 591,479	4,843	4,375
88	21 973	160,406	676,491	4,217	3,750	88	37 687	275,120	1 262,860	4,590	4,123
89	18 659	128,804	516,086	4,007	3,539	89	32 959	227,520	987,740	4,341	3,874
90	15 592	101,784	387,282	3,805	3,337	90	28 352	185,078	760,220	4,108	3,640
91	12 944	79,904	285,498	3,573	3,105	91	24 151	149,078	575,142	3,858	3,390
92	10 431	60,885	205,594	3,377	2,909	92	19 969	116,564	426,064	3,655	3,188
93	8 165	45,067	144,709	3,211	2,743	93	16 195	89,395	309,501	3,462	2,995
94	6 252	32,636	99,642	3,053	2,586	94	12 845	67,045	220,106	3,283	2,815
95	4 671	23,056	67,006	2,906	2,439	95	9 950	49,110	153,060	3,117	2,649
96	3 400	15,868	43,950	2,770	2,302	96	7 517	35,088	103,950	2,963	2,495
97	2 407	10,626	28,082	2,643	2,175	97	5 533	24,421	68,863	2,820	2,352
98	1 656	6,913	17,456	2,525	2,057	98	3 962	16,536	44,442	2,688	2,220
99	1 106	4,365	10,542	2,415	1,948	99	2 756	10,879	27,906	2,565	2,098
100	715	2,670	6,178	2,314	1,846	100	1 861	6,945	17,028	2,452	1,984

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 729 405,429	17,294	16,826	0	100 000	100 000,000	1 739 884,026	17,399	16,931
1	99 594	93 956,423	1 629 405,429	17,342	16,874	1	99 680	94 037,772	1 639 884,026	17,439	16,971
2	99 558	88 606,586	1 535 449,006	17,329	16,861	2	99 652	88 689,655	1 545 846,254	17,430	16,962
3	99 539	83 575,029	1 446 842,420	17,312	16,844	3	99 636	83 655,997	1 457 156,599	17,418	16,950
4	99 524	78 832,462	1 363 267,391	17,293	16,825	4	99 621	78 909,436	1 373 500,602	17,406	16,938
5	99 510	74 359,531	1 284 434,928	17,273	16,805	5	99 609	74 433,942	1 294 591,166	17,392	16,925
6	99 498	70 142,384	1 210 075,397	17,252	16,784	6	99 600	70 214,348	1 220 157,224	17,378	16,910
7	99 488	66 165,085	1 139 933,013	17,229	16,761	7	99 592	66 234,640	1 149 942,876	17,362	16,894
8	99 478	62 413,854	1 073 767,928	17,204	16,736	8	99 584	62 480,289	1 083 708,237	17,345	16,877
9	99 469	58 875,334	1 011 354,074	17,178	16,710	9	99 578	58 940,008	1 021 227,947	17,327	16,859
10	99 460	55 538,000	952 478,740	17,150	16,682	10	99 572	55 600,251	962 287,940	17,307	16,839
11	99 451	52 389,654	896 940,740	17,121	16,653	11	99 564	52 448,841	906 687,689	17,287	16,819
12	99 442	49 419,397	844 551,086	17,089	16,621	12	99 556	49 476,109	854 238,847	17,266	16,798
13	99 431	46 617,197	795 131,689	17,057	16,589	13	99 548	46 671,997	804 762,738	17,243	16,775
14	99 422	43 974,638	748 514,492	17,022	16,554	14	99 538	44 025,855	758 090,741	17,219	16,751
15	99 406	41 478,666	704 539,854	16,986	16,518	15	99 526	41 528,683	714 064,886	17,194	16,727
16	99 386	39 123,001	663 061,189	16,948	16,480	16	99 512	39 172,692	672 536,203	17,168	16,701
17	99 357	36 897,547	623 938,188	16,910	16,442	17	99 496	36 949,429	633 363,511	17,141	16,673
18	99 323	34 797,121	587 040,641	16,870	16,402	18	99 479	34 851,833	596 414,082	17,113	16,645
19	99 268	32 809,229	552 243,520	16,832	16,364	19	99 457	32 871,906	561 562,249	17,083	16,615
20	99 213	30 935,225	519 434,291	16,791	16,323	20	99 436	31 004,563	528 690,343	17,052	16,584
21	99 154	29 166,740	488 499,066	16,748	16,281	21	99 415	29 243,416	497 685,781	17,019	16,551
22	99 098	27 500,275	459 332,326	16,703	16,235	22	99 393	27 582,165	468 442,365	16,984	16,516
23	99 043	25 929,059	431 832,051	16,654	16,186	23	99 371	26 014,931	440 860,200	16,946	16,478
24	98 988	24 447,904	405 902,992	16,603	16,135	24	99 348	24 536,806	414 845,268	16,907	16,439
25	98 931	23 050,773	381 455,088	16,548	16,081	25	99 325	23 142,667	390 308,463	16,865	16,397
26	98 872	21 733,124	358 404,315	16,491	16,023	26	99 303	21 827,839	367 165,796	16,821	16,353
27	98 812	20 490,426	336 671,191	16,431	15,963	27	99 277	20 586,800	345 337,956	16,775	16,307
28	98 749	19 318,355	316 180,766	16,367	15,899	28	99 251	19 416,496	324 751,156	16,726	16,258
29	98 688	18 213,570	296 862,410	16,299	15,831	29	99 225	18 312,691	305 334,660	16,673	16,205
30	98 625	17 171,558	278 648,841	16,227	15,759	30	99 198	17 271,332	287 021,969	16,618	16,150
31	98 559	16 188,822	261 477,282	16,152	15,684	31	99 171	16 289,238	269 750,637	16,560	16,092
32	98 486	15 261,153	245 288,460	16,073	15,605	32	99 138	15 362,196	253 461,398	16,499	16,031
33	98 413	14 386,566	230 027,307	15,989	15,521	33	99 104	14 487,618	238 099,203	16,435	15,967
34	98 341	13 562,375	215 640,741	15,900	15,432	34	99 068	13 662,619	223 611,585	16,367	15,899
35	98 262	12 784,356	202 078,366	15,807	15,339	35	99 028	12 884,033	209 948,965	16,295	15,827
36	98 177	12 050,274	189 294,010	15,709	15,241	36	98 986	12 149,568	197 064,933	16,220	15,752
37	98 087	11 357,813	177 243,735	15,605	15,137	37	98 939	11 456,512	184 915,365	16,141	15,673
38	97 990	10 704,336	165 885,922	15,497	15,029	38	98 887	10 802,337	173 458,853	16,058	15,590
39	97 885	10 087,557	155 181,586	15,383	14,915	39	98 829	10 184,876	162 656,515	15,970	15,502
40	97 770	9 505,392	145 094,029	15,264	14,796	40	98 760	9 601,617	152 471,639	15,880	15,412
41	97 636	8 955,125	135 588,637	15,141	14,673	41	98 689	9 051,672	142 870,023	15,784	15,316
42	97 491	8 435,682	126 633,511	15,012	14,544	42	98 607	8 532,217	133 818,350	15,684	15,216
43	97 334	7 945,358	118 197,829	14,876	14,408	43	98 514	8 041,648	125 286,133	15,580	15,112
44	97 147	7 481,206	110 252,471	14,737	14,269	44	98 410	7 578,452	117 244,485	15,471	15,003
45	96 940	7 042,722	102 771,266	14,593	14,125	45	98 299	7 141,398	109 666,033	15,356	14,888
46	96 707	6 628,061	95 728,544	14,443	13,975	46	98 166	6 728,056	102 524,635	15,238	14,770
47	96 440	6 235,665	89 100,483	14,289	13,821	47	98 013	6 337,378	95 796,579	15,116	14,648
48	96 142	5 864,506	82 864,818	14,130	13,662	48	97 843	5 968,283	89 459,201	14,989	14,521
49	95 802	5 513,015	77 000,313	13,967	13,499	49	97 662	5 620,023	83 490,917	14,856	14,388

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	5 180,698	71 487,298	13,799	13,331	50	97 458	5 290,817	77 870,894	14,718	14,250
51	95 022	4 866,572	66 306,600	13,625	13,157	51	97 230	4 979,674	72 580,078	14,575	14,107
52	94 565	4 569,064	61 440,028	13,447	12,979	52	96 988	4 686,105	67 600,404	14,426	13,958
53	94 068	4 287,766	56 870,965	13,264	12,796	53	96 719	4 408,604	62 914,299	14,271	13,803
54	93 528	4 021,855	52 583,199	13,074	12,606	54	96 425	4 146,420	58 505,695	14,110	13,642
55	92 929	3 769,889	48 561,344	12,881	12,413	55	96 118	3 899,254	54 359,275	13,941	13,473
56	92 288	3 531,964	44 791,455	12,682	12,214	56	95 772	3 665,308	50 460,021	13,767	13,299
57	91 600	3 307,221	41 259,491	12,476	12,008	57	95 409	3 444,722	46 794,713	13,584	13,117
58	90 871	3 095,170	37 952,270	12,262	11,794	58	95 015	3 236,329	43 349,991	13,395	12,927
59	90 067	2 894,152	34 857,100	12,044	11,576	59	94 582	3 039,219	40 113,662	13,199	12,731
60	89 203	2 704,129	31 962,948	11,820	11,352	60	94 130	2 853,487	37 074,443	12,993	12,525
61	88 257	2 524,015	29 258,819	11,592	11,124	61	93 615	2 677,250	34 220,956	12,782	12,314
62	87 265	2 354,377	26 734,804	11,355	10,887	62	93 083	2 511,348	31 543,706	12,560	12,093
63	86 192	2 193,804	24 380,426	11,113	10,645	63	92 499	2 354,330	29 032,358	12,331	11,864
64	85 060	2 042,445	22 186,622	10,863	10,395	64	91 882	2 206,254	26 678,029	12,092	11,624
65	83 838	1 899,141	20 144,177	10,607	10,139	65	91 221	2 066,395	24 471,774	11,843	11,375
66	82 531	1 763,718	18 245,035	10,345	9,877	66	90 515	1 934,336	22 405,380	11,583	11,115
67	81 155	1 636,147	16 481,318	10,073	9,605	67	89 771	1 809,845	20 471,044	11,311	10,843
68	79 692	1 515,708	14 845,171	9,794	9,326	68	88 961	1 692,001	18 661,199	11,029	10,561
69	78 126	1 401,812	13 329,462	9,509	9,041	69	88 090	1 580,592	16 969,198	10,736	10,268
70	76 437	1 293,877	11 927,650	9,219	8,751	70	87 123	1 474,770	15 388,606	10,435	9,967
71	74 634	1 191,845	10 633,773	8,922	8,454	71	86 082	1 374,669	13 913,835	10,122	9,654
72	72 706	1 095,335	9 441,929	8,620	8,152	72	84 934	1 279,554	12 539,166	9,800	9,332
73	70 591	1 003,274	8 346,594	8,319	7,851	73	83 620	1 188,446	11 259,612	9,474	9,006
74	68 328	916,142	7 343,320	8,015	7,548	74	82 170	1 101,739	10 071,166	9,141	8,673
75	65 861	833,089	6 427,178	7,715	7,247	75	80 582	1 019,292	8 969,427	8,800	8,332
76	63 245	754,716	5 594,089	7,412	6,944	76	78 787	940,171	7 950,135	8,456	7,988
77	60 452	680,553	4 839,373	7,111	6,643	77	76 790	864,471	7 009,964	8,109	7,641
78	57 448	610,123	4 158,820	6,816	6,348	78	74 566	791,925	6 145,493	7,760	7,292
79	54 252	543,565	3 548,697	6,529	6,061	79	72 086	722,252	5 353,568	7,412	6,944
80	50 965	481,730	3 005,132	6,238	5,770	80	69 379	655,784	4 631,316	7,062	6,594
81	47 504	423,603	2 523,401	5,957	5,489	81	66 370	591,831	3 975,531	6,717	6,249
82	43 948	369,707	2 099,799	5,680	5,212	82	63 085	530,696	3 383,700	6,376	5,908
83	40 329	320,061	1 730,091	5,405	4,938	83	59 498	472,185	2 853,004	6,042	5,574
84	36 688	274,680	1 410,030	5,133	4,665	84	55 633	416,521	2 380,819	5,716	5,248
85	33 009	233,147	1 135,350	4,870	4,402	85	51 517	363,872	1 964,297	5,398	4,930
86	29 285	195,140	902,203	4,623	4,155	86	47 123	313,996	1 600,425	5,097	4,629
87	25 606	160,966	707,063	4,393	3,925	87	42 568	267,593	1 286,429	4,807	4,339
88	21 973	130,310	546,097	4,191	3,723	88	37 687	223,500	1 018,836	4,559	4,091
89	18 659	104,390	415,788	3,983	3,515	89	32 959	184,396	795,335	4,313	3,845
90	15 592	82,297	311,397	3,784	3,316	90	28 352	149,644	610,940	4,083	3,615
91	12 944	64,454	229,100	3,554	3,087	91	24 151	120,252	461,295	3,836	3,368
92	10 431	48,997	164,646	3,360	2,892	92	19 969	93,803	341,043	3,636	3,168
93	8 165	36,182	115,650	3,196	2,728	93	16 195	71,770	247,239	3,445	2,977
94	6 252	26,140	79,468	3,040	2,572	94	12 845	53,700	175,470	3,268	2,800
95	4 671	18,423	53,328	2,895	2,427	95	9 950	39,242	121,770	3,103	2,635
96	3 400	12,650	34,905	2,759	2,291	96	7 517	27,971	82,528	2,950	2,483
97	2 407	8,451	22,255	2,634	2,166	97	5 533	19,422	54,557	2,809	2,341
98	1 656	5,485	13,805	2,517	2,049	98	3 962	13,120	35,135	2,678	2,210
99	1 106	3,455	8,319	2,408	1,940	99	2 756	8,611	22,016	2,557	2,089
100	715	2,108	4,865	2,307	1,839	100	1 861	5,484	13,405	2,444	1,976

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 667 794,278	16,678	16,210	0	100 000	100 000,000	1 677 041,166	16,770	16,302
1	99 594	93 735,350	1 567 794,278	16,726	16,257	1	99 680	93 816,507	1 577 041,166	16,810	16,341
2	99 558	88 190,104	1 474 058,929	16,715	16,246	2	99 652	88 272,783	1 483 224,660	16,803	16,334
3	99 539	82 986,475	1 385 868,824	16,700	16,232	3	99 636	83 066,872	1 394 951,877	16,793	16,325
4	99 524	78 093,124	1 302 882,349	16,684	16,215	4	99 621	78 169,376	1 311 885,004	16,783	16,314
5	99 510	73 488,820	1 224 789,225	16,666	16,198	5	99 609	73 562,360	1 233 715,629	16,771	16,303
6	99 498	69 157,946	1 151 300,405	16,647	16,179	6	99 600	69 228,899	1 160 153,269	16,758	16,290
7	99 488	65 082,969	1 082 142,459	16,627	16,159	7	99 592	65 151,387	1 090 924,370	16,744	16,276
8	99 478	61 248,635	1 017 059,490	16,605	16,137	8	99 584	61 313,830	1 025 772,983	16,730	16,262
9	99 469	57 640,232	955 810,855	16,582	16,114	9	99 578	57 703,549	964 459,153	16,714	16,246
10	99 460	54 244,973	898 170,622	16,558	16,089	10	99 572	54 305,775	906 755,604	16,697	16,229
11	99 451	51 049,527	843 925,649	16,532	16,063	11	99 564	51 107,200	852 449,828	16,680	16,211
12	99 442	48 041,942	792 876,122	16,504	16,035	12	99 556	48 097,074	801 342,628	16,661	16,193
13	99 431	45 211,218	744 834,179	16,475	16,006	13	99 548	45 264,365	753 245,554	16,641	16,173
14	99 422	42 548,009	699 622,962	16,443	15,975	14	99 538	42 597,564	707 981,189	16,620	16,152
15	99 406	40 038,581	657 074,953	16,411	15,943	15	99 526	40 086,862	665 383,625	16,599	16,130
16	99 386	37 675,843	617 036,372	16,378	15,909	16	99 512	37 723,697	625 296,763	16,576	16,107
17	99 357	35 449,102	579 360,529	16,343	15,875	17	99 496	35 498,948	587 573,066	16,552	16,083
18	99 323	33 352,469	543 911,426	16,308	15,840	18	99 479	33 404,910	552 074,119	16,527	16,058
19	99 268	31 373,115	510 558,957	16,274	15,805	19	99 457	31 433,047	518 669,209	16,501	16,032
20	99 213	29 511,535	479 185,843	16,237	15,769	20	99 436	29 577,682	487 236,162	16,473	16,005
21	99 154	27 758,970	449 674,307	16,199	15,731	21	99 415	27 831,945	457 658,479	16,444	15,975
22	99 098	26 111,356	421 915,338	16,158	15,690	22	99 393	26 189,110	429 826,534	16,412	15,944
23	99 043	24 561,567	395 803,982	16,115	15,646	23	99 371	24 642,910	403 637,424	16,379	15,911
24	98 988	23 104,037	371 242,415	16,068	15,600	24	99 348	23 188,052	378 994,514	16,344	15,876
25	98 931	21 732,448	348 138,378	16,019	15,551	25	99 325	21 819,087	355 806,463	16,307	15,839
26	98 872	20 441,947	326 405,930	15,967	15,499	26	99 303	20 531,035	333 987,376	16,267	15,799
27	98 812	19 227,729	305 963,983	15,913	15,444	27	99 277	19 318,165	313 456,341	16,226	15,758
28	98 749	18 085,232	286 736,254	15,855	15,386	28	99 251	18 177,109	294 138,176	16,182	15,713
29	98 688	17 010,847	268 651,022	15,793	15,325	29	99 225	17 103,423	275 961,068	16,135	15,666
30	98 625	15 999,909	251 640,175	15,728	15,259	30	99 198	16 092,875	258 857,644	16,085	15,617
31	98 559	15 048,734	235 640,266	15,658	15,190	31	99 171	15 142,079	242 764,769	16,032	15,564
32	98 486	14 153,016	220 591,532	15,586	15,118	32	99 138	14 246,722	227 622,691	15,977	15,509
33	98 413	13 310,541	206 438,516	15,509	15,041	33	99 104	13 404,035	213 375,969	15,919	15,450
34	98 341	12 518,470	193 127,974	15,427	14,959	34	99 068	12 610,998	199 971,934	15,857	15,389
35	98 262	11 772,570	180 609,504	15,342	14,873	35	99 028	11 864,358	187 360,935	15,792	15,324
36	98 177	11 070,476	168 836,934	15,251	14,783	36	98 986	11 161,696	175 496,577	15,723	15,255
37	98 087	10 409,767	157 766,458	15,156	14,687	37	98 939	10 500,227	164 334,881	15,651	15,182
38	97 990	9 787,751	147 356,691	15,055	14,587	38	98 887	9 877,362	153 834,654	15,574	15,106
39	97 885	9 202,083	137 568,940	14,950	14,481	39	98 829	9 290,859	143 957,292	15,495	15,026
40	97 770	8 650,618	128 366,857	14,839	14,371	40	98 760	8 738,189	134 666,433	15,411	14,943
41	97 636	8 130,657	119 716,239	14,724	14,256	41	98 689	8 218,315	125 928,244	15,323	14,855
42	97 491	7 641,016	111 585,582	14,603	14,135	42	98 607	7 728,458	117 709,929	15,231	14,762
43	97 334	7 179,948	103 944,565	14,477	14,009	43	98 514	7 266,962	109 981,471	15,134	14,666
44	97 147	6 744,602	96 764,618	14,347	13,879	44	98 410	6 832,274	102 714,510	15,034	14,565
45	96 940	6 334,352	90 020,015	14,211	13,743	45	98 299	6 423,104	95 882,235	14,928	14,459
46	96 707	5 947,372	83 685,663	14,071	13,603	46	98 166	6 037,098	89 459,132	14,818	14,350
47	96 440	5 582,109	77 738,290	13,926	13,458	47	98 013	5 673,162	83 422,034	14,705	14,236
48	96 142	5 237,498	72 156,182	13,777	13,308	48	97 843	5 330,180	77 748,872	14,587	14,118
49	95 802	4 912,002	66 918,683	13,624	13,155	49	97 662	5 007,345	72 418,691	14,462	13,994



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	4 605,052	62 006,681	13,465	12,997	50	97 458	4 702,936	67 411,347	14,334	13,866
51	95 022	4 315,652	57 401,629	13,301	12,832	51	97 230	4 415,950	62 708,411	14,200	13,732
52	94 565	4 042,289	53 085,977	13,133	12,664	52	96 988	4 145,836	58 292,461	14,060	13,592
53	94 068	3 784,497	49 043,688	12,959	12,491	53	96 719	3 891,152	54 146,624	13,915	13,447
54	93 528	3 541,444	45 259,191	12,780	12,312	54	96 425	3 651,130	50 255,472	13,764	13,296
55	92 929	3 311,765	41 717,746	12,597	12,128	55	96 118	3 425,409	46 604,342	13,605	13,137
56	92 288	3 095,453	38 405,982	12,407	11,939	56	95 772	3 212,317	43 178,932	13,442	12,973
57	91 600	2 891,665	35 310,529	12,211	11,743	57	95 409	3 011,889	39 966,616	13,270	12,801
58	90 871	2 699,892	32 418,864	12,007	11,539	58	95 015	2 823,023	36 954,726	13,090	12,622
59	90 067	2 518,605	29 718,972	11,800	11,331	59	94 582	2 644,848	34 131,704	12,905	12,437
60	89 203	2 347,702	27 200,367	11,586	11,118	60	94 130	2 477,374	31 486,856	12,710	12,241
61	88 257	2 186,173	24 852,666	11,368	10,900	61	93 615	2 318,897	29 009,482	12,510	12,042
62	87 265	2 034,443	22 666,492	11,141	10,673	62	93 083	2 170,083	26 690,585	12,299	11,831
63	86 192	1 891,230	20 632,049	10,909	10,441	63	92 499	2 029,615	24 520,503	12,081	11,613
64	85 060	1 756,603	18 740,820	10,669	10,200	64	91 882	1 897,487	22 490,888	11,853	11,385
65	83 838	1 629,512	16 984,216	10,423	9,955	65	91 221	1 773,019	20 593,401	11,615	11,147
66	82 531	1 509,754	15 354,705	10,170	9,702	66	90 515	1 655,804	18 820,381	11,366	10,898
67	81 155	1 397,257	13 844,951	9,909	9,440	67	89 771	1 545,594	17 164,577	11,105	10,637
68	79 692	1 291,358	12 447,693	9,639	9,171	68	88 961	1 441,556	15 618,983	10,835	10,366
69	78 126	1 191,510	11 156,335	9,363	8,895	69	88 090	1 343,469	14 177,426	10,553	10,084
70	76 437	1 097,180	9 964,825	9,082	8,614	70	87 123	1 250,574	12 833,957	10,262	9,794
71	74 634	1 008,281	8 867,645	8,795	8,326	71	86 082	1 162,947	11 583,384	9,960	9,492
72	72 706	924,455	7 859,365	8,502	8,033	72	84 934	1 079,934	10 420,436	9,649	9,181
73	70 591	844,763	6 934,910	8,209	7,741	73	83 620	1 000,680	9 340,502	9,334	8,866
74	68 328	769,583	6 090,146	7,914	7,445	74	82 170	925,489	8 339,822	9,011	8,543
75	65 861	698,169	5 320,563	7,621	7,152	75	80 582	854,217	7 414,333	8,680	8,211
76	63 245	631,001	4 622,394	7,325	6,857	76	78 787	786,055	6 560,116	8,346	7,877
77	60 452	567,656	3 991,393	7,031	6,563	77	76 790	721,064	5 774,061	8,008	7,539
78	57 448	507,713	3 423,737	6,743	6,275	78	74 566	658,999	5 052,997	7,668	7,199
79	54 252	451,262	2 916,025	6,462	5,994	79	72 086	599,606	4 393,998	7,328	6,860
80	50 965	398,986	2 464,763	6,178	5,709	80	69 379	543,144	3 794,392	6,986	6,518
81	47 504	350,017	2 065,776	5,902	5,434	81	66 370	489,022	3 251,248	6,648	6,180
82	43 948	304,766	1 715,759	5,630	5,161	82	63 085	437,476	2 762,226	6,314	5,846
83	40 329	263,220	1 410,993	5,361	4,892	83	59 498	388,327	2 324,750	5,987	5,518
84	36 688	225,367	1 147,774	5,093	4,625	84	55 633	341,743	1 936,423	5,666	5,198
85	33 009	190,839	922,407	4,833	4,365	85	51 517	297,843	1 594,680	5,354	4,886
86	29 285	159,353	731,568	4,591	4,122	86	47 123	256,413	1 296,837	5,058	4,589
87	25 606	131,138	572,214	4,363	3,895	87	42 568	218,006	1 040,424	4,772	4,304
88	21 973	105,912	441,077	4,165	3,696	88	37 687	181,655	822,419	4,527	4,059
89	18 659	84,646	335,165	3,960	3,491	89	32 959	149,519	640,763	4,285	3,817
90	15 592	66,575	250,519	3,763	3,295	90	28 352	121,055	491,244	4,058	3,590
91	12 944	52,018	183,944	3,536	3,068	91	24 151	97,050	370,189	3,814	3,346
92	10 431	39,450	131,927	3,344	2,876	92	19 969	75,526	273,139	3,616	3,148
93	8 165	29,063	92,477	3,182	2,714	93	16 195	57,650	197,613	3,428	2,959
94	6 252	20,948	63,414	3,027	2,559	94	12 845	43,033	139,964	3,252	2,784
95	4 671	14,729	42,466	2,883	2,415	95	9 950	31,373	96,930	3,090	2,621
96	3 400	10,090	27,737	2,749	2,281	96	7 517	22,310	65,557	2,939	2,470
97	2 407	6,724	17,648	2,624	2,156	97	5 533	15,454	43,248	2,798	2,330
98	1 656	4,354	10,923	2,509	2,040	98	3 962	10,415	27,793	2,669	2,200
99	1 106	2,736	6,569	2,401	1,932	99	2 756	6,820	17,378	2,548	2,080
100	715	1,666	3,833	2,301	1,832	100	1 861	4,333	10,559	2,437	1,968

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 610 422,584	16,104	15,635	0	100 000	100 000,000	1 618 613,147	16,186	15,717
1	99 594	93 515,314	1 510 422,584	16,152	15,683	1	99 680	93 596,280	1 518 613,147	16,225	15,756
2	99 558	87 776,552	1 416 907,270	16,142	15,673	2	99 652	87 858,843	1 425 016,867	16,219	15,751
3	99 539	82 403,434	1 329 130,718	16,130	15,661	3	99 636	82 483,266	1 337 158,024	16,211	15,743
4	99 524	77 362,433	1 246 727,284	16,115	15,647	4	99 621	77 437,971	1 254 674,757	16,202	15,734
5	99 510	72 630,316	1 169 364,851	16,100	15,631	5	99 609	72 702,996	1 177 236,786	16,192	15,724
6	99 498	68 189,589	1 096 734,535	16,084	15,615	6	99 600	68 259,549	1 104 533,790	16,181	15,713
7	99 488	64 021,033	1 028 544,947	16,066	15,597	7	99 592	64 088,334	1 036 274,241	16,169	15,701
8	99 478	60 107,832	964 523,914	16,047	15,578	8	99 584	60 171,812	972 185,907	16,157	15,688
9	99 469	56 433,853	904 416,082	16,026	15,557	9	99 578	56 495,845	912 014,095	16,143	15,674
10	99 460	52 984,984	847 982,229	16,004	15,535	10	99 572	53 044,374	855 518,251	16,128	15,660
11	99 451	49 746,710	794 997,245	15,981	15,512	11	99 564	49 802,911	802 473,877	16,113	15,644
12	99 442	46 705,984	745 250,535	15,956	15,487	12	99 556	46 759,583	752 670,965	16,097	15,628
13	99 431	43 850,799	698 544,551	15,930	15,461	13	99 548	43 902,346	705 911,382	16,079	15,610
14	99 422	41 170,854	654 693,752	15,902	15,433	14	99 538	41 218,805	662 009,036	16,061	15,592
15	99 406	38 651,703	613 522,898	15,873	15,404	15	99 526	38 698,312	620 790,231	16,042	15,573
16	99 386	36 285,430	574 871,195	15,843	15,374	16	99 512	36 331,518	582 091,919	16,022	15,553
17	99 357	34 060,724	538 585,765	15,813	15,344	17	99 496	34 108,617	545 760,401	16,001	15,532
18	99 323	31 970,980	504 525,041	15,781	15,312	18	99 479	32 021,248	511 651,784	15,979	15,510
19	99 268	30 003,017	472 554,061	15,750	15,281	19	99 457	30 060,332	479 630,536	15,956	15,487
20	99 213	28 156,484	442 551,044	15,718	15,249	20	99 436	28 219,594	449 570,204	15,931	15,462
21	99 154	26 422,219	414 394,560	15,684	15,215	21	99 415	26 491,681	421 350,610	15,905	15,436
22	99 098	24 795,605	387 972,341	15,647	15,178	22	99 393	24 869,441	394 858,929	15,877	15,409
23	99 043	23 269,158	363 176,736	15,608	15,139	23	99 371	23 346,222	369 989,489	15,848	15,379
24	98 988	21 836,942	339 907,578	15,566	15,097	24	99 348	21 916,349	346 643,267	15,817	15,348
25	98 931	20 492,358	318 070,636	15,521	15,053	25	99 325	20 574,053	324 726,918	15,783	15,315
26	98 872	19 230,247	297 578,279	15,474	15,006	26	99 303	19 314,054	304 152,866	15,748	15,279
27	98 812	18 045,542	278 348,032	15,425	14,956	27	99 277	18 130,417	284 838,812	15,711	15,242
28	98 749	16 933,446	260 302,490	15,372	14,903	28	99 251	17 019,471	266 708,395	15,671	15,202
29	98 688	15 890,097	243 369,044	15,316	14,847	29	99 225	15 976,574	249 688,923	15,628	15,160
30	98 625	14 910,680	227 478,947	15,256	14,787	30	99 198	14 997,317	233 712,349	15,584	15,115
31	98 559	13 991,337	212 568,267	15,193	14,724	31	99 171	14 078,123	218 715,033	15,536	15,067
32	98 486	13 127,668	198 576,930	15,127	14,658	32	99 138	13 214,585	204 636,910	15,486	15,017
33	98 413	12 317,247	185 449,262	15,056	14,587	33	99 104	12 403,764	191 422,325	15,433	14,964
34	98 341	11 557,090	173 132,015	14,981	14,512	34	99 068	11 642,513	179 018,561	15,376	14,908
35	98 262	10 842,960	161 574,924	14,901	14,433	35	99 028	10 927,500	167 376,048	15,317	14,848
36	98 177	10 172,371	150 731,964	14,818	14,349	36	98 986	10 256,191	156 448,548	15,254	14,785
37	98 087	9 542,809	140 559,593	14,729	14,261	37	98 939	9 625,736	146 192,356	15,188	14,719
38	97 990	8 951,535	131 016,783	14,636	14,167	38	98 887	9 033,489	136 566,621	15,118	14,649
39	97 885	8 396,147	122 065,249	14,538	14,070	39	98 829	8 477,149	127 533,132	15,044	14,576
40	97 770	7 874,452	113 669,101	14,435	13,966	40	98 760	7 954,166	119 055,983	14,968	14,499
41	97 636	7 383,771	105 794,649	14,328	13,859	41	98 689	7 463,377	111 101,817	14,886	14,418
42	97 491	6 922,820	98 410,878	14,215	13,747	42	98 607	7 002,042	103 638,440	14,801	14,332
43	97 334	6 489,818	91 488,058	14,097	13,628	43	98 514	6 568,468	96 636,398	14,712	14,243
44	97 147	6 082,007	84 998,240	13,975	13,507	44	98 410	6 161,066	90 067,929	14,619	14,150
45	96 940	5 698,652	78 916,233	13,848	13,379	45	98 299	5 778,496	83 906,864	14,521	14,052
46	96 707	5 337,948	73 217,581	13,716	13,248	46	98 166	5 418,479	78 128,367	14,419	13,950
47	96 440	4 998,352	67 879,633	13,580	13,112	47	98 013	5 079,883	72 709,888	14,313	13,845
48	96 142	4 678,771	62 881,281	13,440	12,971	48	97 843	4 761,566	67 630,005	14,203	13,735
49	95 802	4 377,698	58 202,510	13,295	12,826	49	97 662	4 462,669	62 868,439	14,088	13,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	4 094,502	53 824,812	13,146	12,677	50	97 458	4 181,533	58 405,769	13,968	13,499
51	95 022	3 828,179	49 730,310	12,991	12,522	51	97 230	3 917,149	54 224,236	13,843	13,374
52	94 565	3 577,277	45 902,131	12,832	12,363	52	96 988	3 668,913	50 307,087	13,712	13,243
53	94 068	3 341,279	42 324,854	12,667	12,199	53	96 719	3 435,443	46 638,174	13,576	13,107
54	93 528	3 119,351	38 983,574	12,497	12,029	54	96 425	3 215,964	43 202,731	13,434	12,965
55	92 929	2 910,199	35 864,223	12,324	11,855	55	96 118	3 010,064	39 986,767	13,284	12,816
56	92 288	2 713,730	32 954,024	12,143	11,675	56	95 772	2 816,183	36 976,703	13,130	12,661
57	91 600	2 529,123	30 240,294	11,957	11,488	57	95 409	2 634,274	34 160,521	12,968	12,499
58	90 871	2 355,849	27 711,171	11,763	11,294	58	95 015	2 463,290	31 526,247	12,798	12,330
59	90 067	2 192,505	25 355,322	11,565	11,096	59	94 582	2 302,402	29 062,957	12,623	12,154
60	89 203	2 038,932	23 162,817	11,360	10,892	60	94 130	2 151,550	26 760,555	12,438	11,969
61	88 257	1 894,191	21 123,885	11,152	10,683	61	93 615	2 009,188	24 609,005	12,248	11,779
62	87 265	1 758,588	19 229,694	10,935	10,466	62	93 083	1 875,836	22 599,817	12,048	11,579
63	86 192	1 630,956	17 471,106	10,712	10,243	63	92 499	1 750,296	20 723,981	11,840	11,372
64	85 060	1 511,301	15 840,151	10,481	10,012	64	91 882	1 632,511	18 973,685	11,622	11,154
65	83 838	1 398,666	14 328,850	10,245	9,776	65	91 221	1 521,844	17 341,174	11,395	10,926
66	82 531	1 292,832	12 930,184	10,001	9,533	66	90 515	1 417,897	15 819,331	11,157	10,688
67	81 155	1 193,690	11 637,352	9,749	9,280	67	89 771	1 320,416	14 401,433	10,907	10,438
68	79 692	1 100,630	10 443,662	9,489	9,020	68	88 961	1 228,644	13 081,018	10,647	10,178
69	78 126	1 013,145	9 343,033	9,222	8,753	69	88 090	1 142,356	11 852,374	10,375	9,907
70	76 437	930,745	8 329,888	8,950	8,481	70	87 123	1 060,871	10 710,017	10,095	9,627
71	74 634	853,324	7 399,142	8,671	8,202	71	86 082	984,221	9 649,147	9,804	9,335
72	72 706	780,544	6 545,818	8,386	7,917	72	84 934	911,820	8 664,926	9,503	9,034
73	70 591	711,584	5 765,274	8,102	7,633	73	83 620	842,920	7 753,106	9,198	8,729
74	68 328	646,734	5 053,690	7,814	7,345	74	82 170	777,753	6 910,186	8,885	8,416
75	65 861	585,343	4 406,956	7,529	7,060	75	80 582	716,173	6 132,433	8,563	8,094
76	63 245	527,787	3 821,612	7,241	6,772	76	78 787	657,479	5 416,260	8,238	7,769
77	60 452	473,689	3 293,825	6,954	6,485	77	76 790	601,703	4 758,780	7,909	7,440
78	57 448	422,674	2 820,136	6,672	6,203	78	74 566	548,621	4 157,077	7,577	7,109
79	54 252	374,797	2 397,461	6,397	5,928	79	72 086	498,005	3 608,456	7,246	6,777
80	50 965	330,601	2 022,664	6,118	5,649	80	69 379	450,051	3 110,452	6,911	6,443
81	47 504	289,345	1 692,063	5,848	5,379	81	66 370	404,254	2 660,401	6,581	6,112
82	43 948	251,346	1 402,718	5,581	5,112	82	63 085	360,794	2 256,146	6,253	5,785
83	40 329	216,572	1 151,373	5,316	4,848	83	59 498	319,508	1 895,353	5,932	5,463
84	36 688	184,992	934,801	5,053	4,584	84	55 633	280,519	1 575,845	5,618	5,149
85	33 009	156,283	749,809	4,798	4,329	85	51 517	243,911	1 295,325	5,311	4,842
86	29 285	130,192	593,526	4,559	4,090	86	47 123	209,489	1 051,414	5,019	4,550
87	25 606	106,888	463,334	4,335	3,866	87	42 568	177,693	841,925	4,738	4,269
88	21 973	86,125	356,446	4,139	3,670	88	37 687	147,717	664,232	4,497	4,028
89	18 659	68,670	270,321	3,937	3,468	89	32 959	121,299	516,516	4,258	3,789
90	15 592	53,883	201,652	3,742	3,274	90	28 352	97,977	395,217	4,034	3,565
91	12 944	42,002	147,769	3,518	3,049	91	24 151	78,363	297,240	3,793	3,324
92	10 431	31,779	105,767	3,328	2,859	92	19 969	60,841	218,876	3,598	3,129
93	8 165	23,357	73,988	3,168	2,699	93	16 195	46,331	158,036	3,411	2,942
94	6 252	16,795	50,631	3,015	2,546	94	12 845	34,503	111,704	3,237	2,769
95	4 671	11,782	33,835	2,872	2,403	95	9 950	25,095	77,201	3,076	2,608
96	3 400	8,052	22,054	2,739	2,270	96	7 517	17,804	52,106	2,927	2,458
97	2 407	5,354	14,002	2,615	2,147	97	5 533	12,304	34,302	2,788	2,319
98	1 656	3,459	8,648	2,500	2,032	98	3 962	8,272	21,998	2,659	2,190
99	1 106	2,168	5,190	2,394	1,925	99	2 756	5,404	13,726	2,540	2,071
100	715	1,317	3,022	2,294	1,826	100	1 861	3,426	8,322	2,429	1,961

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 556 895,093	15,569	15,100	0	100 000	100 000,000	1 564 177,535	15,642	15,173
1	99 594	93 296,308	1 456 895,093	15,616	15,147	1	99 680	93 377,085	1 464 177,535	15,680	15,211
2	99 558	87 365,902	1 363 598,785	15,608	15,139	2	99 652	87 447,808	1 370 800,450	15,676	15,207
3	99 539	81 825,842	1 276 232,883	15,597	15,128	3	99 636	81 905,115	1 283 352,642	15,669	15,200
4	99 524	76 640,269	1 194 407,041	15,585	15,115	4	99 621	76 715,101	1 201 447,527	15,661	15,192
5	99 510	71 783,818	1 117 766,772	15,571	15,102	5	99 609	71 855,651	1 124 732,426	15,653	15,184
6	99 498	67 237,013	1 045 982,955	15,557	15,088	6	99 600	67 305,996	1 052 876,775	15,643	15,174
7	99 488	62 978,852	978 745,941	15,541	15,072	7	99 592	63 045,058	985 570,779	15,633	15,164
8	99 478	58 990,877	915 767,089	15,524	15,055	8	99 584	59 053,669	922 525,720	15,622	15,153
9	99 469	55 255,462	856 776,212	15,506	15,037	9	99 578	55 316,160	863 472,052	15,610	15,141
10	99 460	51 757,114	801 520,749	15,486	15,017	10	99 572	51 815,127	808 155,892	15,597	15,128
11	99 451	48 480,080	749 763,636	15,465	14,996	11	99 564	48 534,851	756 340,765	15,583	15,114
12	99 442	45 410,180	701 283,555	15,443	14,974	12	99 556	45 462,291	707 805,914	15,569	15,100
13	99 431	42 534,362	655 873,376	15,420	14,951	13	99 548	42 584,362	662 343,623	15,554	15,085
14	99 422	39 841,347	613 339,014	15,395	14,925	14	99 538	39 887,750	619 759,261	15,538	15,068
15	99 406	37 315,950	573 497,667	15,369	14,900	15	99 526	37 360,948	579 871,511	15,521	15,052
16	99 386	34 949,411	536 181,717	15,342	14,873	16	99 512	34 993,802	542 510,563	15,503	15,034
17	99 357	32 729,787	501 232,306	15,314	14,845	17	99 496	32 775,809	507 516,762	15,484	15,015
18	99 323	30 649,753	468 502,519	15,286	14,817	18	99 479	30 697,944	474 740,953	15,465	14,996
19	99 268	28 695,757	437 852,766	15,258	14,789	19	99 457	28 750,575	444 043,009	15,445	14,976
20	99 213	26 866,612	409 157,010	15,229	14,760	20	99 436	26 926,831	415 292,434	15,423	14,954
21	99 154	25 152,751	382 290,397	15,199	14,730	21	99 415	25 218,875	388 365,604	15,400	14,931
22	99 098	23 549,009	357 137,646	15,166	14,697	22	99 393	23 619,133	363 146,728	15,375	14,906
23	99 043	22 047,550	333 588,637	15,130	14,661	23	99 371	22 120,567	339 527,595	15,349	14,880
24	98 988	20 642,067	311 541,087	15,093	14,623	24	99 348	20 717,129	317 407,028	15,321	14,852
25	98 931	19 325,691	290 899,020	15,052	14,583	25	99 325	19 402,735	296 689,899	15,291	14,822
26	98 872	18 092,962	271 573,329	15,010	14,541	26	99 303	18 171,814	277 287,164	15,259	14,790
27	98 812	16 938,560	253 480,367	14,965	14,496	27	99 277	17 018,228	259 115,351	15,226	14,757
28	98 749	15 857,460	236 541,807	14,917	14,448	28	99 251	15 938,019	242 097,122	15,190	14,721
29	98 688	14 845,558	220 684,347	14,865	14,396	29	99 225	14 926,351	226 159,103	15,152	14,683
30	98 625	13 897,899	205 838,788	14,811	14,342	30	99 198	13 978,652	211 232,752	15,111	14,642
31	98 559	13 010,461	191 940,889	14,753	14,284	31	99 171	13 091,162	197 254,100	15,068	14,599
32	98 486	12 178,751	178 930,428	14,692	14,223	32	99 138	12 259,386	184 162,938	15,022	14,553
33	98 413	11 400,149	166 751,677	14,627	14,158	33	99 104	11 480,224	171 903,553	14,974	14,505
34	98 341	10 671,541	155 351,528	14,558	14,088	34	99 068	10 750,418	160 423,328	14,923	14,453
35	98 262	9 988,683	144 679,987	14,484	14,015	35	99 028	10 066,562	149 672,911	14,868	14,399
36	98 177	9 348,981	134 691,304	14,407	13,938	36	98 986	9 426,016	139 606,349	14,811	14,342
37	98 087	8 749,839	125 342,323	14,325	13,856	37	98 939	8 825,874	130 180,332	14,750	14,281
38	97 990	8 188,475	116 592,485	14,239	13,769	38	98 887	8 263,443	121 354,458	14,686	14,217
39	97 885	7 662,444	108 404,010	14,147	13,678	39	98 829	7 736,366	113 091,015	14,618	14,149
40	97 770	7 169,507	100 741,566	14,051	13,582	40	98 760	7 242,085	105 354,649	14,548	14,078
41	97 636	6 707,009	93 572,059	13,951	13,482	41	98 689	6 779,319	98 112,564	14,472	14,003
42	97 491	6 273,580	86 865,050	13,846	13,377	42	98 607	6 345,373	91 333,245	14,394	13,925
43	97 334	5 867,413	80 591,470	13,735	13,266	43	98 514	5 938,520	84 987,872	14,311	13,842
44	97 147	5 485,835	74 724,057	13,621	13,152	44	98 410	5 557,145	79 049,352	14,225	13,756
45	96 940	5 128,020	69 238,221	13,502	13,033	45	98 299	5 199,869	73 492,207	14,133	13,664
46	96 707	4 792,186	64 110,201	13,378	12,909	46	98 166	4 864,483	68 292,338	14,039	13,570
47	96 440	4 476,802	59 318,015	13,250	12,781	47	98 013	4 549,826	63 427,855	13,941	13,472
48	96 142	4 180,753	54 841,213	13,118	12,648	48	97 843	4 254,735	58 878,029	13,838	13,369
49	95 802	3 902,566	50 660,460	12,981	12,512	49	97 662	3 978,315	54 623,293	13,730	13,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 6,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	3 641,559	46 757,894	12,840	12,371	50	97 458	3 718,962	50 644,978	13,618	13,149
51	95 022	3 396,724	43 116,336	12,694	12,224	51	97 230	3 475,666	46 926,016	13,501	13,032
52	94 565	3 166,666	39 719,612	12,543	12,074	52	96 988	3 247,783	43 450,350	13,378	12,909
53	94 068	2 950,830	36 552,946	12,387	11,918	53	96 719	3 033,990	40 202,567	13,251	12,782
54	93 528	2 748,384	33 602,117	12,226	11,757	54	96 425	2 833,507	37 168,577	13,118	12,648
55	92 929	2 558,100	30 853,733	12,061	11,592	55	96 118	2 645,882	34 335,070	12,977	12,508
56	92 288	2 379,815	28 295,633	11,890	11,421	56	95 772	2 469,661	31 689,188	12,831	12,362
57	91 600	2 212,729	25 915,818	11,712	11,243	57	95 409	2 304,725	29 219,526	12,678	12,209
58	90 871	2 056,305	23 703,089	11,527	11,058	58	95 015	2 150,085	26 914,801	12,518	12,049
59	90 067	1 909,248	21 646,784	11,338	10,869	59	94 582	2 004,947	24 764,716	12,352	11,883
60	89 203	1 771,358	19 737,536	11,143	10,673	60	94 130	1 869,196	22 759,769	12,176	11,707
61	88 257	1 641,757	17 966,179	10,943	10,474	61	93 615	1 741,429	20 890,573	11,996	11,527
62	87 265	1 520,656	16 324,422	10,735	10,266	62	93 083	1 622,040	19 149,144	11,806	11,336
63	86 192	1 406,989	14 803,766	10,522	10,052	63	92 499	1 509,941	17 527,104	11,608	11,139
64	85 060	1 300,712	13 396,777	10,300	9,830	64	91 882	1 405,032	16 017,162	11,400	10,931
65	83 838	1 200,953	12 096,065	10,072	9,603	65	91 221	1 306,719	14 612,130	11,182	10,713
66	82 531	1 107,480	10 895,111	9,838	9,369	66	90 515	1 214,615	13 305,411	10,954	10,485
67	81 155	1 020,157	9 787,632	9,594	9,125	67	89 771	1 128,460	12 090,796	10,714	10,245
68	79 692	938,422	8 767,474	9,343	8,874	68	88 961	1 047,571	10 962,336	10,465	9,995
69	78 126	861,808	7 829,052	9,084	8,615	69	88 090	971,719	9 914,766	10,203	9,734
70	76 437	789,863	6 967,244	8,821	8,352	70	87 123	900,291	8 943,047	9,934	9,464
71	74 634	722,464	6 177,381	8,550	8,081	71	86 082	833,288	8 042,755	9,652	9,183
72	72 706	659,298	5 454,917	8,274	7,805	72	84 934	770,182	7 209,468	9,361	8,892
73	70 591	599,642	4 795,619	7,997	7,528	73	83 620	710,317	6 439,286	9,065	8,596
74	68 328	543,718	4 195,977	7,717	7,248	74	82 170	653,867	5 728,969	8,762	8,293
75	65 861	490,953	3 652,259	7,439	6,970	75	80 582	600,685	5 075,102	8,449	7,980
76	63 245	441,642	3 161,306	7,158	6,689	76	78 787	550,165	4 474,417	8,133	7,664
77	60 452	395,445	2 719,665	6,877	6,408	77	76 790	502,314	3 924,251	7,812	7,343
78	57 448	352,030	2 324,219	6,602	6,133	78	74 566	456,927	3 421,937	7,489	7,020
79	54 252	311,424	1 972,189	6,333	5,864	79	72 086	413,799	2 965,010	7,165	6,696
80	50 965	274,058	1 660,765	6,060	5,591	80	69 379	373,078	2 551,211	6,838	6,369
81	47 504	239,296	1 386,707	5,795	5,326	81	66 370	334,329	2 178,133	6,515	6,046
82	43 948	207,383	1 147,411	5,533	5,064	82	63 085	297,687	1 843,804	6,194	5,725
83	40 329	178,273	940,028	5,273	4,804	83	59 498	263,006	1 546,117	5,879	5,410
84	36 688	151,921	761,755	5,014	4,545	84	55 633	230,371	1 283,111	5,570	5,101
85	33 009	128,043	609,834	4,763	4,294	85	51 517	199,838	1 052,740	5,268	4,799
86	29 285	106,417	481,790	4,527	4,058	86	47 123	171,234	852,903	4,981	4,512
87	25 606	87,164	375,373	4,306	3,837	87	42 568	144,904	681,668	4,704	4,235
88	21 973	70,068	288,209	4,113	3,644	88	37 687	120,177	536,765	4,466	3,997
89	18 659	55,736	218,141	3,914	3,445	89	32 959	98,454	416,588	4,231	3,762
90	15 592	43,632	162,404	3,722	3,253	90	28 352	79,338	318,134	4,010	3,541
91	12 944	33,932	118,773	3,500	3,031	91	24 151	63,307	238,797	3,772	3,303
92	10 431	25,613	84,841	3,312	2,843	92	19 969	49,036	175,490	3,579	3,110
93	8 165	18,781	59,228	3,154	2,684	93	16 195	37,254	126,454	3,394	2,925
94	6 252	13,473	40,447	3,002	2,533	94	12 845	27,679	89,200	3,223	2,754
95	4 671	9,429	26,974	2,861	2,392	95	9 950	20,084	61,522	3,063	2,594
96	3 400	6,429	17,545	2,729	2,260	96	7 517	14,215	41,437	2,915	2,446
97	2 407	4,265	11,116	2,606	2,137	97	5 533	9,801	27,222	2,777	2,308
98	1 656	2,749	6,851	2,493	2,023	98	3 962	6,574	17,421	2,650	2,181
99	1 106	1,719	4,102	2,387	1,917	99	2 756	4,285	10,847	2,532	2,062
100	715	1,042	2,383	2,288	1,819	100	1 861	2,710	6,562	2,422	1,953

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 506 860,923	15,069	14,599	0	100 000	100 000,000	1 513 360,710	15,134	14,664
1	99 594	93 078,326	1 406 860,923	15,115	14,645	1	99 680	93 158,914	1 413 360,710	15,172	14,702
2	99 558	86 958,127	1 313 782,597	15,108	14,639	2	99 652	87 039,651	1 320 201,796	15,168	14,698
3	99 539	81 253,635	1 226 824,469	15,099	14,629	3	99 636	81 332,354	1 233 162,145	15,162	14,692
4	99 524	75 926,511	1 145 570,834	15,088	14,618	4	99 621	76 000,647	1 151 829,791	15,156	14,686
5	99 510	70 949,131	1 069 644,323	15,076	14,607	5	99 609	71 020,129	1 075 829,144	15,148	14,679
6	99 498	66 299,927	998 695,192	15,063	14,594	6	99 600	66 367,948	1 004 809,015	15,140	14,670
7	99 488	61 956,016	932 395,265	15,049	14,580	7	99 592	62 021,147	938 441,067	15,131	14,661
8	99 478	57 897,219	870 439,249	15,034	14,565	8	99 584	57 958,846	876 419,920	15,121	14,652
9	99 469	54 104,348	812 542,030	15,018	14,549	9	99 578	54 163,782	818 461,074	15,111	14,641
10	99 460	50 560,471	758 437,681	15,001	14,531	10	99 572	50 617,143	764 297,292	15,100	14,630
11	99 451	47 248,551	707 877,211	14,982	14,512	11	99 564	47 301,930	713 680,149	15,088	14,618
12	99 442	44 153,231	660 628,659	14,962	14,493	12	99 556	44 203,900	666 378,219	15,075	14,606
13	99 431	41 260,387	616 475,428	14,941	14,472	13	99 548	41 308,890	622 174,319	15,062	14,592
14	99 422	38 557,733	575 215,041	14,918	14,449	14	99 538	38 602,641	580 865,429	15,047	14,578
15	99 406	36 029,322	536 657,308	14,895	14,426	15	99 526	36 072,769	542 262,788	15,032	14,563
16	99 386	33 665,538	500 627,986	14,871	14,401	16	99 512	33 708,298	506 190,019	15,017	14,547
17	99 357	31 453,790	466 962,448	14,846	14,376	17	99 496	31 498,017	472 481,722	15,000	14,531
18	99 323	29 386,028	435 508,658	14,820	14,351	18	99 479	29 432,232	440 983,704	14,983	14,514
19	99 268	27 448,315	406 122,630	14,796	14,326	19	99 457	27 500,750	411 551,472	14,965	14,496
20	99 213	25 638,642	378 674,314	14,770	14,300	20	99 436	25 696,109	384 050,722	14,946	14,476
21	99 154	23 947,034	353 035,672	14,742	14,273	21	99 415	24 009,988	358 354,613	14,925	14,456
22	99 098	22 367,785	329 088,638	14,713	14,243	22	99 393	22 434,391	334 344,625	14,903	14,434
23	99 043	20 892,710	306 720,854	14,681	14,211	23	99 371	20 961,902	311 910,234	14,880	14,410
24	98 988	19 515,143	285 828,144	14,646	14,177	24	99 348	19 586,107	290 948,332	14,855	14,385
25	98 931	18 227,944	266 313,001	14,610	14,141	25	99 325	18 300,611	271 362,225	14,828	14,359
26	98 872	17 025,365	248 085,058	14,571	14,102	26	99 303	17 099,564	253 061,614	14,799	14,330
27	98 812	15 901,839	231 059,693	14,530	14,061	27	99 277	15 976,631	235 962,050	14,769	14,300
28	98 749	14 852,125	215 157,854	14,487	14,017	28	99 251	14 927,577	219 985,419	14,737	14,267
29	98 688	13 871,889	200 305,729	14,440	13,970	29	99 225	13 947,383	205 057,842	14,702	14,233
30	98 625	12 956,042	186 433,840	14,390	13,920	30	99 198	13 031,322	191 110,459	14,665	14,196
31	98 559	12 100,407	173 477,798	14,337	13,867	31	99 171	12 175,463	178 079,137	14,626	14,157
32	98 486	11 300,409	161 377,391	14,281	13,811	32	99 138	11 375,228	165 903,674	14,585	14,115
33	98 413	10 553,245	150 076,982	14,221	13,751	33	99 104	10 627,372	154 528,447	14,541	14,071
34	98 341	9 855,683	139 523,737	14,157	13,687	34	99 068	9 928,530	143 901,075	14,494	14,024
35	98 262	9 203,477	129 668,054	14,089	13,620	35	99 028	9 275,234	133 972,545	14,444	13,975
36	98 177	8 593,936	120 464,577	14,017	13,548	36	98 986	8 664,749	124 697,311	14,391	13,922
37	98 087	8 024,389	111 870,641	13,941	13,472	37	98 939	8 094,120	116 032,562	14,335	13,866
38	97 990	7 492,022	103 846,253	13,861	13,391	38	98 887	7 560,614	107 938,442	14,276	13,807
39	97 885	6 994,351	96 354,231	13,776	13,306	39	98 829	7 061,829	100 377,828	14,214	13,745
40	97 770	6 529,103	89 359,880	13,686	13,217	40	98 760	6 595,198	93 315,999	14,149	13,680
41	97 636	6 093,647	82 830,776	13,593	13,123	41	98 689	6 159,343	86 720,801	14,080	13,610
42	97 491	5 686,537	76 737,129	13,495	13,025	42	98 607	5 751,612	80 561,457	14,007	13,537
43	97 334	5 305,951	71 050,592	13,391	12,921	43	98 514	5 370,254	74 809,845	13,930	13,461
44	97 147	4 949,296	65 744,641	13,284	12,814	44	98 410	5 013,631	69 439,592	13,850	13,381
45	96 940	4 615,667	60 795,345	13,172	12,702	45	98 299	4 680,338	64 425,961	13,765	13,296
46	96 707	4 303,309	56 179,678	13,055	12,585	46	98 166	4 368,231	59 745,623	13,677	13,208
47	96 440	4 010,706	51 876,369	12,934	12,465	47	98 013	4 076,127	55 377,392	13,586	13,116
48	96 142	3 736,729	47 865,663	12,810	12,340	48	97 843	3 802,854	51 301,264	13,490	13,021
49	95 802	3 479,937	44 128,934	12,681	12,211	49	97 662	3 547,484	47 498,410	13,389	12,920

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	3 239,609	40 648,996	12,547	12,078	50	97 458	3 308,469	43 950,927	13,284	12,815
51	95 022	3 014,738	37 409,387	12,409	11,939	51	97 230	3 084,803	40 642,458	13,175	12,706
52	94 565	2 803,985	34 394,649	12,266	11,797	52	96 988	2 875,812	37 557,655	13,060	12,590
53	94 068	2 606,764	31 590,663	12,119	11,649	53	96 719	2 680,228	34 681,843	12,940	12,470
54	93 528	2 422,251	28 983,899	11,966	11,496	54	96 425	2 497,273	32 001,615	12,815	12,345
55	92 929	2 249,279	26 561,649	11,809	11,339	55	96 118	2 326,464	29 504,342	12,682	12,213
56	92 288	2 087,628	24 312,369	11,646	11,176	56	95 772	2 166,443	27 177,878	12,545	12,075
57	91 600	1 936,521	22 224,741	11,477	11,007	57	95 409	2 017,034	25 011,434	12,400	11,931
58	90 871	1 795,418	20 288,220	11,300	10,830	58	95 015	1 877,300	22 994,400	12,249	11,779
59	90 067	1 663,124	18 492,802	11,119	10,650	59	94 582	1 746,486	21 117,100	12,091	11,622
60	89 203	1 539,404	16 829,678	10,933	10,463	60	94 130	1 624,431	19 370,614	11,925	11,455
61	88 257	1 423,441	15 290,274	10,742	10,272	61	93 615	1 509,858	17 746,183	11,754	11,284
62	87 265	1 315,363	13 866,834	10,542	10,073	62	93 083	1 403,060	16 236,325	11,572	11,103
63	86 192	1 214,198	12 551,471	10,337	9,868	63	92 499	1 303,043	14 833,265	11,384	10,914
64	85 060	1 119,861	11 337,273	10,124	9,654	64	91 882	1 209,676	13 530,222	11,185	10,715
65	83 838	1 031,556	10 217,412	9,905	9,435	65	91 221	1 122,403	12 320,545	10,977	10,507
66	82 531	949,045	9 185,856	9,679	9,210	66	90 515	1 040,854	11 198,142	10,759	10,289
67	81 155	872,172	8 236,811	9,444	8,975	67	89 771	964,764	10 157,288	10,528	10,059
68	79 692	800,419	7 364,639	9,201	8,731	68	88 961	893,516	9 192,524	10,288	9,819
69	78 126	733,354	6 564,220	8,951	8,481	69	88 090	826,883	8 299,007	10,037	9,567
70	76 437	670,562	5 830,865	8,695	8,226	70	87 123	764,312	7 472,125	9,776	9,307
71	74 634	611,911	5 160,303	8,433	7,964	71	86 082	705,775	6 707,813	9,504	9,035
72	72 706	557,105	4 548,393	8,164	7,695	72	84 934	650,802	6 002,038	9,223	8,753
73	70 591	505,512	3 991,287	7,896	7,426	73	83 620	598,814	5 351,236	8,936	8,467
74	68 328	457,296	3 485,775	7,623	7,153	74	82 170	549,938	4 752,422	8,642	8,172
75	65 861	411,953	3 028,479	7,352	6,882	75	80 582	504,028	4 202,484	8,338	7,868
76	63 245	369,711	2 616,526	7,077	6,608	76	78 787	460,559	3 698,456	8,030	7,561
77	60 452	330,265	2 246,815	6,803	6,334	77	76 790	419,519	3 237,897	7,718	7,249
78	57 448	293,319	1 916,550	6,534	6,064	78	74 566	380,721	2 818,378	7,403	6,933
79	54 252	258,879	1 623,231	6,270	5,801	79	72 086	343,981	2 437,657	7,087	6,617
80	50 965	227,285	1 364,352	6,003	5,533	80	69 379	309,405	2 093,676	6,767	6,297
81	47 504	197,992	1 137,067	5,743	5,273	81	66 370	276,622	1 784,271	6,450	5,981
82	43 948	171,186	939,075	5,486	5,016	82	63 085	245,729	1 507,649	6,135	5,666
83	40 329	146,814	767,888	5,230	4,761	83	59 498	216,594	1 261,920	5,826	5,357
84	36 688	124,820	621,075	4,976	4,506	84	55 633	189,275	1 045,326	5,523	5,053
85	33 009	104,956	496,255	4,728	4,259	85	51 517	163,805	856,051	5,226	4,757
86	29 285	87,025	391,299	4,496	4,027	86	47 123	140,031	692,246	4,944	4,474
87	25 606	71,114	304,274	4,279	3,809	87	42 568	118,222	552,215	4,671	4,202
88	21 973	57,032	233,160	4,088	3,619	88	37 687	97,819	433,994	4,437	3,967
89	18 659	45,261	176,127	3,891	3,422	89	32 959	79,950	336,175	4,205	3,735
90	15 592	35,349	130,866	3,702	3,233	90	28 352	64,276	256,225	3,986	3,517
91	12 944	27,426	95,518	3,483	3,013	91	24 151	51,169	191,950	3,751	3,282
92	10 431	20,654	68,092	3,297	2,827	92	19 969	39,541	140,781	3,560	3,091
93	8 165	15,109	47,438	3,140	2,670	93	16 195	29,971	101,240	3,378	2,908
94	6 252	10,814	32,329	2,990	2,520	94	12 845	22,215	71,269	3,208	2,739
95	4 671	7,550	21,515	2,850	2,380	95	9 950	16,082	49,054	3,050	2,581
96	3 400	5,136	13,965	2,719	2,250	96	7 517	11,356	32,972	2,903	2,434
97	2 407	3,399	8,829	2,598	2,128	97	5 533	7,811	21,615	2,767	2,298
98	1 656	2,186	5,430	2,485	2,015	98	3 962	5,227	13,804	2,641	2,171
99	1 106	1,364	3,245	2,379	1,910	99	2 756	3,399	8,577	2,523	2,054
100	715	0,824	1,881	2,282	1,812	100	1 861	2,144	5,178	2,415	1,945

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 460 007,913	14,600	14,130	0	100 000	100 000,000	1 465 831,465	14,658	14,188
1	99 594	92 861,360	1 360 007,913	14,646	14,176	1	99 680	92 941,761	1 365 831,465	14,696	14,226
2	99 558	86 553,201	1 267 146,553	14,640	14,170	2	99 652	86 634,345	1 272 889,704	14,693	14,223
3	99 539	80 686,751	1 180 593,352	14,632	14,162	3	99 636	80 764,921	1 186 255,359	14,688	14,218
4	99 524	75 221,043	1 099 906,601	14,622	14,152	4	99 621	75 294,490	1 105 490,439	14,682	14,212
5	99 510	70 126,064	1 024 685,558	14,612	14,142	5	99 609	70 196,239	1 030 195,949	14,676	14,206
6	99 498	65 378,042	954 559,494	14,601	14,131	6	99 600	65 445,118	959 999,710	14,669	14,199
7	99 488	60 952,121	889 181,451	14,588	14,118	7	99 592	61 016,196	894 554,592	14,661	14,191
8	99 478	56 826,318	828 229,330	14,575	14,105	8	99 584	56 886,805	833 538,396	14,653	14,183
9	99 469	52 979,818	771 403,012	14,560	14,090	9	99 578	53 038,016	776 651,591	14,643	14,173
10	99 460	49 394,191	718 423,194	14,545	14,075	10	99 572	49 449,556	723 613,575	14,633	14,163
11	99 451	46 051,072	669 029,003	14,528	14,058	11	99 564	46 103,098	674 164,019	14,623	14,153
12	99 442	42 933,887	622 977,931	14,510	14,040	12	99 556	42 983,157	628 060,921	14,612	14,142
13	99 431	40 027,411	580 044,044	14,491	14,021	13	99 548	40 074,464	585 077,764	14,600	14,130
14	99 422	37 318,327	540 016,633	14,471	14,001	14	99 538	37 361,792	545 003,300	14,587	14,117
15	99 406	34 789,905	502 698,306	14,450	13,980	15	99 526	34 831,857	507 641,508	14,574	14,104
16	99 386	32 431,661	467 908,401	14,428	13,958	16	99 512	32 472,853	472 809,651	14,560	14,090
17	99 357	30 230,344	435 476,740	14,405	13,935	17	99 496	30 272,851	440 336,798	14,546	14,076
18	99 323	28 177,177	405 246,396	14,382	13,912	18	99 479	28 221,480	410 063,947	14,530	14,060
19	99 268	26 257,825	377 069,220	14,360	13,890	19	99 457	26 307,986	381 842,467	14,514	14,044
20	99 213	24 469,470	350 811,395	14,337	13,867	20	99 436	24 524,316	355 534,481	14,497	14,027
21	99 154	22 801,727	326 341,925	14,312	13,842	21	99 415	22 861,670	331 010,165	14,479	14,009
22	99 098	21 248,362	303 540,198	14,285	13,815	22	99 393	21 311,635	308 148,495	14,459	13,989
23	99 043	19 800,845	282 291,835	14,257	13,787	23	99 371	19 866,422	286 836,860	14,438	13,968
24	98 988	18 452,159	262 490,990	14,225	13,756	24	99 348	18 519,257	266 970,438	14,416	13,946
25	98 931	17 194,898	244 038,832	14,193	13,723	25	99 325	17 263,447	248 451,180	14,392	13,922
26	98 872	16 023,037	226 843,934	14,157	13,687	26	99 303	16 092,867	231 187,733	14,366	13,896
27	98 812	14 930,770	210 820,897	14,120	13,650	27	99 277	15 000,996	215 094,866	14,339	13,869
28	98 749	13 912,653	195 890,126	14,080	13,610	28	99 251	13 983,332	200 093,870	14,309	13,840
29	98 688	12 964,132	181 977,473	14,037	13,567	29	99 225	13 034,685	186 110,539	14,278	13,808
30	98 625	12 079,992	169 013,342	13,991	13,521	30	99 198	12 150,182	173 075,853	14,245	13,775
31	98 559	11 255,914	156 933,350	13,942	13,472	31	99 171	11 325,732	160 925,672	14,209	13,739
32	98 486	10 487,245	145 677,436	13,891	13,421	32	99 138	10 556,680	149 599,940	14,171	13,701
33	98 413	9 771,017	135 190,191	13,836	13,366	33	99 104	9 839,649	139 043,260	14,131	13,661
34	98 341	9 103,889	125 419,174	13,776	13,307	34	99 068	9 171,179	129 203,611	14,088	13,618
35	98 262	8 481,616	116 315,285	13,714	13,244	35	99 028	8 547,745	120 032,432	14,043	13,573
36	98 177	7 901,422	107 833,669	13,647	13,177	36	98 986	7 966,529	111 484,687	13,994	13,524
37	98 087	7 360,573	99 932,247	13,577	13,107	37	98 939	7 424,536	103 518,158	13,943	13,473
38	97 990	6 856,227	92 571,674	13,502	13,032	38	98 887	6 918,998	96 093,622	13,888	13,418
39	97 885	6 385,869	85 715,448	13,423	12,953	39	98 829	6 447,476	89 174,624	13,831	13,361
40	97 770	5 947,201	79 329,579	13,339	12,869	40	98 760	6 007,405	82 727,148	13,771	13,301
41	97 636	5 537,616	73 382,377	13,252	12,782	41	98 689	5 597,318	76 719,743	13,707	13,237
42	97 491	5 155,608	67 844,762	13,159	12,690	42	98 607	5 214,607	71 122,425	13,639	13,169
43	97 334	4 799,342	62 689,153	13,062	12,592	43	98 514	4 857,506	65 907,817	13,568	13,098
44	97 147	4 466,305	57 889,811	12,961	12,492	44	98 410	4 524,362	61 050,312	13,494	13,024
45	96 940	4 155,525	53 423,506	12,856	12,386	45	98 299	4 213,749	56 525,950	13,415	12,945
46	96 707	3 865,276	49 267,980	12,746	12,276	46	98 166	3 923,589	52 312,201	13,333	12,863
47	96 440	3 594,060	45 402,705	12,633	12,163	47	98 013	3 652,685	48 388,612	13,247	12,778
48	96 142	3 340,739	41 808,645	12,515	12,045	48	97 843	3 399,856	44 735,927	13,158	12,688
49	95 802	3 103,908	38 467,907	12,393	11,923	49	97 662	3 164,155	41 336,071	13,064	12,594



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	2 882,813	35 363,999	12,267	11,797	50	97 458	2 944,089	38 171,916	12,966	12,496
51	95 022	2 676,455	32 481,186	12,136	11,666	51	97 230	2 738,658	35 227,827	12,863	12,393
52	94 565	2 483,548	29 804,731	12,001	11,531	52	96 988	2 547,167	32 489,170	12,755	12,285
53	94 068	2 303,483	27 321,183	11,861	11,391	53	96 719	2 368,400	29 942,003	12,642	12,172
54	93 528	2 135,447	25 017,700	11,715	11,246	54	96 425	2 201,587	27 573,603	12,524	12,055
55	92 929	1 978,334	22 882,253	11,566	11,097	55	96 118	2 046,221	25 372,017	12,399	11,930
56	92 288	1 831,875	20 903,919	11,411	10,941	56	95 772	1 901,035	23 325,796	12,270	11,800
57	91 600	1 695,319	19 072,044	11,250	10,780	57	95 409	1 765,804	21 424,761	12,133	11,663
58	90 871	1 568,127	17 376,725	11,081	10,611	58	95 015	1 639,643	19 658,957	11,990	11,520
59	90 067	1 449,194	15 808,598	10,909	10,439	59	94 582	1 521,834	18 019,314	11,841	11,371
60	89 203	1 338,262	14 359,403	10,730	10,260	60	94 130	1 412,179	16 497,480	11,682	11,212
61	88 257	1 234,566	13 021,141	10,547	10,077	61	93 615	1 309,518	15 085,301	11,520	11,050
62	87 265	1 138,170	11 786,575	10,356	9,886	62	93 083	1 214,053	13 775,783	11,347	10,877
63	86 192	1 048,184	10 648,405	10,159	9,689	63	92 499	1 124,882	12 561,730	11,167	10,697
64	85 060	964,492	9 600,221	9,954	9,484	64	91 882	1 041,846	11 436,848	10,977	10,508
65	83 838	886,368	8 635,729	9,743	9,273	65	91 221	964,428	10 395,002	10,778	10,309
66	82 531	813,569	7 749,361	9,525	9,055	66	90 515	892,272	9 430,573	10,569	10,099
67	81 155	745,927	6 935,793	9,298	8,828	67	89 771	825,116	8 538,302	10,348	9,878
68	79 692	682,964	6 189,866	9,063	8,593	68	88 961	762,400	7 713,185	10,117	9,647
69	78 126	624,282	5 506,902	8,821	8,351	69	88 090	703,900	6 950,785	9,875	9,405
70	76 437	569,498	4 882,620	8,574	8,104	70	87 123	649,118	6 246,886	9,624	9,154
71	74 634	518,475	4 313,121	8,319	7,849	71	86 082	598,007	5 597,767	9,361	8,891
72	72 706	470,938	3 794,646	8,058	7,588	72	84 934	550,143	4 999,760	9,088	8,618
73	70 591	426,329	3 323,709	7,796	7,326	73	83 620	505,015	4 449,617	8,811	8,341
74	68 328	384,766	2 897,380	7,530	7,060	74	82 170	462,714	3 944,602	8,525	8,055
75	65 861	345,807	2 512,614	7,266	6,796	75	80 582	423,098	3 481,888	8,230	7,760
76	63 245	309,624	2 166,807	6,998	6,528	76	78 787	385,707	3 058,790	7,930	7,460
77	60 452	275,944	1 857,183	6,730	6,260	77	76 790	350,518	2 673,083	7,626	7,156
78	57 448	244,504	1 581,239	6,467	5,997	78	74 566	317,360	2 322,565	7,318	6,848
79	54 252	215,292	1 336,735	6,209	5,739	79	72 086	286,066	2 005,205	7,010	6,540
80	50 965	188,577	1 121,443	5,947	5,477	80	69 379	256,712	1 719,140	6,697	6,227
81	47 504	163,890	932,866	5,692	5,222	81	66 370	228,977	1 462,428	6,387	5,917
82	43 948	141,371	768,976	5,439	4,970	82	63 085	202,931	1 233,451	6,078	5,608
83	40 329	120,961	627,605	5,189	4,719	83	59 498	178,453	1 030,520	5,775	5,305
84	36 688	102,600	506,644	4,938	4,468	84	55 633	155,581	852,067	5,477	5,007
85	33 009	86,071	404,044	4,694	4,224	85	51 517	134,331	696,486	5,185	4,715
86	29 285	71,200	317,973	4,466	3,996	86	47 123	114,567	562,155	4,907	4,437
87	25 606	58,047	246,773	4,251	3,781	87	42 568	96,498	447,588	4,638	4,168
88	21 973	46,444	188,726	4,064	3,594	88	37 687	79,658	351,089	4,407	3,938
89	18 659	36,772	142,282	3,869	3,399	89	32 959	64,955	271,431	4,179	3,709
90	15 592	28,652	105,509	3,682	3,213	90	28 352	52,099	206,476	3,963	3,493
91	12 944	22,178	76,857	3,465	2,996	91	24 151	41,378	154,377	3,731	3,261
92	10 431	16,663	54,679	3,281	2,812	92	19 969	31,901	112,998	3,542	3,072
93	8 165	12,161	38,016	3,126	2,656	93	16 195	24,123	81,097	3,362	2,892
94	6 252	8,684	25,855	2,977	2,507	94	12 845	17,839	56,974	3,194	2,724
95	4 671	6,049	17,171	2,839	2,369	95	9 950	12,884	39,134	3,037	2,567
96	3 400	4,105	11,122	2,709	2,239	96	7 517	9,077	26,250	2,892	2,422
97	2 407	2,710	7,017	2,589	2,119	97	5 533	6,229	17,173	2,757	2,287
98	1 656	1,739	4,307	2,477	2,007	98	3 962	4,159	10,944	2,632	2,162
99	1 106	1,082	2,568	2,372	1,903	99	2 756	2,698	6,786	2,515	2,045
100	715	0,653	1,485	2,275	1,805	100	1 861	1,698	4,088	2,407	1,937

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 416 057,772	14,161	13,690	0	100 000	100 000,000	1 421 295,523	14,213	13,743
1	99 594	92 645,404	1 316 057,772	14,205	13,735	1	99 680	92 725,617	1 321 295,523	14,250	13,779
2	99 558	86 151,096	1 223 412,368	14,201	13,730	2	99 652	86 231,863	1 228 569,906	14,247	13,777
3	99 539	80 125,129	1 137 261,273	14,194	13,723	3	99 636	80 202,754	1 142 338,043	14,243	13,773
4	99 524	74 523,749	1 057 136,144	14,185	13,715	4	99 621	74 596,515	1 062 135,289	14,238	13,768
5	99 510	69 314,429	982 612,395	14,176	13,706	5	99 609	69 383,791	987 538,774	14,233	13,763
6	99 498	64 471,078	913 297,966	14,166	13,696	6	99 600	64 537,223	918 154,983	14,227	13,756
7	99 488	59 966,773	848 826,888	14,155	13,685	7	99 592	60 029,812	853 617,760	14,220	13,750
8	99 478	55 777,650	788 860,115	14,143	13,673	8	99 584	55 837,021	793 587,948	14,213	13,742
9	99 469	51 881,197	733 082,465	14,130	13,660	9	99 578	51 938,189	737 750,927	14,204	13,734
10	99 460	48 257,436	681 201,268	14,116	13,646	10	99 572	48 311,527	685 812,738	14,196	13,725
11	99 451	44 886,624	632 943,832	14,101	13,631	11	99 564	44 937,335	637 501,211	14,186	13,716
12	99 442	41 750,939	588 057,207	14,085	13,615	12	99 556	41 798,852	592 563,877	14,177	13,706
13	99 431	38 834,022	546 306,268	14,068	13,597	13	99 548	38 879,672	550 765,025	14,166	13,696
14	99 422	36 121,509	507 472,246	14,049	13,579	14	99 538	36 163,579	511 885,353	14,155	13,684
15	99 406	33 595,862	471 350,737	14,030	13,560	15	99 526	33 636,374	475 721,773	14,143	13,673
16	99 386	31 245,723	437 754,875	14,010	13,540	16	99 512	31 285,409	442 085,399	14,131	13,660
17	99 357	29 057,170	406 509,152	13,990	13,520	17	99 496	29 098,027	410 799,990	14,118	13,648
18	99 323	27 020,696	377 451,983	13,969	13,499	18	99 479	27 063,181	381 701,963	14,104	13,634
19	99 268	25 121,563	350 431,287	13,949	13,479	19	99 457	25 169,553	354 638,782	14,090	13,620
20	99 213	23 356,152	325 309,724	13,928	13,458	20	99 436	23 408,502	329 469,229	14,075	13,604
21	99 154	21 713,674	301 953,572	13,906	13,436	21	99 415	21 770,757	306 060,726	14,058	13,588
22	99 098	20 187,376	280 239,898	13,882	13,412	22	99 393	20 247,489	284 289,970	14,041	13,570
23	99 043	18 768,388	260 052,522	13,856	13,386	23	99 371	18 830,546	264 042,481	14,022	13,552
24	98 988	17 449,350	241 284,134	13,828	13,357	24	99 348	17 512,802	245 211,935	14,002	13,532
25	98 931	16 222,602	223 834,784	13,798	13,327	25	99 325	16 287,275	227 699,133	13,980	13,510
26	98 872	15 081,849	207 612,182	13,766	13,295	26	99 303	15 147,577	211 411,857	13,957	13,487
27	98 812	14 021,059	192 530,333	13,732	13,261	27	99 277	14 087,005	196 264,280	13,932	13,462
28	98 749	13 034,590	178 509,275	13,695	13,225	28	99 251	13 100,808	182 177,275	13,906	13,436
29	98 688	12 117,686	165 474,685	13,656	13,185	29	99 225	12 183,633	169 076,467	13,877	13,407
30	98 625	11 265,014	153 356,998	13,614	13,143	30	99 198	11 330,469	156 892,834	13,847	13,377
31	98 559	10 472,122	142 091,984	13,569	13,098	31	99 171	10 537,078	145 562,365	13,814	13,344
32	98 486	9 734,288	131 619,863	13,521	13,051	32	99 138	9 798,738	135 025,287	13,780	13,310
33	98 413	9 048,391	121 885,575	13,470	13,000	33	99 104	9 111,948	125 226,550	13,743	13,273
34	98 341	8 410,995	112 837,183	13,415	12,945	34	99 068	8 473,164	116 114,602	13,704	13,234
35	98 262	7 817,860	104 426,188	13,357	12,887	35	99 028	7 878,814	107 641,438	13,662	13,192
36	98 177	7 266,134	96 608,328	13,296	12,825	36	98 986	7 326,006	99 762,624	13,618	13,147
37	98 087	6 753,028	89 342,194	13,230	12,760	37	98 939	6 811,711	92 436,618	13,570	13,100
38	97 990	6 275,682	82 589,166	13,160	12,690	38	98 887	6 333,138	85 624,906	13,520	13,050
39	97 885	5 831,559	76 313,484	13,086	12,616	39	98 829	5 887,818	79 291,768	13,467	12,997
40	97 770	5 418,338	70 481,925	13,008	12,538	40	98 760	5 473,188	73 403,950	13,412	12,941
41	97 636	5 033,443	65 063,587	12,926	12,456	41	98 689	5 087,709	67 930,761	13,352	12,882
42	97 491	4 675,317	60 030,145	12,840	12,370	42	98 607	4 728,820	62 843,052	13,289	12,819
43	97 334	4 342,119	55 354,828	12,748	12,278	43	98 514	4 394,741	58 114,233	13,224	12,753
44	97 147	4 031,412	51 012,709	12,654	12,184	44	98 410	4 083,816	53 719,492	13,154	12,684
45	96 940	3 742,170	46 981,297	12,555	12,084	45	98 299	3 794,603	49 635,676	13,081	12,610
46	96 707	3 472,698	43 239,126	12,451	11,981	46	98 166	3 525,089	45 841,073	13,004	12,534
47	96 440	3 221,518	39 766,429	12,344	11,874	47	98 013	3 274,066	42 315,985	12,925	12,454
48	96 142	2 987,491	36 544,910	12,233	11,762	48	97 843	3 040,358	39 041,918	12,841	12,371
49	95 802	2 769,248	33 557,419	12,118	11,648	49	97 662	2 822,999	36 001,560	12,753	12,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	2 566,010	30 788,171	11,998	11,528	50	97 458	2 620,552	33 178,561	12,661	12,191
51	95 022	2 376,789	28 222,162	11,874	11,404	51	97 230	2 432,027	30 558,010	12,565	12,095
52	94 565	2 200,351	25 845,373	11,746	11,276	52	96 988	2 256,716	28 125,983	12,463	11,993
53	94 068	2 036,073	23 645,021	11,613	11,143	53	96 719	2 093,454	25 869,267	12,357	11,887
54	93 528	1 883,155	21 608,948	11,475	11,005	54	96 425	1 941,480	23 775,813	12,246	11,776
55	92 929	1 740,546	19 725,793	11,333	10,863	55	96 118	1 800,274	21 834,333	12,128	11,658
56	92 288	1 607,943	17 985,247	11,185	10,715	56	95 772	1 668,649	20 034,059	12,006	11,536
57	91 600	1 484,619	16 377,304	11,031	10,561	57	95 409	1 546,344	18 365,411	11,877	11,406
58	90 871	1 370,042	14 892,685	10,870	10,400	58	95 015	1 432,524	16 819,067	11,741	11,271
59	90 067	1 263,188	13 522,643	10,705	10,235	59	94 582	1 326,504	15 386,543	11,599	11,129
60	89 203	1 163,781	12 259,455	10,534	10,064	60	94 130	1 228,061	14 060,038	11,449	10,979
61	88 257	1 071,109	11 095,673	10,359	9,889	61	93 615	1 136,136	12 831,977	11,294	10,824
62	87 265	985,179	10 024,565	10,175	9,705	62	93 083	1 050,862	11 695,841	11,130	10,659
63	86 192	905,178	9 039,386	9,986	9,516	63	92 499	971,412	10 644,979	10,958	10,488
64	85 060	830,968	8 134,208	9,789	9,319	64	91 882	897,613	9 673,567	10,777	10,307
65	83 838	761,883	7 303,240	9,586	9,115	65	91 221	828,981	8 775,954	10,586	10,116
66	82 531	697,682	6 541,357	9,376	8,906	66	90 515	765,174	7 946,973	10,386	9,916
67	81 155	638,187	5 843,675	9,157	8,686	67	89 771	705,939	7 181,799	10,173	9,703
68	79 692	582,960	5 205,488	8,929	8,459	68	88 961	650,765	6 475,860	9,951	9,481
69	78 126	531,631	4 622,528	8,695	8,225	69	88 090	599,433	5 825,095	9,718	9,247
70	76 437	483,850	4 090,896	8,455	7,985	70	87 123	551,496	5 225,663	9,475	9,005
71	74 634	439,476	3 607,046	8,208	7,737	71	86 082	506,890	4 674,167	9,221	8,751
72	72 706	398,254	3 167,570	7,954	7,483	72	84 934	465,234	4 167,276	8,957	8,487
73	70 591	359,691	2 769,316	7,699	7,229	73	83 620	426,079	3 702,042	8,689	8,218
74	68 328	323,870	2 409,625	7,440	6,970	74	82 170	389,481	3 275,964	8,411	7,941
75	65 861	290,400	2 085,755	7,182	6,712	75	80 582	355,307	2 886,483	8,124	7,654
76	63 245	259,410	1 795,356	6,921	6,451	76	78 787	323,154	2 531,176	7,833	7,362
77	60 452	230,654	1 535,946	6,659	6,189	77	76 790	292,988	2 208,022	7,536	7,066
78	57 448	203,899	1 305,292	6,402	5,931	78	74 566	264,656	1 915,034	7,236	6,766
79	54 252	179,121	1 101,393	6,149	5,679	79	72 086	238,004	1 650,378	6,934	6,464
80	50 965	156,529	922,272	5,892	5,422	80	69 379	213,085	1 412,374	6,628	6,158
81	47 504	135,721	765,742	5,642	5,172	81	66 370	189,621	1 199,289	6,325	5,854
82	43 948	116,801	630,021	5,394	4,924	82	63 085	167,661	1 009,668	6,022	5,552
83	40 329	99,705	513,220	5,147	4,677	83	59 498	147,095	842,006	5,724	5,254
84	36 688	84,374	413,515	4,901	4,431	84	55 633	127,944	694,912	5,431	4,961
85	33 009	70,617	329,141	4,661	4,191	85	51 517	110,212	566,968	5,144	4,674
86	29 285	58,280	258,524	4,436	3,966	86	47 123	93,778	456,756	4,871	4,400
87	25 606	47,403	200,244	4,224	3,754	87	42 568	78,804	362,978	4,606	4,136
88	21 973	37,840	152,841	4,039	3,569	88	37 687	64,901	284,174	4,379	3,908
89	18 659	29,890	115,001	3,847	3,377	89	32 959	52,798	219,274	4,153	3,683
90	15 592	23,235	85,111	3,663	3,193	90	28 352	42,250	166,475	3,940	3,470
91	12 944	17,944	61,875	3,448	2,978	91	24 151	33,478	124,225	3,711	3,240
92	10 431	13,450	43,932	3,266	2,796	92	19 969	25,750	90,747	3,524	3,054
93	8 165	9,794	30,482	3,112	2,642	93	16 195	19,427	64,997	3,346	2,875
94	6 252	6,977	20,688	2,965	2,495	94	12 845	14,333	45,571	3,179	2,709
95	4 671	4,849	13,711	2,828	2,358	95	9 950	10,328	31,238	3,025	2,554
96	3 400	3,283	8,862	2,700	2,229	96	7 517	7,259	20,910	2,881	2,410
97	2 407	2,162	5,580	2,580	2,110	97	5 533	4,970	13,651	2,747	2,277
98	1 656	1,384	3,417	2,469	1,999	98	3 962	3,310	8,682	2,623	2,152
99	1 106	0,860	2,033	2,366	1,895	99	2 756	2,142	5,371	2,507	2,037
100	715	0,517	1,174	2,269	1,799	100	1 861	1,345	3,229	2,400	1,930

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 374 761,884	13,748	13,277	0	100 000	100 000,000	1 379 490,838	13,795	13,324
1	99 594	92 430,449	1 274 761,884	13,792	13,321	1	99 680	92 510,477	1 279 490,838	13,831	13,360
2	99 558	85 751,786	1 182 331,435	13,788	13,317	2	99 652	85 832,179	1 186 980,361	13,829	13,358
3	99 539	79 568,706	1 096 579,649	13,782	13,311	3	99 636	79 645,793	1 101 148,182	13,826	13,355
4	99 524	73 834,517	1 017 010,943	13,774	13,304	4	99 621	73 906,610	1 021 502,390	13,822	13,351
5	99 510	68 514,040	943 176,426	13,766	13,296	5	99 609	68 582,601	947 595,780	13,817	13,346
6	99 498	63 578,759	874 662,386	13,757	13,286	6	99 600	63 643,988	879 013,179	13,811	13,341
7	99 488	58 999,588	811 083,627	13,747	13,277	7	99 592	59 061,610	815 369,190	13,805	13,335
8	99 478	54 750,702	752 084,040	13,737	13,266	8	99 584	54 808,980	756 307,580	13,799	13,328
9	99 469	50 807,832	697 333,337	13,725	13,254	9	99 578	50 863,644	701 498,600	13,792	13,321
10	99 460	47 149,392	646 525,506	13,712	13,242	10	99 572	47 202,241	650 634,956	13,784	13,313
11	99 451	43 754,224	599 376,114	13,699	13,228	11	99 564	43 803,655	603 432,715	13,776	13,305
12	99 442	40 603,220	555 621,890	13,684	13,214	12	99 556	40 649,815	559 629,060	13,767	13,296
13	99 431	37 678,862	515 018,670	13,669	13,198	13	99 548	37 723,155	518 979,245	13,758	13,287
14	99 422	34 965,720	477 339,807	13,652	13,181	14	99 538	35 006,445	481 256,090	13,748	13,277
15	99 406	32 445,433	442 374,087	13,634	13,164	15	99 526	32 484,558	446 249,646	13,737	13,267
16	99 386	30 105,756	409 928,654	13,616	13,146	16	99 512	30 143,995	413 765,088	13,726	13,256
17	99 357	27 932,092	379 822,898	13,598	13,127	17	99 496	27 971,368	383 621,093	13,715	13,244
18	99 323	25 914,204	351 890,806	13,579	13,108	18	99 479	25 954,949	355 649,726	13,703	13,232
19	99 268	24 036,940	325 976,602	13,561	13,091	19	99 457	24 082,858	329 694,777	13,690	13,219
20	99 213	22 295,900	301 939,663	13,542	13,072	20	99 436	22 345,874	305 611,919	13,676	13,206
21	99 154	20 679,889	279 643,763	13,522	13,052	21	99 415	20 734,254	283 266,045	13,662	13,191
22	99 098	19 181,649	258 963,874	13,501	13,030	22	99 393	19 238,768	262 531,791	13,646	13,175
23	99 043	17 791,978	239 782,225	13,477	13,006	23	99 371	17 850,902	243 293,023	13,629	13,159
24	98 988	16 503,183	221 990,246	13,451	12,981	24	99 348	16 563,194	225 442,121	13,611	13,140
25	98 931	15 307,355	205 487,064	13,424	12,953	25	99 325	15 368,379	208 878,927	13,591	13,121
26	98 872	14 197,942	190 179,709	13,395	12,924	26	99 303	14 259,819	193 510,548	13,570	13,100
27	98 812	13 168,697	175 981,767	13,364	12,893	27	99 277	13 230,635	179 250,729	13,548	13,077
28	98 749	12 213,793	162 813,070	13,330	12,860	28	99 251	12 275,842	166 020,094	13,524	13,053
29	98 688	11 328,283	150 599,276	13,294	12,823	29	99 225	11 389,933	153 744,253	13,498	13,028
30	98 625	10 506,724	139 270,993	13,255	12,785	30	99 198	10 567,772	142 354,319	13,471	13,000
31	98 559	9 744,542	128 764,270	13,214	12,743	31	99 171	9 804,985	131 786,547	13,441	12,970
32	98 486	9 036,955	119 019,728	13,170	12,700	32	99 138	9 096,788	121 981,562	13,409	12,939
33	98 413	8 380,704	109 982,773	13,123	12,653	33	99 104	8 439,570	112 884,774	13,376	12,905
34	98 341	7 772,267	101 602,069	13,072	12,602	34	99 068	7 829,714	104 445,204	13,340	12,869
35	98 262	7 207,413	93 829,802	13,019	12,548	35	99 028	7 263,607	96 615,490	13,301	12,831
36	98 177	6 683,225	86 622,390	12,961	12,491	36	98 986	6 738,294	89 351,883	13,260	12,790
37	98 087	6 196,871	79 939,165	12,900	12,429	37	98 939	6 250,721	82 613,589	13,217	12,746
38	97 990	5 745,476	73 742,295	12,835	12,364	38	98 887	5 798,078	76 362,868	13,170	12,700
39	97 885	5 326,487	67 996,819	12,766	12,295	39	98 829	5 377,874	70 564,790	13,121	12,651
40	97 770	4 937,573	62 670,332	12,693	12,222	40	98 760	4 987,556	65 186,916	13,070	12,599
41	97 636	4 576,186	57 732,759	12,616	12,145	41	98 689	4 625,523	60 199,360	13,015	12,544
42	97 491	4 240,732	53 156,573	12,535	12,064	42	98 607	4 289,262	55 573,837	12,957	12,486
43	97 334	3 929,368	48 915,840	12,449	11,978	43	98 514	3 976,988	51 284,575	12,895	12,425
44	97 147	3 639,732	44 986,473	12,360	11,889	44	98 410	3 687,044	47 307,587	12,831	12,360
45	96 940	3 370,753	41 346,741	12,266	11,796	45	98 299	3 417,981	43 620,543	12,762	12,291
46	96 707	3 120,768	37 975,988	12,169	11,698	46	98 166	3 167,850	40 202,562	12,691	12,220
47	96 440	2 888,327	34 855,220	12,068	11,597	47	98 013	2 935,440	37 034,713	12,616	12,146
48	96 142	2 672,290	31 966,893	11,962	11,492	48	97 843	2 719,578	34 099,273	12,538	12,068
49	95 802	2 471,325	29 294,603	11,854	11,383	49	97 662	2 519,294	31 379,694	12,456	11,985

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 7,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	2 284,639	26 823,278	11,741	11,270	50	97 458	2 333,200	28 860,400	12,369	11,899
51	95 022	2 111,257	24 538,639	11,623	11,152	51	97 230	2 160,324	26 527,200	12,279	11,809
52	94 565	1 949,996	22 427,383	11,501	11,031	52	96 988	1 999,947	24 366,876	12,184	11,713
53	94 068	1 800,223	20 477,387	11,375	10,904	53	96 719	1 850,956	22 366,929	12,084	11,613
54	93 528	1 661,154	18 677,164	11,243	10,773	54	96 425	1 712,604	20 515,973	11,979	11,509
55	92 929	1 531,795	17 016,010	11,109	10,638	55	96 118	1 584,360	18 803,369	11,868	11,397
56	92 288	1 411,813	15 484,214	10,968	10,497	56	95 772	1 465,114	17 219,009	11,753	11,282
57	91 600	1 300,507	14 072,402	10,821	10,350	57	95 409	1 354,577	15 753,896	11,630	11,159
58	90 871	1 197,354	12 771,895	10,667	10,196	58	95 015	1 251,961	14 399,319	11,501	11,031
59	90 067	1 101,407	11 574,541	10,509	10,038	59	94 582	1 156,614	13 147,358	11,367	10,896
60	89 203	1 012,378	10 473,133	10,345	9,874	60	94 130	1 068,295	11 990,744	11,224	10,754
61	88 257	929,599	9 460,756	10,177	9,707	61	93 615	986,036	10 922,449	11,077	10,606
62	87 265	853,038	8 531,156	10,001	9,530	62	93 083	909,912	9 936,413	10,920	10,450
63	86 192	781,950	7 678,118	9,819	9,349	63	92 499	839,167	9 026,502	10,757	10,286
64	85 060	716,176	6 896,169	9,629	9,158	64	91 882	773,615	8 187,335	10,583	10,113
65	83 838	655,112	6 179,992	9,433	8,963	65	91 221	712,806	7 413,720	10,401	9,930
66	82 531	598,516	5 524,880	9,231	8,760	66	90 515	656,415	6 700,914	10,208	9,738
67	81 155	546,207	4 926,365	9,019	8,549	67	89 771	604,194	6 044,499	10,004	9,534
68	79 692	497,782	4 380,157	8,799	8,329	68	88 961	555,680	5 440,304	9,790	9,320
69	78 126	452,900	3 882,375	8,572	8,102	69	88 090	510,660	4 884,624	9,565	9,095
70	76 437	411,239	3 429,475	8,339	7,869	70	87 123	468,733	4 373,964	9,331	8,861
71	74 634	372,657	3 018,236	8,099	7,629	71	86 082	429,821	3 905,231	9,086	8,615
72	72 706	336,919	2 645,579	7,852	7,382	72	84 934	393,583	3 475,410	8,830	8,360
73	70 591	303,589	2 308,660	7,605	7,134	73	83 620	359,622	3 081,826	8,570	8,099
74	68 328	272,721	2 005,071	7,352	6,881	74	82 170	327,970	2 722,204	8,300	7,829
75	65 861	243,969	1 732,350	7,101	6,630	75	80 582	298,499	2 394,234	8,021	7,550
76	63 245	217,428	1 488,381	6,845	6,375	76	78 787	270,856	2 095,736	7,737	7,267
77	60 452	192,878	1 270,953	6,589	6,119	77	76 790	245,003	1 824,879	7,448	6,978
78	57 448	170,109	1 078,074	6,338	5,867	78	74 566	220,797	1 579,876	7,155	6,685
79	54 252	149,090	907,965	6,090	5,619	79	72 086	198,101	1 359,078	6,861	6,390
80	50 965	129,984	758,875	5,838	5,368	80	69 379	176,949	1 160,977	6,561	6,090
81	47 504	112,443	628,891	5,593	5,122	81	66 370	157,099	984,028	6,264	5,793
82	43 948	96,543	516,447	5,349	4,879	82	63 085	138,583	826,929	5,967	5,496
83	40 329	82,222	419,904	5,107	4,636	83	59 498	121,301	688,346	5,675	5,204
84	36 688	69,417	337,682	4,865	4,394	84	55 633	105,264	567,045	5,387	4,916
85	33 009	57,964	268,265	4,628	4,157	85	51 517	90,465	461,781	5,105	4,634
86	29 285	47,727	210,301	4,406	3,936	86	47 123	76,797	371,317	4,835	4,364
87	25 606	38,729	162,574	4,198	3,727	87	42 568	64,385	294,520	4,574	4,104
88	21 973	30,844	123,844	4,015	3,545	88	37 687	52,902	230,135	4,350	3,880
89	18 659	24,308	93,000	3,826	3,355	89	32 959	42,937	177,233	4,128	3,657
90	15 592	18,852	68,692	3,644	3,173	90	28 352	34,279	134,296	3,918	3,447
91	12 944	14,525	49,840	3,431	2,961	91	24 151	27,099	100,016	3,691	3,220
92	10 431	10,862	35,316	3,251	2,781	92	19 969	20,795	72,917	3,506	3,036
93	8 165	7,891	24,454	3,099	2,628	93	16 195	15,652	52,122	3,330	2,859
94	6 252	5,608	16,563	2,953	2,483	94	12 845	11,521	36,470	3,165	2,695
95	4 671	3,888	10,954	2,817	2,346	95	9 950	8,283	24,948	3,012	2,541
96	3 400	2,627	7,066	2,690	2,219	96	7 517	5,808	16,666	2,870	2,399
97	2 407	1,726	4,439	2,572	2,101	97	5 533	3,967	10,858	2,737	2,266
98	1 656	1,102	2,713	2,461	1,991	98	3 962	2,636	6,891	2,614	2,143
99	1 106	0,683	1,611	2,359	1,888	99	2 756	1,702	4,254	2,499	2,029
100	715	0,410	0,928	2,263	1,792	100	1 861	1,067	2,552	2,393	1,922

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 335 897,692	13,359	12,888	0	100 000	100 000,000	1 340 183,543	13,402	12,931
1	99 594	92 216,490	1 235 897,692	13,402	12,931	1	99 680	92 296,332	1 240 183,543	13,437	12,966
2	99 558	85 355,247	1 143 681,202	13,399	12,928	2	99 652	85 435,268	1 147 887,211	13,436	12,965
3	99 539	79 017,424	1 058 325,955	13,394	12,923	3	99 636	79 093,976	1 062 451,944	13,433	12,962
4	99 524	73 153,234	979 308,531	13,387	12,916	4	99 621	73 224,662	983 357,967	13,429	12,958
5	99 510	67 724,716	906 155,297	13,380	12,909	5	99 609	67 792,487	910 133,305	13,425	12,954
6	99 498	62 700,815	838 430,581	13,372	12,901	6	99 600	62 765,143	842 340,818	13,421	12,949
7	99 488	58 050,189	775 729,767	13,363	12,892	7	99 592	58 111,214	779 575,674	13,415	12,944
8	99 478	53 744,977	717 679,577	13,353	12,882	8	99 584	53 802,184	721 464,461	13,410	12,939
9	99 469	49 759,083	663 934,600	13,343	12,872	9	99 578	49 813,743	667 662,276	13,403	12,932
10	99 460	46 069,270	614 175,517	13,332	12,861	10	99 572	46 120,908	617 848,533	13,396	12,925
11	99 451	42 652,917	568 106,247	13,319	12,848	11	99 564	42 701,104	571 727,625	13,389	12,918
12	99 442	39 489,602	525 453,329	13,306	12,835	12	99 556	39 534,919	529 026,521	13,381	12,910
13	99 431	36 560,623	485 963,727	13,292	12,821	13	99 548	36 603,601	489 491,601	13,373	12,902
14	99 422	33 849,465	449 403,104	13,277	12,805	14	99 538	33 888,889	452 888,000	13,364	12,893
15	99 406	31 336,928	415 553,640	13,261	12,790	15	99 526	31 374,716	418 999,111	13,355	12,884
16	99 386	29 009,879	384 216,712	13,244	12,773	16	99 512	29 046,725	387 624,395	13,345	12,874
17	99 357	26 853,034	355 206,833	13,228	12,757	17	99 496	26 890,792	358 577,670	13,335	12,864
18	99 323	24 855,431	328 353,799	13,211	12,740	18	99 479	24 894,511	331 686,878	13,324	12,853
19	99 268	23 001,498	303 498,368	13,195	12,724	19	99 457	23 045,438	306 792,367	13,312	12,841
20	99 213	21 286,069	280 496,871	13,177	12,706	20	99 436	21 333,780	283 746,929	13,300	12,829
21	99 154	19 697,549	259 210,802	13,160	12,689	21	99 415	19 749,332	262 413,149	13,287	12,816
22	99 098	18 228,186	239 513,252	13,140	12,669	22	99 393	18 282,466	242 663,817	13,273	12,802
23	99 043	16 868,454	221 285,066	13,118	12,647	23	99 371	16 924,319	224 381,351	13,258	12,787
24	98 988	15 610,337	204 416,612	13,095	12,624	24	99 348	15 667,101	207 457,032	13,242	12,771
25	98 931	14 445,688	188 806,276	13,070	12,599	25	99 325	14 503,277	191 789,931	13,224	12,753
26	98 872	13 367,710	174 360,588	13,043	12,572	26	99 303	13 425,968	177 286,653	13,205	12,734
27	98 812	12 369,950	160 992,878	13,015	12,544	27	99 277	12 428,131	163 860,685	13,185	12,714
28	98 749	11 446,408	148 622,928	12,984	12,513	28	99 251	11 504,558	151 432,555	13,163	12,692
29	98 688	10 591,958	137 176,520	12,951	12,480	29	99 225	10 649,602	139 927,997	13,139	12,668
30	98 625	9 801,059	126 584,562	12,915	12,444	30	99 198	9 858,007	129 278,395	13,114	12,643
31	98 559	9 069,026	116 783,503	12,877	12,406	31	99 171	9 125,279	119 420,388	13,087	12,616
32	98 486	8 391,022	107 714,476	12,837	12,366	32	99 138	8 446,578	110 295,109	13,058	12,587
33	98 413	7 763,665	99 323,454	12,793	12,322	33	99 104	7 818,197	101 848,530	13,027	12,556
34	98 341	7 183,358	91 559,790	12,746	12,275	34	99 068	7 236,452	94 030,333	12,994	12,523
35	98 262	6 645,883	84 376,432	12,696	12,225	35	99 028	6 697,700	86 793,881	12,959	12,488
36	98 177	6 148,269	77 730,549	12,643	12,172	36	98 986	6 198,931	80 096,182	12,921	12,450
37	98 087	5 687,649	71 582,280	12,586	12,115	37	98 939	5 737,074	73 897,251	12,881	12,410
38	97 990	5 261,140	65 894,631	12,525	12,054	38	98 887	5 309,308	68 160,177	12,838	12,367
39	97 885	4 866,181	60 633,490	12,460	11,989	39	98 829	4 913,127	62 850,869	12,792	12,321
40	97 770	4 500,434	55 767,309	12,392	11,920	40	98 760	4 545,993	57 937,741	12,745	12,274
41	97 636	4 161,388	51 266,874	12,320	11,849	41	98 689	4 206,252	53 391,748	12,693	12,222
42	97 491	3 847,413	47 105,487	12,243	11,772	42	98 607	3 891,442	49 185,496	12,639	12,168
43	97 334	3 556,675	43 258,074	12,163	11,691	43	98 514	3 599,778	45 294,054	12,582	12,111
44	97 147	3 286,884	39 701,399	12,079	11,608	44	98 410	3 329,610	41 694,276	12,522	12,051
45	96 940	3 036,935	36 414,514	11,991	11,520	45	98 299	3 079,486	38 364,666	12,458	11,987
46	96 707	2 805,198	33 377,580	11,898	11,427	46	98 166	2 847,519	35 285,180	12,392	11,921
47	96 440	2 590,251	30 572,381	11,803	11,332	47	98 013	2 632,503	32 437,661	12,322	11,851
48	96 142	2 390,962	27 982,130	11,703	11,232	48	97 843	2 433,272	29 805,159	12,249	11,778
49	95 802	2 206,036	25 591,168	11,601	11,129	49	97 662	2 248,855	27 371,887	12,171	11,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	2 034,669	23 385,132	11,493	11,022	50	97 458	2 077,917	25 123,032	12,090	11,619
51	95 022	1 875,905	21 350,463	11,381	10,910	51	97 230	1 919,502	23 045,115	12,006	11,535
52	94 565	1 728,610	19 474,559	11,266	10,795	52	96 988	1 772,890	21 125,613	11,916	11,445
53	94 068	1 592,146	17 745,949	11,146	10,675	53	96 719	1 637,016	19 352,723	11,822	11,351
54	93 528	1 465,751	16 153,803	11,021	10,550	54	96 425	1 511,149	17 715,707	11,723	11,252
55	92 929	1 348,480	14 688,052	10,892	10,421	55	96 118	1 394,754	16 204,558	11,618	11,147
56	92 288	1 239,979	13 339,572	10,758	10,287	56	95 772	1 286,793	14 809,804	11,509	11,038
57	91 600	1 139,576	12 099,592	10,618	10,147	57	95 409	1 186,956	13 523,012	11,393	10,922
58	90 871	1 046,760	10 960,016	10,470	9,999	58	95 015	1 094,498	12 336,056	11,271	10,800
59	90 067	960,651	9 913,256	10,319	9,848	59	94 582	1 008,803	11 241,558	11,143	10,672
60	89 203	880,955	8 952,605	10,162	9,691	60	94 130	929,614	10 232,755	11,008	10,536
61	88 257	807,051	8 071,650	10,001	9,530	61	93 615	856,047	9 303,141	10,868	10,397
62	87 265	738,868	7 264,599	9,832	9,361	62	93 083	788,130	8 447,094	10,718	10,247
63	86 192	675,726	6 525,731	9,657	9,186	63	92 499	725,171	7 658,965	10,562	10,091
64	85 060	617,455	5 850,005	9,474	9,003	64	91 882	666,977	6 933,794	10,396	9,925
65	83 838	563,501	5 232,550	9,286	8,815	65	91 221	613,127	6 266,817	10,221	9,750
66	82 531	513,628	4 669,049	9,090	8,619	66	90 515	563,315	5 653,690	10,036	9,565
67	81 155	467,653	4 155,421	8,886	8,415	67	89 771	517,300	5 090,376	9,840	9,369
68	79 692	425,206	3 687,768	8,673	8,202	68	88 961	474,662	4 573,075	9,634	9,163
69	78 126	385,972	3 262,563	8,453	7,982	69	88 090	435,196	4 098,414	9,417	8,946
70	76 437	349,656	2 876,591	8,227	7,756	70	87 123	398,540	3 663,217	9,192	8,721
71	74 634	316,118	2 526,935	7,994	7,523	71	86 082	364,610	3 264,677	8,954	8,483
72	72 706	285,140	2 210,817	7,753	7,282	72	84 934	333,097	2 900,068	8,706	8,235
73	70 591	256,338	1 925,677	7,512	7,041	73	83 620	303,650	2 566,971	8,454	7,983
74	68 328	229,741	1 669,338	7,266	6,795	74	82 170	276,284	2 263,321	8,192	7,721
75	65 861	205,045	1 439,597	7,021	6,550	75	80 582	250,875	1 987,037	7,920	7,449
76	63 245	182,316	1 234,552	6,772	6,300	76	78 787	227,116	1 736,163	7,644	7,173
77	60 452	161,356	1 052,236	6,521	6,050	77	76 790	204,962	1 509,047	7,363	6,892
78	57 448	141,978	890,881	6,275	5,804	78	74 566	184,285	1 304,085	7,076	6,605
79	54 252	124,148	748,902	6,032	5,561	79	72 086	164,959	1 119,801	6,788	6,317
80	50 965	107,987	624,755	5,785	5,314	80	69 379	147,004	954,842	6,495	6,024
81	47 504	93,199	516,767	5,545	5,074	81	66 370	130,211	807,838	6,204	5,733
82	43 948	79,835	423,569	5,306	4,835	82	63 085	114,598	677,626	5,913	5,442
83	40 329	67,834	343,734	5,067	4,596	83	59 498	100,075	563,028	5,626	5,155
84	36 688	57,138	275,900	4,829	4,358	84	55 633	86,643	462,952	5,343	4,872
85	33 009	47,600	218,762	4,596	4,125	85	51 517	74,290	376,309	5,065	4,594
86	29 285	39,103	171,162	4,377	3,906	86	47 123	62,920	302,019	4,800	4,329
87	25 606	31,658	132,059	4,171	3,700	87	42 568	52,628	239,100	4,543	4,072
88	21 973	25,154	100,402	3,992	3,520	88	37 687	43,142	186,472	4,322	3,851
89	18 659	19,777	75,248	3,805	3,334	89	32 959	34,935	143,329	4,103	3,632
90	15 592	15,303	55,471	3,625	3,154	90	28 352	27,826	108,394	3,895	3,424
91	12 944	11,763	40,168	3,415	2,944	91	24 151	21,947	80,568	3,671	3,200
92	10 431	8,776	28,405	3,236	2,765	92	19 969	16,802	58,622	3,489	3,018
93	8 165	6,361	19,628	3,086	2,615	93	16 195	12,618	41,819	3,314	2,843
94	6 252	4,510	13,267	2,941	2,470	94	12 845	9,266	29,202	3,152	2,680
95	4 671	3,120	8,757	2,807	2,336	95	9 950	6,646	19,936	3,000	2,529
96	3 400	2,103	5,637	2,681	2,210	96	7 517	4,649	13,290	2,858	2,387
97	2 407	1,379	3,534	2,563	2,092	97	5 533	3,168	8,641	2,727	2,256
98	1 656	0,878	2,155	2,454	1,983	98	3 962	2,101	5,472	2,605	2,134
99	1 106	0,543	1,277	2,352	1,881	99	2 756	1,353	3,371	2,491	2,020
100	715	0,325	0,734	2,257	1,786	100	1 861	0,846	2,018	2,386	1,915

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 299 265,559	12,993	12,521	0	100 000	100 000,000	1 303 164,471	13,032	12,560
1	99 594	92 003,519	1 199 265,559	13,035	12,564	1	99 680	92 083,176	1 203 164,471	13,066	12,595
2	99 558	84 961,452	1 107 262,040	13,033	12,561	2	99 652	85 041,103	1 111 081,295	13,065	12,594
3	99 539	78 471,222	1 022 300,588	13,028	12,556	3	99 636	78 547,245	1 026 040,192	13,063	12,591
4	99 524	72 479,791	943 829,366	13,022	12,551	4	99 621	72 550,562	947 492,946	13,060	12,588
5	99 510	66 946,279	871 349,575	13,016	12,544	5	99 609	67 013,272	874 942,385	13,056	12,585
6	99 498	61 836,982	804 403,296	13,008	12,537	6	99 600	61 900,425	807 929,113	13,052	12,581
7	99 488	57 118,211	742 566,314	13,001	12,529	7	99 592	57 178,256	746 028,688	13,047	12,576
8	99 478	52 759,988	685 448,103	12,992	12,520	8	99 584	52 816,147	688 850,433	13,042	12,571
9	99 469	48 734,333	632 688,115	12,982	12,511	9	99 578	48 787,867	636 034,286	13,037	12,565
10	99 460	45 016,304	583 953,782	12,972	12,501	10	99 572	45 066,762	587 246,419	13,031	12,559
11	99 451	41 581,782	538 937,478	12,961	12,489	11	99 564	41 628,759	542 179,657	13,024	12,553
12	99 442	38 408,997	497 355,696	12,949	12,478	12	99 556	38 453,074	500 550,898	13,017	12,546
13	99 431	35 478,042	458 946,700	12,936	12,465	13	99 548	35 519,747	462 097,824	13,010	12,538
14	99 422	32 771,303	423 468,658	12,922	12,451	14	99 538	32 809,472	426 578,077	13,002	12,530
15	99 406	30 268,729	390 697,355	12,908	12,436	15	99 526	30 305,229	393 768,606	12,993	12,522
16	99 386	27 956,289	360 428,626	12,893	12,421	16	99 512	27 991,797	363 463,377	12,985	12,513
17	99 357	25 818,013	332 472,337	12,878	12,406	17	99 496	25 854,316	335 471,580	12,975	12,504
18	99 323	23 842,215	306 654,324	12,862	12,390	18	99 479	23 879,702	309 617,264	12,966	12,494
19	99 268	22 012,901	282 812,109	12,848	12,376	19	99 457	22 054,952	285 737,561	12,956	12,484
20	99 213	20 324,154	260 799,208	12,832	12,361	20	99 436	20 369,708	263 682,609	12,945	12,473
21	99 154	18 763,984	240 475,054	12,816	12,344	21	99 415	18 813,312	243 312,900	12,933	12,462
22	99 098	17 324,159	221 711,070	12,798	12,326	22	99 393	17 375,747	224 499,588	12,920	12,449
23	99 043	15 994,838	204 386,911	12,778	12,307	23	99 371	16 047,810	207 123,841	12,907	12,435
24	98 988	14 767,694	188 392,073	12,757	12,286	24	99 348	14 821,395	191 076,031	12,892	12,420
25	98 931	13 634,352	173 624,380	12,734	12,263	25	99 325	13 688,707	176 254,637	12,876	12,404
26	98 872	12 587,779	159 990,028	12,710	12,239	26	99 303	12 642,638	162 565,930	12,859	12,387
27	98 812	11 621,332	147 402,248	12,684	12,212	27	99 277	11 675,992	149 923,292	12,840	12,369
28	98 749	10 728,847	135 780,916	12,656	12,184	28	99 251	10 783,351	138 247,300	12,820	12,349
29	98 688	9 905,033	125 052,070	12,625	12,154	29	99 225	9 958,938	127 463,949	12,799	12,328
30	98 625	9 144,259	115 147,037	12,592	12,121	30	99 198	9 197,391	117 505,011	12,776	12,304
31	98 559	8 441,741	106 002,778	12,557	12,086	31	99 171	8 494,103	108 307,620	12,751	12,279
32	98 486	7 792,595	97 561,037	12,520	12,048	32	99 138	7 844,188	99 813,517	12,725	12,253
33	98 413	7 193,327	89 768,443	12,479	12,008	33	99 104	7 243,854	91 969,329	12,696	12,225
34	98 341	6 640,280	82 575,115	12,435	11,964	34	99 068	6 689,361	84 725,475	12,666	12,194
35	98 262	6 129,252	75 934,835	12,389	11,917	35	99 028	6 177,040	78 036,114	12,633	12,162
36	98 177	5 657,226	69 805,583	12,339	11,868	36	98 986	5 703,841	71 859,074	12,598	12,127
37	98 087	5 221,307	64 148,357	12,286	11,814	37	98 939	5 266,680	66 155,233	12,561	12,090
38	97 990	4 818,615	58 927,050	12,229	11,758	38	98 887	4 862,731	60 888,553	12,521	12,050
39	97 885	4 446,584	54 108,435	12,169	11,697	39	98 829	4 489,482	56 025,822	12,479	12,008
40	97 770	4 102,877	49 661,852	12,104	11,633	40	98 760	4 144,411	51 536,340	12,435	11,964
41	97 636	3 785,019	45 558,975	12,037	11,565	41	98 689	3 825,826	47 391,930	12,387	11,916
42	97 491	3 491,359	41 773,956	11,965	11,494	42	98 607	3 531,313	43 566,104	12,337	11,866
43	97 334	3 220,073	38 282,597	11,889	11,417	43	98 514	3 259,097	40 034,791	12,284	11,813
44	97 147	2 968,943	35 062,524	11,810	11,338	44	98 410	3 007,535	36 775,694	12,228	11,756
45	96 940	2 736,836	32 093,581	11,727	11,255	45	98 299	2 775,182	33 768,158	12,168	11,696
46	96 707	2 522,160	29 356,745	11,640	11,168	46	98 166	2 560,211	30 992,976	12,106	11,634
47	96 440	2 323,523	26 834,585	11,549	11,078	47	98 013	2 361,423	28 432,765	12,041	11,569
48	96 142	2 139,802	24 511,062	11,455	10,983	48	97 843	2 177,667	26 071,342	11,972	11,501
49	95 802	1 969,741	22 371,261	11,357	10,886	49	97 662	2 007,974	23 893,675	11,899	11,428



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	1 812,534	20 401,520	11,256	10,784	50	97 458	1 851,061	21 885,701	11,823	11,352
51	95 022	1 667,244	18 588,985	11,150	10,678	51	97 230	1 705,992	20 034,640	11,744	11,272
52	94 565	1 532,785	16 921,741	11,040	10,568	52	96 988	1 572,048	18 328,648	11,659	11,188
53	94 068	1 408,520	15 388,957	10,926	10,454	53	96 719	1 448,215	16 756,600	11,571	11,099
54	93 528	1 293,708	13 980,437	10,806	10,335	54	96 425	1 333,777	15 308,385	11,477	11,006
55	92 929	1 187,453	12 686,729	10,684	10,213	55	96 118	1 228,201	13 974,608	11,378	10,907
56	92 288	1 089,387	11 499,276	10,556	10,084	56	95 772	1 130,515	12 746,407	11,275	10,803
57	91 600	998,865	10 409,890	10,422	9,950	57	95 409	1 040,394	11 615,893	11,165	10,693
58	90 871	915,390	9 411,024	10,281	9,809	58	95 015	957,137	10 575,498	11,049	10,578
59	90 067	838,149	8 495,634	10,136	9,665	59	94 582	880,160	9 618,361	10,928	10,457
60	89 203	766,840	7 657,485	9,986	9,514	60	94 130	809,196	8 738,201	10,799	10,327
61	88 257	700,886	6 890,645	9,831	9,360	61	93 615	743,438	7 929,005	10,665	10,194
62	87 265	640,191	6 189,759	9,669	9,197	62	93 083	682,874	7 185,568	10,523	10,051
63	86 192	584,130	5 549,568	9,501	9,029	63	92 499	626,872	6 502,694	10,373	9,902
64	85 060	532,525	4 965,438	9,324	8,853	64	91 882	575,235	5 875,822	10,215	9,743
65	83 838	484,869	4 432,913	9,142	8,671	65	91 221	527,571	5 300,587	10,047	9,576
66	82 531	440,935	3 948,044	8,954	8,482	66	90 515	483,590	4 773,017	9,870	9,399
67	81 155	400,540	3 507,109	8,756	8,285	67	89 771	443,062	4 289,427	9,681	9,210
68	79 692	363,343	3 106,569	8,550	8,079	68	88 961	405,604	3 846,365	9,483	9,012
69	78 126	329,055	2 743,226	8,337	7,865	69	88 090	371,021	3 440,761	9,274	8,802
70	76 437	297,406	2 414,170	8,117	7,646	70	87 123	338,986	3 069,739	9,056	8,584
71	74 634	268,259	2 116,764	7,891	7,419	71	86 082	309,409	2 730,753	8,826	8,354
72	72 706	241,413	1 848,505	7,657	7,186	72	84 934	282,015	2 421,344	8,586	8,114
73	70 591	216,526	1 607,092	7,422	6,951	73	83 620	256,490	2 139,329	8,341	7,869
74	68 328	193,612	1 390,566	7,182	6,711	74	82 170	232,835	1 882,839	8,087	7,615
75	65 861	172,400	1 196,954	6,943	6,471	75	80 582	210,933	1 650,005	7,822	7,351
76	63 245	152,936	1 024,554	6,699	6,228	76	78 787	190,516	1 439,071	7,554	7,082
77	60 452	135,041	871,618	6,454	5,983	77	76 790	171,535	1 248,555	7,279	6,807
78	57 448	118,549	736,577	6,213	5,742	78	74 566	153,874	1 077,020	6,999	6,528
79	54 252	103,421	618,028	5,976	5,504	79	72 086	137,419	923,146	6,718	6,246
80	50 965	89,751	514,607	5,734	5,262	80	69 379	122,179	785,726	6,431	5,960
81	47 504	77,281	424,855	5,498	5,026	81	66 370	107,972	663,547	6,146	5,674
82	43 948	66,047	347,574	5,263	4,791	82	63 085	94,807	555,575	5,860	5,389
83	40 329	55,989	281,528	5,028	4,557	83	59 498	82,601	460,768	5,578	5,107
84	36 688	47,052	225,538	4,793	4,322	84	55 633	71,349	378,168	5,300	4,829
85	33 009	39,107	178,487	4,564	4,093	85	51 517	61,035	306,819	5,027	4,556
86	29 285	32,052	139,380	4,349	3,877	86	47 123	51,574	245,784	4,766	4,294
87	25 606	25,889	107,328	4,146	3,674	87	42 568	43,039	194,211	4,512	4,041
88	21 973	20,523	81,439	3,968	3,497	88	37 687	35,200	151,172	4,295	3,823
89	18 659	16,099	60,916	3,784	3,312	89	32 959	28,437	115,972	4,078	3,607
90	15 592	12,428	44,817	3,606	3,135	90	28 352	22,598	87,535	3,874	3,402
91	12 944	9,531	32,389	3,398	2,927	91	24 151	17,782	64,937	3,652	3,180
92	10 431	7,095	22,858	3,222	2,750	92	19 969	13,583	47,154	3,472	3,000
93	8 165	5,130	15,763	3,073	2,601	93	16 195	10,176	33,571	3,299	2,828
94	6 252	3,629	10,633	2,930	2,458	94	12 845	7,456	23,395	3,138	2,666
95	4 671	2,505	7,004	2,796	2,325	95	9 950	5,335	15,939	2,988	2,516
96	3 400	1,684	4,499	2,671	2,200	96	7 517	3,724	10,604	2,848	2,376
97	2 407	1,102	2,815	2,555	2,083	97	5 533	2,532	6,880	2,717	2,246
98	1 656	0,700	1,713	2,446	1,975	98	3 962	1,675	4,348	2,596	2,125
99	1 106	0,432	1,013	2,345	1,874	99	2 756	1,076	2,673	2,484	2,012
100	715	0,258	0,581	2,251	1,779	100	1 861	0,671	1,597	2,379	1,908

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 264 686,056	12,647	12,175	0	100 000	100 000,000	1 268 246,142	12,682	12,211
1	99 594	91 791,529	1 164 686,056	12,688	12,217	1	99 680	91 871,003	1 168 246,142	12,716	12,244
2	99 558	84 570,375	1 072 894,527	12,686	12,215	2	99 652	84 649,660	1 076 375,139	12,716	12,244
3	99 539	77 930,043	988 324,152	12,682	12,210	3	99 636	78 005,542	991 725,479	12,714	12,242
4	99 524	71 814,080	910 394,108	12,677	12,205	4	99 621	71 884,200	913 719,937	12,711	12,239
5	99 510	66 178,555	838 580,029	12,671	12,200	5	99 609	66 244,779	841 835,736	12,708	12,236
6	99 498	60 987,002	772 401,474	12,665	12,193	6	99 600	61 049,573	775 590,957	12,704	12,232
7	99 488	56 203,293	711 414,471	12,658	12,186	7	99 592	56 262,376	714 541,385	12,700	12,228
8	99 478	51 795,260	655 211,178	12,650	12,178	8	99 584	51 850,392	658 279,009	12,696	12,224
9	99 469	47 732,978	603 415,918	12,641	12,170	9	99 578	47 785,412	606 428,616	12,691	12,219
10	99 460	43 989,751	555 682,941	12,632	12,160	10	99 572	44 039,058	558 643,204	12,685	12,213
11	99 451	40 539,924	511 693,189	12,622	12,150	11	99 564	40 585,724	514 604,146	12,679	12,208
12	99 442	37 360,352	471 153,265	12,611	12,139	12	99 556	37 403,226	474 018,422	12,673	12,201
13	99 431	34 429,904	433 792,913	12,599	12,128	13	99 548	34 470,377	436 615,196	12,666	12,195
14	99 422	31 729,852	399 363,009	12,586	12,115	14	99 538	31 766,808	402 144,819	12,659	12,187
15	99 406	29 239,281	367 633,157	12,573	12,101	15	99 526	29 274,539	370 378,011	12,652	12,180
16	99 386	26 943,263	338 393,876	12,559	12,088	16	99 512	26 977,485	341 103,472	12,644	12,172
17	99 357	24 825,137	311 450,613	12,546	12,074	17	99 496	24 860,044	314 125,987	12,636	12,164
18	99 323	22 872,498	286 625,476	12,531	12,060	18	99 479	22 908,461	289 265,943	12,627	12,155
19	99 268	21 068,928	263 752,978	12,519	12,047	19	99 457	21 109,177	266 357,483	12,618	12,146
20	99 213	19 407,778	242 684,050	12,504	12,033	20	99 436	19 451,278	245 248,306	12,608	12,137
21	99 154	17 876,667	223 276,272	12,490	12,018	21	99 415	17 923,663	225 797,027	12,598	12,126
22	99 098	16 466,900	205 399,605	12,473	12,002	22	99 393	16 515,934	207 873,364	12,586	12,114
23	99 043	15 168,327	188 932,705	12,456	11,984	23	99 371	15 218,561	191 357,430	12,574	12,102
24	98 988	13 972,325	173 764,378	12,436	11,965	24	99 348	14 023,134	176 138,868	12,561	12,089
25	98 931	12 870,300	159 792,053	12,416	11,944	25	99 325	12 921,609	162 115,735	12,546	12,074
26	98 872	11 854,997	146 921,753	12,393	11,921	26	99 303	11 906,663	149 194,126	12,530	12,059
27	98 812	10 919,592	135 066,756	12,369	11,897	27	99 277	10 970,951	137 287,463	12,514	12,042
28	98 749	10 057,770	124 147,164	12,343	11,872	28	99 251	10 108,866	126 316,512	12,496	12,024
29	98 688	9 264,090	114 089,394	12,315	11,843	29	99 225	9 314,507	116 207,647	12,476	12,004
30	98 625	8 532,838	104 825,304	12,285	11,813	30	99 198	8 582,418	106 893,140	12,455	11,983
31	98 559	7 859,143	96 292,466	12,252	11,780	31	99 171	7 907,892	98 310,722	12,432	11,960
32	98 486	7 238,081	88 433,323	12,218	11,746	32	99 138	7 286,003	90 402,831	12,408	11,936
33	98 413	6 666,062	81 195,242	12,180	11,709	33	99 104	6 712,885	83 116,827	12,382	11,910
34	98 341	6 139,374	74 529,180	12,140	11,668	34	99 068	6 184,752	76 403,943	12,354	11,882
35	98 262	5 653,837	68 389,806	12,096	11,624	35	99 028	5 697,919	70 219,191	12,324	11,852
36	98 177	5 206,400	62 735,969	12,050	11,578	36	98 986	5 249,300	64 521,272	12,291	11,820
37	98 087	4 794,148	57 529,569	12,000	11,528	37	98 939	4 835,809	59 271,972	12,257	11,785
38	97 990	4 414,205	52 735,421	11,947	11,475	38	98 887	4 454,619	54 436,163	12,220	11,748
39	97 885	4 064,012	48 321,216	11,890	11,418	39	98 829	4 103,219	49 981,544	12,181	11,709
40	97 770	3 741,236	44 257,204	11,830	11,358	40	98 760	3 779,109	45 878,325	12,140	11,668
41	97 636	3 443,443	40 515,968	11,766	11,294	41	98 689	3 480,567	42 099,216	12,096	11,624
42	97 491	3 168,966	37 072,525	11,699	11,227	42	98 607	3 205,230	38 618,648	12,049	11,577
43	97 334	2 915,996	33 903,559	11,627	11,155	43	98 514	2 951,335	35 413,418	11,999	11,527
44	97 147	2 682,385	30 987,563	11,552	11,080	44	98 410	2 717,253	32 462,083	11,947	11,475
45	96 940	2 466,983	28 305,178	11,474	11,002	45	98 299	2 501,549	29 744,830	11,891	11,419
46	96 707	2 268,237	25 838,194	11,391	10,920	46	98 166	2 302,456	27 243,281	11,832	11,360
47	96 440	2 084,782	23 569,958	11,306	10,834	47	98 013	2 118,789	24 940,825	11,771	11,299
48	96 142	1 915,515	21 485,175	11,216	10,745	48	97 843	1 949,412	22 822,036	11,707	11,235
49	95 802	1 759,217	19 569,660	11,124	10,652	49	97 662	1 793,363	20 872,625	11,639	11,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	1 615,082	17 810,444	11,028	10,556	50	97 458	1 649,412	19 079,261	11,567	11,096
51	95 022	1 482,196	16 195,361	10,927	10,455	51	97 230	1 516,643	17 429,849	11,492	11,021
52	94 565	1 359,521	14 713,166	10,822	10,351	52	96 988	1 394,346	15 913,206	11,413	10,941
53	94 068	1 246,424	13 353,645	10,714	10,242	53	96 719	1 281,551	14 518,860	11,329	10,857
54	93 528	1 142,187	12 107,221	10,600	10,128	54	96 425	1 177,563	13 237,309	11,241	10,769
55	92 929	1 045,961	10 965,034	10,483	10,011	55	96 118	1 081,854	12 059,746	11,147	10,675
56	92 288	957,369	9 919,073	10,361	9,889	56	95 772	993,513	10 977,893	11,050	10,578
57	91 600	875,795	8 961,704	10,233	9,761	57	95 409	912,207	9 984,380	10,945	10,473
58	90 871	800,756	8 085,909	10,098	9,626	58	95 015	837,275	9 072,172	10,835	10,364
59	90 067	731,498	7 285,153	9,959	9,487	59	94 582	768,163	8 234,898	10,720	10,248
60	89 203	667,721	6 553,656	9,815	9,343	60	94 130	704,602	7 466,734	10,597	10,125
61	88 257	608,886	5 885,935	9,667	9,195	61	93 615	645,851	6 762,133	10,470	9,998
62	87 265	554,876	5 277,049	9,510	9,039	62	93 083	591,871	6 116,282	10,334	9,862
63	86 192	505,119	4 722,173	9,349	8,877	63	92 499	542,080	5 524,411	10,191	9,719
64	85 060	459,433	4 217,054	9,179	8,707	64	91 882	496,281	4 982,331	10,039	9,568
65	83 838	417,355	3 757,620	9,003	8,532	65	91 221	454,111	4 486,050	9,879	9,407
66	82 531	378,663	3 340,265	8,821	8,349	66	90 515	415,295	4 031,940	9,709	9,237
67	81 155	343,181	2 961,602	8,630	8,158	67	89 771	379,614	3 616,645	9,527	9,055
68	79 692	310,593	2 618,421	8,430	7,959	68	88 961	346,719	3 237,031	9,336	8,864
69	78 126	280,636	2 307,828	8,224	7,752	69	88 090	316,426	2 890,313	9,134	8,662
70	76 437	253,059	2 027,192	8,011	7,539	70	87 123	288,439	2 573,886	8,924	8,452
71	74 634	227,732	1 774,133	7,790	7,319	71	86 082	262,666	2 285,448	8,701	8,229
72	72 706	204,469	1 546,401	7,563	7,091	72	84 934	238,858	2 022,782	8,469	7,997
73	70 591	182,969	1 341,932	7,334	6,862	73	83 620	216,739	1 783,924	8,231	7,759
74	68 328	163,229	1 158,963	7,100	6,628	74	82 170	196,296	1 567,185	7,984	7,512
75	65 861	145,011	995,734	6,867	6,395	75	80 582	177,422	1 370,889	7,727	7,255
76	63 245	128,342	850,723	6,629	6,157	76	78 787	159,879	1 193,467	7,465	6,993
77	60 452	113,064	722,381	6,389	5,917	77	76 790	143,619	1 033,587	7,197	6,725
78	57 448	99,027	609,318	6,153	5,681	78	74 566	128,535	889,968	6,924	6,452
79	54 252	86,192	510,290	5,920	5,449	79	72 086	114,526	761,433	6,649	6,177
80	50 965	74,627	424,098	5,683	5,211	80	69 379	101,590	646,907	6,368	5,896
81	47 504	64,110	349,472	5,451	4,979	81	66 370	89,570	545,317	6,088	5,616
82	43 948	54,664	285,362	5,220	4,748	82	63 085	78,467	455,747	5,808	5,336
83	40 329	46,233	230,698	4,990	4,518	83	59 498	68,207	377,280	5,531	5,060
84	36 688	38,763	184,465	4,759	4,287	84	55 633	58,780	309,072	5,258	4,786
85	33 009	32,144	145,701	4,533	4,061	85	51 517	50,167	250,292	4,989	4,517
86	29 285	26,284	113,557	4,320	3,849	86	47 123	42,293	200,125	4,732	4,260
87	25 606	21,182	87,273	4,120	3,648	87	42 568	35,213	157,832	4,482	4,010
88	21 973	16,752	66,092	3,945	3,473	88	37 687	28,733	122,619	4,268	3,796
89	18 659	13,111	49,339	3,763	3,291	89	32 959	23,159	93,886	4,054	3,582
90	15 592	10,098	36,229	3,588	3,116	90	28 352	18,362	70,727	3,852	3,380
91	12 944	7,726	26,131	3,382	2,910	91	24 151	14,415	52,365	3,633	3,161
92	10 431	5,738	18,404	3,207	2,736	92	19 969	10,986	37,950	3,455	2,983
93	8 165	4,140	12,666	3,060	2,588	93	16 195	8,211	26,964	3,284	2,812
94	6 252	2,922	8,526	2,918	2,446	94	12 845	6,002	18,753	3,124	2,652
95	4 671	2,012	5,604	2,786	2,314	95	9 950	4,285	12,751	2,975	2,504
96	3 400	1,350	3,593	2,662	2,190	96	7 517	2,984	8,465	2,837	2,365
97	2 407	0,881	2,243	2,547	2,075	97	5 533	2,024	5,481	2,708	2,236
98	1 656	0,559	1,362	2,439	1,967	98	3 962	1,336	3,457	2,588	2,116
99	1 106	0,344	0,804	2,339	1,867	99	2 756	0,857	2,121	2,476	2,004
100	715	0,205	0,460	2,245	1,773	100	1 861	0,533	1,264	2,372	1,900

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 231 997,600	12,320	11,848	0	100 000	100 000,000	1 235 260,163	12,353	11,880
1	99 594	91 580,514	1 131 997,600	12,361	11,889	1	99 680	91 659,806	1 135 260,163	12,386	11,913
2	99 558	84 181,993	1 040 417,086	12,359	11,887	2	99 652	84 260,914	1 043 600,357	12,385	11,913
3	99 539	77 393,829	956 235,093	12,355	11,883	3	99 636	77 468,809	959 339,444	12,384	11,911
4	99 524	71 155,994	878 841,264	12,351	11,879	4	99 621	71 225,472	881 870,635	12,381	11,909
5	99 510	65 421,371	807 685,270	12,346	11,874	5	99 609	65 486,838	810 645,163	12,379	11,907
6	99 498	60 150,622	742 263,899	12,340	11,868	6	99 600	60 212,334	745 158,325	12,376	11,903
7	99 488	55 305,086	682 113,277	12,334	11,861	7	99 592	55 363,225	684 945,991	12,372	11,900
8	99 478	50 850,333	626 808,191	12,327	11,854	8	99 584	50 904,459	629 582,767	12,368	11,896
9	99 469	46 754,431	575 957,858	12,319	11,847	9	99 578	46 805,791	578 678,307	12,363	11,891
10	99 460	42 988,890	529 203,427	12,310	11,838	10	99 572	43 037,075	531 872,517	12,358	11,886
11	99 451	39 526,479	486 214,537	12,301	11,829	11	99 564	39 571,134	488 835,442	12,353	11,881
12	99 442	36 342,654	446 688,058	12,291	11,819	12	99 556	36 384,360	449 264,308	12,348	11,876
13	99 431	33 415,038	410 345,404	12,280	11,808	13	99 548	33 454,318	412 879,948	12,342	11,869
14	99 422	30 723,781	376 930,366	12,268	11,796	14	99 538	30 759,565	379 425,630	12,335	11,863
15	99 406	28 247,094	346 206,585	12,256	11,784	15	99 526	28 281,156	348 666,065	12,329	11,856
16	99 386	25 969,151	317 959,491	12,244	11,772	16	99 512	26 002,135	320 384,909	12,321	11,849
17	99 357	23 872,598	291 990,341	12,231	11,759	17	99 496	23 906,166	294 382,774	12,314	11,842
18	99 323	21 944,319	268 117,742	12,218	11,746	18	99 479	21 978,822	270 476,608	12,306	11,834
19	99 268	20 167,470	246 173,423	12,206	11,734	19	99 457	20 205,997	248 497,786	12,298	11,826
20	99 213	18 534,687	226 005,953	12,194	11,721	20	99 436	18 576,231	228 291,790	12,289	11,817
21	99 154	17 033,209	207 471,266	12,180	11,708	21	99 415	17 077,988	209 715,559	12,280	11,808
22	99 098	15 653,888	190 438,057	12,166	11,693	22	99 393	15 700,502	192 637,571	12,270	11,797
23	99 043	14 386,281	174 784,168	12,149	11,677	23	99 371	14 433,926	176 937,069	12,258	11,786
24	98 988	13 221,478	160 397,887	12,132	11,659	24	99 348	13 269,557	162 503,143	12,246	11,774
25	98 931	12 150,677	147 176,409	12,113	11,640	25	99 325	12 199,117	149 233,586	12,233	11,761
26	98 872	11 166,415	135 025,731	12,092	11,620	26	99 303	11 215,079	137 034,469	12,219	11,747
27	98 812	10 261,697	123 859,317	12,070	11,598	27	99 277	10 309,961	125 819,390	12,204	11,731
28	98 749	9 430,070	113 597,620	12,046	11,574	28	99 251	9 477,977	115 509,429	12,187	11,715
29	98 688	8 665,956	104 167,550	12,020	11,548	29	99 225	8 713,117	106 031,452	12,169	11,697
30	98 625	7 963,568	95 501,594	11,992	11,520	30	99 198	8 009,840	97 318,334	12,150	11,678
31	98 559	7 317,957	87 538,026	11,962	11,490	31	99 171	7 363,349	89 308,494	12,129	11,657
32	98 486	6 724,168	80 220,069	11,930	11,458	32	99 138	6 768,688	81 945,146	12,107	11,634
33	98 413	6 178,527	73 495,901	11,895	11,423	33	99 104	6 221,925	75 176,458	12,083	11,610
34	98 341	5 677,278	67 317,375	11,857	11,385	34	99 068	5 719,240	68 954,533	12,057	11,584
35	98 262	5 216,267	61 640,097	11,817	11,345	35	99 028	5 256,937	63 235,293	12,029	11,557
36	98 177	4 792,416	56 423,830	11,774	11,301	36	98 986	4 831,905	57 978,355	11,999	11,527
37	98 087	4 402,800	51 631,413	11,727	11,255	37	98 939	4 441,060	53 146,450	11,967	11,495
38	97 990	4 044,553	47 228,614	11,677	11,205	38	98 887	4 081,582	48 705,390	11,933	11,461
39	97 885	3 715,125	43 184,061	11,624	11,152	39	98 829	3 750,966	44 623,808	11,897	11,424
40	97 770	3 412,197	39 468,936	11,567	11,095	40	98 760	3 446,739	40 872,842	11,858	11,386
41	97 636	3 133,374	36 056,740	11,507	11,035	41	98 689	3 167,156	37 426,103	11,817	11,345
42	97 491	2 876,984	32 923,366	11,444	10,972	42	98 607	2 909,907	34 258,948	11,773	11,301
43	97 334	2 641,236	30 046,382	11,376	10,904	43	98 514	2 673,245	31 349,041	11,727	11,255
44	97 147	2 424,052	27 405,146	11,306	10,833	44	98 410	2 455,562	28 675,796	11,678	11,206
45	96 940	2 224,270	24 981,094	11,231	10,759	45	98 299	2 255,435	26 220,234	11,625	11,153
46	96 707	2 040,375	22 756,824	11,153	10,681	46	98 166	2 071,158	23 964,799	11,571	11,099
47	96 440	1 871,039	20 716,448	11,072	10,600	47	98 013	1 901,559	21 893,641	11,514	11,041
48	96 142	1 715,174	18 845,409	10,987	10,515	48	97 843	1 745,526	19 992,082	11,453	10,981
49	95 802	1 571,602	17 130,235	10,900	10,428	49	97 662	1 602,107	18 246,557	11,389	10,917

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 8,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	1 439,522	15 558,633	10,808	10,336	50	97 458	1 470,120	16 644,450	11,322	10,850
51	95 022	1 318,043	14 119,111	10,712	10,240	51	97 230	1 348,676	15 174,330	11,251	10,779
52	94 565	1 206,175	12 801,068	10,613	10,141	52	96 988	1 237,073	13 825,654	11,176	10,704
53	94 068	1 103,293	11 594,893	10,509	10,037	53	96 719	1 134,386	12 588,582	11,097	10,625
54	93 528	1 008,702	10 491,599	10,401	9,929	54	96 425	1 039,943	11 454,196	11,014	10,542
55	92 929	921,598	9 482,898	10,290	9,817	55	96 118	953,223	10 414,253	10,925	10,453
56	92 288	841,600	8 561,300	10,173	9,700	56	95 772	873,374	9 461,030	10,833	10,361
57	91 600	768,121	7 719,700	10,050	9,578	57	95 409	800,056	8 587,656	10,734	10,262
58	90 871	700,692	6 951,579	9,921	9,449	58	95 015	732,648	7 787,600	10,629	10,157
59	90 067	638,617	6 250,887	9,788	9,316	59	94 582	670,628	7 054,952	10,520	10,048
60	89 203	581,599	5 612,269	9,650	9,178	60	94 130	613,722	6 384,324	10,403	9,930
61	88 257	529,133	5 030,671	9,507	9,035	61	93 615	561,257	5 770,602	10,282	9,809
62	87 265	481,089	4 501,538	9,357	8,885	62	93 083	513,164	5 209,345	10,151	9,679
63	86 192	436,942	4 020,449	9,201	8,729	63	92 499	468,914	4 696,182	10,015	9,543
64	85 060	396,509	3 583,507	9,038	8,565	64	91 882	428,310	4 227,268	9,870	9,397
65	83 838	359,365	3 186,999	8,868	8,396	65	91 221	391,014	3 798,958	9,716	9,243
66	82 531	325,300	2 827,633	8,692	8,220	66	90 515	356,769	3 407,944	9,552	9,080
67	81 155	294,140	2 502,333	8,507	8,035	67	89 771	325,367	3 051,175	9,378	8,905
68	79 692	265,598	2 208,193	8,314	7,842	68	88 961	296,490	2 725,808	9,194	8,721
69	78 126	239,428	1 942,595	8,113	7,641	69	88 090	269,964	2 429,318	8,999	8,527
70	76 437	215,405	1 703,167	7,907	7,435	70	87 123	245,520	2 159,355	8,795	8,323
71	74 634	193,401	1 487,762	7,693	7,220	71	86 082	223,068	1 913,835	8,580	8,107
72	72 706	173,246	1 294,361	7,471	6,999	72	84 934	202,383	1 690,767	8,354	7,882
73	70 591	154,672	1 121,116	7,248	6,776	73	83 620	183,219	1 488,384	8,124	7,651
74	68 328	137,667	966,444	7,020	6,548	74	82 170	165,557	1 305,165	7,883	7,411
75	65 861	122,021	828,776	6,792	6,320	75	80 582	149,294	1 139,608	7,633	7,161
76	63 245	107,747	706,755	6,559	6,087	76	78 787	134,223	990,314	7,378	6,906
77	60 452	94,702	599,008	6,325	5,853	77	76 790	120,295	856,090	7,117	6,644
78	57 448	82,755	504,306	6,094	5,622	78	74 566	107,414	735,795	6,850	6,378
79	54 252	71,863	421,551	5,866	5,394	79	72 086	95,486	628,382	6,581	6,109
80	50 965	62,077	349,689	5,633	5,161	80	69 379	84,506	532,895	6,306	5,834
81	47 504	53,206	287,611	5,406	4,933	81	66 370	74,337	448,389	6,032	5,560
82	43 948	45,263	234,405	5,179	4,707	82	63 085	64,972	374,053	5,757	5,285
83	40 329	38,194	189,142	4,952	4,480	83	59 498	56,347	309,080	5,485	5,013
84	36 688	31,949	150,949	4,725	4,252	84	55 633	48,448	252,734	5,217	4,744
85	33 009	26,433	118,999	4,502	4,030	85	51 517	41,253	204,286	4,952	4,480
86	29 285	21,564	92,567	4,293	3,820	86	47 123	34,699	163,033	4,699	4,226
87	25 606	17,338	71,003	4,095	3,623	87	42 568	28,823	128,334	4,452	3,980
88	21 973	13,681	53,665	3,923	3,450	88	37 687	23,465	99,511	4,241	3,769
89	18 659	10,683	39,984	3,743	3,271	89	32 959	18,870	76,046	4,030	3,558
90	15 592	8,209	29,301	3,569	3,097	90	28 352	14,926	57,176	3,831	3,358
91	12 944	6,266	21,092	3,366	2,894	91	24 151	11,691	42,250	3,614	3,142
92	10 431	4,643	14,826	3,193	2,721	92	19 969	8,889	30,558	3,438	2,966
93	8 165	3,342	10,183	3,047	2,575	93	16 195	6,629	21,669	3,269	2,797
94	6 252	2,353	6,841	2,907	2,434	94	12 845	4,835	15,040	3,111	2,639
95	4 671	1,617	4,487	2,775	2,303	95	9 950	3,444	10,205	2,963	2,491
96	3 400	1,082	2,870	2,653	2,181	96	7 517	2,393	6,762	2,826	2,354
97	2 407	0,705	1,788	2,538	2,066	97	5 533	1,619	4,369	2,698	2,226
98	1 656	0,446	1,084	2,432	1,959	98	3 962	1,066	2,750	2,579	2,107
99	1 106	0,274	0,638	2,332	1,860	99	2 756	0,682	1,684	2,468	1,996
100	715	0,163	0,364	2,239	1,767	100	1 861	0,423	1,001	2,365	1,893

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 201 054,397	12,011	11,538	0	100 000	100 000,000	1 204 054,969	12,041	11,568
1	99 594	91 370,467	1 101 054,397	12,050	11,578	1	99 680	91 449,577	1 104 054,969	12,073	11,600
2	99 558	83 796,280	1 009 683,931	12,049	11,577	2	99 652	83 874,839	1 012 605,393	12,073	11,600
3	99 539	76 862,523	925 887,651	12,046	11,573	3	99 636	76 936,988	928 730,554	12,071	11,599
4	99 524	70 505,429	849 025,127	12,042	11,569	4	99 621	70 574,272	851 793,566	12,069	11,597
5	99 510	64 674,560	778 519,698	12,037	11,565	5	99 609	64 739,279	781 219,294	12,067	11,595
6	99 498	59 327,593	713 845,138	12,032	11,560	6	99 600	59 388,461	716 480,015	12,064	11,592
7	99 488	54 423,246	654 517,545	12,026	11,554	7	99 592	54 480,458	657 091,554	12,061	11,588
8	99 478	49 924,755	600 094,299	12,020	11,547	8	99 584	49 977,896	602 611,096	12,058	11,585
9	99 469	45 798,124	550 169,544	12,013	11,540	9	99 578	45 848,433	552 633,200	12,053	11,581
10	99 460	42 013,021	504 371,420	12,005	11,533	10	99 572	42 060,112	506 784,767	12,049	11,577
11	99 451	38 540,609	462 358,400	11,997	11,524	11	99 564	38 584,150	464 724,655	12,044	11,572
12	99 442	35 354,919	423 817,790	11,988	11,515	12	99 556	35 395,492	426 140,505	12,039	11,567
13	99 431	32 432,314	388 462,871	11,978	11,505	13	99 548	32 470,439	390 745,013	12,034	11,561
14	99 422	29 751,811	356 030,557	11,967	11,494	14	99 538	29 786,463	358 274,574	12,028	11,556
15	99 406	27 290,738	326 278,746	11,956	11,483	15	99 526	27 323,647	328 488,111	12,022	11,550
16	99 386	25 032,374	298 988,008	11,944	11,471	16	99 512	25 064,168	301 164,464	12,016	11,543
17	99 357	22 958,671	273 955,634	11,933	11,460	17	99 496	22 990,953	276 100,296	12,009	11,537
18	99 323	21 055,809	250 996,963	11,921	11,448	18	99 479	21 088,915	253 109,343	12,002	11,529
19	99 268	19 306,520	229 941,155	11,910	11,437	19	99 457	19 343,402	232 020,428	11,995	11,522
20	99 213	17 702,745	210 634,634	11,898	11,426	20	99 436	17 742,424	212 677,026	11,987	11,514
21	99 154	16 231,348	192 931,889	11,886	11,414	21	99 415	16 274,019	194 934,602	11,978	11,506
22	99 098	14 882,748	176 700,541	11,873	11,400	22	99 393	14 927,065	178 660,583	11,969	11,496
23	99 043	13 646,215	161 817,793	11,858	11,386	23	99 371	13 691,409	163 733,517	11,959	11,486
24	98 988	12 512,568	148 171,578	11,842	11,369	24	99 348	12 558,068	150 042,109	11,948	11,475
25	98 931	11 472,807	135 659,010	11,824	11,352	25	99 325	11 518,544	137 484,040	11,936	11,463
26	98 872	10 519,273	124 186,203	11,806	11,333	26	99 303	10 565,117	125 965,496	11,923	11,450
27	98 812	9 644,815	113 666,931	11,785	11,313	27	99 277	9 690,178	115 400,380	11,909	11,436
28	98 749	8 842,854	104 022,116	11,763	11,291	28	99 251	8 887,777	105 710,201	11,894	11,421
29	98 688	8 107,682	95 179,262	11,739	11,267	29	99 225	8 151,806	96 822,424	11,877	11,405
30	98 625	7 433,455	87 071,580	11,713	11,241	30	99 198	7 476,647	88 670,619	11,860	11,387
31	98 559	6 815,153	79 638,125	11,685	11,213	31	99 171	6 857,426	81 193,972	11,840	11,368
32	98 486	6 247,800	72 822,971	11,656	11,183	32	99 138	6 289,166	74 336,545	11,820	11,347
33	98 413	5 727,647	66 575,172	11,623	11,151	33	99 104	5 767,879	68 047,380	11,798	11,325
34	98 341	5 250,906	60 847,524	11,588	11,115	34	99 068	5 289,717	62 279,501	11,774	11,301
35	98 262	4 813,453	55 596,618	11,550	11,078	35	99 028	4 850,982	56 989,784	11,748	11,276
36	98 177	4 412,190	50 783,166	11,510	11,037	36	98 986	4 448,546	52 138,802	11,720	11,248
37	98 087	4 044,188	46 370,976	11,466	10,994	37	98 939	4 079,332	47 690,256	11,691	11,218
38	97 990	3 706,600	42 326,788	11,419	10,947	38	98 887	3 740,535	43 610,924	11,659	11,186
39	97 885	3 396,889	38 620,189	11,369	10,897	39	98 829	3 429,660	39 870,390	11,625	11,153
40	97 770	3 112,754	35 223,300	11,316	10,843	40	98 760	3 144,264	36 440,729	11,590	11,117
41	97 636	2 851,844	32 110,546	11,260	10,787	41	98 689	2 882,590	33 296,465	11,551	11,078
42	97 491	2 612,484	29 258,702	11,200	10,727	42	98 607	2 642,380	30 413,875	11,510	11,037
43	97 334	2 392,909	26 646,218	11,135	10,663	43	98 514	2 421,909	27 771,495	11,467	10,994
44	97 147	2 191,108	24 253,309	11,069	10,596	44	98 410	2 219,590	25 349,586	11,421	10,948
45	96 940	2 005,913	22 062,201	10,999	10,526	45	98 299	2 034,018	23 129,996	11,372	10,899
46	96 707	1 835,851	20 056,288	10,925	10,452	46	98 166	1 863,548	21 095,978	11,320	10,848
47	96 440	1 679,628	18 220,437	10,848	10,375	47	98 013	1 707,025	19 232,431	11,267	10,794
48	96 142	1 536,176	16 540,810	10,768	10,295	48	97 843	1 563,360	17 525,405	11,210	10,738
49	95 802	1 404,359	15 004,634	10,684	10,212	49	97 662	1 431,618	15 962,045	11,150	10,677

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	1 283,384	13 600,275	10,597	10,125	50	97 458	1 310,663	14 530,427	11,086	10,614
51	95 022	1 172,387	12 316,891	10,506	10,033	51	97 230	1 199,634	13 219,764	11,020	10,547
52	94 565	1 070,420	11 144,504	10,411	9,939	52	96 988	1 097,840	12 020,131	10,949	10,476
53	94 068	976,872	10 074,084	10,313	9,840	53	96 719	1 004,402	10 922,290	10,874	10,402
54	93 528	891,071	9 097,212	10,209	9,737	54	96 425	918,669	9 917,888	10,796	10,323
55	92 929	812,257	8 206,141	10,103	9,630	55	96 118	840,130	8 999,219	10,712	10,239
56	92 288	740,050	7 393,884	9,991	9,519	56	95 772	767,989	8 159,089	10,624	10,151
57	91 600	673,887	6 653,834	9,874	9,401	57	95 409	701,905	7 391,100	10,530	10,058
58	90 871	613,321	5 979,947	9,750	9,278	58	95 015	641,292	6 689,195	10,431	9,958
59	90 067	557,704	5 366,626	9,623	9,150	59	94 582	585,659	6 047,903	10,327	9,854
60	89 203	506,745	4 808,921	9,490	9,017	60	94 130	534,734	5 462,244	10,215	9,742
61	88 257	459,974	4 302,177	9,353	8,881	61	93 615	487,899	4 927,510	10,099	9,627
62	87 265	417,251	3 842,202	9,208	8,736	62	93 083	445,069	4 439,611	9,975	9,503
63	86 192	378,092	3 424,952	9,059	8,586	63	92 499	405,758	3 994,541	9,845	9,372
64	85 060	342,318	3 046,859	8,901	8,428	64	91 882	369,773	3 588,783	9,705	9,233
65	83 838	309,540	2 704,541	8,737	8,265	65	91 221	336,800	3 219,010	9,558	9,085
66	82 531	279,555	2 395,002	8,567	8,095	66	90 515	306,599	2 882,210	9,401	8,928
67	81 155	252,197	2 115,447	8,388	7,916	67	89 771	278,971	2 575,611	9,233	8,760
68	79 692	227,202	1 863,250	8,201	7,728	68	88 961	253,628	2 296,640	9,055	8,583
69	78 126	204,346	1 636,047	8,006	7,534	69	88 090	230,407	2 043,012	8,867	8,394
70	76 437	183,421	1 431,701	7,806	7,333	70	87 123	209,064	1 812,605	8,670	8,198
71	74 634	164,307	1 248,281	7,597	7,125	71	86 082	189,511	1 603,541	8,461	7,989
72	72 706	146,846	1 083,974	7,382	6,909	72	84 934	171,543	1 414,030	8,243	7,770
73	70 591	130,802	937,128	7,164	6,692	73	83 620	154,943	1 242,487	8,019	7,546
74	68 328	116,155	806,327	6,942	6,469	74	82 170	139,686	1 087,544	7,786	7,313
75	65 861	102,717	690,172	6,719	6,247	75	80 582	125,676	947,858	7,542	7,070
76	63 245	90,493	587,455	6,492	6,019	76	78 787	112,730	822,182	7,293	6,821
77	60 452	79,355	496,962	6,263	5,790	77	76 790	100,800	709,452	7,038	6,566
78	57 448	69,184	417,607	6,036	5,564	78	74 566	89,800	608,652	6,778	6,305
79	54 252	59,941	348,423	5,813	5,340	79	72 086	79,645	518,852	6,515	6,042
80	50 965	51,660	288,482	5,584	5,112	80	69 379	70,325	439,207	6,245	5,773
81	47 504	44,176	236,822	5,361	4,888	81	66 370	61,720	368,882	5,977	5,504
82	43 948	37,494	192,646	5,138	4,665	82	63 085	53,821	307,162	5,707	5,235
83	40 329	31,566	155,151	4,915	4,443	83	59 498	46,569	253,341	5,440	4,968
84	36 688	26,345	123,585	4,691	4,219	84	55 633	39,949	206,772	5,176	4,703
85	33 009	21,746	97,241	4,472	3,999	85	51 517	33,939	166,823	4,915	4,443
86	29 285	17,700	75,495	4,265	3,793	86	47 123	28,481	132,884	4,666	4,193
87	25 606	14,198	57,795	4,071	3,598	87	42 568	23,604	104,403	4,423	3,951
88	21 973	11,178	43,597	3,900	3,428	88	37 687	19,172	80,800	4,215	3,742
89	18 659	8,708	32,419	3,723	3,250	89	32 959	15,382	61,628	4,006	3,534
90	15 592	6,676	23,710	3,552	3,079	90	28 352	12,140	46,246	3,810	3,337
91	12 944	5,085	17,034	3,350	2,878	91	24 151	9,487	34,106	3,595	3,123
92	10 431	3,759	11,950	3,179	2,706	92	19 969	7,196	24,620	3,421	2,948
93	8 165	2,699	8,191	3,034	2,562	93	16 195	5,355	17,423	3,254	2,781
94	6 252	1,897	5,491	2,895	2,423	94	12 845	3,896	12,069	3,098	2,625
95	4 671	1,300	3,595	2,765	2,293	95	9 950	2,769	8,172	2,952	2,479
96	3 400	0,868	2,295	2,644	2,171	96	7 517	1,919	5,404	2,816	2,343
97	2 407	0,564	1,427	2,530	2,058	97	5 533	1,296	3,484	2,689	2,216
98	1 656	0,356	0,863	2,424	1,952	98	3 962	0,851	2,188	2,571	2,098
99	1 106	0,218	0,507	2,325	1,853	99	2 756	0,543	1,337	2,461	1,988
100	715	0,129	0,289	2,233	1,761	100	1 861	0,337	0,794	2,358	1,886

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 171 724,654	11,717	11,244	0	100 000	100 000,000	1 174 493,870	11,745	11,272
1	99 594	91 161,381	1 071 724,654	11,756	11,283	1	99 680	91 240,310	1 074 493,870	11,777	11,304
2	99 558	83 413,212	980 563,273	11,755	11,283	2	99 652	83 491,412	983 253,560	11,777	11,304
3	99 539	76 336,070	897 150,062	11,753	11,280	3	99 636	76 410,024	899 762,148	11,775	11,303
4	99 524	69 862,283	820 813,992	11,749	11,276	4	99 621	69 930,497	823 352,124	11,774	11,301
5	99 510	63 937,955	750 951,709	11,745	11,272	5	99 609	64 001,937	753 421,627	11,772	11,299
6	99 498	58 517,672	687 013,754	11,740	11,267	6	99 600	58 577,709	689 419,690	11,769	11,296
7	99 488	53 557,440	628 496,082	11,735	11,262	7	99 592	53 613,742	630 841,980	11,766	11,293
8	99 478	49 018,087	574 938,642	11,729	11,256	8	99 584	49 070,263	577 228,239	11,763	11,290
9	99 469	44 863,501	525 920,555	11,723	11,250	9	99 578	44 912,783	528 157,976	11,760	11,287
10	99 460	41 061,464	481 057,054	11,716	11,243	10	99 572	41 107,489	483 245,193	11,756	11,283
11	99 451	37 581,503	439 995,590	11,708	11,235	11	99 564	37 623,961	442 137,704	11,751	11,279
12	99 442	34 396,201	402 414,087	11,699	11,226	12	99 556	34 435,673	404 513,743	11,747	11,274
13	99 431	31 480,644	368 017,886	11,690	11,217	13	99 548	31 517,651	370 078,070	11,742	11,269
14	99 422	28 812,712	336 537,242	11,680	11,207	14	99 538	28 846,270	338 560,419	11,737	11,264
15	99 406	26 368,843	307 724,529	11,670	11,197	15	99 526	26 400,640	309 714,149	11,731	11,258
16	99 386	24 131,420	281 355,686	11,659	11,186	16	99 512	24 162,070	283 313,509	11,726	11,253
17	99 357	22 081,706	257 224,267	11,649	11,176	17	99 496	22 112,755	259 151,439	11,720	11,247
18	99 323	20 205,187	235 142,561	11,638	11,165	18	99 479	20 236,955	237 038,683	11,713	11,240
19	99 268	18 484,172	214 937,374	11,628	11,155	19	99 457	18 519,483	216 801,728	11,707	11,234
20	99 213	16 909,924	196 453,202	11,618	11,145	20	99 436	16 947,826	198 282,245	11,700	11,227
21	99 154	15 468,945	179 543,278	11,607	11,134	21	99 415	15 509,611	181 334,419	11,692	11,219
22	99 098	14 151,233	164 074,332	11,594	11,121	22	99 393	14 193,372	165 824,808	11,683	11,210
23	99 043	12 945,785	149 923,100	11,581	11,108	23	99 371	12 988,660	151 631,436	11,674	11,201
24	98 988	11 843,163	136 977,314	11,566	11,093	24	99 348	11 886,229	138 642,776	11,664	11,191
25	98 931	10 834,178	125 134,151	11,550	11,077	25	99 325	10 877,370	126 756,547	11,653	11,180
26	98 872	9 910,991	114 299,973	11,533	11,060	26	99 303	9 954,184	115 879,177	11,641	11,168
27	98 812	9 066,305	104 388,982	11,514	11,041	27	99 277	9 108,947	105 924,993	11,629	11,156
28	98 749	8 293,425	95 322,678	11,494	11,021	28	99 251	8 335,557	96 816,046	11,615	11,142
29	98 688	7 586,531	87 029,253	11,472	10,999	29	99 225	7 627,818	88 480,490	11,600	11,127
30	98 625	6 939,726	79 442,722	11,448	10,975	30	99 198	6 980,048	80 852,671	11,583	11,110
31	98 559	6 347,932	72 502,996	11,422	10,949	31	99 171	6 387,307	73 872,623	11,566	11,093
32	98 486	5 806,157	66 155,065	11,394	10,921	32	99 138	5 844,599	67 485,316	11,547	11,074
33	98 413	5 310,593	60 348,907	11,364	10,891	33	99 104	5 347,895	61 640,717	11,526	11,053
34	98 341	4 857,424	55 038,315	11,331	10,858	34	99 068	4 893,327	56 292,822	11,504	11,031
35	98 262	4 442,562	50 180,891	11,295	10,823	35	99 028	4 477,200	51 399,495	11,480	11,007
36	98 177	4 062,899	45 738,328	11,258	10,785	36	98 986	4 096,377	46 922,295	11,455	10,982
37	98 087	3 715,508	41 675,429	11,217	10,744	37	98 939	3 747,796	42 825,918	11,427	10,954
38	97 990	3 397,564	37 959,921	11,173	10,700	38	98 887	3 428,670	39 078,122	11,397	10,925
39	97 885	3 106,550	34 562,356	11,126	10,653	39	98 829	3 136,520	35 649,452	11,366	10,893
40	97 770	2 840,186	31 455,806	11,075	10,602	40	98 760	2 868,938	32 512,932	11,333	10,860
41	97 636	2 596,168	28 615,620	11,022	10,549	41	98 689	2 624,158	29 643,994	11,297	10,824
42	97 491	2 372,826	26 019,451	10,966	10,493	42	98 607	2 399,980	27 019,836	11,258	10,785
43	97 334	2 168,420	23 646,626	10,905	10,432	43	98 514	2 194,700	24 619,856	11,218	10,745
44	97 147	1 981,007	21 478,205	10,842	10,369	44	98 410	2 006,758	22 425,157	11,175	10,702
45	96 940	1 809,420	19 497,198	10,775	10,302	45	98 299	1 834,772	20 418,399	11,129	10,656
46	96 707	1 652,227	17 687,778	10,705	10,232	46	98 166	1 677,154	18 583,627	11,080	10,608
47	96 440	1 508,171	16 035,551	10,632	10,160	47	98 013	1 532,771	16 906,473	11,030	10,557
48	96 142	1 376,206	14 527,380	10,556	10,083	48	97 843	1 400,560	15 373,701	10,977	10,504
49	95 802	1 255,237	13 151,174	10,477	10,004	49	97 662	1 279,601	13 973,142	10,920	10,447



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	1 144,483	11 895,937	10,394	9,921	50	97 458	1 168,809	12 693,541	10,860	10,387
51	95 022	1 043,106	10 751,454	10,307	9,834	51	97 230	1 067,349	11 524,731	10,798	10,325
52	94 565	950,204	9 708,348	10,217	9,744	52	96 988	974,545	10 457,383	10,731	10,258
53	94 068	865,178	8 758,143	10,123	9,650	53	96 719	889,560	9 482,838	10,660	10,187
54	93 528	787,381	7 892,966	10,024	9,551	54	96 425	811,768	8 593,278	10,586	10,113
55	92 929	716,097	7 105,585	9,923	9,450	55	96 118	740,670	7 781,509	10,506	10,033
56	92 288	650,944	6 389,488	9,816	9,343	56	95 772	675,520	7 040,840	10,423	9,950
57	91 600	591,392	5 738,544	9,703	9,231	57	95 409	615,979	6 365,320	10,334	9,861
58	90 871	537,008	5 147,152	9,585	9,112	58	95 015	561,499	5 749,341	10,239	9,766
59	90 067	487,194	4 610,144	9,463	8,990	59	94 582	511,614	5 187,842	10,140	9,667
60	89 203	441,665	4 122,950	9,335	8,862	60	94 130	466,059	4 676,227	10,034	9,561
61	88 257	399,983	3 681,285	9,204	8,731	61	93 615	424,266	4 210,168	9,923	9,450
62	87 265	362,001	3 281,302	9,064	8,591	62	93 083	386,136	3 785,902	9,805	9,332
63	86 192	327,278	2 919,301	8,920	8,447	63	92 499	351,225	3 399,766	9,680	9,207
64	85 060	295,633	2 592,023	8,768	8,295	64	91 882	319,344	3 048,540	9,546	9,073
65	83 838	266,713	2 296,390	8,610	8,137	65	91 221	290,202	2 729,197	9,404	8,932
66	82 531	240,326	2 029,677	8,446	7,973	66	90 515	263,575	2 438,994	9,254	8,781
67	81 155	216,311	1 789,351	8,272	7,799	67	89 771	239,275	2 175,420	9,092	8,619
68	79 692	194,427	1 573,040	8,091	7,618	68	88 961	217,041	1 936,145	8,921	8,448
69	78 126	174,468	1 378,613	7,902	7,429	69	88 090	196,718	1 719,104	8,739	8,266
70	76 437	156,244	1 204,145	7,707	7,234	70	87 123	178,088	1 522,386	8,549	8,076
71	74 634	139,641	1 047,902	7,504	7,031	71	86 082	161,062	1 344,298	8,346	7,874
72	72 706	124,516	908,261	7,294	6,821	72	84 934	145,458	1 183,236	8,135	7,662
73	70 591	110,658	783,745	7,083	6,610	73	83 620	131,082	1 037,779	7,917	7,444
74	68 328	98,041	673,087	6,865	6,392	74	82 170	117,903	906,697	7,690	7,217
75	65 861	86,501	575,045	6,648	6,175	75	80 582	105,835	788,794	7,453	6,980
76	63 245	76,033	488,544	6,425	5,953	76	78 787	94,716	682,959	7,211	6,738
77	60 452	66,522	412,511	6,201	5,728	77	76 790	84,499	588,243	6,962	6,489
78	57 448	57,863	345,990	5,979	5,507	78	74 566	75,105	503,744	6,707	6,234
79	54 252	50,017	288,127	5,761	5,288	79	72 086	66,460	428,639	6,450	5,977
80	50 965	43,009	238,109	5,536	5,063	80	69 379	58,548	362,179	6,186	5,713
81	47 504	36,694	195,101	5,317	4,844	81	66 370	51,267	303,631	5,923	5,450
82	43 948	31,073	158,406	5,098	4,625	82	63 085	44,603	252,364	5,658	5,185
83	40 329	26,100	127,334	4,879	4,406	83	59 498	38,505	207,761	5,396	4,923
84	36 688	21,733	101,234	4,658	4,185	84	55 633	32,956	169,256	5,136	4,663
85	33 009	17,898	79,501	4,442	3,969	85	51 517	27,933	136,300	4,879	4,407
86	29 285	14,535	61,603	4,238	3,765	86	47 123	23,388	108,367	4,634	4,161
87	25 606	11,633	47,068	4,046	3,573	87	42 568	19,338	84,979	4,394	3,921
88	21 973	9,137	35,435	3,878	3,405	88	37 687	15,671	65,641	4,189	3,716
89	18 659	7,102	26,298	3,703	3,230	89	32 959	12,545	49,969	3,983	3,510
90	15 592	5,432	19,196	3,534	3,061	90	28 352	9,878	37,424	3,789	3,316
91	12 944	4,128	13,764	3,334	2,861	91	24 151	7,702	27,547	3,577	3,104
92	10 431	3,045	9,636	3,165	2,692	92	19 969	5,829	19,845	3,405	2,932
93	8 165	2,181	6,592	3,022	2,549	93	16 195	4,327	14,016	3,239	2,766
94	6 252	1,529	4,410	2,884	2,411	94	12 845	3,141	9,689	3,084	2,612
95	4 671	1,046	2,881	2,755	2,282	95	9 950	2,227	6,548	2,940	2,467
96	3 400	0,697	1,835	2,635	2,162	96	7 517	1,540	4,321	2,805	2,332
97	2 407	0,452	1,139	2,522	2,049	97	5 533	1,038	2,780	2,679	2,206
98	1 656	0,284	0,687	2,417	1,944	98	3 962	0,680	1,743	2,562	2,089
99	1 106	0,174	0,403	2,319	1,846	99	2 756	0,433	1,063	2,453	1,980
100	715	0,103	0,229	2,227	1,754	100	1 861	0,268	0,629	2,352	1,879

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 143 889,011	11,439	10,966	0	100 000	100 000,000	1 146 453,340	11,465	10,991
1	99 594	90 953,250	1 043 889,011	11,477	11,004	1	99 680	91 031,999	1 046 453,340	11,495	11,022
2	99 558	83 032,764	952 935,761	11,477	11,003	2	99 652	83 110,608	955 421,341	11,496	11,022
3	99 539	75 814,413	869 902,997	11,474	11,001	3	99 636	75 887,862	872 310,733	11,495	11,021
4	99 524	69 226,452	794 088,584	11,471	10,998	4	99 621	69 294,046	796 422,871	11,493	11,020
5	99 510	63 211,395	724 862,132	11,467	10,994	5	99 609	63 274,650	727 128,825	11,492	11,018
6	99 498	57 720,622	661 650,737	11,463	10,990	6	99 600	57 779,841	663 854,175	11,489	11,016
7	99 488	52 707,339	603 930,115	11,458	10,985	7	99 592	52 762,747	606 074,334	11,487	11,013
8	99 478	48 129,901	551 222,775	11,453	10,980	8	99 584	48 181,132	553 311,587	11,484	11,011
9	99 469	43 950,022	503 092,874	11,447	10,974	9	99 578	43 998,301	505 130,455	11,481	11,007
10	99 460	40 133,561	459 142,852	11,440	10,967	10	99 572	40 178,546	461 132,154	11,477	11,004
11	99 451	36 648,377	419 009,291	11,433	10,960	11	99 564	36 689,780	420 953,608	11,473	11,000
12	99 442	33 465,583	382 360,914	11,425	10,952	12	99 556	33 503,987	384 263,828	11,469	10,996
13	99 431	30 558,980	348 895,332	11,417	10,944	13	99 548	30 594,903	350 759,841	11,465	10,991
14	99 422	27 905,301	318 336,351	11,408	10,934	14	99 538	27 937,802	320 164,938	11,460	10,987
15	99 406	25 480,091	290 431,050	11,398	10,925	15	99 526	25 510,816	292 227,136	11,455	10,982
16	99 386	23 264,841	264 950,960	11,388	10,915	16	99 512	23 294,391	266 716,320	11,450	10,976
17	99 357	21 240,130	241 686,118	11,379	10,905	17	99 496	21 269,996	243 421,929	11,444	10,971
18	99 323	19 390,756	220 445,988	11,369	10,895	18	99 479	19 421,244	222 151,933	11,439	10,965
19	99 268	17 698,612	201 055,232	11,360	10,887	19	99 457	17 732,422	202 730,688	11,433	10,959
20	99 213	16 154,302	183 356,620	11,350	10,877	20	99 436	16 190,510	184 998,266	11,426	10,953
21	99 154	14 743,974	167 202,318	11,340	10,867	21	99 415	14 782,734	168 807,756	11,419	10,946
22	99 098	13 457,223	152 458,344	11,329	10,856	22	99 393	13 497,296	154 025,022	11,412	10,938
23	99 043	12 282,787	139 001,121	11,317	10,843	23	99 371	12 323,465	140 527,726	11,403	10,930
24	98 988	11 210,979	126 718,334	11,303	10,830	24	99 348	11 251,746	128 204,261	11,394	10,921
25	98 931	10 232,438	115 507,355	11,288	10,815	25	99 325	10 273,231	116 952,515	11,384	10,911
26	98 872	9 339,154	105 274,917	11,272	10,799	26	99 303	9 379,856	106 679,284	11,373	10,900
27	98 812	8 523,699	95 935,762	11,255	10,782	27	99 277	8 563,790	97 299,428	11,362	10,888
28	98 749	7 779,273	87 412,063	11,237	10,763	28	99 251	7 818,794	88 735,638	11,349	10,876
29	98 688	7 099,957	79 632,789	11,216	10,743	29	99 225	7 138,596	80 916,845	11,335	10,862
30	98 625	6 479,807	72 532,833	11,194	10,720	30	99 198	6 517,458	73 778,249	11,320	10,847
31	98 559	5 913,701	66 053,025	11,169	10,696	31	99 171	5 950,383	67 260,791	11,304	10,830
32	98 486	5 396,637	60 139,324	11,144	10,671	32	99 138	5 432,368	61 310,408	11,286	10,813
33	98 413	4 924,757	54 742,687	11,116	10,643	33	99 104	4 959,348	55 878,040	11,267	10,794
34	98 341	4 494,228	49 817,930	11,085	10,612	34	99 068	4 527,447	50 918,692	11,247	10,773
35	98 262	4 101,002	45 323,702	11,052	10,579	35	99 028	4 132,976	46 391,246	11,225	10,751
36	98 177	3 741,966	41 222,700	11,016	10,543	36	98 986	3 772,799	42 258,269	11,201	10,727
37	98 087	3 414,203	37 480,734	10,978	10,505	37	98 939	3 443,872	38 485,470	11,175	10,702
38	97 990	3 114,914	34 066,532	10,937	10,463	38	98 887	3 143,432	35 041,598	11,148	10,674
39	97 885	2 841,608	30 951,618	10,892	10,419	39	98 829	2 869,022	31 898,166	11,118	10,645
40	97 770	2 592,029	28 110,010	10,845	10,371	40	98 760	2 618,269	29 029,144	11,087	10,614
41	97 636	2 363,923	25 517,981	10,795	10,321	41	98 689	2 389,409	26 410,875	11,053	10,580
42	97 491	2 155,627	23 154,058	10,741	10,268	42	98 607	2 180,295	24 021,467	11,018	10,544
43	97 334	1 965,434	20 998,431	10,684	10,211	43	98 514	1 989,253	21 841,172	10,980	10,506
44	97 147	1 791,465	19 032,997	10,624	10,151	44	98 410	1 814,752	19 851,918	10,939	10,466
45	96 940	1 632,560	17 241,532	10,561	10,088	45	98 299	1 655,434	18 037,166	10,896	10,422
46	96 707	1 487,328	15 608,972	10,495	10,021	46	98 166	1 509,767	16 381,732	10,851	10,377
47	96 440	1 354,549	14 121,644	10,425	9,952	47	98 013	1 376,644	14 871,965	10,803	10,330
48	96 142	1 233,205	12 767,094	10,353	9,879	48	97 843	1 255,028	13 495,321	10,753	10,280
49	95 802	1 122,237	11 533,889	10,278	9,804	49	97 662	1 144,020	12 240,293	10,699	10,226

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	1 020,882	10 411,652	10,199	9,725	50	97 458	1 042,581	11 096,273	10,643	10,170
51	95 022	928,330	9 390,770	10,116	9,642	51	97 230	949,905	10 053,692	10,584	10,111
52	94 565	843,719	8 462,441	10,030	9,557	52	96 988	865,332	9 103,787	10,521	10,047
53	94 068	766,467	7 618,721	9,940	9,467	53	96 719	788,068	8 238,455	10,454	9,981
54	93 528	695,954	6 852,254	9,846	9,373	54	96 425	717,509	7 450,387	10,384	9,910
55	92 929	631,502	6 156,300	9,749	9,275	55	96 118	653,172	6 732,878	10,308	9,835
56	92 288	572,735	5 524,798	9,646	9,173	56	95 772	594,358	6 079,706	10,229	9,756
57	91 600	519,150	4 952,062	9,539	9,065	57	95 409	540,734	5 485,348	10,144	9,671
58	90 871	470,333	4 432,913	9,425	8,952	58	95 015	491,783	4 944,614	10,054	9,581
59	90 067	425,730	3 962,579	9,308	8,834	59	94 582	447,069	4 452,830	9,960	9,487
60	89 203	385,063	3 536,849	9,185	8,712	60	94 130	406,332	4 005,761	9,858	9,385
61	88 257	347,927	3 151,786	9,059	8,585	61	93 615	369,050	3 599,429	9,753	9,280
62	87 265	314,170	2 803,858	8,925	8,451	62	93 083	335,116	3 230,379	9,640	9,166
63	86 192	283,386	2 489,689	8,786	8,312	63	92 499	304,122	2 895,263	9,520	9,047
64	85 060	255,401	2 206,303	8,639	8,165	64	91 882	275,884	2 591,141	9,392	8,919
65	83 838	229,890	1 950,902	8,486	8,013	65	91 221	250,136	2 315,257	9,256	8,783
66	82 531	206,673	1 721,012	8,327	7,854	66	90 515	226,666	2 065,121	9,111	8,638
67	81 155	185,596	1 514,339	8,159	7,686	67	89 771	205,300	1 838,454	8,955	8,482
68	79 692	166,439	1 328,742	7,983	7,510	68	88 961	185,797	1 633,154	8,790	8,317
69	78 126	149,012	1 162,304	7,800	7,327	69	88 090	168,016	1 447,357	8,614	8,141
70	76 437	133,142	1 013,292	7,611	7,137	70	87 123	151,756	1 279,341	8,430	7,957
71	74 634	118,723	880,150	7,413	6,940	71	86 082	136,934	1 127,585	8,234	7,761
72	72 706	105,622	761,427	7,209	6,736	72	84 934	123,386	990,651	8,029	7,556
73	70 591	93,652	655,806	7,003	6,529	73	83 620	110,937	867,265	7,818	7,344
74	68 328	82,785	562,154	6,791	6,317	74	82 170	99,556	756,328	7,597	7,124
75	65 861	72,874	479,369	6,578	6,105	75	80 582	89,162	656,772	7,366	6,893
76	63 245	63,908	406,495	6,361	5,887	76	78 787	79,612	567,610	7,130	6,656
77	60 452	55,786	342,587	6,141	5,668	77	76 790	70,862	487,998	6,887	6,413
78	57 448	48,414	286,800	5,924	5,451	78	74 566	62,841	417,136	6,638	6,165
79	54 252	41,754	238,386	5,709	5,236	79	72 086	55,480	354,295	6,386	5,913
80	50 965	35,821	196,632	5,489	5,016	80	69 379	48,764	298,815	6,128	5,654
81	47 504	30,492	160,811	5,274	4,800	81	66 370	42,602	250,051	5,869	5,396
82	43 948	25,762	130,318	5,059	4,585	82	63 085	36,980	207,449	5,610	5,136
83	40 329	21,590	104,556	4,843	4,370	83	59 498	31,851	170,469	5,352	4,879
84	36 688	17,936	82,966	4,626	4,152	84	55 633	27,198	138,617	5,097	4,623
85	33 009	14,738	65,030	4,413	3,939	85	51 517	23,001	111,419	4,844	4,371
86	29 285	11,941	50,292	4,212	3,738	86	47 123	19,214	88,418	4,602	4,128
87	25 606	9,535	38,351	4,022	3,549	87	42 568	15,851	69,204	4,366	3,893
88	21 973	7,472	28,817	3,856	3,383	88	37 687	12,816	53,353	4,163	3,690
89	18 659	5,795	21,344	3,683	3,210	89	32 959	10,236	40,537	3,960	3,487
90	15 592	4,422	15,550	3,516	3,043	90	28 352	8,041	30,301	3,768	3,295
91	12 944	3,353	11,127	3,319	2,846	91	24 151	6,255	22,260	3,559	3,085
92	10 431	2,467	7,775	3,151	2,678	92	19 969	4,723	16,005	3,388	2,915
93	8 165	1,764	5,308	3,009	2,536	93	16 195	3,498	11,282	3,225	2,751
94	6 252	1,233	3,544	2,873	2,400	94	12 845	2,534	7,783	3,072	2,598
95	4 671	0,842	2,310	2,745	2,272	95	9 950	1,793	5,249	2,928	2,455
96	3 400	0,559	1,469	2,626	2,153	96	7 517	1,237	3,457	2,795	2,321
97	2 407	0,362	0,909	2,514	2,041	97	5 533	0,831	2,220	2,670	2,197
98	1 656	0,227	0,548	2,410	1,937	98	3 962	0,544	1,388	2,554	2,081
99	1 106	0,139	0,320	2,312	1,839	99	2 756	0,345	0,845	2,446	1,972
100	715	0,082	0,182	2,222	1,748	100	1 861	0,213	0,499	2,345	1,872

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 117 439,172	11,174	10,701	0	100 000	100 000,000	1 119 821,536	11,198	10,725
1	99 594	90 746,067	1 017 439,172	11,212	10,738	1	99 680	90 824,636	1 019 821,536	11,228	10,755
2	99 558	82 654,914	926 693,105	11,212	10,738	2	99 652	82 732,403	928 996,900	11,229	10,755
3	99 539	75 297,498	844 038,191	11,209	10,736	3	99 636	75 370,446	846 264,497	11,228	10,754
4	99 524	68 597,839	768 740,693	11,206	10,733	4	99 621	68 664,820	770 894,050	11,227	10,753
5	99 510	62 494,720	700 142,854	11,203	10,730	5	99 609	62 557,258	702 229,231	11,225	10,752
6	99 498	56 936,208	637 648,134	11,199	10,726	6	99 600	56 994,623	639 671,973	11,223	10,750
7	99 488	51 872,625	580 711,925	11,195	10,721	7	99 592	51 927,156	582 677,350	11,221	10,747
8	99 478	47 259,780	528 839,300	11,190	10,716	8	99 584	47 310,084	530 750,195	11,219	10,745
9	99 469	43 057,163	481 579,521	11,185	10,711	9	99 578	43 104,461	483 440,111	11,216	10,742
10	99 460	39 228,671	438 522,358	11,179	10,705	10	99 572	39 272,642	440 335,650	11,212	10,739
11	99 451	35 740,468	399 293,687	11,172	10,698	11	99 564	35 780,846	401 063,008	11,209	10,735
12	99 442	32 562,180	363 553,219	11,165	10,691	12	99 556	32 599,548	365 282,163	11,205	10,731
13	99 431	29 666,310	330 991,038	11,157	10,683	13	99 548	29 701,184	332 682,615	11,201	10,727
14	99 422	27 028,440	301 324,728	11,148	10,675	14	99 538	27 059,920	302 981,431	11,197	10,723
15	99 406	24 623,219	274 296,288	11,140	10,666	15	99 526	24 652,911	275 921,511	11,192	10,719
16	99 386	22 431,253	249 673,070	11,131	10,657	16	99 512	22 459,744	251 268,600	11,188	10,714
17	99 357	20 432,439	227 241,817	11,122	10,648	17	99 496	20 461,169	228 808,857	11,183	10,709
18	99 323	18 610,900	206 809,378	11,112	10,639	18	99 479	18 640,162	208 347,687	11,177	10,704
19	99 268	16 948,116	188 198,478	11,104	10,631	19	99 457	16 980,492	189 707,525	11,172	10,698
20	99 213	15 434,053	171 250,362	11,096	10,622	20	99 436	15 468,647	172 727,033	11,166	10,693
21	99 154	14 054,518	155 816,309	11,087	10,613	21	99 415	14 091,466	157 258,386	11,160	10,686
22	99 098	12 798,717	141 761,791	11,076	10,603	22	99 393	12 836,829	143 166,920	11,153	10,679
23	99 043	11 655,140	128 963,074	11,065	10,591	23	99 371	11 693,740	130 330,092	11,145	10,672
24	98 988	10 613,869	117 307,934	11,052	10,579	24	99 348	10 652,464	118 636,352	11,137	10,663
25	98 931	9 665,379	106 694,065	11,039	10,565	25	99 325	9 703,911	107 983,887	11,128	10,654
26	98 872	8 801,504	97 028,686	11,024	10,550	26	99 303	8 839,862	98 279,976	11,118	10,644
27	98 812	8 014,696	88 227,182	11,008	10,534	27	99 277	8 052,392	89 440,114	11,107	10,634
28	98 749	7 298,062	80 212,486	10,991	10,517	28	99 251	7 335,138	81 387,722	11,096	10,622
29	98 688	6 645,594	72 914,423	10,972	10,498	29	99 225	6 681,761	74 052,584	11,083	10,609
30	98 625	6 051,316	66 268,829	10,951	10,477	30	99 198	6 086,476	67 370,823	11,069	10,595
31	98 559	5 510,064	60 217,514	10,929	10,455	31	99 171	5 544,242	61 284,347	11,054	10,580
32	98 486	5 016,838	54 707,449	10,905	10,431	32	99 138	5 050,054	55 740,104	11,038	10,564
33	98 413	4 567,739	49 690,611	10,879	10,405	33	99 104	4 599,823	50 690,050	11,020	10,546
34	98 341	4 158,926	45 122,872	10,850	10,376	34	99 068	4 189,666	46 090,227	11,001	10,527
35	98 262	3 786,392	40 963,946	10,819	10,345	35	99 028	3 815,914	41 900,561	10,980	10,507
36	98 177	3 447,030	37 177,554	10,785	10,312	36	98 986	3 475,433	38 084,647	10,958	10,485
37	98 087	3 137,937	33 730,524	10,749	10,276	37	98 939	3 165,205	34 609,214	10,934	10,461
38	97 990	2 856,344	30 592,587	10,710	10,237	38	98 887	2 882,495	31 444,009	10,909	10,435
39	97 885	2 599,789	27 736,243	10,669	10,195	39	98 829	2 624,870	28 561,514	10,881	10,407
40	97 770	2 366,048	25 136,454	10,624	10,150	40	98 760	2 390,000	25 936,644	10,852	10,378
41	97 636	2 152,913	22 770,406	10,577	10,103	41	98 689	2 176,124	23 546,644	10,820	10,347
42	97 491	1 958,738	20 617,493	10,526	10,052	42	98 607	1 981,153	21 370,521	10,787	10,313
43	97 334	1 781,849	18 658,755	10,472	9,998	43	98 514	1 803,443	19 389,367	10,751	10,278
44	97 147	1 620,430	16 876,906	10,415	9,941	44	98 410	1 641,494	17 585,924	10,713	10,240
45	96 940	1 473,332	15 256,476	10,355	9,881	45	98 299	1 493,975	15 944,430	10,672	10,199
46	96 707	1 339,208	13 783,144	10,292	9,818	46	98 166	1 359,412	14 450,455	10,630	10,156
47	96 440	1 216,874	12 443,936	10,226	9,752	47	98 013	1 236,723	13 091,043	10,585	10,112
48	96 142	1 105,339	11 227,062	10,157	9,683	48	97 843	1 124,899	11 854,320	10,538	10,064
49	95 802	1 003,586	10 121,723	10,086	9,612	49	97 662	1 023,066	10 729,421	10,488	10,014

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 9,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	910,867	9 118,137	10,010	9,537	50	97 458	930,228	9 706,355	10,434	9,961
51	95 022	826,402	8 207,270	9,931	9,458	51	97 230	845,608	8 776,127	10,378	9,905
52	94 565	749,371	7 380,868	9,849	9,376	52	96 988	768,567	7 930,519	10,319	9,845
53	94 068	679,207	6 631,497	9,764	9,290	53	96 719	698,348	7 161,952	10,256	9,782
54	93 528	615,316	5 952,290	9,674	9,200	54	96 425	634,374	6 463,604	10,189	9,715
55	92 929	557,060	5 336,974	9,581	9,107	55	96 118	576,176	5 829,230	10,117	9,643
56	92 288	504,070	4 779,914	9,483	9,009	56	95 772	523,101	5 253,054	10,042	9,568
57	91 600	455,868	4 275,844	9,380	8,906	57	95 409	474,822	4 729,953	9,962	9,488
58	90 871	412,062	3 819,975	9,270	8,797	58	95 015	430,854	4 255,132	9,876	9,402
59	90 067	372,135	3 407,914	9,158	8,684	59	94 582	390,788	3 824,278	9,786	9,312
60	89 203	335,821	3 035,779	9,040	8,566	60	94 130	354,369	3 433,490	9,689	9,215
61	88 257	302,743	2 699,958	8,918	8,445	61	93 615	321,122	3 079,121	9,589	9,115
62	87 265	272,746	2 397,216	8,789	8,315	62	93 083	290,931	2 757,999	9,480	9,006
63	86 192	245,461	2 124,469	8,655	8,181	63	92 499	263,422	2 467,068	9,365	8,892
64	85 060	220,717	1 879,009	8,513	8,040	64	91 882	238,419	2 203,646	9,243	8,769
65	83 838	198,218	1 658,291	8,366	7,892	65	91 221	215,675	1 965,227	9,112	8,638
66	82 531	177,794	1 460,073	8,212	7,738	66	90 515	194,993	1 749,552	8,972	8,499
67	81 155	159,299	1 282,279	8,050	7,576	67	89 771	176,210	1 554,559	8,822	8,349
68	79 692	142,530	1 122,980	7,879	7,405	68	88 961	159,108	1 378,348	8,663	8,189
69	78 126	127,316	980,450	7,701	7,227	69	88 090	143,553	1 219,241	8,493	8,020
70	76 437	113,498	853,135	7,517	7,043	70	87 123	129,365	1 075,688	8,315	7,841
71	74 634	100,975	739,637	7,325	6,851	71	86 082	116,464	946,322	8,125	7,652
72	72 706	89,628	638,662	7,126	6,652	72	84 934	104,702	829,858	7,926	7,452
73	70 591	79,290	549,034	6,924	6,451	73	83 620	93,924	725,156	7,721	7,247
74	68 328	69,930	469,744	6,717	6,244	74	82 170	84,096	631,232	7,506	7,032
75	65 861	61,417	399,815	6,510	6,036	75	80 582	75,145	547,135	7,281	6,807
76	63 245	53,738	338,397	6,297	5,823	76	78 787	66,943	471,991	7,051	6,577
77	60 452	46,802	284,659	6,082	5,609	77	76 790	59,450	405,047	6,813	6,340
78	57 448	40,525	237,857	5,869	5,396	78	74 566	52,600	345,597	6,570	6,097
79	54 252	34,870	197,332	5,659	5,185	79	72 086	46,333	292,997	6,324	5,850
80	50 965	29,848	162,461	5,443	4,969	80	69 379	40,632	246,663	6,071	5,597
81	47 504	25,349	132,614	5,231	4,758	81	66 370	35,417	206,031	5,817	5,344
82	43 948	21,368	107,264	5,020	4,546	82	63 085	30,673	170,615	5,562	5,089
83	40 329	17,867	85,896	4,808	4,334	83	59 498	26,359	139,942	5,309	4,835
84	36 688	14,809	68,029	4,594	4,120	84	55 633	22,457	113,583	5,058	4,584
85	33 009	12,141	53,220	4,384	3,910	85	51 517	18,948	91,126	4,809	4,336
86	29 285	9,814	41,079	4,186	3,712	86	47 123	15,792	72,178	4,571	4,097
87	25 606	7,819	31,265	3,999	3,525	87	42 568	12,998	56,386	4,338	3,864
88	21 973	6,114	23,446	3,835	3,361	88	37 687	10,486	43,388	4,138	3,664
89	18 659	4,730	17,332	3,664	3,191	89	32 959	8,355	32,902	3,938	3,464
90	15 592	3,602	12,602	3,499	3,025	90	28 352	6,549	24,547	3,748	3,274
91	12 944	2,724	9,000	3,304	2,830	91	24 151	5,083	17,998	3,541	3,067
92	10 431	2,000	6,276	3,138	2,664	92	19 969	3,829	12,915	3,372	2,899
93	8 165	1,427	4,276	2,997	2,523	93	16 195	2,830	9,085	3,210	2,737
94	6 252	0,995	2,849	2,862	2,388	94	12 845	2,045	6,255	3,059	2,585
95	4 671	0,678	1,854	2,736	2,262	95	9 950	1,443	4,210	2,917	2,443
96	3 400	0,449	1,176	2,617	2,143	96	7 517	0,994	2,767	2,784	2,311
97	2 407	0,290	0,727	2,506	2,033	97	5 533	0,666	1,773	2,661	2,187
98	1 656	0,182	0,437	2,403	1,929	98	3 962	0,435	1,107	2,546	2,072
99	1 106	0,111	0,255	2,306	1,832	99	2 756	0,276	0,672	2,438	1,965
100	715	0,065	0,144	2,216	1,742	100	1 861	0,170	0,396	2,338	1,865

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 092 276,707	10,923	10,449	0	100 000	100 000,000	1 094 497,002	10,945	10,471
1	99 594	90 539,826	992 276,707	10,960	10,486	1	99 680	90 618,217	994 497,002	10,975	10,501
2	99 558	82 279,636	901 736,881	10,959	10,485	2	99 652	82 356,774	903 878,785	10,975	10,501
3	99 539	74 785,272	819 457,244	10,957	10,483	3	99 636	74 857,724	821 522,011	10,974	10,500
4	99 524	67 976,345	744 671,973	10,955	10,481	4	99 621	68 042,719	746 664,287	10,973	10,499
5	99 510	61 787,773	676 695,627	10,952	10,478	5	99 609	61 849,604	678 621,568	10,972	10,498
6	99 498	56 164,204	614 907,854	10,948	10,474	6	99 600	56 221,826	616 771,965	10,970	10,496
7	99 488	51 052,984	558 743,650	10,944	10,470	7	99 592	51 106,653	560 550,138	10,968	10,494
8	99 478	46 407,315	507 690,666	10,940	10,466	8	99 584	46 456,712	509 443,485	10,966	10,492
9	99 469	42 184,412	461 283,351	10,935	10,461	9	99 578	42 230,752	462 986,773	10,963	10,489
10	99 460	38 346,174	419 098,938	10,929	10,455	10	99 572	38 389,155	420 756,022	10,960	10,486
11	99 451	34 857,041	380 752,765	10,923	10,449	11	99 564	34 896,420	382 366,867	10,957	10,483
12	99 442	31 685,138	345 895,724	10,917	10,443	12	99 556	31 721,499	347 470,446	10,954	10,480
13	99 431	28 801,659	314 210,586	10,909	10,435	13	99 548	28 835,516	315 748,947	10,950	10,476
14	99 422	26 181,034	285 408,927	10,901	10,427	14	99 538	26 211,527	286 913,431	10,946	10,472
15	99 406	23 797,015	259 227,893	10,893	10,419	15	99 526	23 825,711	260 701,905	10,942	10,468
16	99 386	21 629,329	235 430,879	10,885	10,411	16	99 512	21 656,801	236 876,194	10,938	10,464
17	99 357	19 657,195	213 801,550	10,877	10,402	17	99 496	19 684,836	215 219,393	10,933	10,459
18	99 323	17 864,076	194 144,355	10,868	10,394	18	99 479	17 892,164	195 534,558	10,929	10,454
19	99 268	16 231,044	176 280,279	10,861	10,387	19	99 457	16 262,050	177 642,394	10,924	10,450
20	99 213	14 747,448	160 049,235	10,853	10,379	20	99 436	14 780,503	161 380,343	10,918	10,444
21	99 154	13 398,762	145 301,787	10,844	10,370	21	99 415	13 433,986	146 599,841	10,913	10,439
22	99 098	12 173,824	131 903,025	10,835	10,361	22	99 393	12 210,075	133 165,855	10,906	10,432
23	99 043	11 060,885	119 729,201	10,825	10,351	23	99 371	11 097,517	120 955,780	10,899	10,425
24	98 988	10 049,812	108 668,316	10,813	10,339	24	99 348	10 086,357	109 858,263	10,892	10,418
25	98 931	9 130,930	98 618,504	10,800	10,326	25	99 325	9 167,331	99 771,906	10,883	10,409
26	98 872	8 295,925	89 487,574	10,787	10,313	26	99 303	8 332,080	90 604,575	10,874	10,400
27	98 812	7 537,145	81 191,649	10,772	10,298	27	99 277	7 572,595	82 272,495	10,865	10,390
28	98 749	6 847,613	73 654,504	10,756	10,282	28	99 251	6 882,400	74 699,900	10,854	10,380
29	98 688	6 221,245	66 806,891	10,739	10,264	29	99 225	6 255,102	67 817,500	10,842	10,368
30	98 625	5 652,039	60 585,647	10,719	10,245	30	99 198	5 684,879	61 562,398	10,829	10,355
31	98 559	5 134,804	54 933,608	10,698	10,224	31	99 171	5 166,654	55 877,519	10,815	10,341
32	98 486	4 664,543	49 798,804	10,676	10,202	32	99 138	4 695,427	50 710,865	10,800	10,326
33	98 413	4 237,328	45 134,261	10,652	10,178	33	99 104	4 267,091	46 015,439	10,784	10,310
34	98 341	3 849,319	40 896,933	10,624	10,150	34	99 068	3 877,770	41 748,348	10,766	10,292
35	98 262	3 496,553	37 047,614	10,595	10,121	35	99 028	3 523,815	37 870,577	10,747	10,273
36	98 177	3 175,934	33 551,061	10,564	10,090	36	98 986	3 202,103	34 346,762	10,726	10,252
37	98 087	2 884,579	30 375,127	10,530	10,056	37	98 939	2 909,645	31 144,659	10,704	10,230
38	97 990	2 619,754	27 490,549	10,494	10,020	38	98 887	2 643,739	28 235,013	10,680	10,206
39	97 885	2 379,031	24 870,794	10,454	9,980	39	98 829	2 401,982	25 591,274	10,654	10,180
40	97 770	2 160,216	22 491,764	10,412	9,938	40	98 760	2 182,084	23 189,292	10,627	10,153
41	97 636	1 961,156	20 331,547	10,367	9,893	41	98 689	1 982,299	21 007,208	10,597	10,123
42	97 491	1 780,220	18 370,392	10,319	9,845	42	98 607	1 800,593	19 024,908	10,566	10,092
43	97 334	1 615,772	16 590,171	10,268	9,794	43	98 514	1 635,354	17 224,316	10,532	10,058
44	97 147	1 466,059	14 974,399	10,214	9,740	44	98 410	1 485,116	15 588,962	10,497	10,023
45	96 940	1 329,945	13 508,340	10,157	9,683	45	98 299	1 348,579	14 103,846	10,458	9,984
46	96 707	1 206,126	12 178,395	10,097	9,623	46	98 166	1 224,323	12 755,267	10,418	9,944
47	96 440	1 093,458	10 972,269	10,034	9,560	47	98 013	1 111,294	11 530,944	10,376	9,902
48	96 142	990,978	9 878,810	9,969	9,495	48	97 843	1 008,514	10 419,650	10,332	9,858
49	95 802	897,708	8 887,832	9,901	9,427	49	97 662	915,132	9 411,135	10,284	9,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	812,919	7 990,124	9,829	9,355	50	97 458	830,198	8 496,003	10,234	9,760
51	95 022	735,860	7 177,205	9,753	9,279	51	97 230	752,962	7 665,805	10,181	9,707
52	94 565	665,752	6 441,345	9,675	9,201	52	96 988	682,806	6 912,843	10,124	9,650
53	94 068	602,046	5 775,593	9,593	9,119	53	96 719	619,013	6 230,037	10,064	9,590
54	93 528	544,174	5 173,547	9,507	9,033	54	96 425	561,029	5 611,024	10,001	9,527
55	92 929	491,534	4 629,373	9,418	8,944	55	96 118	508,401	5 049,995	9,933	9,459
56	92 288	443,766	4 137,839	9,324	8,850	56	95 772	460,520	4 541,594	9,862	9,388
57	91 600	400,419	3 694,073	9,226	8,751	57	95 409	417,067	4 081,074	9,785	9,311
58	90 871	361,118	3 293,654	9,121	8,647	58	95 015	377,587	3 664,008	9,704	9,230
59	90 067	325,386	2 932,536	9,012	8,538	59	94 582	341,696	3 286,421	9,618	9,144
60	89 203	292,967	2 607,150	8,899	8,425	60	94 130	309,148	2 944,725	9,525	9,051
61	88 257	263,509	2 314,183	8,782	8,308	61	93 615	279,507	2 635,577	9,429	8,955
62	87 265	236,861	2 050,674	8,658	8,184	62	93 083	252,653	2 356,069	9,325	8,851
63	86 192	212,681	1 813,813	8,528	8,054	63	92 499	228,243	2 103,417	9,216	8,742
64	85 060	190,807	1 601,132	8,391	7,917	64	91 882	206,110	1 875,174	9,098	8,624
65	83 838	170,968	1 410,325	8,249	7,775	65	91 221	186,024	1 669,064	8,972	8,498
66	82 531	153,003	1 239,358	8,100	7,626	66	90 515	167,804	1 483,039	8,838	8,364
67	81 155	136,775	1 086,355	7,943	7,469	67	89 771	151,295	1 315,235	8,693	8,219
68	79 692	122,099	949,580	7,777	7,303	68	88 961	136,300	1 163,940	8,540	8,065
69	78 126	108,818	827,482	7,604	7,130	69	88 090	122,696	1 027,640	8,376	7,901
70	76 437	96,787	718,664	7,425	6,951	70	87 123	110,318	904,944	8,203	7,729
71	74 634	85,912	621,877	7,239	6,764	71	86 082	99,091	794,626	8,019	7,545
72	72 706	76,084	535,965	7,044	6,570	72	84 934	88,881	695,535	7,825	7,351
73	70 591	67,156	459,880	6,848	6,374	73	83 620	79,550	606,655	7,626	7,152
74	68 328	59,093	392,725	6,646	6,172	74	82 170	71,065	527,104	7,417	6,943
75	65 861	51,782	333,632	6,443	5,969	75	80 582	63,356	456,040	7,198	6,724
76	63 245	45,205	281,850	6,235	5,761	76	78 787	56,313	392,684	6,973	6,499
77	60 452	39,280	236,645	6,024	5,550	77	76 790	49,896	336,371	6,741	6,267
78	57 448	33,935	197,364	5,816	5,342	78	74 566	44,047	286,475	6,504	6,030
79	54 252	29,134	163,429	5,610	5,136	79	72 086	38,711	242,428	6,263	5,789
80	50 965	24,880	134,296	5,398	4,924	80	69 379	33,870	203,718	6,015	5,541
81	47 504	21,083	109,415	5,190	4,716	81	66 370	29,455	169,848	5,766	5,292
82	43 948	17,731	88,333	4,982	4,508	82	63 085	25,452	140,392	5,516	5,042
83	40 329	14,792	70,601	4,773	4,299	83	59 498	21,823	114,940	5,267	4,793
84	36 688	12,233	55,809	4,562	4,088	84	55 633	18,550	93,117	5,020	4,546
85	33 009	10,006	43,576	4,355	3,881	85	51 517	15,616	74,567	4,775	4,301
86	29 285	8,070	33,571	4,160	3,686	86	47 123	12,985	58,951	4,540	4,066
87	25 606	6,415	25,501	3,975	3,501	87	42 568	10,664	45,966	4,310	3,836
88	21 973	5,004	19,086	3,814	3,340	88	37 687	8,583	35,302	4,113	3,639
89	18 659	3,863	14,082	3,645	3,171	89	32 959	6,824	26,719	3,916	3,441
90	15 592	2,935	10,219	3,482	3,008	90	28 352	5,336	19,895	3,728	3,254
91	12 944	2,215	7,284	3,289	2,815	91	24 151	4,132	14,559	3,523	3,049
92	10 431	1,622	5,069	3,124	2,650	92	19 969	3,106	10,426	3,357	2,883
93	8 165	1,155	3,446	2,985	2,511	93	16 195	2,290	7,320	3,196	2,722
94	6 252	0,804	2,292	2,851	2,377	94	12 845	1,651	5,030	3,046	2,572
95	4 671	0,546	1,488	2,726	2,252	95	9 950	1,163	3,379	2,906	2,432
96	3 400	0,361	0,942	2,608	2,134	96	7 517	0,799	2,216	2,774	2,300
97	2 407	0,233	0,581	2,499	2,024	97	5 533	0,534	1,417	2,652	2,178
98	1 656	0,145	0,348	2,396	1,922	98	3 962	0,348	0,883	2,538	2,064
99	1 106	0,088	0,203	2,300	1,826	99	2 756	0,220	0,535	2,431	1,957
100	715	0,052	0,115	2,210	1,736	100	1 861	0,135	0,315	2,332	1,858

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 068 311,995	10,683	10,209	0	100 000	100 000,000	1 070 387,526	10,704	10,229
1	99 594	90 334,521	968 311,995	10,719	10,245	1	99 680	90 412,733	970 387,526	10,733	10,258
2	99 558	81 906,909	877 977,474	10,719	10,245	2	99 652	81 983,697	879 974,793	10,734	10,259
3	99 539	74 277,681	796 070,565	10,717	10,243	3	99 636	74 349,642	797 991,096	10,733	10,259
4	99 524	67 361,874	721 792,884	10,715	10,241	4	99 621	67 427,647	723 641,454	10,732	10,258
5	99 510	61 090,401	654 431,010	10,713	10,238	5	99 609	61 151,534	656 213,807	10,731	10,257
6	99 498	55 404,384	593 340,608	10,709	10,235	6	99 600	55 461,227	595 062,273	10,729	10,255
7	99 488	50 248,111	537 936,224	10,706	10,231	7	99 592	50 300,934	539 601,047	10,727	10,253
8	99 478	45 572,110	487 688,113	10,701	10,227	8	99 584	45 620,618	489 300,113	10,725	10,251
9	99 469	41 331,273	442 116,003	10,697	10,222	9	99 578	41 376,676	443 679,494	10,723	10,249
10	99 460	37 485,465	400 784,729	10,692	10,217	10	99 572	37 527,482	402 302,819	10,720	10,246
11	99 451	33 997,382	363 299,264	10,686	10,212	11	99 564	34 035,790	364 775,337	10,717	10,243
12	99 442	30 833,629	329 301,882	10,680	10,206	12	99 556	30 869,013	330 739,547	10,714	10,240
13	99 431	27 964,086	298 468,253	10,673	10,199	13	99 548	27 996,959	299 870,533	10,711	10,236
14	99 422	25 362,030	270 504,167	10,666	10,191	14	99 538	25 391,569	271 873,575	10,707	10,233
15	99 406	23 000,315	245 142,137	10,658	10,184	15	99 526	23 028,050	246 482,006	10,704	10,229
16	99 386	20 857,797	222 141,822	10,650	10,176	16	99 512	20 884,289	223 453,956	10,700	10,225
17	99 357	18 913,027	201 284,026	10,643	10,168	17	99 496	18 939,620	202 569,667	10,696	10,221
18	99 323	17 148,815	182 370,999	10,635	10,160	18	99 479	17 175,779	183 630,046	10,691	10,217
19	99 268	15 545,837	165 222,184	10,628	10,154	19	99 457	15 575,534	166 454,268	10,687	10,212
20	99 213	14 092,843	149 676,347	10,621	10,146	20	99 436	14 124,431	150 878,733	10,682	10,208
21	99 154	12 774,988	135 583,504	10,613	10,139	21	99 415	12 808,572	136 754,303	10,677	10,202
22	99 098	11 580,756	122 808,516	10,605	10,130	22	99 393	11 615,241	123 945,731	10,671	10,197
23	99 043	10 498,177	111 227,760	10,595	10,121	23	99 371	10 532,945	112 330,490	10,665	10,190
24	98 988	9 516,912	100 729,583	10,584	10,110	24	99 348	9 551,519	101 797,544	10,658	10,183
25	98 931	8 627,146	91 212,671	10,573	10,098	25	99 325	8 661,539	92 246,026	10,650	10,176
26	98 872	7 820,438	82 585,524	10,560	10,086	26	99 303	7 854,521	83 584,486	10,642	10,167
27	98 812	7 089,036	74 765,086	10,547	10,072	27	99 277	7 122,379	75 729,965	10,633	10,158
28	98 749	6 425,895	67 676,050	10,532	10,057	28	99 251	6 458,540	68 607,587	10,623	10,148
29	98 688	5 824,864	61 250,155	10,515	10,041	29	99 225	5 856,564	62 149,047	10,612	10,137
30	98 625	5 279,925	55 425,290	10,497	10,023	30	99 198	5 310,603	56 292,483	10,600	10,126
31	98 559	4 785,866	50 145,366	10,478	10,003	31	99 171	4 815,552	50 981,879	10,587	10,112
32	98 486	4 337,704	45 359,500	10,457	9,983	32	99 138	4 366,423	46 166,328	10,573	10,099
33	98 413	3 931,488	41 021,796	10,434	9,960	33	99 104	3 959,103	41 799,904	10,558	10,083
34	98 341	3 563,386	37 090,308	10,409	9,934	34	99 068	3 589,724	37 840,801	10,541	10,067
35	98 262	3 229,484	33 526,922	10,382	9,907	35	99 028	3 254,664	34 251,077	10,524	10,049
36	98 177	2 926,702	30 297,438	10,352	9,878	36	98 986	2 950,818	30 996,413	10,504	10,030
37	98 087	2 652,184	27 370,735	10,320	9,846	37	98 939	2 675,231	28 045,595	10,483	10,009
38	97 990	2 403,233	24 718,551	10,286	9,811	38	98 887	2 425,235	25 370,364	10,461	9,987
39	97 885	2 177,456	22 315,319	10,248	9,774	39	98 829	2 198,463	22 945,129	10,437	9,962
40	97 770	1 972,699	20 137,862	10,208	9,734	40	98 760	1 992,668	20 746,666	10,411	9,937
41	97 636	1 786,856	18 165,164	10,166	9,692	41	98 689	1 806,121	18 753,997	10,384	9,909
42	97 491	1 618,324	16 378,307	10,121	9,646	42	98 607	1 636,843	16 947,877	10,354	9,880
43	97 334	1 465,500	14 759,984	10,072	9,597	43	98 514	1 483,261	15 311,033	10,323	9,848
44	97 147	1 326,696	13 294,483	10,021	9,546	44	98 410	1 343,941	13 827,772	10,289	9,815
45	96 940	1 200,791	11 967,787	9,967	9,492	45	98 299	1 217,616	12 483,831	10,253	9,778
46	96 707	1 086,528	10 766,996	9,910	9,435	46	98 166	1 102,920	11 266,215	10,215	9,740
47	96 440	982,798	9 680,468	9,850	9,375	47	98 013	998,829	10 163,296	10,175	9,701
48	96 142	888,669	8 697,670	9,787	9,313	48	97 843	904,395	9 164,467	10,133	9,659
49	95 802	803,203	7 809,001	9,722	9,248	49	97 662	818,793	8 260,071	10,088	9,614



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	725,691	7 005,798	9,654	9,180	50	97 458	741,116	7 441,278	10,041	9,566
51	95 022	655,411	6 280,107	9,582	9,108	51	97 230	670,643	6 700,162	9,991	9,516
52	94 565	591,623	5 624,696	9,507	9,033	52	96 988	606,778	6 029,519	9,937	9,463
53	94 068	533,797	5 033,073	9,429	8,954	53	96 719	548,841	5 422,741	9,880	9,406
54	93 528	481,392	4 499,276	9,346	8,872	54	96 425	496,302	4 873,901	9,820	9,346
55	92 929	433,839	4 017,884	9,261	8,787	55	96 118	448,726	4 377,599	9,756	9,281
56	92 288	390,790	3 584,045	9,171	8,697	56	95 772	405,543	3 928,873	9,688	9,213
57	91 600	351,817	3 193,256	9,076	8,602	57	95 409	366,445	3 523,329	9,615	9,140
58	90 871	316,567	2 841,438	8,976	8,501	58	95 015	331,005	3 156,885	9,537	9,063
59	90 067	284,597	2 524,871	8,872	8,397	59	94 582	298,862	2 825,880	9,455	8,981
60	89 203	255,660	2 240,274	8,763	8,288	60	94 130	269,781	2 527,018	9,367	8,892
61	88 257	229,433	1 984,614	8,650	8,176	61	93 615	243,362	2 257,237	9,275	8,801
62	87 265	205,763	1 755,181	8,530	8,056	62	93 083	219,481	2 013,875	9,176	8,701
63	86 192	184,338	1 549,418	8,405	7,931	63	92 499	197,827	1 794,394	9,071	8,596
64	85 060	165,004	1 365,080	8,273	7,799	64	91 882	178,238	1 596,567	8,957	8,483
65	83 838	147,513	1 200,075	8,135	7,661	65	91 221	160,504	1 418,329	8,837	8,362
66	82 531	131,713	1 052,563	7,991	7,517	66	90 515	144,455	1 257,825	8,707	8,233
67	81 155	117,476	920,850	7,839	7,364	67	89 771	129,948	1 113,370	8,568	8,093
68	79 692	104,633	803,374	7,678	7,204	68	88 961	116,803	983,423	8,419	7,945
69	78 126	93,040	698,740	7,510	7,036	69	88 090	104,906	866,619	8,261	7,786
70	76 437	82,566	605,700	7,336	6,862	70	87 123	94,109	761,713	8,094	7,619
71	74 634	73,123	523,134	7,154	6,680	71	86 082	84,340	667,604	7,916	7,441
72	72 706	64,612	450,011	6,965	6,490	72	84 934	75,478	583,264	7,728	7,253
73	70 591	56,900	385,399	6,773	6,299	73	83 620	67,402	507,785	7,534	7,059
74	68 328	49,955	328,499	6,576	6,101	74	82 170	60,075	440,384	7,331	6,856
75	65 861	43,675	278,544	6,378	5,903	75	80 582	53,437	380,308	7,117	6,642
76	63 245	38,041	234,869	6,174	5,700	76	78 787	47,389	326,871	6,898	6,423
77	60 452	32,981	196,828	5,968	5,494	77	76 790	41,894	279,482	6,671	6,197
78	57 448	28,428	163,847	5,764	5,289	78	74 566	36,899	237,588	6,439	5,965
79	54 252	24,350	135,419	5,561	5,087	79	72 086	32,355	200,690	6,203	5,728
80	50 965	20,748	111,068	5,353	4,879	80	69 379	28,245	168,334	5,960	5,485
81	47 504	17,542	90,320	5,149	4,675	81	66 370	24,508	140,089	5,716	5,242
82	43 948	14,720	72,779	4,944	4,470	82	63 085	21,129	115,581	5,470	4,996
83	40 329	12,252	58,059	4,739	4,264	83	59 498	18,075	94,452	5,226	4,751
84	36 688	10,109	45,807	4,531	4,057	84	55 633	15,329	76,377	4,982	4,508
85	33 009	8,250	35,698	4,327	3,853	85	51 517	12,876	61,048	4,741	4,267
86	29 285	6,639	27,448	4,135	3,660	86	47 123	10,682	48,172	4,510	4,035
87	25 606	5,265	20,809	3,952	3,478	87	42 568	8,753	37,490	4,283	3,809
88	21 973	4,098	15,544	3,793	3,319	88	37 687	7,029	28,737	4,089	3,614
89	18 659	3,156	11,446	3,626	3,152	89	32 959	5,575	21,708	3,894	3,419
90	15 592	2,392	8,290	3,465	2,991	90	28 352	4,350	16,133	3,709	3,234
91	12 944	1,801	5,897	3,274	2,799	91	24 151	3,361	11,783	3,506	3,031
92	10 431	1,317	4,096	3,111	2,636	92	19 969	2,521	8,422	3,341	2,867
93	8 165	0,935	2,779	2,973	2,499	93	16 195	1,854	5,901	3,182	2,708
94	6 252	0,649	1,845	2,841	2,366	94	12 845	1,334	4,047	3,034	2,559
95	4 671	0,440	1,195	2,716	2,242	95	9 950	0,937	2,713	2,894	2,420
96	3 400	0,290	0,755	2,600	2,125	96	7 517	0,642	1,776	2,764	2,290
97	2 407	0,187	0,465	2,491	2,016	97	5 533	0,429	1,133	2,643	2,168
98	1 656	0,116	0,278	2,389	1,914	98	3 962	0,278	0,704	2,530	2,055
99	1 106	0,071	0,162	2,294	1,819	99	2 756	0,176	0,426	2,424	1,950
100	715	0,041	0,091	2,205	1,730	100	1 861	0,108	0,250	2,325	1,851

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 045 463,296	10,455	9,980	0	100 000	100 000,000	1 047 409,155	10,474	9,999
1	99 594	90 130,144	945 463,296	10,490	10,015	1	99 680	90 208,180	947 409,155	10,502	10,028
2	99 558	81 536,709	855 333,152	10,490	10,015	2	99 652	81 613,150	857 200,976	10,503	10,028
3	99 539	73 774,674	773 796,443	10,489	10,014	3	99 636	73 846,147	775 587,826	10,503	10,028
4	99 524	66 754,330	700 021,769	10,487	10,012	4	99 621	66 819,510	701 741,679	10,502	10,027
5	99 510	60 402,454	633 267,439	10,484	10,009	5	99 609	60 462,898	634 922,169	10,501	10,026
6	99 498	54 656,529	572 864,986	10,481	10,006	6	99 600	54 712,605	574 459,271	10,500	10,025
7	99 488	49 457,708	518 208,457	10,478	10,003	7	99 592	49 509,699	519 746,667	10,498	10,023
8	99 478	44 753,778	468 750,749	10,474	9,999	8	99 584	44 801,415	470 236,967	10,496	10,021
9	99 469	40 497,263	423 996,971	10,470	9,995	9	99 578	40 541,748	425 435,552	10,494	10,019
10	99 460	36 645,960	383 499,709	10,465	9,990	10	99 572	36 687,036	384 893,804	10,491	10,016
11	99 451	33 160,800	346 853,748	10,460	9,985	11	99 564	33 198,263	348 206,768	10,489	10,014
12	99 442	30 006,856	313 692,949	10,454	9,979	12	99 556	30 041,291	315 008,505	10,486	10,011
13	99 431	27 152,686	283 686,093	10,448	9,973	13	99 548	27 184,604	284 967,215	10,483	10,008
14	99 422	24 570,415	256 533,408	10,441	9,966	14	99 538	24 599,032	257 782,610	10,479	10,005
15	99 406	22 232,003	231 962,993	10,434	9,959	15	99 526	22 258,811	233 183,578	10,476	10,001
16	99 386	20 115,441	209 730,990	10,426	9,952	16	99 512	20 140,990	210 924,767	10,472	9,998
17	99 357	18 198,621	189 615,549	10,419	9,944	17	99 496	18 224,210	190 783,777	10,469	9,994
18	99 323	16 463,717	171 416,929	10,412	9,937	18	99 479	16 489,603	172 559,567	10,465	9,990
19	99 268	14 891,011	154 953,212	10,406	9,931	19	99 457	14 919,458	156 069,964	10,461	9,986
20	99 213	13 468,680	140 062,201	10,399	9,924	20	99 436	13 498,868	141 150,506	10,456	9,982
21	99 154	12 181,569	126 593,521	10,392	9,917	21	99 415	12 213,593	127 651,638	10,452	9,977
22	99 098	11 017,827	114 411,953	10,384	9,909	22	99 393	11 050,636	115 438,045	10,446	9,971
23	99 043	9 965,274	103 394,125	10,375	9,901	23	99 371	9 998,278	104 387,409	10,441	9,966
24	98 988	9 013,381	93 428,851	10,366	9,891	24	99 348	9 046,157	94 389,132	10,434	9,959
25	98 931	8 152,206	84 415,470	10,355	9,880	25	99 325	8 184,706	85 342,975	10,427	9,952
26	98 872	7 373,190	76 263,263	10,343	9,869	26	99 303	7 405,323	77 158,269	10,419	9,944
27	98 812	6 668,495	68 890,073	10,331	9,856	27	99 277	6 699,860	69 752,946	10,411	9,936
28	98 749	6 031,018	62 221,578	10,317	9,842	28	99 251	6 061,656	63 053,086	10,402	9,927
29	98 688	5 454,552	56 190,561	10,302	9,827	29	99 225	5 484,237	56 991,430	10,392	9,917
30	98 625	4 933,071	50 736,009	10,285	9,810	30	99 198	4 961,734	51 507,193	10,381	9,906
31	98 559	4 461,352	45 802,938	10,267	9,792	31	99 171	4 489,024	46 545,459	10,369	9,894
32	98 486	4 034,430	41 341,586	10,247	9,772	32	99 138	4 061,141	42 056,435	10,356	9,881
33	98 413	3 648,342	37 307,157	10,226	9,751	33	99 104	3 673,968	37 995,293	10,342	9,867
34	98 341	3 299,269	33 658,815	10,202	9,727	34	99 068	3 323,655	34 321,326	10,326	9,852
35	98 262	2 983,351	30 359,546	10,176	9,702	35	99 028	3 006,612	30 997,671	10,310	9,835
36	98 177	2 697,529	27 376,195	10,149	9,674	36	98 986	2 719,756	27 991,059	10,292	9,817
37	98 087	2 438,976	24 678,666	10,118	9,644	37	98 939	2 460,170	25 271,302	10,272	9,797
38	97 990	2 205,038	22 239,690	10,086	9,611	38	98 887	2 225,226	22 811,132	10,251	9,776
39	97 885	1 993,361	20 034,653	10,051	9,576	39	98 829	2 012,592	20 585,907	10,229	9,754
40	97 770	1 801,829	18 041,292	10,013	9,538	40	98 760	1 820,069	18 573,315	10,205	9,730
41	97 636	1 628,391	16 239,463	9,973	9,498	41	98 689	1 645,947	16 753,246	10,178	9,704
42	97 491	1 471,468	14 611,072	9,930	9,455	42	98 607	1 488,307	15 107,299	10,151	9,676
43	97 334	1 329,498	13 139,603	9,883	9,408	43	98 514	1 345,610	13 618,992	10,121	9,646
44	97 147	1 200,852	11 810,105	9,835	9,360	44	98 410	1 216,461	12 273,381	10,089	9,615
45	96 940	1 084,431	10 609,254	9,783	9,308	45	98 299	1 099,625	11 056,920	10,055	9,580
46	96 707	979,020	9 524,823	9,729	9,254	46	98 166	993,790	9 957,295	10,020	9,545
47	96 440	883,550	8 545,803	9,672	9,197	47	98 013	897,963	8 963,505	9,982	9,507
48	96 142	797,120	7 662,252	9,612	9,138	48	97 843	811,226	8 065,542	9,942	9,468
49	95 802	718,828	6 865,132	9,550	9,076	49	97 662	732,780	7 254,317	9,900	9,425

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	647,989	6 146,304	9,485	9,010	50	97 458	661,762	6 521,536	9,855	9,380
51	95 022	583,910	5 498,316	9,416	8,942	51	97 230	597,481	5 859,774	9,807	9,333
52	94 565	525,889	4 914,405	9,345	8,870	52	96 988	539,360	5 262,293	9,757	9,282
53	94 068	473,414	4 388,517	9,270	8,795	53	96 719	486,756	4 722,933	9,703	9,228
54	93 528	425,971	3 915,103	9,191	8,716	54	96 425	439,164	4 236,178	9,646	9,171
55	92 929	383,024	3 489,132	9,109	8,635	55	96 118	396,167	3 797,013	9,584	9,110
56	92 288	344,237	3 106,108	9,023	8,548	56	95 772	357,233	3 400,846	9,520	9,045
57	91 600	309,206	2 761,871	8,932	8,457	57	95 409	322,061	3 043,613	9,450	8,976
58	90 871	277,596	2 452,665	8,835	8,361	58	95 015	290,256	2 721,552	9,376	8,902
59	90 067	248,996	2 175,069	8,735	8,261	59	94 582	261,477	2 431,296	9,298	8,824
60	89 203	223,173	1 926,073	8,630	8,156	60	94 130	235,500	2 169,819	9,214	8,739
61	88 257	199,825	1 702,900	8,522	8,047	61	93 615	211,957	1 934,319	9,126	8,651
62	87 265	178,805	1 503,074	8,406	7,931	62	93 038	190,726	1 722,362	9,031	8,556
63	86 192	159,825	1 324,270	8,286	7,811	63	92 499	171,519	1 531,636	8,930	8,455
64	85 060	142,738	1 164,445	8,158	7,683	64	91 882	154,186	1 360,117	8,821	8,346
65	83 838	127,318	1 021,707	8,025	7,550	65	91 221	138,531	1 205,931	8,705	8,230
66	82 531	113,424	894,389	7,885	7,411	66	90 515	124,397	1 067,400	8,581	8,106
67	81 155	100,935	780,964	7,737	7,262	67	89 771	111,651	943,003	8,446	7,971
68	79 692	89,697	680,029	7,581	7,107	68	88 961	100,130	831,352	8,303	7,828
69	78 126	79,579	590,332	7,418	6,943	69	88 090	89,728	731,222	8,149	7,675
70	76 437	70,460	510,753	7,249	6,774	70	87 123	80,311	641,494	7,988	7,513
71	74 634	62,261	440,293	7,072	6,597	71	86 082	71,811	561,183	7,815	7,340
72	72 706	54,889	378,032	6,887	6,412	72	84 934	64,120	489,372	7,632	7,157
73	70 591	48,228	323,143	6,700	6,225	73	83 620	57,130	425,251	7,444	6,969
74	68 328	42,246	274,915	6,507	6,033	74	82 170	50,805	368,122	7,246	6,771
75	65 861	36,852	232,669	6,314	5,839	75	80 582	45,089	317,317	7,038	6,563
76	63 245	32,026	195,817	6,114	5,640	76	78 787	39,895	272,228	6,824	6,349
77	60 452	27,702	163,791	5,913	5,438	77	76 790	35,189	232,333	6,602	6,128
78	57 448	23,824	136,089	5,712	5,237	78	74 566	30,923	197,144	6,375	5,900
79	54 252	20,361	112,265	5,514	5,039	79	72 086	27,054	166,221	6,144	5,669
80	50 965	17,310	91,904	5,309	4,835	80	69 379	23,564	139,167	5,906	5,431
81	47 504	14,601	74,594	5,109	4,634	81	66 370	20,400	115,603	5,667	5,192
82	43 948	12,225	59,993	4,908	4,433	82	63 085	17,548	95,203	5,425	4,951
83	40 329	10,152	47,768	4,705	4,231	83	59 498	14,977	77,656	5,185	4,710
84	36 688	8,358	37,616	4,501	4,026	84	55 633	12,674	62,678	4,946	4,471
85	33 009	6,805	29,259	4,300	3,825	85	51 517	10,621	50,005	4,708	4,233
86	29 285	5,464	22,453	4,109	3,635	86	47 123	8,792	39,384	4,480	4,005
87	25 606	4,323	16,990	3,930	3,455	87	42 568	7,187	30,592	4,256	3,782
88	21 973	3,357	12,666	3,773	3,298	88	37 687	5,759	23,405	4,064	3,590
89	18 659	2,580	9,309	3,608	3,133	89	32 959	4,558	17,647	3,872	3,397
90	15 592	1,951	6,729	3,448	2,974	90	28 352	3,548	13,089	3,689	3,214
91	12 944	1,466	4,777	3,259	2,784	91	24 151	2,735	9,541	3,488	3,014
92	10 431	1,069	3,311	3,098	2,623	92	19 969	2,047	6,806	3,326	2,851
93	8 165	0,757	2,242	2,961	2,487	93	16 195	1,502	4,759	3,169	2,694
94	6 252	0,525	1,485	2,830	2,355	94	12 845	1,078	3,257	3,021	2,546
95	4 671	0,355	0,960	2,707	2,232	95	9 950	0,756	2,179	2,883	2,409
96	3 400	0,234	0,606	2,591	2,117	96	7 517	0,517	1,423	2,754	2,280
97	2 407	0,150	0,372	2,483	2,008	97	5 533	0,344	0,907	2,634	2,159
98	1 656	0,093	0,222	2,382	1,907	98	3 962	0,223	0,562	2,522	2,047
99	1 106	0,056	0,129	2,287	1,813	99	2 756	0,140	0,339	2,417	1,942
100	715	0,033	0,073	2,199	1,724	100	1 861	0,086	0,199	2,319	1,844

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	1 023 655,936	10,237	9,761	0	100 000	100 000,000	1 025 485,312	10,255	9,780
1	99 594	89 926,690	923 655,936	10,271	9,796	1	99 680	90 004,549	925 485,312	10,283	9,807
2	99 558	81 169,013	833 729,247	10,272	9,796	2	99 652	81 245,109	835 480,763	10,283	9,808
3	99 539	73 276,198	752 560,234	10,270	9,795	3	99 636	73 347,188	754 235,654	10,283	9,808
4	99 524	66 153,620	679 284,036	10,268	9,793	4	99 621	66 218,213	680 888,465	10,282	9,807
5	99 510	59 723,781	613 130,416	10,266	9,791	5	99 609	59 783,546	614 670,252	10,282	9,806
6	99 498	53 920,425	553 406,635	10,263	9,788	6	99 600	53 975,745	554 886,706	10,280	9,805
7	99 488	48 681,481	499 486,210	10,260	9,785	7	99 592	48 732,657	500 910,960	10,279	9,804
8	99 478	43 951,940	450 804,728	10,257	9,782	8	99 584	43 998,723	452 178,303	10,277	9,802
9	99 469	39 681,909	406 852,789	10,253	9,778	9	99 578	39 725,499	408 179,580	10,275	9,800
10	99 460	35 827,090	367 170,880	10,248	9,773	10	99 572	35 867,248	368 454,081	10,273	9,798
11	99 451	32 346,625	331 343,790	10,244	9,768	11	99 564	32 383,168	332 586,833	10,270	9,795
12	99 442	29 204,045	298 997,165	10,238	9,763	12	99 556	29 237,559	300 203,665	10,268	9,793
13	99 431	26 366,583	269 793,120	10,232	9,757	13	99 548	26 397,578	270 966,106	10,265	9,790
14	99 422	23 805,214	243 426,537	10,226	9,751	14	99 538	23 832,940	244 568,529	10,262	9,787
15	99 406	21 491,005	219 621,323	10,219	9,744	15	99 526	21 516,921	220 735,589	10,259	9,784
16	99 386	19 401,095	198 130,318	10,212	9,737	16	99 512	19 425,737	199 218,668	10,255	9,780
17	99 357	17 512,724	178 729,223	10,206	9,731	17	99 496	17 537,349	179 792,931	10,252	9,777
18	99 323	15 807,444	161 216,498	10,199	9,724	18	99 479	15 832,299	162 255,582	10,248	9,773
19	99 268	14 265,155	145 409,054	10,193	9,718	19	99 457	14 292,406	146 423,283	10,245	9,770
20	99 213	12 873,478	131 143,899	10,187	9,712	20	99 436	12 902,332	132 130,877	10,241	9,766
21	99 154	11 616,963	118 270,421	10,181	9,706	21	99 415	11 647,503	119 228,545	10,236	9,761
22	99 098	10 483,442	106 653,457	10,174	9,698	22	99 393	10 514,660	107 581,042	10,232	9,756
23	99 043	9 460,536	96 170,015	10,165	9,690	23	99 371	9 491,868	97 066,382	10,226	9,751
24	98 988	8 537,540	86 709,479	10,156	9,681	24	99 348	8 568,586	87 574,514	10,220	9,745
25	98 931	7 704,399	78 171,939	10,146	9,671	25	99 325	7 735,113	79 005,928	10,214	9,739
26	98 872	6 952,445	70 467,540	10,136	9,660	26	99 303	6 982,744	71 270,815	10,207	9,732
27	98 812	6 273,769	63 515,095	10,124	9,649	27	99 277	6 303,277	64 288,071	10,199	9,724
28	98 749	5 661,217	57 241,327	10,111	9,636	28	99 251	5 689,977	57 984,794	10,191	9,716
29	98 688	5 108,541	51 580,110	10,097	9,622	29	99 225	5 136,342	52 294,817	10,181	9,706
30	98 625	4 609,710	46 471,569	10,081	9,606	30	99 198	4 636,495	47 158,475	10,171	9,696
31	98 559	4 159,502	41 861,859	10,064	9,589	31	99 171	4 185,302	42 521,980	10,160	9,685
32	98 486	3 752,974	37 702,357	10,046	9,571	32	99 138	3 777,822	38 336,678	10,148	9,673
33	98 413	3 386,160	33 949,384	10,026	9,551	33	99 104	3 409,944	34 558,856	10,135	9,660
34	98 341	3 055,260	30 563,224	10,003	9,528	34	99 068	3 077,843	31 148,912	10,120	9,645
35	98 262	2 756,471	27 507,964	9,979	9,504	35	99 028	2 777,963	28 071,070	10,105	9,630
36	98 177	2 486,759	24 751,493	9,953	9,478	36	98 986	2 507,249	25 293,107	10,088	9,613
37	98 087	2 243,332	22 264,734	9,925	9,450	37	98 939	2 262,826	22 785,858	10,070	9,594
38	97 990	2 023,581	20 021,402	9,894	9,419	38	98 887	2 042,108	20 523,031	10,050	9,575
39	97 885	1 825,194	17 997,821	9,861	9,386	39	98 829	1 842,803	18 480,923	10,029	9,554
40	97 770	1 646,096	16 172,627	9,825	9,350	40	98 760	1 662,760	16 638,121	10,006	9,531
41	97 636	1 484,291	14 526,530	9,787	9,312	41	98 689	1 500,293	14 975,361	9,982	9,506
42	97 491	1 338,227	13 042,239	9,746	9,271	42	98 607	1 353,541	13 475,067	9,955	9,480
43	97 334	1 206,383	11 704,013	9,702	9,227	43	98 514	1 221,003	12 121,526	9,928	9,452
44	97 147	1 087,190	10 497,630	9,656	9,181	44	98 410	1 101,322	10 900,524	9,898	9,423
45	96 940	979,572	9 410,440	9,607	9,132	45	98 299	993,297	9 799,202	9,865	9,390
46	96 707	882,357	8 430,868	9,555	9,080	46	98 166	895,669	8 805,905	9,832	9,356
47	96 440	794,516	7 548,511	9,501	9,026	47	98 013	807,476	7 910,236	9,796	9,321
48	96 142	715,177	6 753,994	9,444	8,969	48	97 843	727,833	7 102,760	9,759	9,284
49	95 802	643,478	6 038,817	9,385	8,909	49	97 662	655,968	6 374,927	9,718	9,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 10,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	578,755	5 395,339	9,322	8,847	50	97 458	591,057	5 718,959	9,676	9,201
51	95 022	520,345	4 816,584	9,257	8,781	51	97 230	532,439	5 127,902	9,631	9,156
52	94 565	467,582	4 296,239	9,188	8,713	52	96 988	479,560	4 595,463	9,583	9,108
53	94 068	419,976	3 828,657	9,116	8,641	53	96 719	431,811	4 115,904	9,532	9,057
54	93 528	377,035	3 408,681	9,041	8,566	54	96 425	388,712	3 684,092	9,478	9,003
55	92 929	338,256	3 031,646	8,963	8,487	55	96 118	349,864	3 295,380	9,419	8,944
56	92 288	303,316	2 693,390	8,880	8,405	56	95 772	314,767	2 945,516	9,358	8,883
57	91 600	271,835	2 390,074	8,792	8,317	57	95 409	283,136	2 630,749	9,291	8,816
58	90 871	243,494	2 118,240	8,699	8,224	58	95 015	254,599	2 347,613	9,221	8,746
59	90 067	217,915	1 874,746	8,603	8,128	59	94 582	228,838	2 093,014	9,146	8,671
60	89 203	194,875	1 656,831	8,502	8,027	60	94 130	205,638	1 864,176	9,065	8,590
61	88 257	174,093	1 461,956	8,398	7,922	61	93 615	184,663	1 658,538	8,981	8,506
62	87 265	155,428	1 287,863	8,286	7,811	62	93 033	165,790	1 473,875	8,890	8,415
63	86 192	138,616	1 132,435	8,170	7,694	63	92 499	148,758	1 308,085	8,793	8,318
64	85 060	123,517	993,820	8,046	7,571	64	91 882	133,423	1 159,327	8,689	8,214
65	83 838	109,925	870,303	7,917	7,442	65	91 221	119,606	1 025,903	8,577	8,102
66	82 531	97,708	760,378	7,782	7,307	66	90 515	107,160	906,298	8,457	7,982
67	81 155	86,753	662,670	7,639	7,163	67	89 771	95,963	799,138	8,328	7,852
68	79 692	76,920	575,917	7,487	7,012	68	88 961	85,867	703,175	8,189	7,714
69	78 126	68,089	498,997	7,329	6,853	69	88 090	76,773	617,308	8,041	7,566
70	76 437	60,151	430,908	7,164	6,689	70	87 123	68,560	540,535	7,884	7,409
71	74 634	53,031	370,757	6,991	6,516	71	86 082	61,166	471,975	7,716	7,241
72	72 706	46,647	317,726	6,811	6,336	72	84 934	54,492	410,809	7,539	7,064
73	70 591	40,894	271,079	6,629	6,154	73	83 620	48,441	356,317	7,356	6,880
74	68 328	35,740	230,185	6,440	5,965	74	82 170	42,981	307,876	7,163	6,688
75	65 861	31,106	194,445	6,251	5,776	75	80 582	38,059	264,895	6,960	6,485
76	63 245	26,972	163,338	6,056	5,581	76	78 787	33,599	226,836	6,751	6,276
77	60 452	23,278	136,367	5,858	5,383	77	76 790	29,569	193,237	6,535	6,060
78	57 448	19,974	113,089	5,662	5,187	78	74 566	25,926	163,668	6,313	5,838
79	54 252	17,032	93,115	5,467	4,992	79	72 086	22,631	137,742	6,087	5,611
80	50 965	14,447	76,083	5,266	4,791	80	69 379	19,667	115,111	5,853	5,378
81	47 504	12,159	61,636	5,069	4,594	81	66 370	16,988	95,445	5,619	5,143
82	43 948	10,157	49,477	4,871	4,396	82	63 085	14,579	78,457	5,381	4,906
83	40 329	8,416	39,321	4,672	4,197	83	59 498	12,416	63,878	5,145	4,670
84	36 688	6,913	30,905	4,471	3,996	84	55 633	10,482	51,462	4,909	4,434
85	33 009	5,616	23,992	4,272	3,797	85	51 517	8,765	40,980	4,676	4,200
86	29 285	4,499	18,377	4,085	3,610	86	47 123	7,239	32,215	4,450	3,975
87	25 606	3,552	13,878	3,907	3,432	87	42 568	5,904	24,976	4,230	3,755
88	21 973	2,752	10,326	3,752	3,277	88	37 687	4,720	19,072	4,041	3,565
89	18 659	2,110	7,574	3,590	3,114	89	32 959	3,727	14,352	3,851	3,375
90	15 592	1,592	5,464	3,432	2,957	90	28 352	2,895	10,625	3,670	3,195
91	12 944	1,193	3,872	3,244	2,769	91	24 151	2,227	7,730	3,471	2,996
92	10 431	0,868	2,679	3,085	2,610	92	19 969	1,662	5,503	3,310	2,835
93	8 165	0,614	1,810	2,950	2,474	93	16 195	1,217	3,841	3,155	2,680
94	6 252	0,424	1,197	2,820	2,344	94	12 845	0,872	2,623	3,009	2,534
95	4 671	0,286	0,772	2,697	2,222	95	9 950	0,610	1,751	2,872	2,397
96	3 400	0,188	0,486	2,583	2,108	96	7 517	0,416	1,142	2,745	2,270
97	2 407	0,120	0,298	2,476	2,000	97	5 533	0,276	0,726	2,625	2,150
98	1 656	0,075	0,177	2,375	1,900	98	3 962	0,179	0,449	2,514	2,039
99	1 106	0,045	0,103	2,281	1,806	99	2 756	0,112	0,271	2,410	1,935
100	715	0,026	0,058	2,194	1,718	100	1 861	0,068	0,158	2,313	1,838

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12) ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12) ä <sub>y</sub>
0	100 000	100 000,000	1 002 821,585	10,028	9,553	0	100 000	100 000,000	1 004 546,030	10,045	9,570
1	99 594	89 724,152	902 821,585	10,062	9,587	1	99 680	89 801,836	904 546,030	10,073	9,597
2	99 558	80 803,798	813 097,433	10,063	9,587	2	99 652	80 879,552	814 744,193	10,074	9,598
3	99 539	72 782,203	732 293,635	10,061	9,586	3	99 636	72 852,715	733 864,641	10,073	9,598
4	99 524	65 559,652	659 511,432	10,060	9,584	4	99 621	65 623,665	661 011,927	10,073	9,597
5	99 510	59 054,239	593 951,780	10,058	9,582	5	99 609	59 113,334	595 388,261	10,072	9,596
6	99 498	53 195,861	534 897,541	10,055	9,580	6	99 600	53 250,438	536 274,928	10,071	9,595
7	99 488	47 919,147	481 701,680	10,052	9,577	7	99 592	47 969,521	483 024,489	10,069	9,594
8	99 478	43 166,227	433 782,533	10,049	9,574	8	99 584	43 212,175	435 054,968	10,068	9,592
9	99 469	38 884,754	390 616,306	10,045	9,570	9	99 578	38 927,469	391 842,793	10,066	9,590
10	99 460	35 028,303	351 731,551	10,041	9,566	10	99 572	35 067,566	352 915,324	10,064	9,588
11	99 451	31 554,208	316 703,248	10,037	9,561	11	99 564	31 589,856	317 847,759	10,062	9,586
12	99 442	28 424,451	285 149,040	10,032	9,556	12	99 556	28 457,070	286 257,903	10,059	9,584
13	99 431	25 604,935	256 724,590	10,026	9,551	13	99 548	25 635,035	257 800,833	10,057	9,581
14	99 422	23 065,490	231 119,654	10,020	9,545	14	99 538	23 092,354	232 165,798	10,054	9,578
15	99 406	20 776,294	208 054,165	10,014	9,538	15	99 526	20 801,347	209 073,444	10,051	9,575
16	99 386	18 713,643	187 277,871	10,008	9,532	16	99 512	18 737,412	188 272,097	10,048	9,572
17	99 357	16 854,139	168 564,228	10,001	9,526	17	99 496	16 877,837	169 534,685	10,045	9,569
18	99 323	15 178,724	151 710,089	9,995	9,519	18	99 479	15 202,590	152 656,848	10,042	9,566
19	99 268	13 666,927	136 531,365	9,990	9,514	19	99 457	13 693,035	137 454,258	10,038	9,563
20	99 213	12 305,833	122 864,438	9,984	9,509	20	99 436	12 333,415	123 761,223	10,035	9,559
21	99 154	11 079,713	110 558,606	9,978	9,503	21	99 415	11 108,840	111 427,808	10,031	9,555
22	99 098	9 976,094	99 478,893	9,972	9,496	22	99 393	10 005,801	100 318,968	10,026	9,551
23	99 043	8 982,416	89 502,798	9,964	9,489	23	99 371	9 012,164	90 313,167	10,021	9,546
24	98 988	8 087,809	80 520,383	9,956	9,480	24	99 348	8 117,220	81 301,003	10,016	9,540
25	98 931	7 282,117	72 432,574	9,947	9,471	25	99 325	7 311,148	73 183,784	10,010	9,534
26	98 872	6 556,578	65 150,457	9,937	9,461	26	99 303	6 585,152	65 872,636	10,003	9,528
27	98 812	5 903,219	58 593,879	9,926	9,450	27	99 277	5 930,984	59 287,484	9,996	9,521
28	98 749	5 314,849	52 690,660	9,914	9,438	28	99 251	5 341,850	53 356,500	9,988	9,513
29	98 688	4 785,186	47 375,810	9,901	9,425	29	99 225	4 811,227	48 014,650	9,980	9,504
30	98 625	4 308,204	42 590,625	9,886	9,410	30	99 198	4 333,237	43 203,422	9,970	9,495
31	98 559	3 878,687	38 282,420	9,870	9,394	31	99 171	3 902,746	38 870,185	9,960	9,484
32	98 486	3 491,722	34 403,733	9,853	9,377	32	99 138	3 514,841	34 967,440	9,949	9,473
33	98 413	3 143,348	30 912,011	9,834	9,359	33	99 104	3 165,427	31 452,599	9,936	9,461
34	98 341	2 829,788	27 768,663	9,813	9,337	34	99 068	2 850,704	28 287,172	9,923	9,447
35	98 262	2 547,299	24 938,875	9,790	9,315	35	99 028	2 567,159	25 436,468	9,908	9,433
36	98 177	2 292,877	22 391,577	9,766	9,290	36	98 986	2 311,771	22 869,309	9,893	9,417
37	98 087	2 063,771	20 098,699	9,739	9,263	37	98 939	2 081,705	20 557,538	9,875	9,400
38	97 990	1 857,417	18 034,928	9,710	9,234	38	98 887	1 874,422	18 475,833	9,857	9,381
39	97 885	1 671,547	16 177,511	9,678	9,203	39	98 829	1 687,673	16 601,411	9,837	9,361
40	97 770	1 504,130	14 505,964	9,644	9,169	40	98 760	1 519,357	14 913,738	9,816	9,340
41	97 636	1 353,225	13 001,834	9,608	9,132	41	98 689	1 367,814	13 394,381	9,793	9,317
42	97 491	1 217,311	11 648,609	9,569	9,094	42	98 607	1 231,241	12 026,566	9,768	9,292
43	97 334	1 094,908	10 431,298	9,527	9,052	43	98 514	1 108,177	10 795,325	9,742	9,266
44	97 147	984,507	9 336,390	9,483	9,008	44	98 410	997,304	9 687,148	9,713	9,238
45	96 940	885,055	8 351,883	9,437	8,961	45	98 299	897,456	8 689,844	9,683	9,207
46	96 707	795,425	7 466,828	9,387	8,912	46	98 166	807,425	7 792,388	9,651	9,175
47	96 440	714,625	6 671,403	9,336	8,860	47	98 013	726,282	6 984,963	9,617	9,142
48	96 142	641,815	5 956,778	9,281	8,806	48	97 843	653,173	6 258,681	9,582	9,106
49	95 802	576,170	5 314,963	9,225	8,749	49	97 662	587,353	5 605,508	9,544	9,068

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	517,050	4 738,793	9,165	8,690	50	97 458	528,040	5 018,155	9,503	9,028
51	95 022	463,821	4 221,743	9,102	8,627	51	97 230	474,600	4 490,115	9,461	8,985
52	94 565	415,851	3 757,922	9,037	8,561	52	96 988	426,503	4 015,514	9,415	8,939
53	94 068	372,670	3 342,071	8,968	8,492	53	96 719	383,172	3 589,011	9,367	8,891
54	93 528	333,812	2 969,401	8,895	8,420	54	96 425	344,151	3 205,839	9,315	8,840
55	92 929	298,805	2 635,589	8,820	8,345	55	96 118	309,058	2 861,688	9,259	8,784
56	92 288	267,336	2 336,785	8,741	8,265	56	95 772	277,429	2 552,630	9,201	8,725
57	91 600	239,049	2 069,448	8,657	8,181	57	95 409	248,988	2 275,200	9,138	8,662
58	90 871	213,645	1 830,399	8,567	8,092	58	95 015	223,388	2 026,212	9,070	8,595
59	90 067	190,771	1 616,754	8,475	7,999	59	94 582	200,333	1 802,824	8,999	8,524
60	89 203	170,216	1 425,983	8,377	7,902	60	94 130	179,618	1 602,491	8,922	8,446
61	88 257	151,722	1 255,767	8,277	7,801	61	93 615	160,933	1 422,874	8,841	8,366
62	87 265	135,150	1 104,046	8,169	7,694	62	93 083	144,160	1 261,941	8,754	8,278
63	86 192	120,260	968,896	8,057	7,581	63	92 499	129,059	1 117,780	8,661	8,185
64	85 060	106,919	848,636	7,937	7,462	64	91 882	115,494	988,721	8,561	8,085
65	83 838	94,939	741,717	7,813	7,337	65	91 221	103,300	873,227	8,453	7,978
66	82 531	84,198	646,778	7,682	7,206	66	90 515	92,343	769,927	8,338	7,862
67	81 155	74,589	562,581	7,542	7,067	67	89 771	82,508	677,584	8,212	7,737
68	79 692	65,986	487,991	7,395	6,920	68	88 961	73,661	595,076	8,079	7,603
69	78 126	58,279	422,005	7,241	6,766	69	88 090	65,711	521,415	7,935	7,459
70	76 437	51,368	363,727	7,081	6,605	70	87 123	58,550	455,704	7,783	7,308
71	74 634	45,186	312,359	6,913	6,437	71	86 082	52,117	397,154	7,620	7,145
72	72 706	39,657	267,173	6,737	6,262	72	84 934	46,326	345,037	7,448	6,972
73	70 591	34,687	227,516	6,559	6,084	73	83 620	41,089	298,711	7,270	6,794
74	68 328	30,248	192,829	6,375	5,899	74	82 170	36,376	257,621	7,082	6,607
75	65 861	26,267	162,581	6,190	5,714	75	80 582	32,138	221,245	6,884	6,409
76	63 245	22,724	136,314	5,999	5,523	76	78 787	28,308	189,108	6,680	6,205
77	60 452	19,568	113,590	5,805	5,329	77	76 790	24,856	160,800	6,469	5,994
78	57 448	16,753	94,022	5,612	5,137	78	74 566	21,745	135,944	6,252	5,776
79	54 252	14,253	77,269	5,421	4,946	79	72 086	18,938	114,199	6,030	5,555
80	50 965	12,062	63,017	5,224	4,749	80	69 379	16,421	95,261	5,801	5,326
81	47 504	10,129	50,954	5,030	4,555	81	66 370	14,152	78,840	5,571	5,096
82	43 948	8,442	40,825	4,836	4,360	82	63 085	12,118	64,689	5,338	4,863
83	40 329	6,979	32,383	4,640	4,164	83	59 498	10,297	52,570	5,106	4,630
84	36 688	5,720	25,404	4,441	3,966	84	55 633	8,674	42,274	4,874	4,398
85	33 009	4,636	19,684	4,246	3,770	85	51 517	7,236	33,600	4,644	4,168
86	29 285	3,706	15,047	4,061	3,585	86	47 123	5,963	26,364	4,421	3,946
87	25 606	2,919	11,342	3,885	3,410	87	42 568	4,853	20,401	4,204	3,729
88	21 973	2,257	8,423	3,732	3,257	88	37 687	3,871	15,549	4,017	3,542
89	18 659	1,726	6,166	3,572	3,096	89	32 959	3,049	11,678	3,830	3,354
90	15 592	1,300	4,439	3,416	2,940	90	28 352	2,363	8,629	3,651	3,176
91	12 944	0,972	3,140	3,230	2,754	91	24 151	1,814	6,265	3,455	2,979
92	10 431	0,706	2,168	3,072	2,596	92	19 969	1,351	4,452	3,295	2,820
93	8 165	0,498	1,462	2,938	2,463	93	16 195	0,987	3,101	3,141	2,666
94	6 252	0,343	0,964	2,809	2,334	94	12 845	0,705	2,114	2,997	2,521
95	4 671	0,231	0,621	2,688	2,213	95	9 950	0,492	1,408	2,862	2,386
96	3 400	0,152	0,390	2,575	2,099	96	7 517	0,335	0,916	2,735	2,259
97	2 407	0,097	0,239	2,468	1,993	97	5 533	0,222	0,581	2,617	2,141
98	1 656	0,060	0,142	2,368	1,893	98	3 962	0,143	0,359	2,506	2,030
99	1 106	0,036	0,082	2,275	1,800	99	2 756	0,090	0,216	2,403	1,927
100	715	0,021	0,046	2,188	1,713	100	1 861	0,055	0,126	2,306	1,831

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12) ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12) ä <sub>y</sub>
0	100 000	100 000,000	982 897,616	9,829	9,353	0	100 000	100 000,000	984 527,273	9,845	9,369
1	99 594	89 522,525	882 897,616	9,862	9,386	1	99 680	89 600,035	884 527,273	9,872	9,396
2	99 558	80 441,043	793 375,091	9,863	9,387	2	99 652	80 516,457	794 927,239	9,873	9,397
3	99 539	72 292,638	712 934,047	9,862	9,386	3	99 636	72 362,675	714 410,782	9,873	9,397
4	99 524	64 972,335	640 641,409	9,860	9,384	4	99 621	65 035,775	642 048,106	9,872	9,396
5	99 510	58 393,683	575 669,074	9,858	9,383	5	99 609	58 452,117	577 012,331	9,872	9,396
6	99 498	52 482,631	517 275,391	9,856	9,380	6	99 600	52 536,476	518 560,214	9,870	9,395
7	99 488	47 170,425	464 792,760	9,853	9,378	7	99 592	47 220,013	466 023,737	9,869	9,393
8	99 478	42 396,282	417 622,335	9,850	9,375	8	99 584	42 441,409	418 803,725	9,868	9,392
9	99 469	38 105,353	375 226,053	9,847	9,371	9	99 578	38 147,212	376 362,316	9,866	9,390
10	99 460	34 249,063	337 120,700	9,843	9,367	10	99 572	34 287,452	338 215,104	9,864	9,388
11	99 451	30 782,922	302 871,637	9,839	9,363	11	99 564	30 817,698	303 927,652	9,862	9,386
12	99 442	27 667,351	272 088,715	9,834	9,358	12	99 556	27 699,102	273 109,954	9,860	9,384
13	99 431	24 866,929	244 421,364	9,829	9,353	13	99 548	24 896,161	245 410,852	9,857	9,381
14	99 422	22 350,339	219 554,435	9,823	9,347	14	99 538	22 376,370	220 514,691	9,855	9,379
15	99 406	20 086,879	197 204,096	9,818	9,342	15	99 526	20 111,101	198 138,321	9,852	9,376
16	99 386	18 052,015	177 117,218	9,811	9,336	16	99 512	18 074,944	178 027,220	9,849	9,373
17	99 357	16 221,719	159 065,203	9,806	9,330	17	99 496	16 244,528	159 952,277	9,847	9,371
18	99 323	14 576,342	142 843,484	9,800	9,324	18	99 479	14 599,260	143 707,749	9,843	9,368
19	99 268	13 095,048	128 267,142	9,795	9,319	19	99 457	13 120,064	129 108,489	9,841	9,365
20	99 213	11 764,411	115 172,094	9,790	9,314	20	99 436	11 790,780	115 988,425	9,837	9,361
21	99 154	10 568,434	103 407,683	9,785	9,309	21	99 415	10 596,217	104 197,645	9,833	9,358
22	99 098	9 494,359	92 839,249	9,778	9,302	22	99 393	9 522,631	93 601,428	9,829	9,353
23	99 043	8 529,453	83 344,890	9,771	9,296	23	99 371	8 557,701	84 078,797	9,825	9,349
24	98 988	7 662,702	74 815,437	9,764	9,288	24	99 348	7 690,566	75 521,095	9,820	9,344
25	98 931	6 883,854	67 152,735	9,755	9,279	25	99 325	6 911,297	67 830,529	9,814	9,339
26	98 872	6 184,066	60 268,881	9,746	9,270	26	99 303	6 211,017	60 919,232	9,808	9,332
27	98 812	5 555,317	54 084,815	9,736	9,260	27	99 277	5 581,445	54 708,215	9,802	9,326
28	98 749	4 990,382	48 529,498	9,725	9,249	28	99 251	5 015,734	49 126,770	9,795	9,319
29	98 688	4 482,957	43 539,116	9,712	9,236	29	99 225	4 507,354	44 111,035	9,786	9,311
30	98 625	4 027,032	39 056,159	9,698	9,223	30	99 198	4 050,431	39 603,681	9,778	9,302
31	98 559	3 617,399	35 029,127	9,684	9,208	31	99 171	3 639,837	35 553,250	9,768	9,292
32	98 486	3 249,185	31 411,727	9,668	9,192	32	99 138	3 270,697	31 913,413	9,757	9,281
33	98 413	2 918,435	28 162,543	9,650	9,174	33	99 104	2 938,934	28 642,715	9,746	9,270
34	98 341	2 621,407	25 244,107	9,630	9,154	34	99 068	2 640,783	25 703,781	9,733	9,257
35	98 262	2 354,417	22 622,700	9,609	9,133	35	99 028	2 372,774	23 062,998	9,720	9,244
36	98 177	2 114,498	20 268,283	9,585	9,109	36	98 986	2 131,922	20 690,224	9,705	9,229
37	98 087	1 898,939	18 153,784	9,560	9,084	37	98 939	1 915,441	18 558,302	9,689	9,213
38	97 990	1 705,226	16 254,845	9,532	9,056	38	98 887	1 720,838	16 642,861	9,671	9,195
39	97 885	1 531,137	14 549,620	9,502	9,027	39	98 829	1 545,908	14 922,024	9,653	9,177
40	97 770	1 374,687	13 018,483	9,470	8,994	40	98 760	1 388,603	13 376,115	9,633	9,157
41	97 636	1 233,989	11 643,796	9,436	8,960	41	98 689	1 247,293	11 987,512	9,611	9,135
42	97 491	1 107,556	10 409,806	9,399	8,923	42	98 607	1 120,231	10 740,219	9,588	9,112
43	97 334	993,951	9 302,250	9,359	8,883	43	98 514	1 005,996	9 619,988	9,563	9,087
44	97 147	891,721	8 308,300	9,317	8,841	44	98 410	903,312	8 613,992	9,536	9,060
45	96 940	799,841	7 416,579	9,273	8,797	45	98 299	811,048	7 710,680	9,507	9,031
46	96 707	717,225	6 616,738	9,225	8,750	46	98 166	728,045	6 899,633	9,477	9,001
47	96 440	642,921	5 899,513	9,176	8,700	47	98 013	653,408	6 171,587	9,445	8,969
48	96 142	576,119	5 256,592	9,124	8,648	48	97 843	586,314	5 518,179	9,412	8,936
49	95 802	516,031	4 680,474	9,070	8,594	49	97 662	526,047	4 931,866	9,375	8,899



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,25%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	462,041	4 164,443	9,013	8,537	50	97 458	471,862	4 405,819	9,337	8,861
51	95 022	413,544	3 702,402	8,953	8,477	51	97 230	423,155	3 933,957	9,297	8,821
52	94 565	369,940	3 288,858	8,890	8,414	52	96 988	379,416	3 510,802	9,253	8,777
53	94 068	330,781	2 918,919	8,824	8,348	53	96 719	340,103	3 131,386	9,207	8,731
54	93 528	295,626	2 588,137	8,755	8,279	54	96 425	304,782	2 791,283	9,158	8,682
55	92 929	264,028	2 292,512	8,683	8,207	55	96 118	273,088	2 486,501	9,105	8,629
56	92 288	235,691	2 028,484	8,607	8,131	56	95 772	244,589	2 213,413	9,049	8,574
57	91 600	210,279	1 792,792	8,526	8,050	57	95 409	219,022	1 968,823	8,989	8,513
58	90 871	187,510	1 582,513	8,440	7,964	58	95 015	196,061	1 749,801	8,925	8,449
59	90 067	167,058	1 395,003	8,350	7,875	59	94 582	175,431	1 553,740	8,857	8,381
60	89 203	148,723	1 227,946	8,257	7,781	60	94 130	156,937	1 378,309	8,783	8,307
61	88 257	132,266	1 079,223	8,159	7,684	61	93 615	140,296	1 221,371	8,706	8,230
62	87 265	117,554	946,957	8,055	7,580	62	93 083	125,392	1 081,075	8,622	8,146
63	86 192	104,368	829,402	7,947	7,471	63	92 499	112,005	955,683	8,533	8,057
64	85 060	92,582	725,035	7,831	7,355	64	91 882	100,007	843,679	8,436	7,960
65	83 838	82,023	632,453	7,711	7,235	65	91 221	89,247	743,672	8,333	7,857
66	82 531	72,580	550,430	7,584	7,108	66	90 515	79,601	654,425	8,221	7,745
67	81 155	64,153	477,850	7,449	6,973	67	89 771	70,963	574,824	8,100	7,624
68	79 692	56,626	413,698	7,306	6,830	68	88 961	63,212	503,861	7,971	7,495
69	78 126	49,899	357,072	7,156	6,680	69	88 090	56,263	440,649	7,832	7,356
70	76 437	43,884	307,173	7,000	6,524	70	87 123	50,019	384,386	7,685	7,209
71	74 634	38,515	263,289	6,836	6,360	71	86 082	44,424	334,367	7,527	7,051
72	72 706	33,726	224,774	6,665	6,189	72	84 934	39,398	289,944	7,359	6,883
73	70 591	29,434	191,048	6,491	6,015	73	83 620	34,866	250,545	7,186	6,710
74	68 328	25,609	161,614	6,311	5,835	74	82 170	30,797	215,679	7,003	6,527
75	65 861	22,189	136,005	6,129	5,654	75	80 582	27,148	184,882	6,810	6,334
76	63 245	19,153	113,816	5,943	5,467	76	78 787	23,859	157,734	6,611	6,135
77	60 452	16,456	94,663	5,753	5,277	77	76 790	20,903	133,875	6,405	5,929
78	57 448	14,056	78,208	5,564	5,088	78	74 566	18,245	112,972	6,192	5,716
79	54 252	11,932	64,152	5,376	4,901	79	72 086	15,854	94,728	5,975	5,499
80	50 965	10,076	52,220	5,183	4,707	80	69 379	13,716	78,873	5,750	5,275
81	47 504	8,442	42,144	4,992	4,516	81	66 370	11,794	65,157	5,524	5,049
82	43 948	7,020	33,702	4,801	4,325	82	63 085	10,077	53,363	5,296	4,820
83	40 329	5,791	26,682	4,608	4,132	83	59 498	8,543	43,286	5,067	4,591
84	36 688	4,735	20,892	4,412	3,936	84	55 633	7,180	34,743	4,839	4,363
85	33 009	3,829	16,157	4,219	3,743	85	51 517	5,976	27,563	4,612	4,136
86	29 285	3,054	12,327	4,037	3,561	86	47 123	4,914	21,587	4,393	3,917
87	25 606	2,400	9,273	3,864	3,388	87	42 568	3,990	16,673	4,179	3,703
88	21 973	1,851	6,873	3,713	3,237	88	37 687	3,175	12,683	3,994	3,518
89	18 659	1,413	5,022	3,554	3,078	89	32 959	2,496	9,507	3,809	3,333
90	15 592	1,061	3,609	3,400	2,924	90	28 352	1,930	7,011	3,632	3,157
91	12 944	0,792	2,547	3,216	2,740	91	24 151	1,478	5,081	3,438	2,962
92	10 431	0,574	1,755	3,059	2,583	92	19 969	1,098	3,603	3,280	2,804
93	8 165	0,404	1,181	2,927	2,451	93	16 195	0,801	2,505	3,128	2,652
94	6 252	0,278	0,778	2,799	2,323	94	12 845	0,571	1,704	2,985	2,509
95	4 671	0,187	0,500	2,679	2,203	95	9 950	0,397	1,133	2,851	2,375
96	3 400	0,122	0,313	2,566	2,090	96	7 517	0,270	0,736	2,725	2,249
97	2 407	0,078	0,191	2,461	1,985	97	5 533	0,179	0,466	2,608	2,132
98	1 656	0,048	0,114	2,362	1,886	98	3 962	0,115	0,287	2,498	2,022
99	1 106	0,029	0,065	2,269	1,793	99	2 756	0,072	0,172	2,396	1,920
100	715	0,017	0,037	2,183	1,707	100	1 861	0,044	0,100	2,300	1,824

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
0	100 000	100 000,000	963 826,540	9,638	9,162	0	100 000	100 000,000	965 370,339	9,654	9,177
1	99 594	89 321,802	863 826,540	9,671	9,195	1	99 680	89 399,138	865 370,339	9,680	9,204
2	99 558	80 080,726	774 504,738	9,672	9,195	2	99 652	80 155,801	775 971,202	9,681	9,205
3	99 539	71 807,454	694 424,013	9,671	9,194	3	99 636	71 877,022	695 815,400	9,681	9,204
4	99 524	64 391,580	622 616,559	9,669	9,193	4	99 621	64 454,453	623 938,379	9,680	9,204
5	99 510	57 741,975	558 224,978	9,668	9,191	5	99 609	57 799,757	559 483,925	9,680	9,203
6	99 498	51 780,532	500 483,003	9,665	9,189	6	99 600	51 833,657	501 684,169	9,679	9,202
7	99 488	46 435,044	448 702,471	9,663	9,187	7	99 592	46 483,858	449 850,511	9,678	9,201
8	99 478	41 641,751	402 267,427	9,660	9,184	8	99 584	41 686,076	403 366,653	9,676	9,200
9	99 469	37 343,272	360 625,676	9,657	9,181	9	99 578	37 384,293	361 680,578	9,675	9,198
10	99 460	33 488,848	323 282,404	9,653	9,177	10	99 572	33 526,385	324 296,285	9,673	9,197
11	99 451	30 032,156	289 793,556	9,649	9,173	11	99 564	30 066,085	290 769,900	9,671	9,195
12	99 442	26 932,050	259 761,400	9,645	9,169	12	99 556	26 962,957	260 703,815	9,669	9,193
13	99 431	24 151,779	232 829,350	9,640	9,164	13	99 548	24 180,170	233 740,858	9,667	9,190
14	99 422	21 658,892	208 677,571	9,635	9,158	14	99 538	21 684,118	209 560,688	9,664	9,188
15	99 406	19 421,812	187 018,678	9,629	9,153	15	99 526	19 445,232	187 876,570	9,662	9,186
16	99 386	17 415,186	167 596,867	9,624	9,147	16	99 512	17 437,306	168 431,338	9,659	9,183
17	99 357	15 614,370	150 181,680	9,618	9,142	17	99 496	15 636,325	150 994,032	9,657	9,180
18	99 323	13 999,137	134 567,311	9,613	9,136	18	99 479	14 021,148	135 357,707	9,654	9,178
19	99 268	12 548,303	120 568,173	9,608	9,132	19	99 457	12 572,274	121 336,558	9,651	9,175
20	99 213	11 247,946	108 019,871	9,604	9,127	20	99 436	11 273,157	108 764,284	9,648	9,172
21	99 154	10 081,818	96 771,924	9,599	9,122	21	99 415	10 108,322	97 491,127	9,645	9,168
22	99 098	9 036,890	86 690,107	9,593	9,117	22	99 393	9 063,800	87 382,805	9,641	9,165
23	99 043	8 100,274	77 653,217	9,586	9,110	23	99 371	8 127,101	78 319,005	9,637	9,160
24	98 988	7 260,818	69 552,943	9,579	9,103	24	99 348	7 287,222	70 191,905	9,632	9,156
25	98 931	6 508,193	62 292,124	9,571	9,095	25	99 325	6 534,139	62 904,683	9,627	9,151
26	98 872	5 833,485	55 783,931	9,563	9,086	26	99 303	5 858,908	56 370,544	9,621	9,145
27	98 812	5 228,630	49 950,446	9,553	9,077	27	99 277	5 253,222	50 511,636	9,615	9,139
28	98 749	4 686,386	44 721,816	9,543	9,067	28	99 251	4 710,194	45 258,414	9,609	9,132
29	98 688	4 200,433	40 035,429	9,531	9,055	29	99 225	4 223,292	40 548,220	9,601	9,125
30	98 625	3 764,780	35 834,997	9,518	9,042	30	99 198	3 786,655	36 324,928	9,593	9,117
31	98 559	3 374,242	32 070,216	9,504	9,028	31	99 171	3 395,171	32 538,272	9,584	9,107
32	98 486	3 023,983	28 695,975	9,489	9,013	32	99 138	3 044,004	29 143,101	9,574	9,098
33	98 413	2 710,067	25 671,992	9,473	8,997	33	99 104	2 729,103	26 099,097	9,563	9,087
34	98 341	2 428,788	22 961,925	9,454	8,978	34	99 068	2 446,740	23 369,994	9,551	9,075
35	98 262	2 176,526	20 533,136	9,434	8,958	35	99 028	2 193,495	20 923,253	9,539	9,062
36	98 177	1 950,351	18 356,611	9,412	8,936	36	98 986	1 966,422	18 729,758	9,525	9,049
37	98 087	1 747,598	16 406,259	9,388	8,912	37	98 939	1 762,785	16 763,336	9,510	9,033
38	97 990	1 565,805	14 658,661	9,362	8,885	38	98 887	1 580,140	15 000,551	9,493	9,017
39	97 885	1 402,797	13 092,856	9,333	8,857	39	98 829	1 416,331	13 420,411	9,475	8,999
40	97 770	1 256,637	11 690,059	9,303	8,826	40	98 760	1 269,358	12 004,080	9,457	8,981
41	97 636	1 125,492	10 433,421	9,270	8,794	41	98 689	1 137,627	10 734,721	9,436	8,960
42	97 491	1 007,911	9 307,929	9,235	8,759	42	98 607	1 019,445	9 597,095	9,414	8,938
43	97 334	902,498	8 300,018	9,197	8,720	43	98 514	913,436	8 577,650	9,391	8,914
44	97 147	807,859	7 397,520	9,157	8,681	44	98 410	818,360	7 664,214	9,365	8,889
45	96 940	722,995	6 589,661	9,114	8,638	45	98 299	733,125	6 845,854	9,338	8,862
46	96 707	646,863	5 866,666	9,069	8,593	46	98 166	656,622	6 112,729	9,309	8,833
47	96 440	578,548	5 219,803	9,022	8,546	47	98 013	587,985	5 456,107	9,279	8,803
48	96 142	517,272	4 641,254	8,973	8,496	48	97 843	526,426	4 868,121	9,247	8,771
49	95 802	462,283	4 123,982	8,921	8,445	49	97 662	471,256	4 341,695	9,213	8,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,50%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	412,989	3 661,699	8,866	8,390	50	97 458	421,767	3 870,439	9,177	8,700
51	95 022	368,811	3 248,710	8,809	8,332	51	97 230	377,383	3 448,672	9,138	8,662
52	94 565	329,184	2 879,899	8,749	8,272	52	96 988	337,617	3 071,290	9,097	8,621
53	94 068	293,680	2 550,715	8,685	8,209	53	96 719	301,956	2 733,673	9,053	8,577
54	93 528	261,879	2 257,035	8,619	8,142	54	96 425	269,990	2 431,717	9,007	8,530
55	92 929	233,364	1 995,156	8,550	8,073	55	96 118	241,372	2 161,727	8,956	8,480
56	92 288	207,851	1 761,792	8,476	8,000	56	95 772	215,698	1 920,355	8,903	8,427
57	91 600	185,025	1 553,941	8,399	7,922	57	95 409	192,717	1 704,657	8,845	8,369
58	90 871	164,620	1 368,917	8,316	7,839	58	95 015	172,128	1 511,940	8,784	8,308
59	90 067	146,336	1 204,297	8,230	7,753	59	94 582	153,671	1 339,812	8,719	8,242
60	89 203	129,983	1 057,961	8,139	7,663	60	94 130	137,163	1 186,142	8,648	8,171
61	88 257	115,341	927,978	8,046	7,569	61	93 615	122,343	1 048,979	8,574	8,098
62	87 265	102,282	812,637	7,945	7,469	62	93 083	109,101	926,636	8,493	8,017
63	86 192	90,605	710,355	7,840	7,364	63	92 499	97,234	817,535	8,408	7,932
64	85 060	80,193	619,751	7,728	7,252	64	91 882	86,624	720,300	8,315	7,839
65	83 838	70,888	539,558	7,611	7,135	65	91 221	77,131	633,676	8,216	7,739
66	82 531	62,586	468,670	7,488	7,012	66	90 515	68,640	556,545	8,108	7,632
67	81 155	55,195	406,084	7,357	6,881	67	89 771	61,055	487,905	7,991	7,515
68	79 692	48,610	350,889	7,218	6,742	68	88 961	54,264	426,851	7,866	7,390
69	78 126	42,739	302,280	7,073	6,596	69	88 090	48,190	372,587	7,732	7,255
70	76 437	37,503	259,540	6,921	6,444	70	87 123	42,746	324,397	7,589	7,113
71	74 634	32,841	222,038	6,761	6,285	71	86 082	37,879	281,651	7,436	6,959
72	72 706	28,693	189,196	6,594	6,117	72	84 934	33,519	243,772	7,273	6,796
73	70 591	24,985	160,503	6,424	5,948	73	83 620	29,597	210,253	7,104	6,628
74	68 328	21,690	135,518	6,248	5,772	74	82 170	26,084	180,656	6,926	6,450
75	65 861	18,751	113,828	6,071	5,594	75	80 582	22,942	154,572	6,738	6,261
76	63 245	16,149	95,077	5,888	5,411	76	78 787	20,117	131,631	6,543	6,067
77	60 452	13,844	78,929	5,701	5,225	77	76 790	17,585	111,514	6,341	5,865
78	57 448	11,799	65,085	5,516	5,040	78	74 566	15,314	93,929	6,133	5,657
79	54 252	9,993	53,286	5,332	4,856	79	72 086	13,278	78,615	5,921	5,444
80	50 965	8,419	43,293	5,142	4,666	80	69 379	11,461	65,336	5,701	5,224
81	47 504	7,038	34,874	4,955	4,479	81	66 370	9,834	53,875	5,479	5,002
82	43 948	5,840	27,835	4,766	4,290	82	63 085	8,383	44,041	5,254	4,778
83	40 329	4,806	21,996	4,576	4,100	83	59 498	7,091	35,659	5,029	4,553
84	36 688	3,921	17,189	4,384	3,907	84	55 633	5,946	28,568	4,804	4,328
85	33 009	3,164	13,268	4,193	3,717	85	51 517	4,938	22,622	4,581	4,105
86	29 285	2,518	10,104	4,013	3,537	86	47 123	4,051	17,683	4,365	3,889
87	25 606	1,974	7,586	3,842	3,366	87	42 568	3,282	13,632	4,153	3,677
88	21 973	1,520	5,612	3,693	3,217	88	37 687	2,606	10,350	3,971	3,495
89	18 659	1,157	4,092	3,536	3,060	89	32 959	2,044	7,744	3,788	3,312
90	15 592	0,867	2,935	3,384	2,908	90	28 352	1,577	5,700	3,614	3,138
91	12 944	0,646	2,068	3,202	2,726	91	24 151	1,205	4,123	3,422	2,945
92	10 431	0,467	1,422	3,047	2,570	92	19 969	0,893	2,918	3,266	2,789
93	8 165	0,328	0,955	2,915	2,439	93	16 195	0,650	2,024	3,115	2,639
94	6 252	0,225	0,628	2,789	2,313	94	12 845	0,462	1,374	2,973	2,497
95	4 671	0,151	0,403	2,670	2,194	95	9 950	0,321	0,912	2,840	2,364
96	3 400	0,098	0,252	2,558	2,082	96	7 517	0,218	0,591	2,716	2,240
97	2 407	0,063	0,153	2,453	1,977	97	5 533	0,144	0,373	2,599	2,123
98	1 656	0,039	0,091	2,355	1,879	98	3 962	0,092	0,230	2,491	2,014
99	1 106	0,023	0,052	2,263	1,787	99	2 756	0,058	0,138	2,389	1,913
100	715	0,013	0,029	2,177	1,701	100	1 861	0,035	0,080	2,294	1,818

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12) ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12) ä <sub>y</sub>
0	100 000	100 000,000	945 555,509	9,456	8,979	0	100 000	100 000,000	947 021,327	9,470	8,994
1	99 594	89 121,977	845 555,509	9,488	9,011	1	99 680	89 199,140	847 021,327	9,496	9,019
2	99 558	79 722,823	756 433,532	9,488	9,012	2	99 652	79 797,564	757 822,187	9,497	9,020
3	99 539	71 326,602	676 710,709	9,487	9,011	3	99 636	71 395,704	678 024,623	9,497	9,020
4	99 524	63 817,300	605 384,106	9,486	9,010	4	99 621	63 879,612	606 628,920	9,496	9,020
5	99 510	57 098,975	541 566,806	9,485	9,008	5	99 609	57 156,113	542 749,307	9,496	9,019
6	99 498	51 089,367	484 467,832	9,483	9,006	6	99 600	51 141,783	485 593,194	9,495	9,018
7	99 488	45 712,735	433 378,464	9,480	9,004	7	99 592	45 760,790	434 451,411	9,494	9,017
8	99 478	40 902,294	387 665,729	9,478	9,001	8	99 584	40 945,832	388 690,621	9,493	9,016
9	99 469	36 598,087	346 763,435	9,475	8,998	9	99 578	36 638,290	347 744,789	9,491	9,015
10	99 460	32 747,154	310 165,348	9,472	8,995	10	99 572	32 783,860	311 106,499	9,490	9,013
11	99 451	29 301,321	277 418,193	9,468	8,991	11	99 564	29 334,424	278 322,639	9,488	9,011
12	99 442	26 217,872	248 116,872	9,464	8,987	12	99 556	26 247,959	248 988,215	9,486	9,009
13	99 431	23 458,730	221 899,000	9,459	8,982	13	99 548	23 486,306	222 740,256	9,484	9,007
14	99 422	20 990,314	198 440,270	9,454	8,977	14	99 538	21 014,761	199 253,950	9,482	9,005
15	99 406	18 780,181	177 449,956	9,449	8,972	15	99 526	18 802,828	178 239,189	9,479	9,003
16	99 386	16 802,175	158 669,775	9,443	8,967	16	99 512	16 823,516	159 436,361	9,477	9,000
17	99 357	15 031,045	141 867,600	9,438	8,962	17	99 496	15 052,180	142 612,845	9,475	8,998
18	99 323	13 446,006	126 836,556	9,433	8,956	18	99 479	13 467,148	127 560,666	9,472	8,995
19	99 268	12 025,534	113 390,549	9,429	8,953	19	99 457	12 048,507	114 093,518	9,470	8,993
20	99 213	10 755,236	101 365,015	9,425	8,948	20	99 436	10 779,343	102 045,011	9,467	8,990
21	99 154	9 618,623	90 609,779	9,420	8,944	21	99 415	9 643,909	91 265,669	9,464	8,987
22	99 098	8 602,415	80 991,157	9,415	8,938	22	99 393	8 628,031	81 621,760	9,460	8,983
23	99 043	7 693,579	72 388,742	9,409	8,932	23	99 371	7 719,059	72 993,729	9,456	8,980
24	98 988	6 880,843	64 695,163	9,402	8,926	24	99 348	6 905,864	65 274,670	9,452	8,975
25	98 931	6 153,806	57 814,320	9,395	8,918	25	99 325	6 178,339	58 368,806	9,447	8,971
26	98 872	5 503,498	51 660,514	9,387	8,910	26	99 303	5 527,483	52 190,467	9,442	8,965
27	98 812	4 921,823	46 157,016	9,378	8,901	27	99 277	4 944,972	46 662,984	9,436	8,960
28	98 749	4 401,528	41 235,193	9,368	8,892	28	99 251	4 423,889	41 718,011	9,430	8,954
29	98 688	3 936,287	36 833,665	9,357	8,881	29	99 225	3 957,709	37 294,123	9,423	8,947
30	98 625	3 520,138	32 897,378	9,345	8,869	30	99 198	3 540,592	33 336,414	9,415	8,939
31	98 559	3 147,919	29 377,239	9,332	8,856	31	99 171	3 167,445	29 795,822	9,407	8,930
32	98 486	2 814,842	26 229,320	9,318	8,842	32	99 138	2 833,479	26 628,377	9,398	8,921
33	98 413	2 516,994	23 414,478	9,303	8,826	33	99 104	2 534,673	23 794,898	9,388	8,911
34	98 341	2 250,708	20 897,484	9,285	8,808	34	99 068	2 267,343	21 260,225	9,377	8,900
35	98 262	2 012,429	18 646,777	9,266	8,789	35	99 028	2 028,119	18 992,881	9,365	8,888
36	98 177	1 799,273	16 634,348	9,245	8,768	36	98 986	1 814,098	16 964,762	9,352	8,875
37	98 087	1 608,619	14 835,075	9,222	8,746	37	98 939	1 622,597	15 150,664	9,337	8,861
38	97 990	1 438,058	13 226,457	9,197	8,721	38	98 887	1 451,224	13 528,066	9,322	8,845
39	97 885	1 285,467	11 788,399	9,171	8,694	39	98 829	1 297,869	12 076,843	9,305	8,828
40	97 770	1 148,956	10 502,932	9,141	8,665	40	98 760	1 160,587	10 778,974	9,288	8,811
41	97 636	1 026,747	9 353,976	9,110	8,634	41	98 689	1 037,816	9 618,387	9,268	8,791
42	97 491	917,424	8 327,229	9,077	8,600	42	98 607	927,923	8 580,571	9,247	8,770
43	97 334	819,637	7 409,805	9,040	8,564	43	98 514	829,571	7 652,648	9,225	8,748
44	97 147	732,046	6 590,167	9,002	8,526	44	98 410	741,562	6 823,077	9,201	8,724
45	96 940	653,680	5 858,121	8,962	8,485	45	98 299	662,839	6 081,515	9,175	8,698
46	96 707	583,539	5 204,441	8,919	8,442	46	98 166	592,343	5 418,676	9,148	8,671
47	96 440	520,744	4 620,902	8,874	8,397	47	98 013	529,238	4 826,334	9,119	8,643
48	96 142	464,549	4 100,158	8,826	8,349	48	97 843	472,769	4 297,095	9,089	8,613
49	95 802	414,236	3 635,609	8,777	8,300	49	97 662	422,276	3 824,326	9,056	8,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 11,75%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	369,237	3 221,373	8,724	8,248	50	97 458	377,085	3 402,050	9,022	8,545
51	95 022	329,002	2 852,136	8,669	8,192	51	97 230	336,648	3 024,965	8,986	8,509
52	94 565	292,995	2 523,135	8,612	8,135	52	96 988	300,501	2 688,317	8,946	8,469
53	94 068	260,809	2 230,140	8,551	8,074	53	96 719	268,159	2 387,816	8,904	8,428
54	93 528	232,047	1 969,330	8,487	8,010	54	96 425	239,234	2 119,657	8,860	8,384
55	92 929	206,318	1 737,283	8,420	7,944	55	96 118	213,398	1 880,423	8,812	8,335
56	92 288	183,351	1 530,965	8,350	7,873	56	95 772	190,273	1 667,025	8,761	8,285
57	91 600	162,850	1 347,614	8,275	7,799	57	95 409	169,621	1 476,752	8,706	8,230
58	90 871	144,567	1 184,764	8,195	7,719	58	95 015	151,160	1 307,131	8,647	8,171
59	90 067	128,222	1 040,198	8,112	7,636	59	94 582	134,649	1 155,971	8,585	8,108
60	89 203	113,639	911,976	8,025	7,549	60	94 130	119,916	1 021,322	8,517	8,040
61	88 257	100,612	798,337	7,935	7,458	61	93 615	106,720	901,407	8,446	7,970
62	87 265	89,021	697,724	7,838	7,361	62	93 033	94,956	794,686	8,369	7,892
63	86 192	78,682	608,703	7,736	7,260	63	92 499	84,439	699,730	8,287	7,810
64	85 060	69,484	530,022	7,628	7,151	64	91 882	75,057	615,291	8,198	7,721
65	83 838	61,284	460,538	7,515	7,038	65	91 221	66,681	540,235	8,102	7,625
66	82 531	53,986	399,254	7,396	6,919	66	90 515	59,208	473,553	7,998	7,521
67	81 155	47,504	345,268	7,268	6,792	67	89 771	52,547	414,345	7,885	7,409
68	79 692	41,743	297,764	7,133	6,657	68	88 961	46,598	361,798	7,764	7,288
69	78 126	36,620	256,021	6,991	6,515	69	88 090	41,290	315,200	7,634	7,157
70	76 437	32,061	219,401	6,843	6,367	70	87 123	36,543	273,910	7,495	7,019
71	74 634	28,013	187,340	6,688	6,211	71	86 082	32,310	237,366	7,346	6,870
72	72 706	24,420	159,327	6,524	6,048	72	84 934	28,527	205,056	7,188	6,711
73	70 591	21,217	134,907	6,359	5,882	73	83 620	25,133	176,529	7,024	6,547
74	68 328	18,377	113,691	6,186	5,710	74	82 170	22,100	151,396	6,850	6,374
75	65 861	15,851	95,313	6,013	5,536	75	80 582	19,394	129,296	6,667	6,190
76	63 245	13,621	79,462	5,834	5,357	76	78 787	16,968	109,902	6,477	6,000
77	60 452	11,651	65,841	5,651	5,175	77	76 790	14,799	92,934	6,280	5,803
78	57 448	9,908	54,190	5,470	4,993	78	74 566	12,860	78,134	6,076	5,599
79	54 252	8,373	44,282	5,289	4,812	79	72 086	11,125	65,274	5,867	5,391
80	50 965	7,038	35,910	5,102	4,625	80	69 379	9,581	54,149	5,652	5,175
81	47 504	5,871	28,871	4,918	4,441	81	66 370	8,202	44,568	5,434	4,957
82	43 948	4,860	23,001	4,733	4,256	82	63 085	6,976	36,366	5,213	4,736
83	40 329	3,991	18,141	4,545	4,069	83	59 498	5,888	29,390	4,992	4,515
84	36 688	3,249	14,150	4,355	3,879	84	55 633	4,926	23,502	4,771	4,294
85	33 009	2,616	10,901	4,168	3,691	85	51 517	4,082	18,575	4,550	4,074
86	29 285	2,077	8,285	3,990	3,513	86	47 123	3,341	14,493	4,337	3,861
87	25 606	1,625	6,209	3,821	3,344	87	42 568	2,701	11,152	4,128	3,652
88	21 973	1,248	4,584	3,674	3,197	88	37 687	2,140	8,450	3,949	3,472
89	18 659	0,948	3,336	3,519	3,042	89	32 959	1,675	6,310	3,768	3,291
90	15 592	0,709	2,388	3,368	2,892	90	28 352	1,289	4,636	3,596	3,119
91	12 944	0,527	1,679	3,188	2,711	91	24 151	0,983	3,347	3,406	2,929
92	10 431	0,380	1,152	3,034	2,558	92	19 969	0,727	2,364	3,251	2,775
93	8 165	0,266	0,773	2,904	2,428	93	16 195	0,528	1,637	3,102	2,625
94	6 252	0,182	0,507	2,779	2,302	94	12 845	0,375	1,109	2,962	2,485
95	4 671	0,122	0,324	2,661	2,184	95	9 950	0,260	0,735	2,830	2,353
96	3 400	0,079	0,202	2,550	2,073	96	7 517	0,176	0,475	2,707	2,230
97	2 407	0,050	0,123	2,446	1,969	97	5 533	0,116	0,300	2,591	2,114
98	1 656	0,031	0,073	2,349	1,872	98	3 962	0,074	0,184	2,483	2,006
99	1 106	0,019	0,042	2,257	1,781	99	2 756	0,046	0,110	2,382	1,906
100	715	0,011	0,023	2,172	1,695	100	1 861	0,028	0,064	2,288	1,811

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 12,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	(12) ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	(12) ä <sub>y</sub>
0	100 000	100 000,000	928 035,863	9,280	8,803	0	100 000	100 000,000	929 430,666	9,294	8,817
1	99 594	88 923,044	828 035,863	9,312	8,835	1	99 680	89 000,034	829 430,666	9,319	8,842
2	99 558	79 367,315	739 112,820	9,313	8,836	2	99 652	79 441,722	740 430,631	9,320	8,843
3	99 539	70 850,034	659 745,505	9,312	8,835	3	99 636	70 918,674	660 988,909	9,320	8,843
4	99 524	63 249,408	588 895,470	9,311	8,834	4	99 621	63 311,165	590 070,235	9,320	8,843
5	99 510	56 464,548	525 646,063	9,309	8,832	5	99 609	56 521,052	526 759,070	9,320	8,843
6	99 498	50 408,942	469 181,515	9,308	8,831	6	99 600	50 460,660	470 238,018	9,319	8,842
7	99 488	45 003,239	418 772,573	9,305	8,828	7	99 592	45 050,548	419 777,359	9,318	8,841
8	99 478	40 177,577	373 769,334	9,303	8,826	8	99 584	40 220,343	374 726,811	9,317	8,840
9	99 469	35 869,388	333 591,757	9,300	8,823	9	99 578	35 908,790	334 506,468	9,315	8,838
10	99 460	32 023,490	297 722,369	9,297	8,820	10	99 572	32 059,384	298 597,678	9,314	8,837
11	99 451	28 589,845	265 698,879	9,293	8,816	11	99 564	28 622,144	266 538,293	9,312	8,835
12	99 442	25 524,165	237 109,034	9,290	8,813	12	99 556	25 553,456	237 916,149	9,311	8,834
13	99 431	22 787,050	211 584,869	9,285	8,808	13	99 548	22 813,837	212 362,693	9,309	8,832
14	99 422	20 343,799	188 797,818	9,280	8,803	14	99 538	20 367,494	189 548,855	9,306	8,829
15	99 406	18 161,111	168 454,019	9,276	8,799	15	99 526	18 183,011	169 181,362	9,304	8,827
16	99 386	16 212,039	150 292,908	9,270	8,793	16	99 512	16 232,630	150 998,351	9,302	8,825
17	99 357	14 470,743	134 080,869	9,266	8,789	17	99 496	14 491,090	134 765,720	9,300	8,823
18	99 323	12 915,894	119 610,126	9,261	8,784	18	99 479	12 936,202	120 274,630	9,298	8,821
19	99 268	11 525,640	106 694,232	9,257	8,780	19	99 457	11 547,657	107 338,428	9,295	8,818
20	99 213	10 285,138	95 168,592	9,253	8,776	20	99 436	10 308,191	95 790,771	9,293	8,816
21	99 154	9 177,673	84 883,454	9,249	8,772	21	99 415	9 201,800	85 482,580	9,290	8,813
22	99 098	8 189,730	75 705,781	9,244	8,767	22	99 393	8 214,117	76 280,780	9,287	8,810
23	99 043	7 308,145	67 516,051	9,238	8,761	23	99 371	7 332,348	68 066,663	9,283	8,806
24	98 988	6 521,535	60 207,907	9,232	8,755	24	99 348	6 545,250	60 734,315	9,279	8,802
25	98 931	5 819,445	53 686,371	9,225	8,748	25	99 325	5 842,645	54 189,065	9,275	8,798
26	98 872	5 192,853	47 866,926	9,218	8,741	26	99 303	5 215,484	48 346,420	9,270	8,793
27	98 812	4 633,645	42 674,073	9,210	8,733	27	99 277	4 655,439	43 130,936	9,265	8,788
28	98 749	4 134,564	38 040,428	9,201	8,724	28	99 251	4 155,569	38 475,497	9,259	8,782
29	98 688	3 689,288	33 905,864	9,190	8,713	29	99 225	3 709,365	34 319,928	9,252	8,775
30	98 625	3 291,888	30 216,577	9,179	8,702	30	99 198	3 311,015	30 610,563	9,245	8,768
31	98 559	2 937,233	26 924,689	9,167	8,690	31	99 171	2 955,452	27 299,548	9,237	8,760
32	98 486	2 620,585	23 987,456	9,153	8,676	32	99 138	2 637,936	24 344,096	9,228	8,751
33	98 413	2 338,062	21 366,871	9,139	8,662	33	99 104	2 354,484	21 706,160	9,219	8,742
34	98 341	2 086,039	19 028,809	9,122	8,645	34	99 068	2 101,458	19 351,676	9,209	8,732
35	98 262	1 861,030	16 942,770	9,104	8,627	35	99 028	1 875,540	17 250,219	9,197	8,720
36	98 177	1 660,196	15 081,740	9,084	8,607	36	98 986	1 673,876	15 374,679	9,185	8,708
37	98 087	1 480,965	13 421,545	9,063	8,586	37	98 939	1 493,835	13 700,803	9,172	8,695
38	97 990	1 320,985	11 940,579	9,039	8,562	38	98 887	1 333,079	12 206,968	9,157	8,680
39	97 885	1 178,181	10 619,595	9,014	8,537	39	98 829	1 189,547	10 873,890	9,141	8,664
40	97 770	1 050,712	9 441,414	8,986	8,509	40	98 760	1 061,349	9 684,343	9,125	8,648
41	97 636	936,857	8 390,702	8,956	8,479	41	98 689	946,957	8 622,994	9,106	8,629
42	97 491	835,237	7 453,845	8,924	8,447	42	98 607	844,795	7 676,037	9,086	8,609
43	97 334	744,545	6 618,608	8,889	8,412	43	98 514	753,568	6 831,242	9,065	8,588
44	97 147	663,493	5 874,064	8,853	8,376	44	98 410	672,118	6 077,674	9,043	8,566
45	96 940	591,144	5 210,570	8,814	8,337	45	98 299	599,427	5 405,556	9,018	8,541
46	96 707	526,535	4 619,426	8,773	8,296	46	98 166	534,479	4 806,129	8,992	8,515
47	96 440	468,826	4 092,891	8,730	8,253	47	98 013	476,473	4 271,651	8,965	8,488
48	96 142	417,299	3 624,066	8,685	8,208	48	97 843	424,684	3 795,178	8,936	8,459
49	95 802	371,273	3 206,766	8,637	8,160	49	97 662	378,480	3 370,494	8,905	8,428

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2007/2009

Zinsfuß 12,00%

x	l <sub>x</sub>	D <sub>x</sub>	N <sub>x</sub>	ä <sub>x</sub>	<sup>(12)</sup> ä <sub>x</sub>	y	l <sub>y</sub>	D <sub>y</sub>	N <sub>y</sub>	ä <sub>y</sub>	<sup>(12)</sup> ä <sub>y</sub>
50	95 429	330,203	2 835,493	8,587	8,110	50	97 458	337,221	2 992,014	8,873	8,396
51	95 022	293,564	2 505,291	8,534	8,057	51	97 230	300,387	2 654,793	8,838	8,361
52	94 565	260,853	2 211,726	8,479	8,002	52	96 988	267,535	2 354,406	8,800	8,323
53	94 068	231,679	1 950,874	8,421	7,944	53	96 719	238,208	2 086,872	8,761	8,284
54	93 528	205,669	1 719,195	8,359	7,882	54	96 425	212,040	1 848,663	8,718	8,241
55	92 929	182,457	1 513,525	8,295	7,818	55	96 118	188,718	1 636,624	8,672	8,195
56	92 288	161,784	1 331,069	8,227	7,750	56	95 772	167,892	1 447,906	8,624	8,147
57	91 600	143,374	1 169,285	8,155	7,678	57	95 409	149,335	1 280,014	8,571	8,094
58	90 871	126,993	1 025,911	8,078	7,601	58	95 015	132,785	1 130,679	8,515	8,038
59	90 067	112,384	898,918	7,999	7,522	59	94 582	118,017	997,895	8,456	7,979
60	89 203	99,380	786,534	7,914	7,437	60	94 130	104,869	879,878	8,390	7,913
61	88 257	87,791	687,154	7,827	7,350	61	93 615	93,121	775,009	8,323	7,846
62	87 265	77,504	599,363	7,733	7,256	62	93 038	82,671	681,888	8,248	7,771
63	86 192	68,349	521,859	7,635	7,158	63	92 499	73,350	599,217	8,169	7,692
64	85 060	60,224	453,510	7,530	7,053	64	91 882	65,055	525,867	8,083	7,606
65	83 838	52,999	393,286	7,421	6,944	65	91 221	57,666	460,812	7,991	7,514
66	82 531	46,583	340,287	7,305	6,828	66	90 515	51,089	403,146	7,891	7,414
67	81 155	40,899	293,704	7,181	6,704	67	89 771	45,240	352,057	7,782	7,305
68	79 692	35,858	252,806	7,050	6,573	68	88 961	40,029	306,816	7,665	7,188
69	78 126	31,387	216,947	6,912	6,435	69	88 090	35,390	266,787	7,538	7,061
70	76 437	27,418	185,560	6,768	6,291	70	87 123	31,252	231,397	7,404	6,927
71	74 634	23,903	158,142	6,616	6,139	71	86 082	27,570	200,146	7,260	6,783
72	72 706	20,791	134,239	6,457	5,980	72	84 934	24,288	172,576	7,106	6,629
73	70 591	18,023	113,448	6,295	5,818	73	83 620	21,350	148,288	6,946	6,469
74	68 328	15,576	95,425	6,126	5,649	74	82 170	18,732	126,938	6,777	6,300
75	65 861	13,405	79,848	5,956	5,479	75	80 582	16,402	108,207	6,597	6,120
76	63 245	11,494	66,443	5,781	5,304	76	78 787	14,318	91,805	6,412	5,935
77	60 452	9,809	54,949	5,602	5,125	77	76 790	12,460	77,487	6,219	5,742
78	57 448	8,323	45,140	5,424	4,947	78	74 566	10,803	65,027	6,019	5,542
79	54 252	7,018	36,817	5,246	4,769	79	72 086	9,325	54,224	5,815	5,338
80	50 965	5,886	29,800	5,063	4,586	80	69 379	8,013	44,900	5,603	5,126
81	47 504	4,899	23,914	4,882	4,405	81	66 370	6,844	36,887	5,390	4,913
82	43 948	4,046	19,015	4,699	4,222	82	63 085	5,808	30,043	5,172	4,695
83	40 329	3,315	14,969	4,515	4,038	83	59 498	4,891	24,235	4,955	4,478
84	36 688	2,693	11,653	4,328	3,851	84	55 633	4,083	19,344	4,737	4,260
85	33 009	2,163	8,961	4,142	3,665	85	51 517	3,376	15,260	4,520	4,043
86	29 285	1,714	6,797	3,967	3,490	86	47 123	2,757	11,884	4,310	3,833
87	25 606	1,338	5,084	3,800	3,323	87	42 568	2,224	9,127	4,104	3,627
88	21 973	1,025	3,746	3,655	3,178	88	37 687	1,758	6,903	3,927	3,450
89	18 659	0,777	2,721	3,502	3,025	89	32 959	1,373	5,145	3,748	3,271
90	15 592	0,580	1,944	3,353	2,876	90	28 352	1,054	3,772	3,578	3,101
91	12 944	0,430	1,364	3,174	2,697	91	24 151	0,802	2,718	3,390	2,913
92	10 431	0,309	0,934	3,022	2,545	92	19 969	0,592	1,916	3,237	2,760
93	8 165	0,216	0,625	2,893	2,416	93	16 195	0,429	1,324	3,089	2,612
94	6 252	0,148	0,409	2,769	2,292	94	12 845	0,304	0,895	2,950	2,473
95	4 671	0,099	0,261	2,652	2,175	95	9 950	0,210	0,592	2,820	2,343
96	3 400	0,064	0,163	2,542	2,065	96	7 517	0,142	0,382	2,697	2,220
97	2 407	0,040	0,099	2,439	1,962	97	5 533	0,093	0,240	2,583	2,106
98	1 656	0,025	0,058	2,342	1,865	98	3 962	0,060	0,147	2,476	1,999
99	1 106	0,015	0,033	2,252	1,775	99	2 756	0,037	0,088	2,375	1,898
100	715	0,009	0,019	2,167	1,690	100	1 861	0,022	0,051	2,282	1,805

**Kommutationszahlen und Versicherungsbarwerte  
einer lebenslänglich, jährlich und monatlich  
vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere* Leben**



## Notation

$x$	Alter des Mannes
$y$	Alter der Frau
$l_{xy}$	Lebende gemäß Sterbetafel
$D_{xy}$	Diskontierte Zahl der Lebenden
$N_{xy}$	Erste Summe der diskontierten Zahlen der Lebenden
$\ddot{a}_{xy}$	Barwert der sofort beginnenden und lebenslänglich, <i>jährlich</i> vorschüssig zahlbaren Verbindungsrente „1“ auf das <i>kürzere Leben</i>
$^{(12)}\ddot{a}_{xy}$	Barwert der sofort beginnenden und lebenslänglich, <i>monatlich</i> vorschüssig zahlbaren Verbindungsrente „1“ auf das <i>kürzere Leben</i>

Hinweis: zur Berechnung der Verbindungsrente auf das *längere Leben* (bis zum Tod der letztversterbenden Person) siehe Abschnitt 3.6 in den Erläuterungen - bei Weiterzahlung der Leibrente in *voller Höhe* errechnet sich der Barwert der Verbindungsrente auf das *längere Leben* wie folgt:

$$\ddot{a}_x + \ddot{a}_y - \ddot{a}_{xy} \text{ (jährlich vorschüssig)}$$

$$^{(12)}\ddot{a}_x + ^{(12)}\ddot{a}_y - ^{(12)}\ddot{a}_{xy} \text{ (monatlich vorschüssig)}$$

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	5 155 351,467	51,554	51,094	50	50	93 003	56 549,503	1 275 470,766	22,555	22,095
1	1	99 275	98 292,225	5 055 351,467	51,432	50,972	51	51	92 389	55 620,165	1 218 921,263	21,915	21,455
2	2	99 212	97 256,734	4 957 059,242	50,969	50,509	52	52	91 717	54 668,573	1 163 301,098	21,279	20,819
3	3	99 177	96 259,740	4 859 802,508	50,486	50,026	53	53	90 982	53 693,425	1 108 632,526	20,647	20,187
4	4	99 147	95 278,620	4 763 542,768	49,996	49,536	54	54	90 185	52 696,157	1 054 939,101	20,019	19,559
5	5	99 121	94 310,370	4 668 264,148	49,499	49,039	55	55	89 321	51 674,902	1 002 242,944	19,395	18,935
6	6	99 101	93 357,354	4 573 953,778	48,994	48,534	56	56	88 386	50 627,527	950 568,043	18,776	18,316
7	7	99 082	92 415,868	4 480 596,425	48,483	48,023	57	57	87 395	49 564,159	899 940,516	18,157	17,697
8	8	99 064	91 484,367	4 388 180,556	47,966	47,506	58	58	86 341	48 481,705	850 376,357	17,540	17,080
9	9	99 049	90 564,247	4 296 696,189	47,444	46,984	59	59	85 187	47 360,297	801 894,651	16,932	16,472
10	10	99 034	89 654,182	4 206 131,942	46,915	46,455	60	60	83 967	46 219,441	754 534,354	16,325	15,865
11	11	99 017	88 751,430	4 116 477,759	46,382	45,922	61	61	82 622	45 029,039	708 314,913	15,730	15,270
12	12	99 000	87 857,180	4 027 726,330	45,844	45,384	62	62	81 229	43 831,369	663 285,874	15,133	14,673
13	13	98 982	86 971,544	3 939 869,149	45,301	44,841	63	63	79 727	42 594,905	619 454,505	14,543	14,083
14	14	98 963	86 094,431	3 852 897,605	44,752	44,292	64	64	78 155	41 341,743	576 859,600	13,953	13,493
15	15	98 935	85 217,402	3 766 803,175	44,202	43,742	65	65	76 477	40 053,801	535 517,857	13,370	12,910
16	16	98 902	84 345,377	3 681 585,773	43,649	43,189	66	66	74 702	38 736,860	495 464,057	12,791	12,331
17	17	98 856	83 472,090	3 597 240,396	43,095	42,635	67	67	72 853	37 403,966	456 727,196	12,211	11,751
18	18	98 805	82 602,912	3 513 768,306	42,538	42,078	68	68	70 895	36 037,986	419 323,231	11,636	11,176
19	19	98 729	81 721,756	3 431 165,394	41,986	41,526	69	69	68 821	34 637,322	383 285,244	11,066	10,606
20	20	98 654	80 851,116	3 349 443,638	41,427	40,967	70	70	66 595	33 185,033	348 647,922	10,506	10,046
21	21	98 574	79 985,908	3 268 592,522	40,865	40,405	71	71	64 247	31 698,104	315 462,889	9,952	9,492
22	22	98 497	79 132,201	3 188 606,614	40,295	39,835	72	72	61 752	30 165,547	283 764,785	9,407	8,947
23	23	98 419	78 286,637	3 109 474,413	39,719	39,259	73	73	59 028	28 549,267	253 599,238	8,883	8,423
24	24	98 342	77 451,211	3 031 187,775	39,137	38,677	74	74	56 145	26 886,121	225 049,971	8,370	7,911
25	25	98 263	76 622,764	2 953 736,564	38,549	38,089	75	75	53 072	25 163,236	198 163,850	7,875	7,415
26	26	98 183	75 802,265	2 877 113,800	37,956	37,496	76	76	49 829	23 391,457	173 000,614	7,396	6,936
27	27	98 097	74 985,874	2 801 311,535	37,358	36,898	77	77	46 421	21 575,945	149 609,157	6,934	6,474
28	28	98 010	74 177,296	2 726 325,661	36,754	36,294	78	78	42 837	19 712,868	128 033,212	6,495	6,035
29	29	97 924	73 378,292	2 652 148,365	36,144	35,684	79	79	39 108	17 818,813	108 320,345	6,079	5,619
30	30	97 833	72 584,895	2 578 770,073	35,528	35,068	80	80	35 359	15 951,205	90 501,532	5,674	5,214
31	31	97 742	71 798,783	2 506 185,178	34,906	34,446	81	81	31 529	14 082,354	74 550,327	5,294	4,834
32	32	97 637	71 012,052	2 434 386,395	34,281	33,821	82	82	27 725	12 260,641	60 467,972	4,932	4,472
33	33	97 531	70 232,140	2 363 374,344	33,651	33,191	83	83	23 995	10 506,195	48 207,331	4,588	4,128
34	34	97 425	69 461,132	2 293 142,204	33,013	32,553	84	84	20 410	8 848,199	37 701,137	4,261	3,801
35	35	97 306	68 689,944	2 223 681,072	32,373	31,913	85	85	17 005	7 298,918	28 852,937	3,953	3,493
36	36	97 181	67 922,024	2 154 991,128	31,727	31,267	86	86	13 800	5 864,628	21 554,020	3,675	3,215
37	37	97 047	67 156,853	2 087 069,104	31,078	30,618	87	87	10 900	4 586,388	15 689,391	3,421	2,961
38	38	96 900	66 391,275	2 019 912,251	30,424	29,964	88	88	8 281	3 449,899	11 103,004	3,218	2,758
39	39	96 738	65 624,451	1 953 520,976	29,768	29,308	89	89	6 150	2 536,601	7 653,105	3,017	2,557
40	40	96 557	64 852,792	1 887 896,525	29,110	28,651	90	90	4 421	1 805,416	5 116,504	2,834	2,374
41	41	96 357	64 077,435	1 823 043,734	28,451	27,991	91	91	3 126	1 264,055	3 311,088	2,619	2,159
42	42	96 134	63 296,125	1 758 966,299	27,789	27,329	92	92	2 083	833,867	2 047,034	2,455	1,995
43	43	95 888	62 509,183	1 695 670,174	27,127	26,667	93	93	1 322	524,124	1 213,166	2,315	1,855
44	44	95 602	61 706,057	1 633 160,992	26,467	26,007	94	94	803	315,187	689,043	2,186	1,726
45	45	95 291	60 896,149	1 571 454,935	25,805	25,346	95	95	465	180,591	373,856	2,070	1,610
46	46	94 933	60 066,524	1 510 558,786	25,148	24,688	96	96	256	98,326	193,265	1,966	1,506
47	47	94 524	59 216,013	1 450 492,261	24,495	24,035	97	97	133	50,739	94,938	1,871	1,411
48	48	94 068	58 346,925	1 391 276,249	23,845	23,385	98	98	66	24,750	44,199	1,786	1,326
49	49	93 563	57 458,558	1 332 929,324	23,198	22,738	99	99	30	11,382	19,449	1,709	1,249
							100	100	13	4,922	8,068	1,639	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	5 136 423,970	51,529	51,069	50	51	92 786	56 417,377	1 258 371,948	22,305	21,845
1	2	99 247	98 264,277	5 036 743,932	51,257	50,797	51	52	92 159	55 481,627	1 201 954,571	21,664	21,204
2	3	99 196	97 241,055	4 938 479,654	50,786	50,326	52	53	91 463	54 517,095	1 146 472,944	21,030	20,570
3	4	99 162	96 245,938	4 841 238,599	50,301	49,841	53	54	90 705	53 530,241	1 091 955,850	20,399	19,939
4	5	99 135	95 267,201	4 744 992,661	49,807	49,347	54	55	89 897	52 528,259	1 038 425,609	19,769	19,309
5	6	99 112	94 301,838	4 649 725,461	49,307	48,847	55	56	89 000	51 488,999	985 897,350	19,148	18,688
6	7	99 093	93 349,868	4 555 423,622	48,799	48,339	56	57	88 051	50 435,502	934 408,351	18,527	18,067
7	8	99 074	92 408,148	4 462 073,754	48,287	47,827	57	58	87 034	49 359,644	883 972,849	17,909	17,449
8	9	99 058	91 478,685	4 369 665,606	47,767	47,307	58	59	85 947	48 260,646	834 613,205	17,294	16,834
9	10	99 042	90 558,498	4 278 186,921	47,242	46,782	59	60	84 780	47 133,993	786 352,559	16,683	16,223
10	11	99 026	89 646,960	4 187 628,423	46,712	46,252	60	61	83 508	45 966,719	739 218,566	16,082	15,622
11	12	99 009	88 744,381	4 097 981,464	46,177	45,717	61	62	82 152	44 773,027	693 251,847	15,484	15,024
12	13	98 992	87 850,446	4 009 237,083	45,637	45,177	62	63	80 719	43 556,337	648 478,820	14,888	14,428
13	14	98 972	86 962,989	3 921 386,637	45,093	44,633	63	64	79 195	42 310,855	604 922,483	14,297	13,837
14	15	98 951	86 083,772	3 834 423,649	44,543	44,083	64	65	77 593	41 044,255	562 611,628	13,707	13,247
15	16	98 921	85 205,850	3 748 339,876	43,992	43,532	65	66	75 885	39 743,687	521 567,372	13,123	12,663
16	17	98 886	84 331,817	3 663 134,026	43,437	42,977	66	67	74 088	38 418,453	481 823,686	12,541	12,081
17	18	98 839	83 457,438	3 578 802,209	42,882	42,422	67	68	72 196	37 066,596	443 405,233	11,962	11,502
18	19	98 784	82 584,869	3 495 344,772	42,324	41,864	68	69	70 200	35 684,989	406 338,637	11,387	10,927
19	20	98 708	81 704,181	3 412 759,903	41,770	41,310	69	70	68 066	34 257,432	370 653,648	10,820	10,360
20	21	98 633	80 834,057	3 331 055,722	41,209	40,749	70	71	65 799	32 788,531	336 396,216	10,260	9,800
21	22	98 553	79 968,619	3 250 221,664	40,644	40,184	71	72	63 389	31 275,157	303 607,685	9,708	9,248
22	23	98 474	79 114,017	3 170 253,045	40,072	39,612	72	73	60 796	29 698,731	272 332,528	9,170	8,710
23	24	98 397	78 268,830	3 091 139,028	39,494	39,034	73	74	58 004	28 054,353	242 633,798	8,649	8,189
24	25	98 320	77 433,603	3 012 870,197	38,909	38,449	74	75	55 060	26 366,572	214 579,444	8,138	7,678
25	26	98 242	76 605,689	2 935 436,595	38,319	37,859	75	76	51 890	24 602,570	188 212,872	7,650	7,190
26	27	98 157	75 782,014	2 858 830,906	37,724	37,264	76	77	48 566	22 798,538	163 610,302	7,176	6,716
27	28	98 072	74 966,517	2 783 048,892	37,124	36,664	77	78	45 077	20 951,229	140 811,765	6,721	6,261
28	29	97 984	74 158,030	2 708 082,374	36,518	36,058	78	79	41 412	19 057,255	119 860,536	6,289	5,830
29	30	97 896	73 357,939	2 633 924,344	35,905	35,445	79	80	37 640	17 149,705	100 803,281	5,878	5,418
30	31	97 807	72 564,975	2 560 566,405	35,287	34,827	80	81	33 826	15 259,350	83 653,576	5,482	5,022
31	32	97 710	71 775,374	2 488 001,430	34,664	34,204	81	82	29 968	13 385,337	68 394,225	5,110	4,650
32	33	97 604	70 987,457	2 416 226,055	34,037	33,577	82	83	26 148	11 563,405	55 008,888	4,757	4,297
33	34	97 495	70 206,730	2 345 238,598	33,405	32,945	83	84	22 436	9 823,722	43 445,483	4,423	3,963
34	35	97 385	69 432,943	2 275 031,868	32,766	32,306	84	85	18 900	8 193,558	33 621,761	4,103	3,643
35	36	97 265	68 660,671	2 205 598,925	32,123	31,663	85	86	15 555	6 676,354	25 428,203	3,809	3,349
36	37	97 135	67 890,351	2 136 938,253	31,476	31,016	86	87	12 466	5 297,820	18 751,850	3,540	3,080
37	38	96 996	67 121,481	2 069 047,902	30,825	30,365	87	88	9 650	4 060,505	13 454,029	3,313	2,853
38	39	96 843	66 352,133	2 001 926,421	30,171	29,711	88	89	7 242	3 017,067	9 393,524	3,113	2,653
39	40	96 670	65 578,300	1 935 574,288	29,515	29,055	89	90	5 290	2 182,063	6 376,457	2,922	2,462
40	41	96 488	64 806,565	1 869 995,989	28,855	28,395	90	91	3 766	1 537,860	4 194,393	2,727	2,267
41	42	96 277	64 024,188	1 805 189,424	28,195	27,735	91	92	2 585	1 045,191	2 656,534	2,542	2,082
42	43	96 043	63 236,250	1 741 165,236	27,534	27,074	92	93	1 689	676,280	1 611,343	2,383	1,923
43	44	95 786	62 443,201	1 677 928,986	26,871	26,411	93	94	1 049	415,691	935,063	2,249	1,789
44	45	95 494	61 636,278	1 615 485,785	26,210	25,750	94	95	622	244,146	519,371	2,127	1,667
45	46	95 162	60 813,783	1 553 849,507	25,551	25,091	95	96	351	136,446	275,225	2,017	1,557
46	47	94 785	59 973,366	1 493 035,723	24,895	24,435	96	97	188	72,369	138,779	1,918	1,458
47	48	94 360	59 113,248	1 433 062,357	24,243	23,783	97	98	95	36,332	66,410	1,828	1,368
48	49	93 894	58 238,810	1 373 949,109	23,592	23,132	98	99	46	17,219	30,078	1,747	1,287
49	50	93 367	57 338,350	1 315 710,299	22,946	22,486	99	100	21	7,684	12,859	1,674	1,214

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	5 116 494,169	51,344	50,884	50	52	92 555	56 276,853	1 240 102,371	22,036	21,576
1	3	99 231	98 248,435	5 016 842,472	51,063	50,603	51	53	91 904	55 327,896	1 183 825,518	21,397	20,937
2	4	99 181	97 227,112	4 918 594,037	50,589	50,129	52	54	91 185	54 351,407	1 128 497,621	20,763	20,303
3	5	99 150	96 234,403	4 821 366,925	50,100	49,640	53	55	90 416	53 359,685	1 074 146,214	20,130	19,670
4	6	99 126	95 258,583	4 725 132,522	49,603	49,143	54	56	89 574	52 339,286	1 020 786,529	19,503	19,043
5	7	99 104	94 294,278	4 629 873,939	49,100	48,640	55	57	88 662	51 293,707	968 447,242	18,880	18,420
6	8	99 084	93 342,070	4 535 579,662	48,591	48,131	56	58	87 687	50 227,391	917 153,535	18,260	17,800
7	9	99 068	92 402,408	4 442 237,592	48,075	47,615	57	59	86 637	49 134,581	866 926,144	17,644	17,184
8	10	99 052	91 472,877	4 349 835,184	47,553	47,093	58	60	85 537	48 030,039	817 791,563	17,027	16,567
9	11	99 035	90 551,203	4 258 362,307	47,027	46,567	59	61	84 317	46 876,270	769 761,523	16,421	15,961
10	12	99 018	89 639,840	4 167 811,104	46,495	46,035	60	62	83 033	45 705,377	722 885,253	15,816	15,356
11	13	99 002	88 737,578	4 078 171,264	45,958	45,498	61	63	81 637	44 492,087	677 179,876	15,220	14,760
12	14	98 982	87 841,804	3 989 433,686	45,416	44,956	62	64	80 181	43 265,875	632 687,790	14,623	14,163
13	15	98 960	86 952,223	3 901 591,882	44,871	44,411	63	65	78 625	42 006,394	589 421,914	14,032	13,572
14	16	98 938	86 072,103	3 814 639,659	44,319	43,859	64	66	76 992	40 726,473	547 415,520	13,441	12,981
15	17	98 905	85 192,152	3 728 567,556	43,767	43,307	65	67	75 262	39 417,003	506 689,047	12,855	12,395
16	18	98 868	84 317,014	3 643 375,404	43,210	42,750	66	68	73 420	38 071,932	467 272,044	12,273	11,813
17	19	98 817	83 439,207	3 559 058,390	42,655	42,195	67	69	71 489	36 703,523	429 200,111	11,694	11,234
18	20	98 762	82 567,108	3 475 619,183	42,094	41,634	68	70	69 430	35 293,608	392 496,588	11,121	10,661
19	21	98 687	81 686,943	3 393 052,075	41,537	41,077	69	71	67 253	33 848,117	357 202,980	10,553	10,093
20	22	98 612	80 816,585	3 311 365,132	40,974	40,514	70	72	64 921	32 351,034	323 354,863	9,995	9,535
21	23	98 530	79 950,243	3 230 548,547	40,407	39,947	71	73	62 408	30 791,169	291 003,829	9,451	8,991
22	24	98 452	79 096,022	3 150 598,304	39,833	39,373	72	74	59 742	29 183,891	260 212,660	8,916	8,456
23	25	98 374	78 251,036	3 071 502,281	39,252	38,792	73	75	56 883	27 512,229	231 028,769	8,397	7,937
24	26	98 298	77 416,347	2 993 251,246	38,664	38,204	74	76	53 833	25 779,094	203 516,540	7,895	7,435
25	27	98 215	76 585,223	2 915 834,899	38,073	37,613	75	77	50 575	23 978,952	177 737,446	7,412	6,952
26	28	98 132	75 762,452	2 839 249,675	37,476	37,016	76	78	47 160	22 138,422	153 758,494	6,945	6,485
27	29	98 046	74 947,046	2 763 487,223	36,873	36,413	77	79	43 578	20 254,431	131 620,072	6,498	6,038
28	30	97 957	74 137,461	2 688 540,177	36,264	35,804	78	80	39 857	18 341,643	111 365,641	6,072	5,612
29	31	97 870	73 337,807	2 614 402,716	35,649	35,189	79	81	36 007	16 405,868	93 023,998	5,670	5,210
30	32	97 775	72 541,317	2 541 064,909	35,029	34,569	80	82	32 151	14 504,077	76 618,130	5,283	4,823
31	33	97 676	71 750,516	2 468 523,592	34,404	33,944	81	83	28 264	12 624,142	62 114,053	4,920	4,460
32	34	97 568	70 961,775	2 396 773,076	33,776	33,316	82	84	24 449	10 812,257	49 489,911	4,577	4,117
33	35	97 456	70 178,239	2 325 811,302	33,141	32,682	83	85	20 776	9 096,906	38 677,654	4,252	3,792
34	36	97 344	69 403,354	2 255 633,062	32,500	32,040	84	86	17 288	7 494,685	29 580,748	3,947	3,487
35	37	97 220	68 628,654	2 186 229,709	31,856	31,396	85	87	14 051	6 031,093	22 086,063	3,662	3,202
36	38	97 084	67 854,593	2 117 601,055	31,208	30,748	86	88	11 037	4 690,364	16 054,970	3,423	2,963
37	39	96 938	67 081,908	2 049 746,462	30,556	30,096	87	89	8 440	3 551,066	11 364,606	3,200	2,740
38	40	96 775	66 305,470	1 982 664,553	29,902	29,442	88	90	6 230	2 595,376	7 813,540	3,011	2,551
39	41	96 602	65 531,556	1 916 359,083	29,243	28,783	89	91	4 506	1 858,689	5 218,164	2,807	2,347
40	42	96 408	64 752,712	1 850 827,528	28,583	28,123	90	92	3 114	1 271,588	3 359,475	2,642	2,182
41	43	96 185	63 963,624	1 786 074,815	27,923	27,463	91	93	2 096	847,667	2 087,887	2,463	2,003
42	44	95 941	63 169,501	1 722 111,191	27,262	26,802	92	94	1 340	536,369	1 240,220	2,312	1,852
43	45	95 678	62 372,589	1 658 941,690	26,597	26,137	93	95	812	321,998	703,850	2,186	1,726
44	46	95 365	61 552,911	1 596 569,101	25,938	25,478	94	96	470	184,465	381,852	2,070	1,610
45	47	95 014	60 719,466	1 535 016,190	25,280	24,820	95	97	258	100,425	197,387	1,966	1,506
46	48	94 621	59 869,288	1 474 296,724	24,625	24,165	96	98	135	51,820	96,962	1,871	1,411
47	49	94 185	59 003,714	1 414 427,436	23,972	23,512	97	99	66	25,277	45,142	1,786	1,326
48	50	93 698	58 116,970	1 355 423,723	23,322	22,862	98	100	31	11,624	19,866	1,709	1,249
49	51	93 149	57 204,382	1 297 306,752	22,678	22,218							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	5 095 234,351	51,139	50,679	50	53	92 298	56 120,919	1 220 635,893	21,750	21,290
1	4	99 217	98 234,348	4 995 598,720	50,854	50,394	51	54	91 625	55 159,745	1 164 514,974	21,112	20,652
2	5	99 169	97 215,459	4 897 364,372	50,376	49,916	52	55	90 894	54 178,236	1 109 355,229	20,476	20,016
3	6	99 141	96 225,698	4 800 148,913	49,884	49,424	53	56	90 091	53 167,722	1 055 176,994	19,846	19,386
4	7	99 119	95 250,945	4 703 923,215	49,385	48,925	54	57	89 234	52 140,769	1 002 009,272	19,217	18,757
5	8	99 096	94 286,400	4 608 672,270	48,880	48,420	55	58	88 297	51 082,055	949 868,503	18,595	18,135
6	9	99 078	93 336,272	4 514 385,870	48,367	47,907	56	59	87 288	49 998,372	898 786,448	17,976	17,516
7	10	99 062	92 396,542	4 421 049,598	47,849	47,389	57	60	86 223	48 899,799	848 788,076	17,358	16,898
8	11	99 044	91 465,508	4 328 653,056	47,326	46,866	58	61	85 069	47 767,417	799 888,277	16,745	16,285
9	12	99 027	90 544,011	4 237 187,548	46,797	46,337	59	62	83 837	46 609,757	752 120,860	16,137	15,677
10	13	99 011	89 632,969	4 146 643,537	46,262	45,803	60	63	82 512	45 418,586	705 511,103	15,534	15,074
11	14	98 992	88 728,849	4 057 010,568	45,724	45,264	61	64	81 093	44 195,385	660 092,517	14,936	14,476
12	15	98 970	87 830,929	3 968 281,719	45,181	44,721	62	65	79 604	42 954,542	615 897,132	14,338	13,878
13	16	98 946	86 940,436	3 880 450,789	44,633	44,173	63	66	78 016	41 681,163	572 942,590	13,746	13,286
14	17	98 922	86 058,266	3 793 510,354	44,081	43,621	64	67	76 359	40 391,711	531 261,428	13,153	12,693
15	18	98 888	85 177,197	3 707 452,088	43,526	43,066	65	68	74 583	39 061,476	490 869,716	12,567	12,107
16	19	98 847	84 298,596	3 622 274,891	42,970	42,510	66	69	72 701	37 699,013	451 808,240	11,985	11,525
17	20	98 796	83 421,263	3 537 976,295	42,411	41,951	67	70	70 705	36 300,972	414 109,228	11,408	10,948
18	21	98 742	82 549,688	3 454 555,032	41,848	41,388	68	71	68 601	34 871,913	377 808,256	10,834	10,374
19	22	98 665	81 669,286	3 372 005,344	41,289	40,829	69	72	66 355	33 396,482	342 936,343	10,269	9,809
20	23	98 589	80 798,014	3 290 336,058	40,723	40,263	70	73	63 916	31 850,397	309 539,862	9,719	9,259
21	24	98 508	79 932,058	3 209 538,044	40,153	39,693	71	74	61 327	30 257,392	277 689,465	9,178	8,718
22	25	98 430	79 078,040	3 129 605,986	39,576	39,116	72	75	58 588	28 619,939	247 432,073	8,645	8,185
23	26	98 352	78 233,598	3 050 527,946	38,993	38,533	73	76	55 616	26 899,225	218 812,134	8,135	7,675
24	27	98 272	77 395,665	2 972 294,348	38,404	37,944	74	77	52 469	25 125,654	191 912,909	7,638	7,178
25	28	98 190	76 565,454	2 894 898,684	37,809	37,349	75	78	49 110	23 284,659	166 787,255	7,163	6,703
26	29	98 106	75 742,774	2 818 333,229	37,209	36,749	76	79	45 591	21 402,140	143 502,597	6,705	6,245
27	30	98 019	74 926,259	2 742 590,455	36,604	36,144	77	80	41 941	19 493,864	122 100,456	6,264	5,804
28	31	97 930	74 117,115	2 667 664,196	35,993	35,533	78	81	38 128	17 546,107	102 606,592	5,848	5,388
29	32	97 838	73 313,897	2 593 547,081	35,376	34,916	79	82	34 225	15 593,846	85 060,485	5,455	4,995
30	33	97 741	72 516,193	2 520 233,184	34,754	34,294	80	83	30 323	13 679,262	69 466,639	5,078	4,618
31	34	97 641	71 724,557	2 447 716,992	34,127	33,667	81	84	26 428	11 804,090	55 787,377	4,726	4,266
32	35	97 529	70 932,977	2 375 992,435	33,496	33,036	82	85	22 641	10 012,303	43 983,287	4,393	3,933
33	36	97 414	70 148,332	2 305 059,458	32,860	32,400	83	86	19 004	8 320,981	33 970,984	4,083	3,623
34	37	97 298	69 370,990	2 234 911,126	32,217	31,757	84	87	15 617	6 770,334	25 650,003	3,789	3,329
35	38	97 168	68 592,507	2 165 540,136	31,571	31,111	85	88	12 440	5 339,559	18 879,668	3,536	3,076
36	39	97 027	67 814,588	2 096 947,629	30,922	30,462	86	89	9 652	4 101,901	13 540,109	3,301	2,841
37	40	96 870	67 034,732	2 029 133,040	30,270	29,810	87	90	7 260	3 054,738	9 438,208	3,090	2,630
38	41	96 706	66 258,208	1 962 098,308	29,613	29,153	88	91	5 307	2 210,750	6 383,470	2,887	2,427
39	42	96 521	65 477,101	1 895 840,100	28,954	28,494	89	92	3 726	1 536,868	4 172,720	2,715	2,255
40	43	96 317	64 691,460	1 830 363,000	28,294	27,834	90	93	2 525	1 031,279	2 635,852	2,556	2,096
41	44	96 084	63 896,107	1 765 671,540	27,633	27,173	91	94	1 663	672,299	1 604,573	2,387	1,927
42	45	95 833	63 098,067	1 701 775,433	26,970	26,510	92	95	1 038	415,476	932,274	2,244	1,784
43	46	95 549	62 288,226	1 638 677,365	26,308	25,848	93	96	614	243,286	516,798	2,124	1,664
44	47	95 217	61 457,448	1 576 389,139	25,650	25,190	94	97	346	135,768	273,511	2,015	1,555
45	48	94 850	60 614,093	1 514 931,692	24,993	24,533	95	98	185	71,909	137,743	1,916	1,456
46	49	94 446	59 758,352	1 454 317,599	24,337	23,877	96	99	94	36,052	65,834	1,826	1,366
47	50	93 988	58 880,274	1 394 559,247	23,685	23,225	97	100	45	17,064	29,782	1,745	1,285
48	51	93 479	57 981,182	1 335 678,973	23,036	22,576							
49	52	92 917	57 061,898	1 277 697,791	22,391	21,931							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	5 072 602,864	50,919	50,459	50	54	92 018	55 950,357	1 199 960,472	21,447	20,987
1	5	99 205	98 222,575	4 972 981,520	50,630	50,170	51	55	91 333	54 983,997	1 144 010,115	20,806	20,346
2	6	99 161	97 206,665	4 874 758,945	50,148	49,688	52	56	90 567	53 983,327	1 089 026,117	20,173	19,713
3	7	99 133	96 217,983	4 777 552,280	49,653	49,193	53	57	89 749	52 966,062	1 035 042,790	19,542	19,082
4	8	99 110	95 242,988	4 681 334,297	49,151	48,692	54	58	88 866	51 925,622	982 076,727	18,913	18,453
5	9	99 090	94 280,544	4 586 091,309	48,643	48,183	55	59	87 894	50 849,139	930 151,106	18,292	17,832
6	10	99 072	93 330,347	4 491 810,766	48,128	47,668	56	60	86 871	49 759,462	879 301,967	17,671	17,211
7	11	99 054	92 389,099	4 398 480,419	47,608	47,148	57	61	85 752	48 632,421	829 542,504	17,057	16,597
8	12	99 036	91 458,244	4 306 091,321	47,083	46,623	58	62	84 585	47 495,837	780 910,083	16,442	15,982
9	13	99 019	90 537,070	4 214 633,077	46,551	46,091	59	63	83 311	46 317,291	733 414,247	15,835	15,375
10	14	99 001	89 624,151	4 124 096,006	46,015	45,555	60	64	81 962	45 115,706	687 096,956	15,230	14,770
11	15	98 980	88 717,865	4 034 471,855	45,475	45,015	61	65	80 509	43 877,363	641 981,250	14,631	14,171
12	16	98 957	87 819,023	3 945 753,990	44,931	44,471	62	66	78 988	42 621,969	598 103,887	14,033	13,573
13	17	98 930	86 926,459	3 857 934,967	44,382	43,922	63	67	77 375	41 338,553	555 481,917	13,437	12,977
14	18	98 904	86 043,159	3 771 008,508	43,827	43,367	64	68	75 670	40 027,393	514 143,364	12,845	12,385
15	19	98 866	85 158,591	3 684 965,349	43,272	42,812	65	69	73 852	38 678,864	474 115,971	12,258	11,798
16	20	98 825	84 280,467	3 599 806,758	42,712	42,252	66	70	71 904	37 285,543	435 437,108	11,678	11,218
17	21	98 775	83 403,662	3 515 526,290	42,151	41,691	67	71	69 860	35 867,240	398 151,565	11,101	10,641
18	22	98 720	82 531,845	3 432 122,628	41,585	41,125	68	72	67 685	34 406,617	362 284,325	10,529	10,070
19	23	98 643	81 650,519	3 349 590,783	41,024	40,564	69	73	65 328	32 879,666	327 877,708	9,972	9,512
20	24	98 567	80 779,636	3 267 940,264	40,455	39,995	70	74	62 808	31 298,257	294 998,042	9,425	8,965
21	25	98 485	79 913,885	3 187 160,628	39,882	39,422	71	75	60 142	29 672,696	263 699,785	8,887	8,427
22	26	98 408	79 060,418	3 107 246,743	39,302	38,842	72	76	57 282	27 982,254	234 027,089	8,363	7,903
23	27	98 326	78 212,697	3 028 186,326	38,717	38,257	73	77	54 206	26 217,392	206 044,835	7,859	7,399
24	28	98 247	77 375,686	2 949 973,628	38,125	37,665	74	78	50 949	24 398,159	179 827,444	7,371	6,911
25	29	98 164	76 545,568	2 872 597,942	37,528	37,068	75	79	47 477	22 510,255	155 429,285	6,905	6,445
26	30	98 079	75 721,766	2 796 052,374	36,925	36,465	76	80	43 879	20 598,476	132 919,030	6,453	5,993
27	31	97 992	74 905,696	2 720 330,608	36,317	35,857	77	81	40 122	18 648,353	112 320,554	6,023	5,563
28	32	97 898	74 092,951	2 645 424,912	35,704	35,244	78	82	36 241	16 677,649	93 672,201	5,617	5,157
29	33	97 804	73 288,505	2 571 331,961	35,085	34,625	79	83	32 279	14 707,058	76 994,552	5,235	4,775
30	34	97 706	72 489,957	2 498 043,456	34,461	34,001	80	84	28 353	12 790,669	62 287,493	4,870	4,410
31	35	97 601	71 695,449	2 425 553,499	33,831	33,371	81	85	24 473	10 930,754	49 496,824	4,528	4,068
32	36	97 487	70 902,748	2 353 858,050	33,198	32,738	82	86	20 709	9 158,300	38 566,069	4,211	3,751
33	37	97 369	70 115,621	2 282 955,301	32,560	32,100	83	87	17 167	7 516,770	29 407,770	3,912	3,452
34	38	97 247	69 334,452	2 212 839,680	31,915	31,455	84	88	13 827	5 994,037	21 890,999	3,652	3,192
35	39	97 111	68 552,067	2 143 505,228	31,268	30,808	85	89	10 879	4 669,647	15 896,962	3,404	2,944
36	40	96 959	67 766,897	2 074 953,161	30,619	30,159	86	90	8 303	3 528,584	11 227,315	3,182	2,722
37	41	96 801	66 986,950	2 007 186,264	29,964	29,504	87	91	6 184	2 602,036	7 698,731	2,959	2,499
38	42	96 625	66 203,149	1 940 199,314	29,307	28,847	88	92	4 388	1 827,971	5 096,695	2,788	2,328
39	43	96 430	65 415,163	1 873 996,165	28,648	28,188	89	93	3 022	1 246,425	3 268,724	2,622	2,162
40	44	96 215	64 623,175	1 808 581,003	27,987	27,527	90	94	2 003	817,725	2 022,298	2,472	2,012
41	45	95 975	63 823,852	1 743 957,828	27,325	26,865	91	95	1 288	520,769	1 204,373	2,313	1,853
42	46	95 703	63 012,723	1 680 133,976	26,663	26,203	92	96	784	313,914	683,604	2,178	1,718
43	47	95 401	62 191,623	1 617 121,252	26,002	25,542	93	97	452	179,061	369,691	2,065	1,605
44	48	95 052	61 350,793	1 554 929,630	25,345	24,885	94	98	248	97,216	190,630	1,961	1,501
45	49	94 674	60 501,777	1 493 578,837	24,687	24,227	95	99	129	50,029	93,414	1,867	1,407
46	50	94 248	59 633,333	1 433 077,059	24,031	23,571	96	100	63	24,338	43,385	1,783	1,323
47	51	93 769	58 742,702	1 373 443,726	23,381	22,921							
48	52	93 246	57 836,763	1 314 701,024	22,731	22,271							
49	53	92 659	56 903,788	1 256 864,261	22,088	21,628							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	5 048 575,287	50,684	50,224	50	55	91 725	55 772,091	1 178 070,223	21,123	20,663
1	6	99 196	98 213,690	4 948 965,882	50,390	49,930	51	56	91 004	54 786,191	1 122 298,131	20,485	20,025
2	7	99 153	97 198,872	4 850 752,192	49,905	49,445	52	57	90 224	53 778,575	1 067 511,941	19,850	19,390
3	8	99 125	96 209,944	4 753 553,320	49,408	48,948	53	58	89 379	52 747,510	1 013 733,366	19,219	18,759
4	9	99 104	95 237,072	4 657 343,376	48,903	48,443	54	59	88 461	51 688,859	960 985,857	18,592	18,132
5	10	99 084	94 274,558	4 562 106,304	48,392	47,932	55	60	87 474	50 606,164	909 296,997	17,968	17,508
6	11	99 064	93 322,828	4 467 831,746	47,875	47,415	56	61	86 396	49 487,384	858 690,833	17,352	16,892
7	12	99 046	92 381,761	4 374 508,918	47,353	46,893	57	62	85 264	48 355,923	809 203,450	16,734	16,274
8	13	99 029	91 451,233	4 282 127,157	46,824	46,364	58	63	84 055	47 197,811	760 847,527	16,120	15,660
9	14	99 009	90 528,164	4 190 675,924	46,291	45,831	59	64	82 756	46 008,417	713 649,716	15,511	15,051
10	15	98 989	89 613,056	4 100 147,759	45,754	45,294	60	65	81 372	44 791,062	667 641,298	14,906	14,446
11	16	98 966	88 705,838	4 010 534,703	45,212	44,752	61	66	79 886	43 537,646	622 850,237	14,306	13,846
12	17	98 941	87 804,905	3 921 828,865	44,665	44,205	62	67	78 338	42 271,627	579 312,591	13,705	13,245
13	18	98 913	86 911,200	3 834 023,960	44,114	43,654	63	68	76 677	40 965,695	537 040,964	13,110	12,650
14	19	98 883	86 024,364	3 747 112,760	43,559	43,099	64	69	74 929	39 635,319	496 075,269	12,516	12,056
15	20	98 845	85 140,278	3 661 088,396	43,001	42,541	65	70	73 042	38 254,647	456 439,950	11,932	11,472
16	21	98 805	84 262,685	3 575 948,118	42,438	41,978	66	71	71 045	36 840,047	418 185,303	11,351	10,891
17	22	98 754	83 385,635	3 491 685,433	41,874	41,414	67	72	68 928	35 388,663	381 345,256	10,776	10,316
18	23	98 698	82 512,879	3 408 299,798	41,306	40,846	68	73	66 638	33 874,170	345 956,593	10,213	9,753
19	24	98 620	81 631,947	3 325 786,919	40,741	40,281	69	74	64 196	32 309,684	312 082,424	9,659	9,199
20	25	98 544	80 761,270	3 244 154,972	40,170	39,710	70	75	61 594	30 693,448	279 772,740	9,115	8,655
21	26	98 463	79 896,077	3 163 393,701	39,594	39,134	71	76	58 802	29 011,553	249 079,292	8,586	8,126
22	27	98 381	79 039,296	3 083 497,624	39,012	38,552	72	77	55 830	27 272,969	220 067,739	8,069	7,609
23	28	98 301	78 192,508	3 004 458,328	38,424	37,964	73	78	52 637	25 458,286	192 794,770	7,573	7,113
24	29	98 221	77 355,589	2 926 265,820	37,829	37,369	74	79	49 255	23 586,722	167 336,484	7,095	6,635
25	30	98 137	76 524,337	2 848 910,231	37,229	36,769	75	80	45 694	21 664,981	143 749,762	6,635	6,175
26	31	98 052	75 700,985	2 772 385,894	36,623	36,163	76	81	41 976	19 705,055	122 084,781	6,196	5,736
27	32	97 960	74 881,275	2 696 684,909	36,013	35,553	77	82	38 136	17 725,338	102 379,727	5,776	5,316
28	33	97 864	74 067,289	2 621 803,634	35,398	34,938	78	83	34 180	15 729,228	84 654,389	5,382	4,922
29	34	97 768	73 261,990	2 547 736,345	34,776	34,316	79	84	30 182	13 751,701	68 925,161	5,012	4,552
30	35	97 666	72 460,539	2 474 474,355	34,149	33,689	80	85	26 256	11 844,341	55 173,460	4,658	4,198
31	36	97 559	71 664,896	2 402 013,816	33,517	33,057	81	86	22 385	9 998,411	43 329,118	4,334	3,874
32	37	97 442	70 869,685	2 330 348,920	32,882	32,422	82	87	18 708	8 273,163	33 330,707	4,029	3,569
33	38	97 318	70 078,691	2 259 479,235	32,242	31,782	83	88	15 199	6 654,886	25 057,544	3,765	3,305
34	39	97 190	69 293,575	2 189 400,543	31,596	31,136	84	89	12 092	5 242,013	18 402,658	3,511	3,051
35	40	97 043	68 503,857	2 120 106,969	30,949	30,489	85	90	9 359	4 016,976	13 160,645	3,276	2,816
36	41	96 890	67 718,593	2 051 603,112	30,296	29,836	86	91	7 073	3 005,660	9 143,669	3,042	2,582
37	42	96 721	66 931,286	1 983 884,519	29,641	29,181	87	92	5 113	2 151,509	6 138,009	2,853	2,393
38	43	96 534	66 140,524	1 916 953,233	28,983	28,523	88	93	3 559	1 482,515	3 986,500	2,689	2,229
39	44	96 328	65 346,114	1 850 812,709	28,323	27,863	89	94	2 397	988,561	2 503,985	2,533	2,073
40	45	96 106	64 550,097	1 785 466,595	27,660	27,200	90	95	1 551	633,572	1 515,424	2,392	1,932
41	46	95 845	63 737,526	1 720 916,498	27,000	26,540	91	96	973	393,468	881,852	2,241	1,781
42	47	95 555	62 914,996	1 657 178,972	26,340	25,880	92	97	577	231,044	488,385	2,114	1,654
43	48	95 235	62 083,694	1 594 263,976	25,679	25,219	93	98	323	128,216	257,341	2,007	1,547
44	49	94 876	61 237,113	1 532 180,282	25,020	24,560	94	99	172	67,635	129,125	1,909	1,449
45	50	94 476	60 375,203	1 470 943,169	24,363	23,903	95	100	87	33,774	61,490	1,821	1,361
46	51	94 028	59 494,002	1 410 567,966	23,709	23,249							
47	52	93 535	58 596,387	1 351 073,964	23,057	22,597							
48	53	92 988	57 676,507	1 292 477,577	22,409	21,949							
49	54	92 378	56 730,847	1 234 801,070	21,766	21,306							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	5 023 133,738	50,433	49,973	50	56	91 395	55 571,449	1 154 959,564	20,783	20,323
1	7	99 188	98 205,815	4 923 533,343	50,135	49,675	51	57	90 659	54 578,392	1 099 388,115	20,143	19,683
2	8	99 144	97 190,751	4 825 327,528	49,648	49,188	52	58	89 851	53 556,669	1 044 809,723	19,508	19,049
3	9	99 119	96 203,969	4 728 136,777	49,147	48,687	53	59	88 971	52 507,000	991 253,054	18,878	18,419
4	10	99 098	95 231,026	4 631 932,808	48,639	48,179	54	60	88 038	51 441,872	938 746,054	18,249	17,789
5	11	99 076	94 266,964	4 536 701,782	48,126	47,666	55	61	86 996	50 329,456	887 304,182	17,630	17,170
6	12	99 056	93 315,416	4 442 434,819	47,607	47,147	56	62	85 904	49 206,025	836 974,726	17,010	16,550
7	13	99 038	92 374,679	4 349 119,403	47,081	46,621	57	63	84 729	48 052,500	787 768,702	16,394	15,934
8	14	99 019	91 442,237	4 256 744,723	46,551	46,091	58	64	83 494	46 883,066	739 716,202	15,778	15,318
9	15	98 997	90 516,957	4 165 302,486	46,017	45,557	59	65	82 160	45 677,349	692 833,136	15,168	14,708
10	16	98 975	89 600,908	4 074 785,529	45,477	45,017	60	66	80 742	44 444,270	647 155,786	14,561	14,101
11	17	98 950	88 691,578	3 985 184,620	44,933	44,473	61	67	79 229	43 179,777	602 711,516	13,958	13,498
12	18	98 923	87 789,492	3 896 493,043	44,385	43,925	62	68	77 632	41 890,353	559 531,740	13,357	12,897
13	19	98 891	86 892,215	3 808 703,551	43,833	43,373	63	69	75 926	40 564,430	517 641,387	12,761	12,301
14	20	98 862	86 005,864	3 721 811,335	43,274	42,814	64	70	74 107	39 200,612	477 076,957	12,170	11,710
15	21	98 824	85 122,314	3 635 805,471	42,713	42,253	65	71	72 169	37 797,572	437 876,345	11,585	11,125
16	22	98 783	84 244,472	3 550 683,157	42,147	41,687	66	72	70 097	36 348,490	400 078,773	11,007	10,547
17	23	98 731	83 366,473	3 466 438,685	41,581	41,121	67	73	67 861	34 841,019	363 730,282	10,440	9,980
18	24	98 675	82 494,111	3 383 072,212	41,010	40,550	68	74	65 483	33 286,947	328 889,264	9,880	9,420
19	25	98 598	81 613,388	3 300 578,101	40,442	39,982	69	75	62 955	31 685,329	295 602,317	9,329	8,869
20	26	98 522	80 743,273	3 218 964,713	39,867	39,407	70	76	60 222	30 009,562	263 916,987	8,794	8,334
21	27	98 437	79 874,732	3 138 221,440	39,289	38,829	71	77	57 311	28 276,178	233 907,426	8,272	7,812
22	28	98 356	79 018,893	3 058 346,708	38,704	38,244	72	78	54 214	26 483,300	205 631,248	7,765	7,305
23	29	98 275	78 172,199	2 979 327,814	38,112	37,652	73	79	50 886	24 611,592	179 147,948	7,279	6,819
24	30	98 194	77 334,134	2 901 155,615	37,515	37,055	74	80	47 405	22 701,026	154 536,357	6,807	6,347
25	31	98 110	76 503,336	2 823 821,481	36,911	36,451	75	81	43 712	20 725,301	131 835,331	6,361	5,901
26	32	98 020	75 676,305	2 747 318,146	36,304	35,844	76	82	39 898	18 729,738	111 110,030	5,932	5,472
27	33	97 926	74 855,340	2 671 641,841	35,691	35,231	77	83	35 968	16 717,337	92 380,292	5,526	5,066
28	34	97 829	74 040,492	2 596 786,501	35,073	34,613	78	84	31 960	14 707,471	75 662,955	5,145	4,685
29	35	97 729	73 232,259	2 522 746,009	34,449	33,989	79	85	27 949	12 734,271	60 955,484	4,787	4,327
30	36	97 624	72 429,660	2 449 513,750	33,819	33,359	80	86	24 016	10 834,073	48 221,213	4,451	3,991
31	37	97 514	71 631,478	2 377 084,090	33,185	32,725	81	87	20 222	9 032,079	37 387,140	4,139	3,679
32	38	97 390	70 832,358	2 305 452,613	32,548	32,088	82	88	16 563	7 324,549	28 355,061	3,871	3,411
33	39	97 260	70 037,375	2 234 620,255	31,906	31,446	83	89	13 292	5 819,950	21 030,512	3,614	3,154
34	40	97 121	69 244,843	2 164 582,880	31,260	30,800	84	90	10 402	4 509,344	15 210,561	3,373	2,913
35	41	96 974	68 455,028	2 095 338,037	30,609	30,149	85	91	7 972	3 421,674	10 701,218	3,127	2,667
36	42	96 809	67 662,321	2 026 883,009	29,956	29,496	86	92	5 848	2 485,247	7 279,544	2,929	2,469
37	43	96 629	66 867,972	1 959 220,688	29,300	28,840	87	93	4 147	1 744,910	4 794,296	2,748	2,288
38	44	96 432	66 070,709	1 892 352,716	28,641	28,181	88	94	2 822	1 175,808	3 049,387	2,593	2,133
39	45	96 219	65 272,219	1 826 282,006	27,979	27,519	89	95	1 856	765,748	1 873,579	2,447	1,987
40	46	95 976	64 462,789	1 761 009,788	27,318	26,858	90	96	1 172	478,696	1 107,831	2,314	1,854
41	47	95 697	63 638,675	1 696 546,998	26,659	26,199	91	97	716	289,596	629,135	2,172	1,712
42	48	95 389	62 805,812	1 632 908,324	25,999	25,539	92	98	413	165,438	339,539	2,052	1,592
43	49	95 059	61 968,655	1 570 102,511	25,337	24,877	93	99	225	89,202	174,102	1,952	1,492
44	50	94 677	61 109,000	1 508 133,856	24,679	24,219	94	100	116	45,660	84,899	1,859	1,399
45	51	94 255	60 234,139	1 447 024,856	24,023	23,563							
46	52	93 794	59 345,815	1 386 790,717	23,368	22,908							
47	53	93 276	58 434,026	1 327 444,902	22,717	22,257							
48	54	92 705	57 501,218	1 269 010,876	22,069	21,609							
49	55	92 083	56 550,094	1 211 509,659	21,424	20,964							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	4 996 266,667	50,167	49,707	50	57	91 048	55 360,673	1 130 644,840	20,423	19,963
1	8	99 180	98 197,611	4 896 674,258	49,866	49,406	51	58	90 285	54 353,187	1 075 284,167	19,783	19,323
2	9	99 138	97 184,715	4 798 476,647	49,375	48,915	52	59	89 442	53 312,470	1 020 930,980	19,150	18,690
3	10	99 113	96 197,861	4 701 291,933	48,871	48,411	53	60	88 546	52 256,103	967 618,511	18,517	18,057
4	11	99 090	95 223,354	4 605 094,072	48,361	47,901	54	61	87 557	51 160,594	915 362,408	17,892	17,432
5	12	99 068	94 259,477	4 509 870,717	47,845	47,385	55	62	86 501	50 043,309	864 201,814	17,269	16,809
6	13	99 049	93 308,263	4 415 611,241	47,323	46,863	56	63	85 365	48 897,268	814 158,505	16,650	16,190
7	14	99 028	92 365,592	4 322 302,977	46,796	46,336	57	64	84 164	47 732,055	765 261,237	16,032	15,572
8	15	99 007	91 430,917	4 229 937,385	46,264	45,804	58	65	82 893	46 545,704	717 529,182	15,416	14,956
9	16	98 984	90 504,687	4 138 506,468	45,727	45,267	59	66	81 524	45 323,696	670 983,477	14,804	14,344
10	17	98 959	89 586,504	4 048 001,781	45,185	44,725	60	67	80 078	44 078,948	625 659,782	14,194	13,734
11	18	98 933	88 676,009	3 958 415,277	44,639	44,179	61	68	78 514	42 790,311	581 580,833	13,591	13,131
12	19	98 902	87 770,315	3 869 739,268	44,089	43,629	62	69	76 871	41 480,031	538 790,522	12,989	12,529
13	20	98 870	86 873,529	3 781 968,953	43,534	43,074	63	70	75 094	40 119,533	497 310,492	12,396	11,936
14	21	98 841	85 987,718	3 695 095,424	42,972	42,512	64	71	73 222	38 732,235	457 190,958	11,804	11,344
15	22	98 803	85 103,915	3 609 107,706	42,408	41,948	65	72	71 206	37 293,239	418 458,723	11,221	10,761
16	23	98 761	84 225,113	3 524 003,791	41,840	41,380	66	73	69 012	35 785,992	381 165,484	10,651	10,191
17	24	98 709	83 347,511	3 439 778,678	41,270	40,810	67	74	66 685	34 237,035	345 379,492	10,088	9,628
18	25	98 653	82 475,356	3 356 431,167	40,696	40,236	68	75	64 217	32 643,708	311 142,456	9,531	9,071
19	26	98 576	81 595,201	3 273 955,811	40,124	39,664	69	76	61 553	30 979,343	278 498,749	8,990	8,530
20	27	98 496	80 721,702	3 192 360,610	39,548	39,088	70	77	58 696	29 248,889	247 519,406	8,463	8,003
21	28	98 412	79 854,114	3 111 638,908	38,967	38,507	71	78	55 652	27 457,461	218 270,516	7,949	7,489
22	29	98 331	78 998,370	3 031 784,794	38,378	37,918	72	79	52 411	25 602,515	190 813,055	7,453	6,993
23	30	98 248	78 150,517	2 952 786,425	37,783	37,323	73	80	48 975	23 687,411	165 210,540	6,975	6,515
24	31	98 167	77 312,910	2 874 635,908	37,182	36,722	74	81	45 349	21 716,410	141 523,129	6,517	6,057
25	32	98 078	76 478,394	2 797 322,998	36,577	36,117	75	82	41 549	19 699,486	119 806,720	6,082	5,622
26	33	97 986	75 650,095	2 720 844,604	35,966	35,506	76	83	37 630	17 664,618	100 107,233	5,667	5,207
27	34	97 891	74 828,258	2 645 194,510	35,350	34,890	77	84	33 631	15 631,394	82 442,615	5,274	4,814
28	35	97 789	74 010,445	2 570 366,252	34,730	34,270	78	85	29 595	13 619,327	66 811,221	4,906	4,446
29	36	97 687	73 201,050	2 496 355,807	34,103	33,643	79	86	25 565	11 648,096	53 191,894	4,567	4,107
30	37	97 579	72 395,885	2 423 154,756	33,471	33,011	80	87	21 695	9 786,976	41 543,798	4,245	3,785
31	38	97 463	71 593,749	2 350 758,871	32,835	32,375	81	88	17 903	7 996,447	31 756,823	3,971	3,511
32	39	97 333	70 790,598	2 279 165,122	32,196	31,736	82	89	14 485	6 405,596	23 760,376	3,709	3,249
33	40	97 192	69 988,120	2 208 374,524	31,554	31,094	83	90	11 434	5 006,503	17 354,779	3,466	3,006
34	41	97 052	69 195,486	2 138 386,404	30,904	30,444	84	91	8 860	3 841,074	12 348,276	3,215	2,755
35	42	96 893	68 398,143	2 069 190,918	30,252	29,792	85	92	6 592	2 829,231	8 507,202	3,007	2,547
36	43	96 718	67 598,316	2 000 792,775	29,598	29,138	86	93	4 743	2 015,577	5 677,971	2,817	2,357
37	44	96 527	66 797,390	1 933 194,459	28,941	28,481	87	94	3 289	1 383,918	3 662,394	2,646	2,186
38	45	96 323	65 995,995	1 866 397,070	28,280	27,820	88	95	2 186	910,791	2 278,476	2,502	2,042
39	46	96 089	65 183,934	1 800 401,074	27,620	27,160	89	96	1 403	578,562	1 367,686	2,364	1,904
40	47	95 827	64 362,813	1 735 217,140	26,960	26,500	90	97	863	352,325	789,124	2,240	1,780
41	48	95 531	63 528,235	1 670 854,328	26,301	25,841	91	98	513	207,364	436,799	2,106	1,646
42	49	95 212	62 689,435	1 607 326,092	25,640	25,180	92	99	287	115,098	229,435	1,993	1,533
43	50	94 860	61 839,013	1 544 636,657	24,978	24,518	93	100	152	60,220	114,337	1,899	1,439
44	51	94 456	60 966,221	1 482 797,644	24,322	23,862							
45	52	94 020	60 084,108	1 421 831,423	23,664	23,204							
46	53	93 534	59 181,378	1 361 747,315	23,010	22,550							
47	54	92 993	58 256,434	1 302 565,937	22,359	21,899							
48	55	92 410	57 318,010	1 244 309,503	21,709	21,249							
49	56	91 752	56 346,653	1 186 991,493	21,066	20,606							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	4 967 971,186	49,887	49,427	50	58	90 672	55 132,239	1 105 137,055	20,045	19,585
1	9	99 173	98 191,511	4 868 387,098	49,581	49,121	51	59	89 873	54 105,356	1 050 004,816	19,407	18,947
2	10	99 132	97 178,545	4 770 195,586	49,087	48,627	52	60	89 014	53 057,724	995 899,460	18,770	18,310
3	11	99 105	96 190,111	4 673 017,042	48,581	48,121	53	61	88 062	51 970,373	942 841,736	18,142	17,682
4	12	99 082	95 215,791	4 576 826,930	48,068	47,608	54	62	87 059	50 869,722	890 871,364	17,513	17,053
5	13	99 060	94 252,251	4 481 611,139	47,549	47,089	55	63	85 958	49 729,298	840 001,642	16,891	16,432
6	14	99 039	93 299,084	4 387 358,887	47,025	46,565	56	64	84 796	48 571,190	790 272,343	16,270	15,810
7	15	99 016	92 354,158	4 294 059,803	46,496	46,036	57	65	83 559	47 388,584	741 701,153	15,651	15,191
8	16	98 993	91 418,523	4 201 705,645	45,961	45,501	58	66	82 251	46 185,327	694 312,569	15,033	14,573
9	17	98 968	90 490,137	4 110 287,122	45,422	44,963	59	67	80 854	44 951,146	648 127,242	14,418	13,959
10	18	98 942	89 570,778	4 019 796,985	44,878	44,418	60	68	79 356	43 681,373	603 176,096	13,809	13,349
11	19	98 911	88 656,639	3 930 226,207	44,331	43,871	61	69	77 745	42 371,174	559 494,724	13,205	12,745
12	20	98 881	87 751,440	3 841 569,569	43,778	43,318	62	70	76 028	41 025,092	517 123,550	12,605	12,145
13	21	98 849	86 855,199	3 753 818,129	43,219	42,759	63	71	74 196	39 640,177	476 098,458	12,011	11,551
14	22	98 819	85 969,132	3 666 962,929	42,654	42,194	64	72	72 245	38 215,431	436 458,281	11,421	10,961
15	23	98 780	85 084,359	3 580 993,797	42,088	41,628	65	73	70 105	36 716,121	398 242,850	10,847	10,387
16	24	98 738	84 205,955	3 495 909,439	41,516	41,056	66	74	67 816	35 165,627	361 526,729	10,281	9,821
17	25	98 686	83 328,562	3 411 703,483	40,943	40,483	67	75	65 396	33 575,437	326 361,102	9,720	9,260
18	26	98 631	82 456,977	3 328 374,921	40,365	39,905	68	76	62 787	31 916,368	292 785,665	9,174	8,714
19	27	98 550	81 573,402	3 245 917,944	39,791	39,331	69	77	59 992	30 194,089	260 869,297	8,640	8,180
20	28	98 470	80 700,865	3 164 344,542	39,211	38,751	70	78	56 996	28 402,009	230 675,209	8,122	7,662
21	29	98 386	79 833,373	3 083 643,677	38,626	38,166	71	79	53 801	26 544,278	202 273,200	7,620	7,160
22	30	98 303	78 976,459	3 003 810,304	38,034	37,574	72	80	50 443	24 641,124	175 728,922	7,132	6,672
23	31	98 221	78 129,069	2 924 833,845	37,436	36,976	73	81	46 851	22 660,012	151 087,798	6,668	6,208
24	32	98 135	77 287,704	2 846 704,776	36,833	36,373	74	82	43 105	20 641,539	128 427,785	6,222	5,762
25	33	98 044	76 451,906	2 769 417,072	36,224	35,764	75	83	39 186	18 579,220	107 786,246	5,801	5,341
26	34	97 951	75 622,725	2 692 965,166	35,611	35,151	76	84	35 185	16 517,141	89 207,027	5,401	4,941
27	35	97 851	74 797,891	2 617 342,441	34,992	34,532	77	85	31 143	14 474,893	72 689,886	5,022	4,562
28	36	97 748	73 978,905	2 542 544,550	34,369	33,909	78	86	27 071	12 457,661	58 214,994	4,673	4,213
29	37	97 642	73 166,916	2 468 565,645	33,739	33,279	79	87	23 094	10 522,324	45 757,333	4,349	3,889
30	38	97 527	72 357,754	2 395 398,729	33,105	32,645	80	88	19 207	8 664,786	35 235,009	4,066	3,606
31	39	97 405	71 551,540	2 323 040,976	32,467	32,007	81	89	15 657	6 993,196	26 570,223	3,799	3,339
32	40	97 264	70 740,813	2 251 489,436	31,827	31,367	82	90	12 460	5 510,294	19 577,027	3,553	3,093
33	41	97 123	69 938,233	2 180 748,622	31,181	30,721	83	91	9 740	4 264,557	14 066,732	3,299	2,839
34	42	96 971	69 137,986	2 110 810,389	30,530	30,070	84	92	7 326	3 176,015	9 802,176	3,086	2,626
35	43	96 801	68 333,442	2 041 672,403	29,878	29,418	85	93	5 346	2 294,554	6 626,161	2,888	2,428
36	44	96 615	67 526,962	1 973 338,961	29,223	28,763	86	94	3 762	1 598,588	4 331,608	2,710	2,250
37	45	96 418	66 721,854	1 905 811,999	28,564	28,104	87	95	2 548	1 071,994	2 733,019	2,549	2,089
38	46	96 193	65 906,731	1 839 090,145	27,904	27,444	88	96	1 652	688,149	1 661,025	2,414	1,954
39	47	95 940	65 082,839	1 773 183,414	27,245	26,785	89	97	1 032	425,827	972,876	2,285	1,825
40	48	95 661	64 251,117	1 708 100,574	26,585	26,125	90	98	618	252,280	547,049	2,168	1,708
41	49	95 354	63 410,520	1 643 849,458	25,924	25,464	91	99	357	144,267	294,768	2,043	1,583
42	50	95 013	62 558,284	1 580 438,938	25,263	24,803	92	100	194	77,702	150,501	1,937	1,477
43	51	94 638	61 694,528	1 517 880,653	24,603	24,143							
44	52	94 221	60 814,367	1 456 186,125	23,945	23,485							
45	53	93 760	59 917,625	1 395 371,758	23,288	22,828							
46	54	93 249	59 001,515	1 335 454,133	22,634	22,174							
47	55	92 696	58 070,820	1 276 452,618	21,981	21,521							
48	56	92 077	57 111,807	1 218 381,798	21,333	20,873							
49	57	91 404	56 132,937	1 161 269,992	20,688	20,228							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	4 938 252,185	49,592	49,132	50	59	90 259	54 880,856	1 078 461,377	19,651	19,191
1	10	99 167	98 185,278	4 838 674,281	49,281	48,821	51	60	89 444	53 846,821	1 023 580,522	19,009	18,549
2	11	99 124	97 170,716	4 740 489,004	48,785	48,325	52	61	88 528	52 767,611	969 733,701	18,377	17,917
3	12	99 097	96 182,472	4 643 318,288	48,276	47,816	53	62	87 561	51 674,897	916 966,090	17,745	17,285
4	13	99 074	95 208,493	4 547 135,816	47,760	47,300	54	63	86 513	50 550,526	865 291,193	17,117	16,657
5	14	99 050	94 242,980	4 451 927,323	47,239	46,779	55	64	85 385	49 397,672	814 740,667	16,494	16,034
6	15	99 027	93 287,534	4 357 684,343	46,712	46,252	56	65	84 186	48 221,680	765 342,995	15,871	15,411
7	16	99 003	92 341,638	4 264 396,809	46,181	45,721	57	66	82 912	47 021,681	717 121,315	15,251	14,791
8	17	98 977	91 403,826	4 172 055,170	45,644	45,184	58	67	81 575	45 805,695	670 099,633	14,629	14,169
9	18	98 950	90 474,253	4 080 651,344	45,103	44,643	59	68	80 125	44 545,703	624 293,939	14,015	13,555
10	19	98 920	89 551,212	3 990 177,092	44,557	44,098	60	69	78 579	43 253,507	579 748,236	13,403	12,944
11	20	98 890	88 637,573	3 900 625,879	44,006	43,546	61	70	76 893	41 906,461	536 494,728	12,802	12,342
12	21	98 860	87 732,925	3 811 988,307	43,450	42,990	62	71	75 120	40 534,915	494 588,267	12,202	11,742
13	22	98 828	86 836,426	3 724 255,381	42,888	42,428	63	72	73 206	39 111,258	454 053,352	11,609	11,149
14	23	98 797	85 949,377	3 637 418,955	42,320	41,861	64	73	71 127	37 624,042	414 942,094	11,029	10,569
15	24	98 758	85 065,006	3 551 469,579	41,750	41,290	65	74	68 889	36 079,632	377 318,052	10,458	9,998
16	25	98 716	84 186,811	3 466 404,573	41,175	40,715	66	75	66 505	34 486,084	341 238,420	9,895	9,435
17	26	98 664	83 309,993	3 382 217,762	40,598	40,138	67	76	63 939	32 827,337	306 752,336	9,344	8,884
18	27	98 604	82 434,948	3 298 907,770	40,018	39,558	68	77	61 195	31 107,362	273 924,999	8,806	8,346
19	28	98 524	81 552,345	3 216 472,822	39,441	38,981	69	78	58 255	29 319,841	242 817,637	8,282	7,822
20	29	98 445	80 679,905	3 134 920,476	38,856	38,396	70	79	55 101	27 457,412	213 497,796	7,776	7,316
21	30	98 359	79 811,230	3 054 240,572	38,268	37,808	71	80	51 781	25 547,524	186 040,385	7,282	6,822
22	31	98 276	78 954,784	2 974 429,341	37,673	37,213	72	81	48 255	23 572,360	160 492,861	6,809	6,349
23	32	98 189	78 103,597	2 895 474,557	37,072	36,612	73	82	44 532	21 538,437	136 920,501	6,357	5,897
24	33	98 101	77 260,936	2 817 370,960	36,466	36,006	74	83	40 653	19 467,700	115 382,064	5,927	5,467
25	34	98 009	76 424,246	2 740 110,024	35,854	35,394	75	84	36 640	17 372,330	95 914,364	5,521	5,061
26	35	97 911	75 592,036	2 663 685,778	35,238	34,778	76	85	32 582	15 295,107	78 542,034	5,135	4,675
27	36	97 810	74 766,016	2 588 093,742	34,616	34,156	77	86	28 487	13 240,250	63 246,927	4,777	4,317
28	37	97 702	73 944,407	2 513 327,726	33,989	33,529	78	87	24 455	11 253,646	50 006,676	4,444	3,984
29	38	97 590	73 128,379	2 439 383,319	33,358	32,898	79	88	20 446	9 315,818	38 753,031	4,160	3,700
30	39	97 470	72 315,094	2 366 254,940	32,721	32,261	80	89	16 798	7 577,684	29 437,213	3,885	3,425
31	40	97 337	71 501,220	2 293 939,846	32,083	31,623	81	90	13 469	6 015,766	21 859,529	3,634	3,174
32	41	97 195	70 690,390	2 222 438,626	31,439	30,979	82	91	10 614	4 693,688	15 843,763	3,376	2,916
33	42	97 042	69 880,116	2 151 748,236	30,792	30,332	83	92	8 053	3 526,173	11 150,075	3,162	2,702
34	43	96 880	69 072,585	2 081 868,120	30,140	29,680	84	93	5 942	2 575,801	7 623,902	2,960	2,500
35	44	96 699	68 261,313	2 012 795,535	29,487	29,027	85	94	4 240	1 819,850	5 048,101	2,774	2,314
36	45	96 506	67 450,601	1 944 534,222	28,829	28,369	86	95	2 914	1 238,280	3 228,251	2,607	2,147
37	46	96 288	66 631,608	1 877 083,621	28,171	27,711	87	96	1 925	809,947	1 989,972	2,457	1,997
38	47	96 043	65 804,515	1 810 452,012	27,513	27,053	88	97	1 216	506,485	1 180,025	2,330	1,870
39	48	95 774	64 969,893	1 744 647,497	26,853	26,393	89	98	739	304,911	673,540	2,209	1,749
40	49	95 484	64 132,062	1 679 677,603	26,191	25,731	90	99	430	175,516	368,629	2,100	1,640
41	50	95 154	63 277,861	1 615 545,542	25,531	25,071	91	100	241	97,394	193,112	1,983	1,523
42	51	94 791	62 412,119	1 552 267,681	24,871	24,411							
43	52	94 402	61 540,860	1 489 855,562	24,209	23,749							
44	53	93 960	60 645,861	1 428 314,702	23,552	23,092							
45	54	93 475	59 735,524	1 367 668,841	22,895	22,435							
46	55	92 952	58 813,527	1 307 933,317	22,239	21,779							
47	56	92 363	57 861,908	1 249 119,790	21,588	21,128							
48	57	91 728	56 895,188	1 191 257,882	20,938	20,478							
49	58	91 027	55 901,317	1 134 362,694	20,292	19,832							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	4 907 117,718	49,282	48,822	50	60	89 828	54 618,615	1 050 654,246	19,236	18,776
1	11	99 159	98 177,368	4 807 546,136	48,968	48,508	51	61	88 955	53 552,393	996 035,631	18,599	18,139
2	12	99 116	97 162,999	4 709 368,768	48,469	48,009	52	62	88 024	52 467,602	942 483,238	17,963	17,503
3	13	99 089	96 175,099	4 612 205,769	47,956	47,496	53	63	87 012	51 350,648	890 015,635	17,332	16,872
4	14	99 065	95 199,127	4 516 030,670	47,438	46,978	54	64	85 936	50 213,423	838 664,987	16,702	16,242
5	15	99 038	94 231,313	4 420 831,543	46,915	46,455	55	65	84 771	49 042,215	788 451,564	16,077	15,617
6	16	99 013	93 274,888	4 326 600,230	46,385	45,925	56	66	83 534	47 848,327	739 409,349	15,453	14,993
7	17	98 987	92 326,793	4 233 325,342	45,852	45,392	57	67	82 230	46 635,174	691 561,021	14,829	14,369
8	18	98 960	91 387,781	4 140 998,549	45,312	44,852	58	68	80 840	45 392,544	644 925,847	14,208	13,748
9	19	98 929	90 454,490	4 049 610,768	44,770	44,310	59	69	79 340	44 109,371	599 533,303	13,592	13,132
10	20	98 899	89 531,954	3 959 156,278	44,221	43,761	60	70	77 717	42 779,118	555 423,931	12,984	12,524
11	21	98 869	88 618,871	3 869 624,324	43,666	43,206	61	71	75 974	41 405,754	512 644,813	12,381	11,921
12	22	98 838	87 713,962	3 781 005,453	43,106	42,646	62	72	74 117	39 994,058	471 239,059	11,783	11,323
13	23	98 805	86 816,471	3 693 291,491	42,541	42,081	63	73	72 073	38 506,005	431 245,001	11,199	10,739
14	24	98 774	85 929,827	3 606 475,019	41,970	41,510	64	74	69 894	36 971,813	392 738,996	10,623	10,163
15	25	98 735	85 045,666	3 520 545,192	41,396	40,936	65	75	67 558	35 382,427	355 767,182	10,055	9,595
16	26	98 694	84 168,050	3 435 499,526	40,817	40,357	66	76	65 023	33 717,694	320 384,756	9,502	9,042
17	27	98 638	83 287,736	3 351 331,476	40,238	39,778	67	77	62 319	31 995,240	286 667,061	8,960	8,500
18	28	98 579	82 413,669	3 268 043,740	39,654	39,194	68	78	59 423	30 206,671	254 671,821	8,431	7,971
19	29	98 499	81 531,164	3 185 630,071	39,073	38,613	69	79	56 318	28 344,718	224 465,151	7,919	7,459
20	30	98 418	80 657,527	3 104 098,908	38,485	38,025	70	80	53 031	26 426,368	196 120,433	7,421	6,961
21	31	98 332	79 789,327	3 023 441,381	37,893	37,433	71	81	49 535	24 439,446	169 694,064	6,943	6,483
22	32	98 244	78 929,043	2 943 652,054	37,295	36,835	72	82	45 867	22 405,628	145 254,618	6,483	6,023
23	33	98 155	78 076,547	2 864 723,011	36,691	36,231	73	83	42 000	20 313,593	122 848,990	6,048	5,588
24	34	98 065	77 232,984	2 786 646,464	36,081	35,621	74	84	38 013	18 203,096	102 535,397	5,633	5,173
25	35	97 969	76 393,231	2 709 413,481	35,467	35,007	75	85	33 930	16 087,025	84 332,301	5,242	4,782
26	36	97 869	75 559,822	2 633 020,249	34,847	34,387	76	86	29 803	13 990,504	68 245,277	4,878	4,418
27	37	97 764	74 731,151	2 557 460,428	34,222	33,762	77	87	25 733	11 960,599	54 254,773	4,536	4,076
28	38	97 651	73 905,461	2 482 729,276	33,593	33,133	78	88	21 651	9 963,285	42 294,174	4,245	3,785
29	39	97 533	73 085,264	2 408 823,815	32,959	32,499	79	89	17 881	8 147,036	32 330,888	3,968	3,508
30	40	97 401	72 264,237	2 335 738,551	32,322	31,862	80	90	14 450	6 518,561	24 183,852	3,710	3,250
31	41	97 267	71 450,255	2 263 474,313	31,679	31,219	81	91	11 473	5 124,250	17 665,291	3,447	2,987
32	42	97 114	70 631,648	2 192 024,059	31,035	30,575	82	92	8 776	3 881,003	12 541,041	3,231	2,771
33	43	96 950	69 814,013	2 121 392,411	30,386	29,926	83	93	6 531	2 859,785	8 660,038	3,028	2,568
34	44	96 777	68 999,676	2 051 578,398	29,733	29,273	84	94	4 712	2 042,912	5 800,253	2,839	2,379
35	45	96 590	68 184,122	1 982 578,722	29,077	28,617	85	95	3 284	1 409,670	3 757,341	2,665	2,205
36	46	96 376	67 359,370	1 914 394,601	28,421	27,961	86	96	2 202	935,584	2 347,671	2,509	2,049
37	47	96 138	66 528,268	1 847 035,231	27,763	27,303	87	97	1 417	596,129	1 412,086	2,369	1,909
38	48	95 877	65 690,317	1 780 506,963	27,105	26,645	88	98	871	362,666	815,958	2,250	1,790
39	49	95 596	64 849,507	1 714 816,645	26,443	25,983	89	99	514	212,133	453,292	2,137	1,677
40	50	95 284	63 997,893	1 649 967,139	25,782	25,322	90	100	290	118,490	241,159	2,035	1,575
41	51	94 932	63 130,014	1 585 969,246	25,122	24,662							
42	52	94 555	62 256,664	1 522 839,232	24,461	24,001							
43	53	94 141	61 370,340	1 460 582,567	23,799	23,340							
44	54	93 674	60 461,547	1 399 212,227	23,142	22,682							
45	55	93 177	59 545,198	1 338 750,680	22,483	22,023							
46	56	92 618	58 601,943	1 279 205,482	21,829	21,369							
47	57	92 013	57 642,444	1 220 603,539	21,175	20,715							
48	58	91 349	56 660,422	1 162 961,095	20,525	20,065							
49	59	90 612	55 646,426	1 106 300,673	19,881	19,421							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	4 874 583,281	48,960	48,500	50	61	89 336	54 319,968	1 021 745,320	18,810	18,350
1	12	99 151	98 169,571	4 775 019,721	48,641	48,181	51	62	88 449	53 247,923	967 425,353	18,168	17,708
2	13	99 108	97 155,551	4 676 850,150	48,138	47,678	52	63	87 472	52 138,380	914 177,430	17,534	17,074
3	14	99 080	96 165,638	4 579 694,599	47,623	47,163	53	64	86 432	51 008,210	862 039,050	16,900	16,440
4	15	99 052	95 187,342	4 483 528,961	47,102	46,642	54	65	85 317	49 852,096	811 030,841	16,269	15,809
5	16	99 025	94 218,539	4 388 341,619	46,576	46,116	55	66	84 114	48 662,509	761 178,744	15,642	15,182
6	17	98 997	93 259,893	4 294 123,080	46,045	45,585	56	67	82 847	47 455,025	712 516,235	15,015	14,555
7	18	98 969	92 310,587	4 200 863,187	45,508	45,048	57	68	81 489	46 214,542	665 061,210	14,391	13,931
8	19	98 938	91 367,819	4 108 552,601	44,967	44,507	58	69	80 048	44 947,918	618 846,667	13,768	13,308
9	20	98 907	90 435,037	4 017 184,782	44,421	43,961	59	70	78 470	43 625,595	573 898,749	13,155	12,695
10	21	98 878	89 513,064	3 926 749,745	43,868	43,408	60	71	76 788	42 267,984	530 273,154	12,546	12,086
11	22	98 848	88 599,716	3 837 236,682	43,310	42,850	61	72	74 960	40 853,277	488 005,171	11,945	11,485
12	23	98 816	87 693,806	3 748 636,965	42,747	42,287	62	73	72 971	39 375,144	447 151,893	11,356	10,896
13	24	98 783	86 796,724	3 660 943,159	42,178	41,718	63	74	70 824	37 838,488	407 776,749	10,777	10,317
14	25	98 752	85 910,291	3 574 146,435	41,603	41,143	64	75	68 543	36 257,368	369 938,261	10,203	9,743
15	26	98 713	85 026,714	3 488 236,144	41,025	40,565	65	76	66 053	34 594,065	333 680,894	9,646	9,186
16	27	98 667	84 145,564	3 403 209,430	40,444	39,984	66	77	63 375	32 863,029	299 086,828	9,101	8,641
17	28	98 613	83 266,236	3 319 063,866	39,861	39,401	67	78	60 514	31 068,841	266 223,799	8,569	8,109
18	29	98 553	82 392,263	3 235 797,629	39,273	38,813	68	79	57 447	29 202,054	235 154,959	8,053	7,593
19	30	98 471	81 508,550	3 153 405,366	38,688	38,228	69	80	54 203	27 280,356	205 952,905	7,549	7,090
20	31	98 391	80 635,391	3 071 896,816	38,096	37,636	70	81	50 731	25 280,172	178 672,549	7,068	6,608
21	32	98 300	79 763,314	2 991 261,425	37,502	37,042	71	82	47 083	23 229,797	153 392,376	6,603	6,143
22	33	98 210	78 901,706	2 911 498,111	36,900	36,440	72	83	43 258	21 131,469	130 162,580	6,160	5,700
23	34	98 119	78 048,299	2 832 596,405	36,293	35,833	73	84	39 272	18 994,041	109 031,111	5,740	5,280
24	35	98 026	77 201,641	2 754 548,106	35,680	35,220	74	85	35 200	16 856,325	90 037,070	5,341	4,881
25	36	97 927	76 360,676	2 677 346,465	35,062	34,602	75	86	31 036	14 714,875	73 180,745	4,973	4,513
26	37	97 824	75 524,587	2 600 985,789	34,439	33,979	76	87	26 922	12 638,342	58 465,870	4,626	4,166
27	38	97 712	74 691,790	2 525 461,202	33,812	33,352	77	88	22 783	10 589,178	45 827,528	4,328	3,868
28	39	97 593	73 861,889	2 450 769,411	33,180	32,720	78	89	18 934	8 713,271	35 238,350	4,044	3,584
29	40	97 464	73 033,866	2 376 907,523	32,545	32,085	79	90	15 382	7 008,335	26 525,079	3,785	3,325
30	41	97 332	72 212,728	2 303 873,656	31,904	31,444	80	91	12 308	5 552,532	19 516,744	3,515	3,055
31	42	97 186	71 390,881	2 231 660,928	31,260	30,800	81	92	9 486	4 237,016	13 964,211	3,296	2,836
32	43	97 022	70 564,834	2 160 270,047	30,614	30,154	82	93	7 117	3 147,558	9 727,195	3,090	2,630
33	44	96 848	69 740,321	2 089 705,213	29,964	29,504	83	94	5 180	2 268,145	6 579,637	2,901	2,441
34	45	96 668	68 921,649	2 019 964,892	29,308	28,848	84	95	3 650	1 582,456	4 311,493	2,725	2,265
35	46	96 459	68 091,898	1 951 043,243	28,653	28,193	85	96	2 481	1 065,079	2 729,037	2,562	2,102
36	47	96 226	67 254,901	1 882 951,345	27,997	27,537	86	97	1 620	688,599	1 663,958	2,416	1,956
37	48	95 972	66 412,814	1 815 696,444	27,340	26,880	87	98	1 014	426,855	975,359	2,285	1,825
38	49	95 699	65 568,596	1 749 283,630	26,679	26,219	88	99	606	252,314	548,504	2,174	1,714
39	50	95 396	64 713,837	1 683 715,034	26,018	25,558	89	100	347	143,210	296,190	2,068	1,608
40	51	95 062	63 848,364	1 619 001,197	25,357	24,897							
41	52	94 695	62 972,771	1 555 152,833	24,696	24,236							
42	53	94 293	62 084,161	1 492 180,062	24,035	23,575							
43	54	93 855	61 183,825	1 430 095,901	23,374	22,914							
44	55	93 376	60 268,907	1 368 912,076	22,713	22,253							
45	56	92 842	59 330,982	1 308 643,169	22,057	21,597							
46	57	92 267	58 379,672	1 249 312,187	21,400	20,940							
47	58	91 633	57 404,595	1 190 932,515	20,746	20,286							
48	59	90 933	56 402,071	1 133 527,919	20,097	19,637							
49	60	90 179	55 380,528	1 077 125,849	19,450	18,990							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	4 840 670,325	48,623	48,163	50	62	88 828	54 011,133	991 794,676	18,363	17,903
1	13	99 144	98 162,046	4 741 114,673	48,299	47,839	51	63	87 894	52 913,804	937 783,543	17,723	17,263
2	14	99 099	97 145,994	4 642 952,627	47,794	47,334	52	64	86 889	51 790,688	884 869,739	17,085	16,626
3	15	99 067	96 153,734	4 545 806,634	47,276	46,816	53	65	85 810	50 641,164	833 079,051	16,451	15,991
4	16	99 039	95 174,438	4 449 652,900	46,753	46,293	54	66	84 657	49 466,120	782 437,887	15,818	15,358
5	17	99 009	94 203,392	4 354 478,462	46,224	45,764	55	67	83 423	48 262,515	732 971,767	15,187	14,727
6	18	98 980	93 243,523	4 260 275,070	45,690	45,230	56	68	82 100	47 026,999	684 709,252	14,560	14,100
7	19	98 948	92 290,422	4 167 031,547	45,151	44,691	57	69	80 690	45 761,864	637 682,253	13,935	13,475
8	20	98 917	91 348,170	4 074 741,125	44,607	44,147	58	70	79 170	44 454,945	591 920,389	13,315	12,855
9	21	98 887	90 415,956	3 983 392,955	44,056	43,596	59	71	77 532	43 104,347	547 465,444	12,701	12,241
10	22	98 857	89 493,716	3 892 976,999	43,500	43,040	60	72	75 764	41 704,002	504 361,097	12,094	11,634
11	23	98 825	88 579,357	3 803 483,284	42,939	42,479	61	73	73 800	40 221,067	462 682,095	11,503	11,043
12	24	98 793	87 673,860	3 714 903,927	42,372	41,912	62	74	71 706	38 692,560	422 436,028	10,918	10,458
13	25	98 760	86 776,991	3 627 230,067	41,799	41,339	63	75	69 455	37 107,295	383 743,468	10,341	9,881
14	26	98 730	85 891,146	3 540 453,076	41,220	40,760	64	76	67 016	35 449,511	346 636,174	9,778	9,318
15	27	98 687	85 003,998	3 454 561,930	40,640	40,180	65	77	64 378	33 717,186	311 186,663	9,229	8,769
16	28	98 642	84 123,844	3 369 557,932	40,055	39,595	66	78	61 540	31 911,504	277 469,477	8,695	8,235
17	29	98 587	83 244,609	3 285 434,088	39,467	39,007	67	79	58 502	30 035,550	245 557,973	8,176	7,716
18	30	98 526	82 369,411	3 202 189,479	38,876	38,416	68	80	55 290	28 105,498	215 522,423	7,668	7,208
19	31	98 444	81 486,181	3 119 820,068	38,286	37,827	69	81	51 852	26 097,120	187 416,925	7,182	6,722
20	32	98 358	80 609,102	3 038 333,887	37,692	37,232	70	82	48 220	24 028,911	161 319,805	6,714	6,254
21	33	98 266	79 735,688	2 957 724,785	37,094	36,634	71	83	44 405	21 908,769	137 290,894	6,266	5,807
22	34	98 175	78 873,160	2 877 989,097	36,489	36,029	72	84	40 448	19 758,788	115 382,126	5,840	5,380
23	35	98 080	78 016,625	2 799 115,937	35,878	35,418	73	85	36 366	17 588,751	95 623,338	5,437	4,977
24	36	97 984	77 168,741	2 721 099,311	35,262	34,802	74	86	32 198	15 418,558	78 034,587	5,061	4,601
25	37	97 882	76 325,068	2 643 930,570	34,640	34,180	75	87	28 036	13 292,703	62 616,029	4,711	4,251
26	38	97 772	75 484,808	2 567 605,502	34,015	33,555	76	88	23 835	11 189,210	49 323,326	4,408	3,948
27	39	97 655	74 647,754	2 492 120,694	33,385	32,925	77	89	19 924	9 260,638	38 134,116	4,118	3,658
28	40	97 524	73 809,944	2 417 472,940	32,753	32,293	78	90	16 288	7 495,428	28 873,477	3,852	3,392
29	41	97 395	72 981,808	2 343 662,995	32,113	31,653	79	91	13 102	5 969,724	21 378,049	3,581	3,121
30	42	97 251	72 152,721	2 270 681,187	31,470	31,011	80	92	10 177	4 591,144	15 408,325	3,356	2,896
31	43	97 094	71 323,349	2 198 528,466	30,825	30,365	81	93	7 693	3 436,291	10 817,181	3,148	2,688
32	44	96 920	70 490,349	2 127 205,117	30,177	29,717	82	94	5 645	2 496,382	7 380,891	2,957	2,497
33	45	96 738	69 661,457	2 056 714,768	29,524	29,064	83	95	4 013	1 756,923	4 884,509	2,780	2,320
34	46	96 537	68 828,428	1 987 053,310	28,870	28,410	84	96	2 758	1 195,627	3 127,585	2,616	2,156
35	47	96 310	67 986,293	1 918 224,882	28,215	27,755	85	97	1 826	783,908	1 931,958	2,465	2,005
36	48	96 059	67 138,186	1 850 238,589	27,559	27,099	86	98	1 160	493,068	1 148,050	2,328	1,868
37	49	95 794	66 289,754	1 783 100,403	26,899	26,439	87	99	706	296,971	654,982	2,206	1,746
38	50	95 499	65 431,421	1 716 810,649	26,238	25,778	88	100	409	170,336	358,011	2,102	1,642
39	51	95 173	64 562,635	1 651 379,228	25,578	25,118							
40	52	94 825	63 689,331	1 586 816,592	24,915	24,455							
41	53	94 433	62 798,284	1 523 127,261	24,254	23,794							
42	54	94 006	61 895,476	1 460 328,977	23,593	23,133							
43	55	93 556	60 988,884	1 398 433,502	22,929	22,469							
44	56	93 040	60 052,088	1 337 444,618	22,271	21,811							
45	57	92 490	59 105,946	1 277 392,530	21,612	21,152							
46	58	91 886	58 138,782	1 218 286,584	20,955	20,495							
47	59	91 215	57 142,851	1 160 147,803	20,303	19,843							
48	60	90 498	56 132,562	1 103 004,952	19,650	19,190							
49	61	89 686	55 077,714	1 046 872,390	19,007	18,547							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	4 805 402,225	48,272	47,812	50	63	88 271	53 672,225	960 840,036	17,902	17,442
1	14	99 134	98 152,389	4 705 854,204	47,944	47,484	51	64	87 308	52 560,941	907 167,811	17,259	16,799
2	15	99 086	97 133,967	4 607 701,815	47,437	46,977	52	65	86 263	51 418,012	854 606,870	16,621	16,161
3	16	99 054	96 140,699	4 510 567,847	46,916	46,456	53	66	85 145	50 249,078	803 188,858	15,984	15,524
4	17	99 023	95 159,138	4 414 427,148	46,390	45,930	54	67	83 961	49 059,520	752 939,780	15,347	14,887
5	18	98 991	94 186,856	4 319 268,011	45,859	45,399	55	68	82 670	47 827,205	703 880,260	14,717	14,257
6	19	98 958	93 223,155	4 225 081,155	45,322	44,862	56	69	81 296	46 566,363	656 053,055	14,089	13,629
7	20	98 927	92 270,575	4 131 858,000	44,780	44,320	57	70	79 805	45 259,964	609 486,692	13,466	13,006
8	21	98 896	91 328,896	4 039 587,426	44,231	43,771	58	71	78 224	43 923,787	564 226,728	12,846	12,386
9	22	98 865	90 396,413	3 948 258,529	43,677	43,217	59	72	76 498	42 529,206	520 302,941	12,234	11,774
10	23	98 834	89 473,151	3 857 862,116	43,118	42,658	60	73	74 591	41 058,627	477 773,735	11,636	11,176
11	24	98 803	88 559,209	3 768 388,966	42,552	42,092	61	74	72 521	39 523,818	436 715,108	11,049	10,589
12	25	98 771	87 653,927	3 679 829,757	41,981	41,521	62	75	70 320	37 944,862	397 191,290	10,468	10,008
13	26	98 738	86 757,653	3 592 175,830	41,405	40,945	63	76	67 908	36 280,501	359 246,428	9,902	9,442
14	27	98 703	85 868,200	3 505 418,177	40,823	40,363	64	77	65 317	34 550,948	322 965,927	9,348	8,888
15	28	98 662	84 982,056	3 419 549,978	40,238	39,779	65	78	62 514	32 740,929	288 414,979	8,809	8,349
16	29	98 616	84 101,994	3 334 567,921	39,649	39,189	66	79	59 493	30 850,187	255 674,050	8,288	7,828
17	30	98 560	83 221,521	3 250 465,927	39,058	38,598	67	80	56 305	28 907,696	224 823,862	7,777	7,317
18	31	98 499	82 346,805	3 167 244,407	38,462	38,002	68	81	52 892	26 886,473	195 916,166	7,287	6,827
19	32	98 412	81 459,614	3 084 897,602	37,870	37,410	69	82	49 286	24 805,423	169 029,693	6,814	6,354
20	33	98 324	80 581,184	3 003 437,987	37,272	36,812	70	83	45 478	22 662,439	144 224,270	6,364	5,904
21	34	98 230	79 706,840	2 922 856,804	36,670	36,210	71	84	41 521	20 485,595	121 561,832	5,934	5,474
22	35	98 135	78 841,152	2 843 149,963	36,062	35,602	72	85	37 456	18 296,918	101 076,237	5,524	5,064
23	36	98 038	77 983,378	2 764 308,811	35,447	34,987	73	86	33 264	16 088,511	82 779,319	5,145	4,685
24	37	97 938	77 132,756	2 686 325,433	34,827	34,367	74	87	29 086	13 928,376	66 690,807	4,788	4,328
25	38	97 830	76 284,868	2 609 192,677	34,203	33,743	75	88	24 821	11 768,541	52 762,431	4,483	4,023
26	39	97 715	75 440,305	2 532 907,809	33,575	33,115	76	89	20 845	9 785,389	40 993,890	4,189	3,729
27	40	97 586	74 595,257	2 457 467,505	32,944	32,484	77	90	17 140	7 966,291	31 208,501	3,918	3,458
28	41	97 455	73 757,333	2 382 872,247	32,307	31,847	78	91	13 874	6 384,631	23 242,210	3,640	3,180
29	42	97 314	72 921,162	2 309 114,914	31,666	31,206	79	92	10 834	4 936,101	16 857,579	3,415	2,955
30	43	97 159	72 084,468	2 236 193,752	31,022	30,562	80	93	8 254	3 723,494	11 921,478	3,202	2,742
31	44	96 992	71 248,064	2 164 109,284	30,374	29,914	81	94	6 102	2 725,381	8 197,984	3,008	2,548
32	45	96 810	70 410,637	2 092 861,220	29,724	29,264	82	95	4 373	1 933,718	5 472,603	2,830	2,370
33	46	96 607	69 567,236	2 022 450,583	29,072	28,612	83	96	3 032	1 327,446	3 538,885	2,666	2,206
34	47	96 387	68 721,681	1 952 883,347	28,417	27,957	84	97	2 030	879,993	2 211,439	2,513	2,053
35	48	96 142	67 868,309	1 884 161,666	27,762	27,302	85	98	1 308	561,314	1 331,446	2,372	1,912
36	49	95 881	67 013,782	1 816 293,357	27,103	26,643	86	99	807	343,037	770,132	2,245	1,785
37	50	95 593	66 151,071	1 749 279,576	26,444	25,984	87	100	476	200,484	427,095	2,130	1,670
38	51	95 276	65 278,543	1 683 128,505	25,784	25,324							
39	52	94 936	64 401,824	1 617 849,962	25,121	24,661							
40	53	94 562	63 512,859	1 553 448,138	24,459	23,999							
41	54	94 146	62 607,428	1 489 935,279	23,798	23,338							
42	55	93 707	61 698,267	1 427 327,851	23,134	22,674							
43	56	93 219	60 769,474	1 365 629,584	22,472	22,012							
44	57	92 687	59 824,317	1 304 860,110	21,812	21,352							
45	58	92 108	58 862,058	1 245 035,793	21,152	20,692							
46	59	91 467	57 873,689	1 186 173,735	20,496	20,036							
47	60	90 779	56 869,802	1 128 300,045	19,840	19,380							
48	61	90 004	55 825,636	1 071 430,243	19,192	18,732							
49	62	89 176	54 764,572	1 015 604,607	18,545	18,085							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	4 768 804,921	47,909	47,449	50	64	87 682	53 314,305	928 942,157	17,424	16,964
1	15	99 122	98 140,239	4 669 266,692	47,577	47,118	51	65	86 680	52 182,722	875 627,852	16,780	16,320
2	16	99 073	97 120,800	4 571 126,454	47,066	46,606	52	66	85 596	51 019,911	823 445,130	16,140	15,680
3	17	99 038	96 125,243	4 474 005,654	46,544	46,084	53	67	84 445	49 836,043	772 425,219	15,499	15,039
4	18	99 006	95 142,434	4 377 880,411	46,014	45,554	54	68	83 204	48 617,021	722 589,176	14,863	14,403
5	19	98 970	94 166,282	4 282 737,977	45,481	45,021	55	69	81 861	47 358,731	673 972,155	14,231	13,771
6	20	98 937	93 203,107	4 188 571,696	44,940	44,480	56	70	80 404	46 055,639	626 613,424	13,606	13,146
7	21	98 906	92 251,107	4 095 368,589	44,394	43,934	57	71	78 852	44 719,188	580 557,786	12,982	12,522
8	22	98 875	91 309,156	4 003 117,482	43,841	43,381	58	72	77 180	43 337,713	535 838,597	12,364	11,904
9	23	98 843	90 375,640	3 911 808,327	43,284	42,824	59	73	75 314	41 871,060	492 500,885	11,762	11,302
10	24	98 812	89 452,799	3 821 432,686	42,720	42,260	60	74	73 298	40 346,859	450 629,825	11,169	10,709
11	25	98 780	88 539,075	3 731 979,887	42,151	41,691	61	75	71 119	38 760,057	410 282,966	10,585	10,125
12	26	98 749	87 634,394	3 643 440,812	41,575	41,115	62	76	68 753	37 099,406	371 522,909	10,014	9,554
13	27	98 712	86 734,475	3 555 806,419	40,996	40,536	63	77	66 187	35 360,874	334 423,502	9,457	8,997
14	28	98 678	85 846,034	3 469 071,943	40,410	39,950	64	78	63 426	33 550,550	299 062,628	8,914	8,454
15	29	98 636	84 959,984	3 383 225,909	39,821	39,361	65	79	60 435	31 652,028	265 512,077	8,388	7,928
16	30	98 589	84 078,667	3 298 265,925	39,228	38,768	66	80	57 259	29 691,743	233 860,050	7,876	7,416
17	31	98 533	83 198,681	3 214 187,258	38,633	38,173	67	81	53 863	27 653,877	204 168,306	7,383	6,923
18	32	98 467	82 319,958	3 130 988,577	38,034	37,574	68	82	50 274	25 555,706	176 514,429	6,907	6,447
19	33	98 378	81 431,401	3 048 668,619	37,438	36,979	69	83	46 483	23 394,792	150 958,723	6,453	5,993
20	34	98 289	80 552,030	2 967 237,218	36,836	36,376	70	84	42 524	21 190,307	127 563,931	6,020	5,560
21	35	98 190	79 674,494	2 886 685,187	36,231	35,771	71	85	38 449	18 969,952	106 373,624	5,607	5,147
22	36	98 093	78 807,553	2 807 010,694	35,619	35,159	72	86	34 261	16 736,275	87 403,672	5,222	4,762
23	37	97 992	77 947,013	2 728 203,140	35,001	34,541	73	87	30 049	14 533,580	70 667,397	4,862	4,402
24	38	97 887	77 092,130	2 650 256,127	34,378	33,918	74	88	25 751	12 331,327	56 133,818	4,552	4,092
25	39	97 772	76 239,892	2 573 163,997	33,751	33,291	75	89	21 707	10 292,036	43 802,491	4,256	3,796
26	40	97 646	75 387,250	2 496 924,104	33,121	32,661	76	90	17 932	8 417,697	33 510,454	3,981	3,521
27	41	97 517	74 542,086	2 421 536,854	32,485	32,026	77	91	14 600	6 785,714	25 092,757	3,698	3,238
28	42	97 374	73 696,042	2 346 994,768	31,847	31,387	78	92	11 472	5 279,169	18 307,043	3,468	3,008
29	43	97 222	72 852,182	2 273 298,725	31,204	30,744	79	93	8 786	4 003,260	13 027,874	3,254	2,794
30	44	97 056	72 008,380	2 200 446,543	30,558	30,098	80	94	6 546	2 953,167	9 024,614	3,056	2,596
31	45	96 882	71 167,495	2 128 438,163	29,907	29,447	81	95	4 727	2 111,102	6 071,447	2,876	2,416
32	46	96 680	70 315,402	2 057 270,668	29,258	28,798	82	96	3 304	1 461,024	3 960,345	2,711	2,251
33	47	96 458	69 459,343	1 986 955,266	28,606	28,146	83	97	2 231	977,013	2 499,321	2,558	2,098
34	48	96 220	68 602,420	1 917 495,923	27,951	27,491	84	98	1 453	630,115	1 522,307	2,416	1,956
35	49	95 964	67 742,551	1 848 893,503	27,293	26,833	85	99	910	390,517	892,193	2,285	1,825
36	50	95 681	66 873,584	1 781 150,952	26,635	26,175	86	100	545	231,583	501,676	2,166	1,706
37	51	95 370	65 996,511	1 714 277,368	25,975	25,515							
38	52	95 039	65 115,948	1 648 280,856	25,313	24,853							
39	53	94 673	64 223,377	1 583 164,908	24,651	24,191							
40	54	94 275	63 319,831	1 518 941,531	23,988	23,528							
41	55	93 846	62 407,951	1 455 621,700	23,324	22,864							
42	56	93 370	61 476,306	1 393 213,749	22,663	22,203							
43	57	92 865	60 538,982	1 331 737,443	21,998	21,538							
44	58	92 304	59 577,465	1 271 198,461	21,337	20,877							
45	59	91 688	58 593,668	1 211 620,996	20,678	20,218							
46	60	91 030	57 597,149	1 153 027,328	20,019	19,559							
47	61	90 283	56 558,845	1 095 430,179	19,368	18,908							
48	62	89 492	55 508,241	1 038 871,334	18,716	18,256							
49	63	88 616	54 420,936	983 363,093	18,070	17,610							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	4 730 909,037	47,534	47,074	50	65	87 051	52 930,665	896 153,216	16,931	16,471
1	16	99 108	98 126,934	4 631 383,130	47,198	46,738	51	66	86 008	51 778,701	843 222,551	16,285	15,825
2	17	99 057	97 105,186	4 533 256,196	46,684	46,224	52	67	84 892	50 600,540	791 443,850	15,641	15,181
3	18	99 021	96 108,369	4 436 151,009	46,158	45,698	53	68	83 684	49 386,540	740 843,311	15,001	14,541
4	19	98 984	95 121,651	4 340 042,640	45,626	45,166	54	69	82 389	48 140,811	691 456,771	14,363	13,903
5	20	98 948	94 146,031	4 244 920,989	45,089	44,629	55	70	80 963	46 839,316	643 315,960	13,735	13,275
6	21	98 916	93 183,442	4 150 774,958	44,544	44,084	56	71	79 444	45 505,356	596 476,644	13,108	12,648
7	22	98 884	92 231,167	4 057 591,516	44,000	43,534	57	72	77 800	44 122,500	550 971,288	12,487	12,027
8	23	98 852	91 288,173	3 965 360,349	43,438	42,978	58	73	75 986	42 667,055	506 848,787	11,879	11,419
9	24	98 820	90 355,084	3 874 072,176	42,876	42,416	59	74	74 008	41 145,208	464 181,732	11,282	10,822
10	25	98 789	89 432,462	3 783 717,092	42,308	41,848	60	75	71 882	39 567,193	423 036,524	10,692	10,232
11	26	98 758	88 519,344	3 694 284,630	41,734	41,274	61	76	69 535	37 896,438	383 469,331	10,119	9,659
12	27	98 722	87 610,981	3 605 765,286	41,157	40,697	62	77	67 010	36 159,023	345 572,893	9,557	9,097
13	28	98 686	86 712,086	3 518 154,305	40,573	40,113	63	78	64 270	34 337,026	309 413,870	9,011	8,551
14	29	98 652	85 823,737	3 431 442,218	39,982	39,522	64	79	61 317	32 434,723	275 076,844	8,481	8,021
15	30	98 609	84 936,419	3 345 618,481	39,390	38,930	65	80	58 166	30 463,474	242 642,122	7,965	7,505
16	31	98 562	84 055,593	3 260 682,062	38,792	38,332	66	81	54 776	28 403,918	212 178,648	7,470	7,010
17	32	98 500	83 171,556	3 176 626,469	38,194	37,734	67	82	51 197	26 285,127	183 774,730	6,992	6,532
18	33	98 433	82 291,447	3 093 454,913	37,591	37,131	68	83	47 415	24 102,409	157 489,603	6,534	6,074
19	34	98 342	81 401,940	3 011 163,466	36,991	36,531	69	84	43 463	21 875,088	133 387,194	6,098	5,638
20	35	98 249	80 519,340	2 929 761,526	36,386	35,926	70	85	39 378	19 622,526	111 512,107	5,683	5,223
21	36	98 148	79 640,540	2 849 242,185	35,776	35,316	71	86	35 169	17 351,902	91 889,581	5,296	4,836
22	37	98 047	78 770,804	2 769 601,646	35,160	34,700	72	87	30 950	15 118,737	74 537,679	4,930	4,470
23	38	97 940	77 905,959	2 690 830,841	34,539	34,079	73	88	26 604	12 867,137	59 418,942	4,618	4,158
24	39	97 829	77 046,679	2 612 924,883	33,914	33,454	74	89	22 520	10 784,213	46 551,805	4,317	3,857
25	40	97 704	76 186,276	2 535 878,203	33,285	32,825	75	90	18 673	8 853,531	35 767,591	4,040	3,580
26	41	97 576	75 333,515	2 459 691,928	32,651	32,191	76	91	15 274	7 170,224	26 914,060	3,754	3,294
27	42	97 436	74 480,143	2 384 358,413	32,013	31,553	77	92	12 072	5 610,807	19 743,837	3,519	3,059
28	43	97 282	73 626,330	2 309 878,269	31,373	30,913	78	93	9 304	4 281,495	14 133,030	3,301	2,841
29	44	97 119	72 775,283	2 236 251,939	30,728	30,268	79	94	6 969	3 175,054	9 851,536	3,103	2,643
30	45	96 947	71 926,951	2 163 476,656	30,079	29,619	80	95	5 071	2 287,547	6 676,482	2,919	2,459
31	46	96 751	71 071,236	2 091 549,705	29,429	28,969	81	96	3 571	1 595,047	4 388,934	2,752	2,292
32	47	96 530	70 206,349	2 020 478,469	28,779	28,319	82	97	2 432	1 075,328	2 793,888	2,598	2,138
33	48	96 290	69 338,802	1 950 272,120	28,127	27,667	83	98	1 598	699,585	1 718,560	2,457	1,997
34	49	96 042	68 475,303	1 880 933,318	27,469	27,009	84	99	1 011	438,383	1 018,974	2,324	1,864
35	50	95 764	67 600,829	1 812 458,015	26,811	26,351	85	100	614	263,636	580,591	2,202	1,742
36	51	95 457	66 717,336	1 744 857,186	26,153	25,693							
37	52	95 132	65 832,128	1 678 139,850	25,491	25,031							
38	53	94 775	64 935,523	1 612 307,722	24,829	24,369							
39	54	94 385	64 028,190	1 547 372,199	24,167	23,707							
40	55	93 974	63 118,085	1 483 344,009	23,501	23,041							
41	56	93 508	62 183,436	1 420 225,924	22,839	22,379							
42	57	93 015	61 243,133	1 358 042,488	22,175	21,715							
43	58	92 482	60 289,181	1 296 799,355	21,510	21,050							
44	59	91 884	59 305,813	1 236 510,174	20,850	20,390							
45	60	91 250	58 313,687	1 177 204,361	20,187	19,727							
46	61	90 532	57 282,214	1 118 890,674	19,533	19,073							
47	62	89 770	56 237,282	1 061 608,459	18,877	18,417							
48	63	88 930	55 159,939	1 005 371,178	18,226	17,766							
49	64	88 025	54 058,023	950 211,239	17,578	17,118							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	4 691 747,035	47,147	46,687	50	66	86 377	52 520,853	862 533,883	16,423	15,963
1	17	99 092	98 111,159	4 592 234,621	46,806	46,346	51	67	85 301	51 353,092	810 013,030	15,773	15,313
2	18	99 040	97 088,141	4 494 123,462	46,289	45,829	52	68	84 126	50 144,142	758 659,938	15,130	14,670
3	19	98 999	96 087,376	4 397 035,321	45,761	45,301	53	69	82 864	48 902,792	708 515,796	14,488	14,028
4	20	98 963	95 101,195	4 300 947,945	45,225	44,765	54	70	81 485	47 612,819	659 613,004	13,854	13,394
5	21	98 928	94 126,167	4 205 846,750	44,683	44,223	55	71	79 996	46 279,670	612 000,186	13,224	12,764
6	22	98 895	93 163,300	4 111 720,583	44,135	43,675	56	72	78 384	44 898,178	565 720,515	12,600	12,140
7	23	98 862	92 209,973	4 018 557,283	43,571	43,121	57	73	76 596	43 439,698	520 822,337	11,990	11,530
8	24	98 830	91 267,409	3 926 347,310	43,020	42,560	58	74	74 669	41 927,404	477 382,639	11,386	10,926
9	25	98 798	90 334,541	3 835 079,901	42,454	41,994	59	75	72 578	40 350,115	435 455,235	10,792	10,332
10	26	98 767	89 412,533	3 744 745,359	41,882	41,422	60	76	70 280	38 685,590	395 105,119	10,213	9,753
11	27	98 732	88 495,696	3 655 332,827	41,305	40,845	61	77	67 772	36 935,851	356 419,529	9,650	9,190
12	28	98 697	87 588,366	3 566 837,131	40,723	40,263	62	78	65 070	35 112,064	319 483,678	9,099	8,639
13	29	98 661	86 689,564	3 479 248,765	40,135	39,675	63	79	62 133	33 195,041	284 371,614	8,567	8,107
14	30	98 625	85 799,933	3 392 559,201	39,540	39,080	64	80	59 014	31 216,778	251 176,573	8,046	7,586
15	31	98 581	84 913,109	3 306 759,268	38,943	38,483	65	81	55 643	29 142,176	219 959,794	7,548	7,088
16	32	98 530	84 028,188	3 221 846,159	38,342	37,882	66	82	52 065	26 998,044	190 817,618	7,068	6,608
17	33	98 466	83 142,750	3 137 817,970	37,740	37,280	67	83	48 285	24 790,349	163 819,575	6,608	6,148
18	34	98 397	82 261,675	3 054 675,220	37,134	36,674	68	84	44 335	22 536,738	139 029,226	6,169	5,709
19	35	98 303	81 368,905	2 972 413,545	36,530	36,070	69	85	40 248	20 256,642	116 492,488	5,751	5,291
20	36	98 207	80 485,027	2 891 044,640	35,920	35,460	70	86	36 019	17 948,814	96 235,846	5,362	4,902
21	37	98 103	79 603,402	2 810 559,613	35,307	34,847	71	87	31 770	15 674,865	78 287,032	4,994	4,534
22	38	97 996	78 729,316	2 730 956,211	34,688	34,228	72	88	27 401	13 385,200	62 612,167	4,678	4,218
23	39	97 883	77 860,028	2 652 226,895	34,064	33,604	73	89	23 266	11 252,800	49 226,967	4,375	3,915
24	40	97 760	76 992,495	2 574 366,867	33,437	32,977	74	90	19 372	9 276,917	37 974,167	4,093	3,633
25	41	97 634	76 131,971	2 497 374,372	32,803	32,343	75	91	15 906	7 541,468	28 697,250	3,805	3,345
26	42	97 495	75 270,914	2 421 242,402	32,167	31,707	76	92	12 630	5 928,741	21 155,782	3,568	3,108
27	43	97 343	74 409,689	2 345 971,487	31,528	31,068	77	93	9 790	4 550,458	15 227,041	3,346	2,886
28	44	97 179	73 548,614	2 271 561,798	30,885	30,425	78	94	7 379	3 395,726	10 676,583	3,144	2,684
29	45	97 009	72 692,988	2 198 013,184	30,237	29,777	79	95	5 398	2 459,423	7 280,857	2,960	2,500
30	46	96 816	71 829,665	2 125 320,197	29,588	29,128	80	96	3 831	1 728,360	4 821,434	2,790	2,330
31	47	96 601	70 961,011	2 053 490,532	28,938	28,478	81	97	2 628	1 173,970	3 093,074	2,635	2,175
32	48	96 362	70 084,512	1 982 529,521	28,288	27,828	82	98	1 741	769,983	1 919,104	2,492	2,032
33	49	96 112	69 210,320	1 912 445,009	27,632	27,172	83	99	1 112	486,715	1 149,121	2,361	1,901
34	50	95 841	68 332,047	1 843 234,689	26,975	26,515	84	100	683	295,951	662,406	2,238	1,778
35	51	95 540	67 442,882	1 774 902,642	26,317	25,857							
36	52	95 219	66 551,158	1 707 459,760	25,656	25,196							
37	53	94 869	65 649,718	1 640 908,602	24,995	24,535							
38	54	94 487	64 738,172	1 575 258,884	24,333	23,873							
39	55	94 085	63 824,187	1 510 520,712	23,667	23,207							
40	56	93 636	62 891,015	1 446 696,526	23,003	22,543							
41	57	93 154	61 947,581	1 383 805,511	22,338	21,878							
42	58	92 632	60 990,427	1 321 857,929	21,673	21,213							
43	59	92 061	60 014,284	1 260 867,502	21,009	20,549							
44	60	91 444	59 022,429	1 200 853,218	20,346	19,886							
45	61	90 751	57 994,835	1 141 830,790	19,688	19,229							
46	62	90 017	56 956,538	1 083 835,955	19,029	18,569							
47	63	89 206	55 884,405	1 026 879,417	18,375	17,915							
48	64	88 337	54 792,098	970 995,012	17,721	17,261							
49	65	87 392	53 669,031	916 202,914	17,071	16,611							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	4 651 350,887	46,749	46,289	50	67	85 667	52 089,144	828 146,491	15,899	15,439
1	18	99 075	98 093,937	4 551 854,470	46,403	45,943	51	68	84 532	50 889,907	776 057,348	15,250	14,790
2	19	99 018	97 066,933	4 453 760,533	45,883	45,423	52	69	83 302	49 652,973	725 167,441	14,605	14,145
3	20	98 978	96 066,712	4 356 693,600	45,351	44,891	53	70	81 955	48 366,443	675 514,468	13,967	13,507
4	21	98 942	95 081,129	4 260 626,888	44,810	44,350	54	71	80 511	47 043,931	627 148,026	13,331	12,871
5	22	98 906	94 105,822	4 165 545,759	44,264	43,805	55	72	78 928	45 662,161	580 104,095	12,704	12,244
6	23	98 872	93 141,892	4 071 439,937	43,712	43,252	56	73	77 171	44 203,372	534 441,934	12,091	11,631
7	24	98 839	92 188,999	3 978 298,045	43,154	42,694	57	74	75 268	42 686,653	490 238,562	11,485	11,025
8	25	98 807	91 246,659	3 886 109,046	42,589	42,129	58	75	73 226	41 117,196	447 551,909	10,885	10,425
9	26	98 776	90 314,411	3 794 862,386	42,018	41,558	59	76	70 961	39 451,068	406 434,712	10,302	9,842
10	27	98 741	89 388,645	3 704 547,976	41,443	40,983	60	77	68 499	37 705,000	366 983,644	9,733	9,273
11	28	98 706	88 472,852	3 615 159,330	40,862	40,402	61	78	65 810	35 866,400	329 278,644	9,181	8,721
12	29	98 671	87 565,617	3 526 686,478	40,275	39,815	62	79	62 906	33 944,303	293 412,244	8,644	8,184
13	30	98 633	86 665,520	3 439 120,862	39,683	39,223	63	80	59 800	31 948,546	259 467,941	8,121	7,661
14	31	98 598	85 776,386	3 352 455,342	39,084	38,624	64	81	56 454	29 862,807	227 519,395	7,619	7,159
15	32	98 549	84 885,425	3 266 678,956	38,483	38,023	65	82	52 889	27 699,761	197 656,588	7,136	6,676
16	33	98 496	83 999,086	3 181 793,530	37,879	37,419	66	83	49 104	25 462,724	169 956,826	6,675	6,215
17	34	98 431	83 112,670	3 097 794,445	37,272	36,812	67	84	45 149	23 179,990	144 494,103	6,234	5,774
18	35	98 357	82 228,291	3 014 681,775	36,662	36,202	68	85	41 055	20 869,340	121 314,112	5,813	5,353
19	36	98 261	81 334,229	2 932 453,483	36,054	35,594	69	86	36 815	18 528,843	100 444,773	5,421	4,961
20	37	98 161	80 447,495	2 851 119,254	35,441	34,981	70	87	32 538	16 214,087	81 915,929	5,052	4,592
21	38	98 051	79 561,475	2 770 671,759	34,824	34,364	71	88	28 127	13 877,561	65 701,843	4,734	4,274
22	39	97 938	78 682,899	2 691 110,283	34,202	33,742	72	89	23 963	11 705,865	51 824,282	4,427	3,967
23	40	97 814	77 805,272	2 612 427,384	33,576	33,117	73	90	20 014	9 680,010	40 118,417	4,144	3,684
24	41	97 690	76 937,615	2 534 622,112	32,944	32,484	74	91	16 502	7 902,110	30 438,407	3,852	3,392
25	42	97 553	76 068,707	2 457 684,497	32,309	31,849	75	92	13 152	6 235,707	22 536,297	3,614	3,154
26	43	97 403	75 199,712	2 381 615,790	31,671	31,211	76	93	10 243	4 808,308	16 300,590	3,390	2,930
27	44	97 241	74 331,146	2 306 416,078	31,029	30,569	77	94	7 765	3 609,046	11 492,282	3,184	2,724
28	45	97 069	73 465,443	2 232 084,932	30,383	29,923	78	95	5 716	2 630,358	7 883,237	2,997	2,537
29	46	96 878	72 594,666	2 158 619,489	29,735	29,275	79	96	4 078	1 858,221	5 252,879	2,827	2,367
30	47	96 665	71 718,263	2 086 024,823	29,086	28,626	80	97	2 820	1 272,090	3 394,658	2,669	2,209
31	48	96 434	70 837,864	2 014 306,560	28,435	27,975	81	98	1 882	840,615	2 122,568	2,525	2,065
32	49	96 183	69 954,648	1 943 468,696	27,782	27,322	82	99	1 211	535,692	1 281,953	2,393	1,933
33	50	95 911	69 065,527	1 873 514,048	27,127	26,667	83	100	750	328,579	746,261	2,271	1,811
34	51	95 617	68 172,392	1 804 448,521	26,469	26,009							
35	52	95 302	67 274,896	1 736 276,129	25,809	25,349							
36	53	94 955	66 366,755	1 669 001,233	25,148	24,688							
37	54	94 581	65 450,196	1 602 634,477	24,486	24,026							
38	55	94 186	64 531,906	1 537 184,281	23,821	23,361							
39	56	93 746	63 594,577	1 472 652,375	23,157	22,697							
40	57	93 281	62 652,476	1 409 057,798	22,490	22,030							
41	58	92 769	61 691,969	1 346 405,322	21,825	21,365							
42	59	92 209	60 712,332	1 284 713,353	21,161	20,701							
43	60	91 621	59 727,515	1 224 001,021	20,493	20,033							
44	61	90 944	58 699,701	1 164 273,507	19,834	19,374							
45	62	90 235	57 665,107	1 105 573,805	19,172	18,712							
46	63	89 453	56 599,148	1 047 908,698	18,515	18,055							
47	64	88 611	55 511,732	991 309,550	17,858	17,398							
48	65	87 702	54 397,824	935 797,817	17,203	16,743							
49	66	86 715	53 253,502	881 399,994	16,551	16,091							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	4 609 754,043	46,339	45,879	50	68	84 895	51 619,319	793 049,513	15,363	14,903
1	19	99 053	98 072,510	4 510 275,092	45,989	45,529	51	69	83 704	50 391,433	741 430,194	14,713	14,253
2	20	98 997	97 046,058	4 412 202,582	45,465	45,005	52	70	82 389	49 108,396	691 038,761	14,072	13,612
3	21	98 957	96 046,443	4 315 156,524	44,928	44,468	53	71	80 976	47 788,550	641 930,365	13,433	12,973
4	22	98 920	95 060,578	4 219 110,081	44,383	43,923	54	72	79 437	46 416,224	594 141,815	12,800	12,340
5	23	98 883	94 084,197	4 124 049,503	43,834	43,374	55	73	77 707	44 955,532	547 725,592	12,184	11,724
6	24	98 850	93 120,706	4 029 965,306	43,277	42,817	56	74	75 833	43 437,089	502 770,059	11,575	11,115
7	25	98 817	92 168,040	3 936 844,600	42,714	42,254	57	75	73 814	41 861,773	459 332,970	10,973	10,513
8	26	98 785	91 226,326	3 844 676,560	42,144	41,684	58	76	71 594	40 201,057	417 471,197	10,385	9,925
9	27	98 749	90 290,283	3 753 450,234	41,571	41,111	59	77	69 162	38 451,075	377 270,140	9,812	9,352
10	28	98 715	89 365,571	3 663 159,952	40,991	40,531	60	78	66 515	36 613,279	338 819,065	9,254	8,794
11	29	98 681	88 449,873	3 573 794,381	40,405	39,945	61	79	63 621	34 673,552	302 205,786	8,716	8,256
12	30	98 644	87 541,329	3 485 344,508	39,814	39,354	62	80	60 544	32 669,673	267 532,234	8,189	7,729
13	31	98 606	86 641,735	3 397 803,179	39,217	38,757	63	81	57 206	30 562,836	234 862,561	7,685	7,225
14	32	98 566	85 748,421	3 311 161,443	38,615	38,155	64	82	53 660	28 384,724	204 299,725	7,198	6,738
15	33	98 515	84 856,026	3 225 413,022	38,010	37,550	65	83	49 881	26 124,536	175 915,001	6,734	6,274
16	34	98 460	83 968,696	3 140 556,997	37,402	36,942	66	84	45 914	23 808,688	149 790,465	6,291	5,831
17	35	98 391	83 078,941	3 056 588,301	36,791	36,331	67	85	41 808	21 465,000	125 981,777	5,869	5,409
18	36	98 315	82 193,249	2 973 509,360	36,177	35,717	68	86	37 553	19 089,281	104 516,776	5,475	5,015
19	37	98 215	81 296,302	2 891 316,111	35,565	35,105	69	87	33 257	16 738,057	85 427,496	5,104	4,644
20	38	98 110	80 405,124	2 810 019,809	34,948	34,488	70	88	28 807	14 354,954	68 689,439	4,785	4,325
21	39	97 993	79 514,568	2 729 614,685	34,328	33,869	71	89	24 599	12 136,454	54 334,485	4,477	4,017
22	40	97 869	78 627,565	2 650 100,117	33,704	33,244	72	90	20 614	10 069,751	42 198,031	4,191	3,731
23	41	97 744	77 749,813	2 571 472,552	33,074	32,614	73	91	17 048	8 245,466	32 128,280	3,896	3,436
24	42	97 609	76 873,682	2 493 722,739	32,439	31,979	74	92	13 644	6 533,905	23 882,814	3,655	3,195
25	43	97 461	75 996,750	2 416 849,058	31,802	31,342	75	93	10 666	5 057,262	17 348,909	3,430	2,971
26	44	97 300	75 120,335	2 340 852,308	31,161	30,701	76	94	8 124	3 813,551	12 291,647	3,223	2,763
27	45	97 131	74 247,091	2 265 731,973	30,516	30,056	77	95	6 015	2 795,596	8 478,096	3,033	2,573
28	46	96 938	73 366,077	2 191 484,882	29,871	29,411	78	96	4 319	1 987,371	5 682,499	2,859	2,399
29	47	96 728	72 482,077	2 118 118,805	29,223	28,763	79	97	3 002	1 367,669	3 695,128	2,702	2,242
30	48	96 498	71 593,802	2 045 636,728	28,573	28,113	80	98	2 019	910,873	2 327,459	2,555	2,095
31	49	96 255	70 706,604	1 974 042,926	27,919	27,459	81	99	1 309	584,832	1 416,586	2,422	1,962
32	50	95 982	69 808,298	1 903 336,322	27,265	26,805	82	100	818	361,643	831,754	2,300	1,840
33	51	95 687	68 904,158	1 833 528,024	26,610	26,150							
34	52	95 379	68 002,589	1 764 623,866	25,949	25,489							
35	53	95 038	67 088,489	1 696 621,277	25,289	24,829							
36	54	94 667	66 165,054	1 629 532,788	24,628	24,168							
37	55	94 279	65 241,662	1 563 367,734	23,963	23,503							
38	56	93 847	64 299,750	1 498 126,072	23,299	22,839							
39	57	93 391	63 353,369	1 433 826,321	22,632	22,172							
40	58	92 896	62 393,955	1 370 472,952	21,965	21,505							
41	59	92 346	61 410,675	1 308 078,997	21,301	20,841							
42	60	91 769	60 422,227	1 246 668,322	20,633	20,173							
43	61	91 120	59 400,932	1 186 246,095	19,970	19,510							
44	62	90 427	58 365,966	1 126 845,163	19,307	18,847							
45	63	89 669	57 303,271	1 068 479,197	18,646	18,186							
46	64	88 856	56 221,709	1 011 175,926	17,986	17,526							
47	65	87 974	55 112,280	954 954,216	17,327	16,867							
48	66	87 023	53 976,652	899 841,936	16,671	16,211							
49	67	86 002	52 815,771	845 865,284	16,015	15,555							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	4 566 988,707	45,919	45,459	50	69	84 063	51 113,700	757 317,941	14,816	14,356
1	20	99 032	98 051,419	4 467 531,486	45,563	45,103	51	70	82 786	49 838,757	706 204,240	14,170	13,710
2	21	98 976	97 025,583	4 369 480,067	45,034	44,574	52	71	81 404	48 521,638	656 365,484	13,527	13,067
3	22	98 935	96 025,683	4 272 454,484	44,493	44,033	53	72	79 896	47 150,908	607 843,845	12,891	12,431
4	23	98 898	95 038,733	4 176 428,801	43,944	43,485	54	73	78 208	45 697,926	560 692,938	12,270	11,810
5	24	98 861	94 062,797	4 081 390,068	43,390	42,930	55	74	76 360	44 176,210	514 995,012	11,658	11,198
6	25	98 827	93 099,535	3 987 327,271	42,829	42,369	56	75	74 367	42 597,708	470 818,802	11,053	10,593
7	26	98 795	92 147,501	3 894 227,736	42,261	41,801	57	76	72 169	40 929,044	428 221,094	10,463	10,003
8	27	98 759	91 201,954	3 802 080,235	41,689	41,229	58	77	69 779	39 182,054	387 292,050	9,884	9,424
9	28	98 724	90 266,976	3 710 878,281	41,110	40,650	59	78	67 160	37 337,752	348 109,996	9,323	8,863
10	29	98 690	89 342,360	3 620 611,306	40,525	40,065	60	79	64 303	35 395,591	310 772,245	8,780	8,320
11	30	98 653	88 425,340	3 531 268,946	39,935	39,475	61	80	61 232	33 371,538	275 376,654	8,252	7,792
12	31	98 617	87 517,304	3 442 843,605	39,339	38,879	62	81	57 918	31 252,685	242 005,116	7,743	7,284
13	32	98 574	86 613,488	3 355 326,301	38,739	38,279	63	82	54 374	29 050,104	210 752,431	7,255	6,795
14	33	98 531	85 718,722	3 268 712,813	38,133	37,673	64	83	50 609	26 770,547	181 702,327	6,787	6,327
15	34	98 480	84 825,325	3 182 994,091	37,524	37,064	65	84	46 641	24 427,510	154 931,780	6,343	5,883
16	35	98 420	83 934,619	3 098 168,765	36,912	36,452	66	85	42 517	22 047,183	130 504,270	5,919	5,459
17	36	98 349	83 043,537	3 014 234,146	36,297	35,837	67	86	38 242	19 634,134	108 457,087	5,524	5,064
18	37	98 269	82 154,921	2 931 190,609	35,679	35,219	68	87	33 923	17 244,329	88 822,953	5,151	4,691
19	38	98 163	81 253,483	2 849 035,688	35,064	34,604	69	88	29 443	14 818,845	71 578,624	4,830	4,370
20	39	98 052	80 357,719	2 767 782,205	34,443	33,983	70	89	25 193	12 553,952	56 759,778	4,521	4,061
21	40	97 924	79 458,649	2 687 424,485	33,822	33,362	71	90	21 160	10 440,157	44 205,826	4,234	3,774
22	41	97 799	78 571,519	2 607 965,837	33,192	32,732	72	91	17 559	8 577,448	33 765,669	3,937	3,477
23	42	97 663	77 685,204	2 529 394,317	32,560	32,100	73	92	14 096	6 817,811	25 188,221	3,694	3,234
24	43	97 517	76 800,964	2 451 709,113	31,923	31,463	74	93	11 066	5 299,106	18 370,410	3,467	3,007
25	44	97 358	75 916,531	2 374 908,150	31,283	30,823	75	94	8 460	4 011,001	13 071,303	3,259	2,799
26	45	97 190	75 035,387	2 298 991,618	30,639	30,179	76	95	6 293	2 954,008	9 060,302	3,067	2,607
27	46	96 999	74 146,667	2 223 956,231	29,994	29,534	77	96	4 544	2 112,218	6 106,294	2,891	2,431
28	47	96 788	73 252,292	2 149 809,564	29,348	28,888	78	97	3 179	1 462,724	3 994,077	2,731	2,271
29	48	96 560	72 356,291	2 076 557,272	28,699	28,239	79	98	2 149	979,312	2 531,352	2,585	2,125
30	49	96 319	71 461,142	2 004 200,981	28,046	27,586	80	99	1 405	633,712	1 552,040	2,449	1,989
31	50	96 053	70 558,681	1 932 739,840	27,392	26,932	81	100	884	394,818	918,328	2,326	1,866
32	51	95 758	69 645,193	1 862 181,159	26,738	26,278							
33	52	95 448	68 732,532	1 792 535,965	26,080	25,620							
34	53	95 115	67 814,165	1 723 803,433	25,420	24,960							
35	54	94 749	66 884,594	1 655 989,268	24,759	24,299							
36	55	94 365	65 954,243	1 589 104,674	24,094	23,634							
37	56	93 940	65 006,953	1 523 150,431	23,431	22,971							
38	57	93 491	64 055,868	1 458 143,478	22,764	22,304							
39	58	93 005	63 091,956	1 394 087,610	22,096	21,636							
40	59	92 473	62 109,461	1 330 995,654	21,430	20,970							
41	60	91 905	61 117,233	1 268 886,193	20,762	20,302							
42	61	91 267	60 091,846	1 207 768,960	20,099	19,639							
43	62	90 602	59 063,210	1 147 677,115	19,431	18,971							
44	63	89 860	57 999,732	1 088 613,905	18,769	18,309							
45	64	89 071	56 921,137	1 030 614,172	18,106	17,646							
46	65	88 217	55 817,148	973 693,036	17,444	16,984							
47	66	87 293	54 685,577	917 875,887	16,785	16,325							
48	67	86 307	53 532,977	863 190,310	16,124	15,664							
49	68	85 227	52 339,392	809 657,333	15,469	15,009							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	4 523 089,236	45,488	45,028	50	70	83 141	50 553,103	721 024,233	14,263	13,803
1	21	99 011	98 030,731	4 423 653,404	45,125	44,665	51	71	81 797	49 243,273	670 471,130	13,615	13,156
2	22	98 954	97 004,611	4 325 622,673	44,592	44,132	52	72	80 318	47 874,214	621 227,857	12,976	12,516
3	23	98 913	96 003,616	4 228 618,062	44,046	43,586	53	73	78 659	46 421,241	573 353,643	12,351	11,891
4	24	98 875	95 017,116	4 132 614,446	43,493	43,033	54	74	76 852	44 905,734	526 932,403	11,734	11,274
5	25	98 838	94 041,412	4 037 597,329	42,934	42,474	55	75	74 884	43 322,546	482 026,669	11,126	10,666
6	26	98 805	93 078,788	3 943 555,918	42,368	41,908	56	76	72 711	41 648,581	438 704,123	10,533	10,073
7	27	98 768	92 122,883	3 850 477,129	41,797	41,337	57	77	70 340	39 891,588	397 055,542	9,953	9,493
8	28	98 733	91 178,412	3 758 354,246	41,220	40,760	58	78	67 759	38 047,566	357 163,954	9,387	8,927
9	29	98 698	90 243,531	3 667 175,835	40,636	40,176	59	79	64 926	36 095,969	319 116,389	8,841	8,381
10	30	98 662	89 317,580	3 576 932,304	40,047	39,587	60	80	61 888	34 066,464	283 020,420	8,308	7,848
11	31	98 626	88 401,073	3 487 614,724	39,452	38,992	61	81	58 576	31 924,108	248 953,956	7,798	7,338
12	32	98 585	87 488,771	3 399 213,652	38,853	38,393	62	82	55 051	29 705,809	217 029,849	7,306	6,846
13	33	98 540	86 583,490	3 311 724,880	38,249	37,789	63	83	51 282	27 398,088	187 324,039	6,837	6,377
14	34	98 496	85 687,710	3 225 141,390	37,638	37,178	64	84	47 321	25 031,556	159 925,951	6,389	5,929
15	35	98 440	84 790,901	3 139 453,680	37,026	36,566	65	85	43 190	22 620,221	134 894,395	5,963	5,503
16	36	98 378	83 898,850	3 054 662,779	36,409	35,949	66	86	38 891	20 166,660	112 274,174	5,567	5,107
17	37	98 303	83 004,812	2 970 763,929	35,790	35,330	67	87	34 546	17 736,523	92 107,514	5,193	4,733
18	38	98 218	82 111,650	2 887 759,116	35,169	34,709	68	88	30 034	15 267,067	74 370,991	4,871	4,411
19	39	98 105	81 205,579	2 805 647,466	34,550	34,090	69	89	25 749	12 959,643	59 103,924	4,561	4,101
20	40	97 983	80 301,207	2 724 441,887	33,928	33,468	70	90	21 672	10 799,302	46 144,281	4,273	3,813
21	41	97 854	79 402,011	2 644 140,680	33,301	32,841	71	91	18 025	8 892,961	35 344,979	3,974	3,515
22	42	97 718	78 506,228	2 564 738,669	32,669	32,209	72	92	14 519	7 092,313	26 452,017	3,730	3,270
23	43	97 571	77 611,718	2 486 232,441	32,034	31,574	73	93	11 432	5 529,359	19 359,704	3,501	3,041
24	44	97 414	76 719,896	2 408 620,723	31,395	30,935	74	94	8 777	4 202,812	13 830,346	3,291	2,831
25	45	97 248	75 830,683	2 331 900,827	30,751	30,291	75	95	6 553	3 106,954	9 627,534	3,099	2,639
26	46	97 059	74 933,897	2 256 070,143	30,107	29,647	76	96	4 754	2 231,906	6 520,580	2,922	2,462
27	47	96 849	74 031,672	2 181 136,246	29,462	29,002	77	97	3 345	1 554,613	4 288,674	2,759	2,299
28	48	96 620	73 125,169	2 107 104,575	28,815	28,355	78	98	2 276	1 047,376	2 734,062	2,610	2,150
29	49	96 381	72 222,217	2 033 979,406	28,163	27,703	79	99	1 495	681,327	1 686,685	2,476	2,016
30	50	96 117	71 311,640	1 961 757,188	27,510	27,050	80	100	948	427,817	1 005,359	2,350	1,890
31	51	95 829	70 393,823	1 890 445,549	26,855	26,395							
32	52	95 519	69 471,722	1 820 051,726	26,198	25,738							
33	53	95 184	68 542,086	1 750 580,004	25,540	25,080							
34	54	94 826	67 608,065	1 682 037,918	24,879	24,419							
35	55	94 447	66 671,490	1 614 429,853	24,215	23,755							
36	56	94 026	65 716,970	1 547 758,363	23,552	23,092							
37	57	93 584	64 760,389	1 482 041,393	22,885	22,425							
38	58	93 106	63 791,556	1 417 281,004	22,217	21,757							
39	59	92 581	62 804,279	1 353 489,448	21,551	21,091							
40	60	92 031	61 812,680	1 290 685,169	20,881	20,421							
41	61	91 403	60 783,052	1 228 872,490	20,217	19,757							
42	62	90 748	59 750,195	1 168 089,438	19,550	19,090							
43	63	90 033	58 692,601	1 108 339,243	18,884	18,424							
44	64	89 261	57 612,953	1 049 646,641	18,219	17,759							
45	65	88 430	56 511,543	992 033,688	17,555	17,095							
46	66	87 534	55 384,988	935 522,145	16,891	16,431							
47	67	86 575	54 236,075	880 137,157	16,228	15,768							
48	68	85 529	53 050,129	825 901,083	15,568	15,108							
49	69	84 392	51 826,721	772 850,953	14,912	14,452							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	4 478 084,442	45,044	44,584	50	71	82 148	49 949,084	684 259,844	13,699	13,239
1	22	98 990	98 009,542	4 378 669,589	44,676	44,216	51	72	80 706	48 586,220	634 310,761	13,055	12,595
2	23	98 932	96 982,320	4 280 660,047	44,139	43,679	52	73	79 075	47 133,354	585 724,541	12,427	11,967
3	24	98 890	95 981,780	4 183 677,727	43,588	43,128	53	74	77 296	45 616,510	538 591,187	11,807	11,347
4	25	98 853	94 995,514	4 087 695,948	43,030	42,570	54	75	75 367	44 037,972	492 974,678	11,194	10,734
5	26	98 816	94 020,455	3 992 700,434	42,466	42,006	55	76	73 216	42 357,269	448 936,706	10,599	10,139
6	27	98 779	93 053,922	3 898 679,979	41,897	41,437	56	77	70 867	40 592,886	406 579,437	10,016	9,556
7	28	98 743	92 099,103	3 805 626,057	41,321	40,861	57	78	68 303	38 736,556	365 986,551	9,448	8,988
8	29	98 708	91 154,730	3 713 526,954	40,739	40,279	58	79	65 505	36 782,176	327 249,995	8,897	8,437
9	30	98 671	90 218,501	3 622 372,225	40,151	39,691	59	80	62 488	34 740,542	290 467,819	8,361	7,901
10	31	98 635	89 293,068	3 532 153,724	39,557	39,097	60	81	59 204	32 588,892	255 727,277	7,847	7,387
11	32	98 594	88 372,252	3 442 860,656	38,959	38,499	61	82	55 677	30 343,999	223 138,385	7,354	6,894
12	33	98 550	87 458,470	3 354 488,405	38,355	37,895	62	83	51 921	28 016,505	192 794,386	6,881	6,421
13	34	98 504	86 552,165	3 267 029,934	37,746	37,286	63	84	47 951	25 618,334	164 777,881	6,432	5,972
14	35	98 456	85 652,936	3 180 477,770	37,132	36,672	64	85	43 820	23 179,577	139 159,547	6,004	5,544
15	36	98 398	84 754,767	3 094 824,833	36,515	36,055	65	86	39 506	20 690,820	115 979,971	5,605	5,145
16	37	98 332	83 859,727	3 010 070,066	35,894	35,434	66	87	35 132	18 217,581	95 289,151	5,231	4,771
17	38	98 251	82 961,094	2 926 210,339	35,272	34,812	67	88	30 585	15 702,826	77 071,570	4,908	4,448
18	39	98 160	82 063,240	2 843 249,246	34,647	34,187	68	89	26 266	13 351,630	61 368,745	4,596	4,136
19	40	98 036	81 148,470	2 761 186,006	34,026	33,566	69	90	22 150	11 148,290	48 017,115	4,307	3,847
20	41	97 913	80 243,969	2 680 037,536	33,399	32,939	70	91	18 460	9 198,883	36 868,825	4,008	3,548
21	42	97 773	79 336,030	2 599 793,567	32,769	32,309	71	92	14 904	7 353,197	27 669,942	3,763	3,303
22	43	97 626	78 431,965	2 520 457,538	32,136	31,676	72	93	11 775	5 751,984	20 316,746	3,532	3,072
23	44	97 468	77 529,795	2 442 025,572	31,498	31,038	73	94	9 067	4 385,429	14 564,762	3,321	2,861
24	45	97 304	76 633,140	2 364 495,777	30,855	30,395	74	95	6 798	3 255,532	10 179,333	3,127	2,667
25	46	97 116	75 728,117	2 287 862,637	30,212	29,752	75	96	4 951	2 347,464	6 923,800	2,949	2,490
26	47	96 908	74 817,681	2 212 134,520	29,567	29,107	76	97	3 499	1 642,704	4 576,336	2,786	2,326
27	48	96 681	73 903,196	2 137 316,839	28,920	28,461	77	98	2 395	1 113,172	2 933,632	2,635	2,175
28	49	96 441	72 989,671	2 063 413,643	28,270	27,810	78	99	1 583	728,680	1 820,459	2,498	2,038
29	50	96 179	72 071,123	1 990 423,972	27,617	27,158	79	100	1 010	459,961	1 091,779	2,374	1,914
30	51	95 893	71 145,023	1 918 352,849	26,964	26,504							
31	52	95 590	70 218,487	1 847 207,826	26,307	25,847							
32	53	95 255	69 279,227	1 776 989,339	25,650	25,190							
33	54	94 894	68 333,773	1 707 710,112	24,991	24,531							
34	55	94 523	67 392,656	1 639 376,338	24,326	23,866							
35	56	94 107	66 431,637	1 571 983,683	23,663	23,203							
36	57	93 669	65 467,713	1 505 552,046	22,997	22,537							
37	58	93 198	64 493,169	1 440 084,333	22,329	21,869							
38	59	92 681	63 500,689	1 375 591,164	21,663	21,203							
39	60	92 139	62 504,178	1 312 090,475	20,992	20,532							
40	61	91 527	61 474,696	1 249 586,297	20,327	19,867							
41	62	90 883	60 437,471	1 188 111,601	19,659	19,199							
42	63	90 179	59 375,276	1 127 674,130	18,992	18,532							
43	64	89 433	58 301,202	1 068 298,854	18,324	17,864							
44	65	88 618	57 198,381	1 009 997,652	17,658	17,198							
45	66	87 745	56 074,006	952 799,271	16,992	16,532							
46	67	86 814	54 929,737	896 725,265	16,325	15,865							
47	68	85 794	53 746,885	841 795,528	15,662	15,202							
48	69	84 691	52 530,496	788 048,643	15,002	14,542							
49	70	83 466	51 258,303	735 518,147	14,349	13,889							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	4 432 001,827	44,591	44,131	50	72	81 052	49 282,613	647 104,030	13,130	12,670
1	23	98 967	97 987,020	4 332 608,463	44,216	43,756	51	73	79 457	47 834,341	597 821,417	12,498	12,038
2	24	98 909	96 960,261	4 234 621,443	43,674	43,214	52	74	77 704	46 316,278	549 987,076	11,875	11,415
3	25	98 868	95 959,958	4 137 661,182	43,119	42,659	53	75	75 802	44 735,013	503 670,798	11,259	10,799
4	26	98 831	94 974,345	4 041 701,224	42,556	42,096	54	76	73 688	43 056,755	458 935,785	10,659	10,199
5	27	98 790	93 995,337	3 946 726,879	41,989	41,529	55	77	71 360	41 283,610	415 879,031	10,074	9,614
6	28	98 753	93 029,902	3 852 731,543	41,414	40,954	56	78	68 816	39 417,548	374 595,420	9,503	9,043
7	29	98 717	92 075,182	3 759 701,641	40,833	40,373	57	79	66 031	37 448,251	335 177,872	8,950	8,490
8	30	98 680	91 129,447	3 667 626,459	40,246	39,786	58	80	63 046	35 400,981	297 729,620	8,410	7,950
9	31	98 644	90 193,741	3 576 497,013	39,653	39,194	59	81	59 778	33 233,734	262 328,639	7,893	7,433
10	32	98 603	89 263,956	3 486 303,272	39,056	38,596	60	82	56 274	30 975,880	229 094,905	7,396	6,936
11	33	98 560	88 341,645	3 397 039,316	38,453	37,993	61	83	52 511	28 618,402	198 119,025	6,923	6,463
12	34	98 515	87 426,829	3 308 697,671	37,845	37,385	62	84	48 548	26 196,578	169 500,623	6,470	6,010
13	35	98 464	86 517,040	3 221 270,843	37,233	36,773	63	85	44 403	23 722,941	143 304,045	6,041	5,581
14	36	98 414	85 616,435	3 134 753,803	36,614	36,154	64	86	40 082	21 202,465	119 581,105	5,640	5,180
15	37	98 352	84 715,245	3 049 137,368	35,993	35,533	65	87	35 688	18 691,081	98 378,640	5,263	4,803
16	38	98 280	83 815,558	2 964 422,123	35,368	34,908	66	88	31 104	16 128,725	79 687,558	4,941	4,481
17	39	98 193	82 912,182	2 880 606,565	34,743	34,283	67	89	26 748	13 732,717	63 558,834	4,628	4,168
18	40	98 091	82 005,528	2 797 694,383	34,116	33,656	68	90	22 595	11 485,489	49 826,117	4,338	3,878
19	41	97 966	81 090,628	2 715 688,855	33,490	33,030	69	91	18 868	9 496,151	38 340,627	4,037	3,578
20	42	97 832	80 177,288	2 634 598,227	32,860	32,400	70	92	15 264	7 606,149	28 844,476	3,792	3,332
21	43	97 681	79 260,982	2 554 420,940	32,228	31,768	71	93	12 087	5 963,565	21 238,326	3,561	3,101
22	44	97 522	78 349,177	2 475 159,958	31,591	31,131	72	94	9 339	4 561,997	15 274,761	3,348	2,888
23	45	97 357	77 442,123	2 396 810,781	30,950	30,490	73	95	7 024	3 396,989	10 712,764	3,154	2,694
24	46	97 172	76 529,489	2 319 368,658	30,307	29,847	74	96	5 137	2 459,723	7 315,775	2,974	2,514
25	47	96 966	75 610,669	2 242 839,170	29,663	29,203	75	97	3 644	1 727,757	4 856,052	2,811	2,351
26	48	96 740	74 687,841	2 167 228,500	29,017	28,557	76	98	2 506	1 176,250	3 128,296	2,660	2,200
27	49	96 502	73 766,256	2 092 540,659	28,367	27,907	77	99	1 666	774,456	1 952,046	2,521	2,061
28	50	96 239	72 836,971	2 018 774,403	27,716	27,256	78	100	1 069	491,929	1 177,590	2,394	1,934
29	51	95 954	71 902,732	1 945 937,432	27,063	26,603							
30	52	95 654	70 967,816	1 874 034,700	26,407	25,947							
31	53	95 325	70 023,923	1 803 066,884	25,749	25,289							
32	54	94 965	69 068,675	1 733 042,961	25,092	24,632							
33	55	94 592	68 116,052	1 663 974,286	24,429	23,969							
34	56	94 183	67 150,209	1 595 858,235	23,765	23,306							
35	57	93 750	66 179,669	1 528 708,026	23,099	22,639							
36	58	93 283	65 197,575	1 462 528,357	22,432	21,972							
37	59	92 773	64 199,103	1 397 330,783	21,766	21,306							
38	60	92 238	63 197,260	1 333 131,679	21,095	20,635							
39	61	91 635	62 162,413	1 269 934,419	20,429	19,969							
40	62	91 007	61 125,183	1 207 772,006	19,759	19,299							
41	63	90 313	60 058,240	1 146 646,823	19,092	18,632							
42	64	89 577	58 979,324	1 086 588,583	18,423	17,963							
43	65	88 789	57 881,677	1 027 609,259	17,754	17,294							
44	66	87 932	56 755,527	969 727,582	17,086	16,626							
45	67	87 024	55 613,091	912 972,056	16,416	15,957							
46	68	86 031	54 434,291	857 358,965	15,750	15,290							
47	69	84 954	53 220,427	802 924,674	15,087	14,627							
48	70	83 762	51 954,359	749 704,247	14,430	13,970							
49	71	82 469	50 645,858	697 749,888	13,777	13,317							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} : 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	4 384 868,421	44,126	43,666	50	73	79 797	48 519,958	609 654,529	12,565	12,105
1	24	98 944	97 964,732	4 285 497,897	43,745	43,285	51	74	78 079	47 005,113	561 134,571	11,938	11,478
2	25	98 887	96 938,216	4 187 533,164	43,198	42,738	52	75	76 203	45 421,259	514 129,458	11,319	10,859
3	26	98 846	95 938,574	4 090 594,948	42,638	42,178	53	76	74 113	43 738,265	468 708,199	10,716	10,256
4	27	98 804	94 948,972	3 994 656,374	42,072	41,612	54	77	71 820	41 965,366	424 969,935	10,127	9,667
5	28	98 765	93 971,074	3 899 707,402	41,499	41,039	55	78	69 294	40 088,273	383 004,569	9,554	9,094
6	29	98 727	93 005,739	3 805 736,329	40,919	40,459	56	79	66 527	38 106,595	342 916,295	8,999	8,539
7	30	98 690	92 049,644	3 712 730,590	40,334	39,874	57	80	63 552	36 042,046	304 809,700	8,457	7,997
8	31	98 653	91 104,437	3 620 680,947	39,742	39,282	58	81	60 311	33 865,528	268 767,655	7,936	7,476
9	32	98 611	90 164,335	3 529 576,509	39,146	38,686	59	82	56 819	31 588,804	234 902,127	7,436	6,976
10	33	98 569	89 233,040	3 439 412,174	38,544	38,084	60	83	53 074	29 214,349	203 313,322	6,959	6,499
11	34	98 524	88 309,683	3 350 179,134	37,937	37,477	61	84	49 100	26 759,377	174 098,973	6,506	6,046
12	35	98 475	87 391,349	3 261 869,451	37,325	36,865	62	85	44 956	24 258,403	147 339,596	6,074	5,614
13	36	98 423	86 480,170	3 174 478,102	36,708	36,248	63	86	40 616	21 699,482	123 081,193	5,672	5,212
14	37	98 368	85 576,510	3 087 997,932	36,085	35,625	64	87	36 209	19 153,277	101 381,711	5,293	4,833
15	38	98 300	84 670,626	3 002 421,421	35,460	35,000	65	88	31 596	16 547,933	82 228,434	4,969	4,509
16	39	98 222	83 766,143	2 917 750,796	34,832	34,372	66	89	27 201	14 105,182	65 680,501	4,656	4,197
17	40	98 124	82 853,873	2 833 984,653	34,205	33,745	67	90	23 009	11 813,312	51 575,319	4,366	3,906
18	41	98 021	81 947,075	2 751 130,780	33,572	33,112	68	91	19 246	9 783,379	39 762,007	4,064	3,604
19	42	97 885	81 023,243	2 669 183,705	32,943	32,483	69	92	15 601	7 851,948	29 978,627	3,818	3,358
20	43	97 739	80 101,444	2 588 160,461	32,311	31,851	70	93	12 379	6 168,714	22 126,680	3,587	3,127
21	44	97 577	79 177,318	2 508 059,017	31,676	31,217	71	94	9 587	4 729,805	15 957,966	3,374	2,914
22	45	97 412	78 260,578	2 428 881,699	31,036	30,576	72	95	7 234	3 533,760	11 228,160	3,177	2,717
23	46	97 226	77 337,377	2 350 621,121	30,394	29,934	73	96	5 307	2 566,601	7 694,400	2,998	2,538
24	47	97 021	76 410,798	2 273 283,744	29,751	29,291	74	97	3 781	1 810,380	5 127,799	2,832	2,372
25	48	96 797	75 479,454	2 196 872,946	29,106	28,646	75	98	2 609	1 237,151	3 317,419	2,681	2,222
26	49	96 561	74 549,447	2 121 393,493	28,456	27,996	76	99	1 743	818,340	2 080,268	2,542	2,082
27	50	96 300	73 611,932	2 046 844,045	27,806	27,346	77	100	1 125	522,832	1 261,928	2,414	1,954
28	51	96 014	72 666,790	1 973 232,114	27,155	26,695							
29	52	95 715	71 723,637	1 900 565,323	26,498	26,038							
30	53	95 389	70 771,175	1 828 841,686	25,842	25,382							
31	54	95 036	69 811,108	1 758 070,510	25,183	24,723							
32	55	94 663	68 848,611	1 688 259,403	24,521	24,061							
33	56	94 252	67 871,002	1 619 410,792	23,860	23,400							
34	57	93 826	66 895,515	1 551 539,790	23,193	22,733							
35	58	93 363	65 906,593	1 484 644,275	22,526	22,067							
36	59	92 857	64 900,297	1 418 737,681	21,860	21,400							
37	60	92 329	63 892,337	1 353 837,385	21,189	20,729							
38	61	91 734	62 851,706	1 289 945,047	20,524	20,064							
39	62	91 114	61 808,990	1 227 093,342	19,853	19,393							
40	63	90 436	60 741,636	1 165 284,352	19,184	18,724							
41	64	89 710	59 657,733	1 104 542,715	18,515	18,055							
42	65	88 933	58 554,920	1 044 884,982	17,845	17,385							
43	66	88 102	57 433,532	986 330,062	17,173	16,713							
44	67	87 210	56 289,010	928 896,530	16,502	16,042							
45	68	86 239	55 111,481	872 607,521	15,833	15,374							
46	69	85 188	53 901,099	817 496,039	15,167	14,707							
47	70	84 022	52 636,723	763 594,940	14,507	14,047							
48	71	82 761	51 333,598	710 958,217	13,850	13,390							
49	72	81 369	49 970,090	659 624,619	13,200	12,740							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	4 336 710,707	43,652	43,192	50	74	78 414	47 678,844	572 042,722	11,998	11,538
1	25	98 922	97 942,460	4 237 362,785	43,264	42,804	51	75	76 570	46 096,783	524 363,877	11,375	10,915
2	26	98 865	96 916,614	4 139 420,325	42,711	42,251	52	76	74 505	44 409,220	478 267,094	10,770	10,310
3	27	98 819	95 912,943	4 042 503,711	42,148	41,688	53	77	72 234	42 629,601	433 857,874	10,177	9,717
4	28	98 779	94 924,462	3 946 590,767	41,576	41,116	54	78	69 740	40 750,289	391 228,273	9,601	9,141
5	29	98 739	93 946,666	3 851 666,305	40,998	40,538	55	79	66 989	38 755,013	350 477,984	9,043	8,583
6	30	98 700	92 979,942	3 757 719,639	40,414	39,954	56	80	64 029	36 675,668	311 722,971	8,499	8,039
7	31	98 663	92 024,381	3 664 739,697	39,824	39,364	57	81	60 795	34 478,787	275 047,302	7,977	7,517
8	32	98 621	91 074,735	3 572 715,315	39,228	38,768	58	82	57 326	32 189,327	240 568,515	7,474	7,014
9	33	98 577	90 133,108	3 481 640,580	38,628	38,168	59	83	53 588	29 792,418	208 379,188	6,994	6,534
10	34	98 533	89 200,756	3 391 507,473	38,021	37,561	60	84	49 626	27 316,612	178 586,770	6,538	6,078
11	35	98 484	88 273,845	3 302 306,717	37,410	36,950	61	85	45 467	24 779,563	151 270,159	6,105	5,645
12	36	98 433	87 354,107	3 214 032,872	36,793	36,333	62	86	41 121	22 189,272	126 490,596	5,701	5,241
13	37	98 377	86 439,843	3 126 678,765	36,172	35,712	63	87	36 690	19 602,258	104 301,323	5,321	4,861
14	38	98 316	85 531,437	3 040 238,922	35,545	35,085	64	88	32 057	16 957,132	84 699,065	4,995	4,535
15	39	98 242	84 620,706	2 954 707,484	34,917	34,457	65	89	27 632	14 471,796	67 741,933	4,681	4,221
16	40	98 153	83 707,233	2 870 086,778	34,287	33,827	66	90	23 399	12 133,718	53 270,137	4,390	3,930
17	41	98 054	82 794,816	2 786 379,545	33,654	33,194	67	91	19 599	10 062,620	41 136,419	4,088	3,628
18	42	97 939	81 878,979	2 703 584,729	33,019	32,559	68	92	15 914	8 089,444	31 073,799	3,841	3,381
19	43	97 792	80 946,600	2 621 705,751	32,388	31,928	69	93	12 653	6 368,061	22 984,355	3,609	3,149
20	44	97 636	80 016,893	2 540 759,151	31,753	31,293	70	94	9 818	4 892,513	16 616,294	3,396	2,936
21	45	97 467	79 087,783	2 460 742,258	31,114	30,654	71	95	7 426	3 663,746	11 723,782	3,200	2,740
22	46	97 280	78 154,725	2 381 654,475	30,474	30,014	72	96	5 466	2 669,938	8 060,036	3,019	2,559
23	47	97 075	77 217,434	2 303 499,750	29,831	29,371	73	97	3 906	1 889,043	5 390,097	2,853	2,393
24	48	96 853	76 278,193	2 226 282,316	29,186	28,726	74	98	2 707	1 296,313	3 501,054	2,701	2,241
25	49	96 618	75 339,593	2 150 004,123	28,538	28,078	75	99	1 815	860,710	2 204,741	2,562	2,102
26	50	96 359	74 393,485	2 074 664,530	27,888	27,428	76	100	1 177	552,458	1 344,031	2,433	1,973
27	51	96 075	73 439,940	2 000 271,045	27,237	26,777							
28	52	95 775	72 485,793	1 926 831,105	26,582	26,122							
29	53	95 450	71 524,903	1 854 345,312	25,926	25,466							
30	54	95 099	70 556,089	1 782 820,409	25,268	24,808							
31	55	94 733	69 588,679	1 712 264,321	24,606	24,146							
32	56	94 322	68 600,926	1 642 675,642	23,945	23,485							
33	57	93 894	67 613,575	1 574 074,716	23,280	22,820							
34	58	93 439	66 619,486	1 506 461,141	22,613	22,153							
35	59	92 938	65 606,083	1 439 841,655	21,947	21,487							
36	60	92 414	64 590,180	1 374 235,573	21,276	20,816							
37	61	91 824	63 542,982	1 309 645,393	20,610	20,150							
38	62	91 212	62 494,364	1 246 102,411	19,939	19,479							
39	63	90 542	61 421,153	1 183 608,047	19,270	18,810							
40	64	89 833	60 336,572	1 122 186,894	18,599	18,139							
41	65	89 065	59 228,447	1 061 850,322	17,928	17,468							
42	66	88 244	58 101,562	1 002 621,875	17,256	16,796							
43	67	87 378	56 961,442	944 520,313	16,582	16,122							
44	68	86 423	55 781,304	887 558,870	15,911	15,451							
45	69	85 394	54 571,657	831 777,567	15,242	14,782							
46	70	84 254	53 309,930	777 205,910	14,579	14,119							
47	71	83 018	52 007,809	723 895,980	13,919	13,459							
48	72	81 657	50 648,654	671 888,171	13,266	12,806							
49	73	80 110	49 196,796	621 239,518	12,628	12,168							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	4 287 552,138	43,167	42,707	50	75	76 899	46 757,495	534 381,884	11,429	10,969
1	26	98 900	97 920,634	4 188 226,803	42,772	42,312	51	76	74 864	45 069,693	487 624,389	10,819	10,359
2	27	98 838	96 890,722	4 090 306,169	42,216	41,756	52	77	72 616	43 283,550	442 554,695	10,225	9,765
3	28	98 794	95 888,185	3 993 415,447	41,647	41,187	53	78	70 143	41 395,292	399 271,146	9,645	9,185
4	29	98 753	94 899,807	3 897 527,262	41,070	40,610	54	79	67 421	39 395,012	357 875,854	9,084	8,624
5	30	98 712	93 920,609	3 802 627,455	40,488	40,028	55	80	64 474	37 299,738	318 480,843	8,538	8,078
6	31	98 673	92 954,425	3 708 706,846	39,898	39,438	56	81	61 252	35 084,928	281 181,105	8,014	7,554
7	32	98 630	91 994,379	3 615 752,421	39,304	38,844	57	82	57 786	32 772,233	246 096,177	7,509	7,049
8	33	98 587	91 043,192	3 523 758,042	38,704	38,244	58	83	54 066	30 358,790	213 323,945	7,027	6,567
9	34	98 542	90 100,498	3 432 714,850	38,099	37,639	59	84	50 107	27 857,130	182 965,154	6,568	6,108
10	35	98 493	89 164,556	3 342 614,352	37,488	37,028	60	85	45 954	25 295,570	155 108,025	6,132	5,672
11	36	98 442	88 236,227	3 253 449,795	36,872	36,412	61	86	41 589	22 665,979	129 812,454	5,727	5,267
12	37	98 387	87 313,372	3 165 213,569	36,251	35,791	62	87	37 147	20 044,711	107 146,475	5,345	4,885
13	38	98 325	86 394,316	3 077 900,197	35,626	35,166	63	88	32 483	17 354,633	87 101,764	5,019	4,559
14	39	98 258	85 481,011	2 991 505,881	34,996	34,536	64	89	28 035	14 829,656	69 747,131	4,703	4,243
15	40	98 173	84 561,196	2 906 024,870	34,366	33,906	65	90	23 770	12 449,091	54 917,475	4,411	3,951
16	41	98 083	83 647,567	2 821 463,675	33,730	33,270	66	91	19 932	10 335,543	42 468,384	4,109	3,649
17	42	97 973	82 726,015	2 737 816,107	33,095	32,635	67	92	16 206	8 320,336	32 132,841	3,862	3,402
18	43	97 847	81 801,526	2 655 090,092	32,458	31,998	68	93	12 906	6 560,674	23 812,506	3,630	3,170
19	44	97 689	80 861,157	2 573 288,567	31,824	31,364	69	94	10 035	5 050,618	17 251,832	3,416	2,956
20	45	97 525	79 926,408	2 492 427,410	31,184	30,724	70	95	7 605	3 789,780	12 201,214	3,220	2,760
21	46	97 335	78 980,811	2 412 501,002	30,545	30,085	71	96	5 611	2 768,149	8 411,434	3,039	2,579
22	47	97 130	78 033,514	2 333 520,191	29,904	29,444	72	97	4 023	1 965,101	5 643,284	2,872	2,412
23	48	96 906	77 083,429	2 255 486,677	29,260	28,800	73	98	2 797	1 352,639	3 678,184	2,719	2,259
24	49	96 674	76 136,853	2 178 403,248	28,612	28,152	74	99	1 883	901,870	2 325,544	2,579	2,119
25	50	96 416	75 181,977	2 102 266,395	27,962	27,502	75	100	1 226	581,062	1 423,674	2,450	1,990
26	51	96 133	74 219,667	2 027 084,418	27,312	26,852							
27	52	95 835	73 257,017	1 952 864,751	26,658	26,198							
28	53	95 509	72 284,946	1 879 607,734	26,003	25,543							
29	54	95 160	71 307,526	1 807 322,787	25,345	24,885							
30	55	94 796	70 331,286	1 736 015,262	24,683	24,223							
31	56	94 392	69 338,331	1 665 683,975	24,023	23,563							
32	57	93 964	68 340,730	1 596 345,644	23,359	22,899							
33	58	93 507	67 334,582	1 528 004,914	22,693	22,233							
34	59	93 013	66 315,724	1 460 670,332	22,026	21,566							
35	60	92 494	65 292,594	1 394 354,607	21,355	20,895							
36	61	91 908	64 237,009	1 329 062,014	20,690	20,230							
37	62	91 302	63 181,710	1 264 825,005	20,019	19,559							
38	63	90 640	62 102,226	1 201 643,295	19,349	18,889							
39	64	89 939	61 011,557	1 139 541,069	18,677	18,217							
40	65	89 187	59 902,402	1 078 529,512	18,005	17,545							
41	66	88 375	58 769,875	1 018 627,110	17,332	16,872							
42	67	87 519	57 623,981	959 857,235	16,657	16,197							
43	68	86 589	56 447,671	902 233,254	15,984	15,524							
44	69	85 576	55 234,918	845 785,583	15,313	14,853							
45	70	84 458	53 973,133	790 550,665	14,647	14,187							
46	71	83 247	52 672,972	736 577,532	13,984	13,524							
47	72	81 910	51 313,869	683 904,560	13,328	12,868							
48	73	80 393	49 864,858	632 590,691	12,686	12,226							
49	74	78 721	48 343,949	582 725,833	12,054	11,594							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	56 668,056	1 291 425,957	22,789	22,329
1	0	99 594	98 607,732	5 072 994,838	51,446	50,986	51	50	92 606	55 750,424	1 234 757,900	22,148	21,688
2	1	99 240	97 284,395	4 974 387,106	51,132	50,672	52	51	91 946	54 805,080	1 179 007,477	21,513	21,053
3	2	99 192	96 275,261	4 877 102,711	50,658	50,198	53	52	91 234	53 842,614	1 124 202,396	20,879	20,419
4	3	99 162	95 292,283	4 780 827,449	50,170	49,710	54	53	90 460	52 856,798	1 070 359,782	20,250	19,790
5	4	99 133	94 321,674	4 685 535,166	49,676	49,216	55	54	89 607	51 840,072	1 017 502,984	19,628	19,168
6	5	99 110	93 365,799	4 591 213,492	49,174	48,714	56	55	88 705	50 810,319	965 662,912	19,005	18,545
7	6	99 090	92 423,279	4 497 847,693	48,666	48,206	57	56	87 728	49 752,866	914 852,594	18,388	17,928
8	7	99 073	91 492,011	4 405 424,414	48,151	47,691	58	57	86 699	48 682,583	865 099,727	17,770	17,310
9	8	99 055	90 569,873	4 313 932,404	47,631	47,171	59	58	85 578	47 577,232	816 417,144	17,160	16,700
10	9	99 040	89 659,874	4 223 362,531	47,104	46,644	60	59	84 370	46 441,355	768 839,911	16,555	16,095
11	10	99 025	88 758,580	4 133 702,656	46,572	46,112	61	60	83 076	45 276,606	722 398,557	15,955	15,495
12	11	99 008	87 864,159	4 044 944,076	46,036	45,576	62	61	81 693	44 081,995	677 121,951	15,361	14,901
13	12	98 989	86 978,211	3 957 079,918	45,495	45,035	63	62	80 230	42 863,867	633 039,956	14,769	14,309
14	13	98 973	86 102,901	3 870 101,707	44,947	44,487	64	63	78 680	41 619,287	590 176,089	14,180	13,720
15	14	98 947	85 227,953	3 783 998,806	44,399	43,939	65	64	77 032	40 344,109	548 556,802	13,597	13,137
16	15	98 915	84 356,812	3 698 770,853	43,847	43,387	66	65	75 285	39 039,118	508 212,693	13,018	12,558
17	16	98 872	83 485,511	3 614 414,041	43,294	42,834	67	66	73 457	37 713,966	469 173,575	12,440	11,980
18	17	98 823	82 617,415	3 530 928,530	42,738	42,278	68	67	71 540	36 365,994	431 459,609	11,864	11,404
19	18	98 750	81 739,611	3 448 311,115	42,187	41,727	69	68	69 501	34 979,956	395 093,615	11,295	10,835
20	19	98 675	80 868,507	3 366 571,504	41,630	41,170	70	69	67 333	33 553,031	360 113,660	10,733	10,273
21	20	98 595	80 002,788	3 285 702,997	41,070	40,610	71	70	65 024	32 081,420	326 560,628	10,179	9,719
22	21	98 518	79 149,309	3 205 700,209	40,502	40,042	72	71	62 587	30 573,489	294 479,208	9,632	9,172
23	22	98 442	78 304,631	3 126 550,900	39,928	39,468	73	72	59 955	28 998,015	263 905,720	9,101	8,641
24	23	98 365	77 468,832	3 048 246,269	39,348	38,888	74	73	57 135	27 360,425	234 907,705	8,586	8,126
25	24	98 286	76 640,188	2 970 777,437	38,763	38,303	75	74	54 118	25 659,074	207 547,279	8,089	7,629
26	25	98 205	75 819,161	2 894 137,248	38,172	37,712	76	75	50 964	23 924,523	181 888,205	7,603	7,143
27	26	98 123	75 005,912	2 818 318,087	37,575	37,115	77	76	47 628	22 137,068	157 963,682	7,136	6,676
28	27	98 035	74 196,448	2 743 312,175	36,974	36,514	78	77	44 114	20 300,659	135 826,614	6,691	6,231
29	28	97 949	73 397,355	2 669 115,727	36,365	35,905	79	78	40 454	18 431,820	115 525,955	6,268	5,808
30	29	97 861	72 605,033	2 595 718,371	35,751	35,291	80	79	36 739	16 573,553	97 094,135	5,858	5,398
31	30	97 768	71 818,493	2 523 113,338	35,132	34,672	81	80	32 958	14 720,844	80 520,582	5,470	5,010
32	31	97 669	71 035,211	2 451 294,845	34,508	34,048	82	81	29 168	12 899,091	65 799,738	5,101	4,641
33	32	97 564	70 256,473	2 380 259,634	33,880	33,420	83	82	25 442	11 139,684	52 900,647	4,749	4,289
34	33	97 460	69 486,271	2 310 003,161	33,244	32,784	84	83	21 828	9 462,901	41 760,962	4,413	3,953
35	34	97 346	68 717,831	2 240 516,890	32,605	32,145	85	84	18 364	7 882,080	32 298,062	4,098	3,638
36	35	97 222	67 950,982	2 171 799,059	31,961	31,501	86	85	15 087	6 411,500	24 415,982	3,808	3,348
37	36	97 092	67 188,184	2 103 848,077	31,313	30,853	87	86	12 066	5 077,080	18 004,482	3,546	3,086
38	37	96 951	66 426,262	2 036 659,894	30,660	30,200	88	87	9 354	3 896,701	12 927,402	3,318	2,858
39	38	96 796	65 663,164	1 970 233,632	30,005	29,545	89	88	7 032	2 900,504	9 030,702	3,113	2,654
40	39	96 625	64 898,432	1 904 570,468	29,347	28,887	90	89	5 139	2 098,757	6 130,198	2,921	2,461
41	40	96 425	64 123,141	1 839 672,036	28,690	28,230	91	90	3 670	1 483,975	4 031,441	2,717	2,257
42	41	96 213	63 348,766	1 775 548,895	28,028	27,568	92	91	2 519	1 008,480	2 547,466	2,526	2,066
43	42	95 978	62 568,369	1 712 200,129	27,365	26,905	93	92	1 630	646,255	1 538,987	2,381	1,921
44	43	95 703	61 771,259	1 649 631,759	26,705	26,246	94	93	1 013	397,403	892,732	2,246	1,786
45	44	95 399	60 965,090	1 587 860,500	26,045	25,585	95	94	600	233,138	495,329	2,125	1,665
46	45	95 061	60 147,878	1 526 895,410	25,386	24,926	96	95	338	130,139	262,190	2,015	1,555
47	46	94 671	59 307,994	1 466 747,532	24,731	24,271	97	96	181	68,938	132,052	1,916	1,456
48	47	94 232	58 448,357	1 407 439,538	24,080	23,620	98	97	92	34,565	63,114	1,826	1,366
49	48	93 736	57 565,224	1 348 991,181	23,434	22,974	99	98	44	16,360	28,549	1,745	1,285
							100	99	20	7,290	12,189	1,672	1,212

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	56 773,255	1 306 271,167	23,009	22,549
1							51	49	92 800	55 867,302	1 249 497,912	22,365	21,905
2	0	99 558	97 596,667	4 990 796,178	51,137	50,677	52	50	92 161	54 933,430	1 193 630,610	21,729	21,269
3	1	99 221	96 302,643	4 893 199,511	50,811	50,351	53	51	91 462	53 977,059	1 138 697,179	21,096	20,636
4	2	99 178	95 307,648	4 796 896,868	50,331	49,871	54	52	90 711	53 003,663	1 084 720,120	20,465	20,005
5	3	99 147	94 335,200	4 701 589,219	49,839	49,379	55	53	89 880	51 998,104	1 031 716,458	19,841	19,381
6	4	99 122	93 376,990	4 607 254,019	49,340	48,880	56	54	88 989	50 972,726	979 718,354	19,220	18,760
7	5	99 099	92 431,640	4 513 877,029	48,835	48,375	57	55	88 044	49 932,500	928 745,628	18,600	18,140
8	6	99 081	91 499,347	4 421 445,389	48,322	47,862	58	56	87 029	48 867,934	878 813,128	17,983	17,523
9	7	99 063	90 577,440	4 329 946,042	47,804	47,344	59	57	85 932	47 774,363	829 945,194	17,372	16,912
10	8	99 046	89 665,444	4 239 368,602	47,280	46,820	60	58	84 756	46 654,081	782 170,831	16,765	16,305
11	9	99 031	88 764,215	4 149 703,158	46,750	46,290	61	59	83 475	45 493,992	735 516,750	16,167	15,707
12	10	99 016	87 871,238	4 060 938,943	46,215	45,755	62	60	82 142	44 324,356	690 022,758	15,568	15,108
13	11	98 997	86 985,120	3 973 067,706	45,675	45,215	63	61	80 689	43 108,961	645 698,403	14,978	14,518
14	12	98 981	86 109,501	3 886 082,586	45,130	44,670	64	62	79 176	41 882,088	602 589,442	14,388	13,928
15	13	98 957	85 236,337	3 799 973,085	44,582	44,122	65	63	77 549	40 614,956	560 707,354	13,805	13,345
16	14	98 927	84 367,257	3 714 736,747	44,031	43,571	66	64	75 831	39 322,073	520 092,399	13,226	12,766
17	15	98 886	83 496,830	3 630 369,491	43,479	43,019	67	65	74 030	38 008,242	480 770,326	12,649	12,189
18	16	98 839	82 630,699	3 546 872,661	42,924	42,464	68	66	72 133	36 667,391	442 762,084	12,075	11,615
19	17	98 768	81 753,962	3 464 241,962	42,374	41,914	69	67	70 134	35 298,334	406 094,693	11,505	11,045
20	18	98 697	80 886,176	3 382 488,000	41,818	41,358	70	68	67 999	33 884,939	370 796,359	10,943	10,483
21	19	98 616	80 019,997	3 301 601,824	41,260	40,800	71	69	65 745	32 437,180	336 911,420	10,387	9,927
22	20	98 539	79 166,012	3 221 581,828	40,694	40,234	72	70	63 344	30 943,205	304 474,240	9,840	9,380
23	21	98 463	78 321,560	3 142 415,815	40,122	39,662	73	71	60 766	29 390,168	273 531,035	9,307	8,847
24	22	98 387	77 486,638	3 064 094,255	39,544	39,084	74	72	58 033	27 790,487	244 140,868	8,785	8,325
25	23	98 308	76 657,625	2 986 607,617	38,960	38,500	75	73	55 073	26 111,732	216 350,380	8,286	7,826
26	24	98 228	75 836,403	2 909 949,993	38,371	37,911	76	74	51 969	24 395,952	190 238,649	7,798	7,338
27	25	98 145	75 022,630	2 834 113,590	37,777	37,317	77	75	48 714	22 641,548	165 842,697	7,325	6,865
28	26	98 061	74 216,276	2 759 090,960	37,176	36,716	78	76	45 261	20 828,616	143 201,148	6,875	6,415
29	27	97 974	73 416,306	2 684 874,684	36,571	36,111	79	77	41 660	18 981,414	122 372,533	6,447	5,987
30	28	97 886	72 623,896	2 611 458,377	35,959	35,499	80	78	38 003	17 143,720	103 391,119	6,031	5,571
31	29	97 796	71 838,418	2 538 834,481	35,341	34,881	81	79	34 244	15 295,188	86 247,399	5,639	5,179
32	30	97 696	71 054,711	2 466 996,063	34,720	34,260	82	80	30 491	13 483,933	70 952,211	5,262	4,802
33	31	97 596	70 279,386	2 395 941,352	34,092	33,632	83	81	26 767	11 719,763	57 468,278	4,904	4,444
34	32	97 494	69 510,346	2 325 661,966	33,458	32,998	84	82	23 144	10 033,483	45 748,515	4,560	4,100
35	33	97 381	68 742,702	2 256 151,620	32,820	32,360	85	83	19 639	8 429,663	35 715,032	4,237	3,777
36	34	97 262	67 978,569	2 187 408,919	32,178	31,718	86	84	16 292	6 923,760	27 285,369	3,941	3,481
37	35	97 133	67 216,828	2 119 430,350	31,531	31,071	87	85	13 191	5 550,513	20 361,609	3,668	3,208
38	36	96 996	66 457,252	2 052 213,521	30,880	30,420	88	86	10 354	4 313,604	14 811,096	3,434	2,974
39	37	96 847	65 697,767	1 985 756,270	30,226	29,766	89	87	7 943	3 276,153	10 497,491	3,204	2,744
40	38	96 682	64 936,717	1 920 058,503	29,568	29,108	90	88	5 876	2 399,846	7 221,339	3,009	2,549
41	39	96 493	64 168,268	1 855 121,786	28,910	28,450	91	89	4 266	1 725,088	4 821,493	2,795	2,335
42	40	96 282	63 393,953	1 790 953,518	28,251	27,791	92	90	2 957	1 183,935	3 096,405	2,615	2,155
43	41	96 058	62 620,405	1 727 559,565	27,588	27,128	93	91	1 972	781,581	1 912,470	2,447	1,987
44	42	95 794	61 829,747	1 664 939,159	26,928	26,468	94	92	1 249	490,006	1 130,889	2,308	1,848
45	43	95 500	61 029,510	1 603 109,413	26,268	25,808	95	93	756	293,952	640,883	2,180	1,720
46	44	95 169	60 215,972	1 542 079,903	25,609	25,149	96	94	437	168,006	346,931	2,065	1,605
47	45	94 799	59 388,321	1 481 863,931	24,952	24,492	97	95	240	91,242	178,925	1,961	1,501
48	46	94 378	58 539,146	1 422 475,610	24,300	23,840	98	96	125	46,962	87,683	1,867	1,407
49	47	93 899	57 665,297	1 363 936,464	23,653	23,193	99	97	61	22,847	40,720	1,782	1,322
							100	98	28	10,479	17,873	1,706	1,246

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	56 871,951	1 320 051,706	23,211	22,751
1							51	48	92 972	55 971,014	1 263 179,755	22,568	22,108
2							52	49	92 354	55 048,596	1 207 208,741	21,930	21,470
3	0	99 539	96 611,764	4 908 427,605	50,806	50,346	53	50	91 676	54 103,470	1 152 160,145	21,295	20,836
4	1	99 206	95 334,755	4 811 815,841	50,473	50,013	54	51	90 938	53 136,013	1 098 056,675	20,665	20,205
5	2	99 163	94 350,411	4 716 481,086	49,989	49,529	55	52	90 130	52 142,582	1 044 920,662	20,040	19,580
6	3	99 136	93 390,381	4 622 130,675	49,493	49,033	56	53	89 260	51 128,113	992 778,079	19,417	18,957
7	4	99 111	92 442,719	4 528 740,293	48,990	48,530	57	54	88 326	50 092,101	941 649,966	18,798	18,338
8	5	99 090	91 507,624	4 436 297,574	48,480	48,020	58	55	87 343	49 044,373	891 557,865	18,179	17,719
9	6	99 071	90 584,703	4 344 789,950	47,964	47,504	59	56	86 259	47 956,256	842 513,492	17,568	17,108
10	7	99 055	89 672,935	4 254 205,247	47,441	46,981	60	57	85 107	46 847,386	794 557,236	16,961	16,501
11	8	99 038	88 769,729	4 164 532,312	46,914	46,454	61	58	83 858	45 702,379	747 709,850	16,360	15,900
12	9	99 022	87 876,816	4 075 762,583	46,380	45,920	62	59	82 537	44 537,170	702 007,472	15,762	15,302
13	10	99 005	86 992,128	3 987 885,767	45,842	45,382	63	60	81 133	43 345,972	657 470,302	15,168	14,708
14	11	98 989	86 116,341	3 900 893,639	45,298	44,838	64	61	79 629	42 121,568	614 124,330	14,580	14,120
15	12	98 964	85 242,872	3 814 777,298	44,752	44,292	65	62	78 039	40 871,415	572 002,762	13,995	13,535
16	13	98 937	84 375,557	3 729 534,427	44,202	43,742	66	63	76 340	39 586,058	531 131,347	13,417	12,957
17	14	98 898	83 507,168	3 645 158,870	43,651	43,191	67	64	74 567	38 283,724	491 545,289	12,840	12,380
18	15	98 852	82 641,902	3 561 651,702	43,097	42,637	68	65	72 696	36 953,501	453 261,565	12,266	11,806
19	16	98 784	81 767,107	3 479 009,800	42,548	42,088	69	66	70 715	35 590,882	416 308,064	11,697	11,237
20	17	98 714	80 900,377	3 397 242,693	41,993	41,533	70	67	68 618	34 193,350	380 717,181	11,134	10,674
21	18	98 638	80 037,480	3 316 342,317	41,435	40,975	71	68	66 395	32 758,500	346 523,831	10,578	10,118
22	19	98 560	79 183,041	3 236 304,837	40,871	40,411	72	69	64 046	31 286,343	313 765,781	10,029	9,569
23	20	98 484	78 338,089	3 157 121,796	40,301	39,841	73	70	61 501	29 745,574	282 479,439	9,497	9,037
24	21	98 409	77 503,390	3 078 783,707	39,725	39,265	74	71	58 818	28 166,310	252 733,864	8,973	8,513
25	22	98 331	76 675,244	3 001 280,317	39,143	38,683	75	72	55 939	26 522,166	224 567,554	8,467	8,007
26	23	98 250	75 853,656	2 924 605,073	38,556	38,096	76	73	52 886	24 826,327	198 045,388	7,977	7,517
27	24	98 168	75 039,691	2 848 751,417	37,963	37,503	77	74	49 674	23 087,696	173 219,062	7,503	7,043
28	25	98 083	74 232,818	2 773 711,726	37,365	36,905	78	75	46 293	21 303,278	150 131,365	7,047	6,587
29	26	98 001	73 435,926	2 699 478,908	36,760	36,300	79	76	42 743	19 475,061	128 828,088	6,615	6,155
30	27	97 911	72 642,647	2 626 042,982	36,150	35,690	80	77	39 136	17 654,905	109 353,027	6,194	5,734
31	28	97 821	71 857,081	2 553 400,335	35,534	35,074	81	78	35 422	15 821,377	91 698,121	5,796	5,336
32	29	97 723	71 074,425	2 481 543,253	34,915	34,455	82	79	31 680	14 010,018	75 876,744	5,416	4,956
33	30	97 623	70 298,678	2 410 468,829	34,289	33,829	83	80	27 980	12 251,134	61 866,726	5,050	4,590
34	31	97 525	69 533,015	2 340 170,150	33,656	33,196	84	81	24 350	10 555,958	49 615,592	4,700	4,240
35	32	97 415	68 766,518	2 270 637,135	33,020	32,560	85	82	20 824	8 937,944	39 059,634	4,370	3,910
36	33	97 297	68 003,172	2 201 870,617	32,379	31,919	86	83	17 424	7 404,767	30 121,690	4,068	3,608
37	34	97 173	67 244,117	2 133 867,444	31,733	31,273	87	84	14 245	5 993,983	22 716,923	3,790	3,330
38	35	97 038	66 485,585	2 066 623,327	31,084	30,624	88	85	11 320	4 715,844	16 722,940	3,546	3,086
39	36	96 892	65 728,417	2 000 137,742	30,430	29,970	89	86	8 792	3 626,665	12 007,096	3,311	2,851
40	37	96 733	64 970,937	1 934 409,325	29,773	29,313	90	87	6 637	2 710,654	8 380,431	3,092	2,632
41	38	96 550	64 206,122	1 869 438,388	29,116	28,656	91	88	4 878	1 972,571	5 669,777	2,874	2,414
42	39	96 350	63 438,567	1 805 232,266	28,456	27,996	92	89	3 438	1 376,298	3 697,206	2,686	2,226
43	40	96 127	62 665,073	1 741 793,699	27,795	27,335	93	90	2 315	917,561	2 320,908	2,529	2,069
44	41	95 874	61 881,169	1 679 128,626	27,135	26,675	94	91	1 510	592,613	1 403,347	2,368	1,908
45	42	95 590	61 087,295	1 617 247,458	26,474	26,014	95	92	933	362,449	810,734	2,237	1,777
46	43	95 269	60 279,600	1 556 160,163	25,816	25,356	96	93	551	211,830	448,285	2,116	1,656
47	44	94 907	59 455,555	1 495 880,563	25,160	24,700	97	94	309	117,792	236,456	2,007	1,547
48	45	94 506	58 618,431	1 436 425,008	24,505	24,045	98	95	165	62,156	118,664	1,909	1,449
49	46	94 045	57 754,870	1 377 806,577	23,856	23,396	99	96	83	31,042	56,508	1,820	1,360
							100	97	40	14,634	25,466	1,740	1,280

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	56 960,292	1 332 813,041	23,399	22,939
1							51	47	93 134	56 068,316	1 275 852,749	22,755	22,295
2							52	48	92 526	55 150,788	1 219 784,433	22,117	21,657
3							53	49	91 869	54 216,896	1 164 633,645	21,481	21,021
4	0	99 524	95 640,769	4 825 920,162	50,459	49,999	54	50	91 150	53 260,454	1 110 416,749	20,849	20,389
5	1	99 191	94 377,246	4 730 279,393	50,121	49,661	55	51	90 355	52 272,783	1 057 156,295	20,224	19,764
6	2	99 152	93 405,440	4 635 902,148	49,632	49,172	56	52	89 508	51 270,175	1 004 883,512	19,600	19,140
7	3	99 125	92 455,976	4 542 496,708	49,131	48,671	57	53	88 595	50 244,805	953 613,338	18,979	18,519
8	4	99 102	91 518,593	4 450 040,732	48,624	48,164	58	54	87 622	49 201,135	903 368,533	18,361	17,901
9	5	99 080	90 592,898	4 358 522,139	48,111	47,651	59	55	86 571	48 129,403	854 167,398	17,747	17,287
10	6	99 063	89 680,125	4 267 929,242	47,591	47,131	60	56	85 432	47 025,750	806 037,995	17,140	16,680
11	7	99 046	88 777,145	4 178 249,116	47,064	46,604	61	57	84 205	45 891,741	759 012,246	16,539	16,079
12	8	99 028	87 882,275	4 089 471,971	46,534	46,074	62	58	82 915	44 741,174	713 120,505	15,939	15,479
13	9	99 011	86 997,651	4 001 589,696	45,997	45,537	63	59	81 522	43 554,088	668 379,331	15,346	14,886
14	10	98 996	86 123,279	3 914 592,045	45,453	44,993	64	60	80 067	42 353,150	624 825,243	14,753	14,293
15	11	98 972	85 249,642	3 828 468,766	44,909	44,449	65	61	78 485	41 105,116	582 472,092	14,170	13,710
16	12	98 945	84 382,025	3 743 219,124	44,360	43,900	66	62	76 822	39 836,020	541 366,976	13,590	13,130
17	13	98 908	83 515,383	3 658 837,099	43,810	43,350	67	63	75 068	38 540,739	501 530,956	13,013	12,553
18	14	98 864	82 652,134	3 575 321,716	43,257	42,797	68	64	73 223	37 221,339	462 990,218	12,439	11,979
19	15	98 797	81 778,193	3 492 669,582	42,709	42,249	69	65	71 267	35 868,593	425 768,878	11,870	11,410
20	16	98 730	80 913,384	3 410 891,389	42,155	41,695	70	66	69 187	34 476,741	389 900,286	11,309	10,849
21	17	98 655	80 051,532	3 329 978,005	41,598	41,138	71	67	66 999	33 056,204	355 423,545	10,752	10,292
22	18	98 582	79 200,342	3 249 926,473	41,034	40,574	72	68	64 680	31 595,828	322 367,341	10,203	9,743
23	19	98 505	78 354,939	3 170 726,131	40,466	40,006	73	69	62 183	30 075,431	290 771,512	9,668	9,208
24	20	98 430	77 519,746	3 092 371,192	39,891	39,431	74	70	59 529	28 506,917	260 696,081	9,145	8,685
25	21	98 352	76 691,821	3 014 851,446	39,311	38,851	75	71	56 695	26 880,837	232 189,164	8,638	8,178
26	22	98 273	75 871,091	2 938 159,625	38,726	38,266	76	72	53 717	25 216,556	205 308,327	8,142	7,682
27	23	98 190	75 056,763	2 862 288,535	38,135	37,675	77	73	50 550	23 494,992	180 091,771	7,665	7,205
28	24	98 105	74 249,699	2 787 231,772	37,539	37,079	78	74	47 205	21 723,055	156 596,779	7,209	6,749
29	25	98 022	73 452,294	2 712 982,072	36,935	36,475	79	75	43 717	19 918,877	134 873,724	6,771	6,311
30	26	97 937	72 662,060	2 639 529,779	36,326	35,866	80	76	40 154	18 114,055	114 954,847	6,346	5,886
31	27	97 846	71 875,635	2 566 867,719	35,713	35,253	81	77	36 478	16 293,133	96 840,792	5,944	5,484
32	28	97 749	71 092,890	2 494 992,084	35,095	34,635	82	78	32 770	14 491,994	80 547,659	5,558	5,098
33	29	97 650	70 318,182	2 423 899,194	34,470	34,010	83	79	29 072	12 729,120	66 055,665	5,189	4,729
34	30	97 552	69 552,103	2 353 581,012	33,839	33,379	84	80	25 454	11 034,562	53 326,544	4,833	4,373
35	31	97 447	68 788,945	2 284 028,909	33,203	32,743	85	81	21 908	9 403,372	42 291,982	4,498	4,038
36	32	97 331	68 026,733	2 215 239,964	32,564	32,104	86	82	18 475	7 851,250	32 888,610	4,189	3,729
37	33	97 208	67 268,455	2 147 213,231	31,920	31,460	87	83	15 235	6 410,397	25 037,360	3,906	3,446
38	34	97 077	66 512,577	2 079 944,776	31,271	30,811	88	84	12 224	5 092,626	18 626,963	3,658	3,198
39	35	96 933	65 756,439	2 013 432,199	30,620	30,160	89	85	9 612	3 964,848	13 534,337	3,414	2,954
40	36	96 778	65 001,248	1 947 675,760	29,964	29,504	90	86	7 348	3 000,664	9 569,489	3,189	2,729
41	37	96 601	64 239,957	1 882 674,512	29,307	28,847	91	87	5 510	2 228,041	6 568,825	2,948	2,488
42	38	96 407	63 475,990	1 818 434,554	28,648	28,188	92	88	3 931	1 573,743	4 340,784	2,758	2,298
43	39	96 194	62 709,174	1 754 958,564	27,986	27,526	93	89	2 691	1 066,644	2 767,041	2,594	2,134
44	40	95 942	61 925,309	1 692 249,390	27,327	26,867	94	90	1 773	695,716	1 700,396	2,444	1,984
45	41	95 670	61 138,099	1 630 324,082	26,666	26,206	95	91	1 128	438,346	1 004,680	2,292	1,832
46	42	95 360	60 336,675	1 569 185,982	26,007	25,547	96	92	679	261,190	566,334	2,168	1,708
47	43	95 007	59 518,379	1 508 849,307	25,351	24,891	97	93	390	148,517	305,144	2,055	1,595
48	44	94 613	58 684,794	1 449 330,928	24,697	24,237	98	94	213	80,242	156,627	1,952	1,492
49	45	94 172	57 833,093	1 390 646,134	24,046	23,586	99	95	110	41,085	76,385	1,859	1,399
							100	96	54	19,883	35,300	1,775	1,315

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	57 037,439	1 344 602,605	23,574	23,114
1							51	46	93 279	56 155,408	1 287 565,166	22,929	22,469
2							52	47	92 687	55 246,664	1 231 409,757	22,289	21,829
3							53	48	92 039	54 317,544	1 176 163,093	21,653	21,193
4							54	49	91 342	53 372,112	1 121 845,549	21,019	20,559
5	0	99 510	94 680,186	4 743 319,807	50,098	49,638	55	50	90 566	52 395,202	1 068 473,437	20,393	19,933
6	1	99 180	93 432,006	4 648 639,621	49,754	49,294	56	51	89 731	51 398,197	1 016 078,235	19,769	19,309
7	2	99 141	92 470,884	4 555 207,615	49,261	48,801	57	52	88 841	50 384,412	964 680,038	19,146	18,686
8	3	99 116	91 531,717	4 462 736,732	48,756	48,296	58	53	87 889	49 351,122	914 295,626	18,526	18,066
9	4	99 092	90 603,757	4 371 205,015	48,245	47,785	59	54	86 848	48 283,241	864 944,504	17,914	17,454
10	5	99 072	89 688,239	4 280 601,258	47,728	47,268	60	55	85 740	47 195,537	816 661,264	17,304	16,844
11	6	99 054	88 784,264	4 190 913,019	47,203	46,743	61	56	84 526	46 066,466	769 465,727	16,703	16,243
12	7	99 036	87 889,617	4 102 128,755	46,674	46,214	62	57	83 258	44 926,553	723 399,261	16,102	15,642
13	8	99 018	87 003,055	4 014 239,138	46,139	45,679	63	58	81 896	43 753,589	678 472,707	15,507	15,047
14	9	99 003	86 128,747	3 927 236,083	45,597	45,137	64	59	80 451	42 556,500	634 719,118	14,915	14,455
15	10	98 980	85 256,510	3 841 107,337	45,054	44,594	65	60	78 916	41 331,110	592 162,618	14,327	13,867
16	11	98 952	84 388,727	3 755 850,826	44,507	44,047	66	61	77 261	40 063,801	550 831,508	13,749	13,289
17	12	98 915	83 521,786	3 671 462,099	43,958	43,498	67	62	75 542	38 784,100	510 767,707	13,170	12,710
18	13	98 874	82 660,265	3 587 940,313	43,406	42,946	68	63	73 714	37 471,221	471 983,607	12,596	12,136
19	14	98 809	81 788,318	3 505 280,048	42,858	42,398	69	64	71 784	36 128,567	434 512,386	12,027	11,567
20	15	98 743	80 924,355	3 423 491,731	42,305	41,845	70	65	69 727	34 745,758	398 383,819	11,466	11,006
21	16	98 671	80 064,403	3 342 567,376	41,748	41,289	71	66	67 555	33 330,170	363 368,061	10,910	10,450
22	17	98 599	79 214,247	3 262 502,973	41,186	40,726	72	67	65 268	31 883,405	330 307,891	10,360	9,900
23	18	98 526	78 372,059	3 183 288,726	40,618	40,158	73	68	62 798	30 372,939	298 424,486	9,825	9,365
24	19	98 451	77 536,421	3 104 916,668	40,045	39,585	74	69	60 190	28 823,038	268 051,547	9,300	8,840
25	20	98 373	76 708,005	3 027 380,247	39,466	39,006	75	70	57 381	27 205,899	239 228,509	8,793	8,333
26	21	98 294	75 887,494	2 950 672,242	38,882	38,422	76	71	54 443	25 557,571	212 022,610	8,296	7,836
27	22	98 212	75 074,015	2 874 784,748	38,293	37,833	77	72	51 345	23 864,295	186 465,039	7,814	7,354
28	23	98 128	74 266,591	2 799 710,733	37,698	37,238	78	73	48 038	22 106,277	162 600,744	7,355	6,895
29	24	98 045	73 468,997	2 725 444,142	37,097	36,637	79	74	44 579	20 311,375	140 494,467	6,917	6,457
30	25	97 959	72 678,256	2 651 975,145	36,489	36,029	80	75	41 069	18 526,854	120 183,092	6,487	6,027
31	26	97 872	71 894,842	2 579 296,889	35,876	35,416	81	76	37 427	16 716,867	101 656,237	6,081	5,621
32	27	97 774	71 111,246	2 507 402,047	35,260	34,800	82	77	33 747	14 924,111	84 939,370	5,691	5,231
33	28	97 676	70 336,451	2 436 290,801	34,638	34,178	83	78	30 072	13 167,031	70 015,259	5,317	4,857
34	29	97 579	69 571,400	2 365 954,350	34,008	33,548	84	79	26 447	11 465,084	56 848,229	4,958	4,498
35	30	97 473	68 807,829	2 296 382,951	33,374	32,914	85	80	22 901	9 829,718	45 383,145	4,617	4,157
36	31	97 362	68 048,918	2 227 575,122	32,735	32,275	86	81	19 437	8 260,090	35 553,427	4,304	3,844
37	32	97 242	67 291,761	2 159 526,203	32,092	31,632	87	82	16 154	6 796,923	27 293,337	4,016	3,556
38	33	97 112	66 536,650	2 092 234,443	31,445	30,985	88	83	13 074	5 446,421	20 496,414	3,763	3,303
39	34	96 972	65 783,136	2 025 697,793	30,794	30,334	89	84	10 380	4 281,628	15 049,994	3,515	3,055
40	35	96 819	65 028,961	1 959 914,657	30,139	29,679	90	85	8 033	3 280,473	10 768,366	3,283	2,823
41	36	96 646	64 269,927	1 894 885,697	29,483	29,023	91	86	6 100	2 466,417	7 487,893	3,036	2,576
42	37	96 457	63 509,441	1 830 615,769	28,824	28,364	92	87	4 440	1 777,561	5 021,476	2,825	2,365
43	38	96 251	62 746,167	1 767 106,329	28,163	27,703	93	88	3 077	1 219,666	3 243,914	2,660	2,200
44	39	96 009	61 968,889	1 704 360,162	27,503	27,044	94	89	2 061	808,755	2 024,248	2,503	2,043
45	40	95 738	61 181,709	1 642 391,273	26,844	26,385	95	90	1 324	514,609	1 215,494	2,362	1,902
46	41	95 439	60 386,855	1 581 209,564	26,185	25,725	96	91	821	315,884	700,885	2,219	1,759
47	42	95 097	59 574,734	1 520 822,708	25,528	25,068	97	92	481	183,125	385,001	2,102	1,642
48	43	94 713	58 746,804	1 461 247,974	24,874	24,414	98	93	268	101,173	201,876	1,995	1,535
49	44	94 279	57 898,566	1 402 501,171	24,223	23,763	99	94	142	53,040	100,703	1,899	1,439
							100	95	71	26,316	47,663	1,811	1,351



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	57 102,011	1 355 468,659	23,738	23,278
1							51	45	93 405	56 231,465	1 298 366,647	23,090	22,630
2							52	46	92 831	55 332,480	1 242 135,182	22,449	21,989
3							53	47	92 199	54 411,971	1 186 802,702	21,811	21,351
4							54	48	91 511	53 471,193	1 132 390,731	21,178	20,718
5							55	49	90 756	52 505,047	1 078 919,538	20,549	20,089
6	0	99 498	93 731,912	4 660 678,053	49,723	49,264	56	50	89 942	51 518,568	1 026 414,492	19,923	19,463
7	1	99 170	92 497,184	4 566 946,142	49,374	48,914	57	51	89 063	50 510,222	974 895,924	19,301	18,841
8	2	99 132	91 546,476	4 474 448,958	48,876	48,416	58	52	88 134	49 488,246	924 385,702	18,679	18,219
9	3	99 106	90 616,750	4 382 902,482	48,367	47,907	59	53	87 112	48 430,430	874 897,456	18,065	17,605
10	4	99 083	89 698,989	4 292 285,733	47,852	47,392	60	54	86 014	47 346,390	826 467,027	17,456	16,996
11	5	99 063	88 792,296	4 202 586,744	47,331	46,871	61	55	84 831	46 232,790	779 120,637	16,852	16,392
12	6	99 044	87 896,665	4 113 794,448	46,803	46,343	62	56	83 575	45 097,604	732 887,847	16,251	15,791
13	7	99 026	87 010,324	4 025 897,783	46,269	45,809	63	57	82 235	43 934,877	687 790,243	15,655	15,195
14	8	99 009	86 134,097	3 938 887,459	45,730	45,270	64	58	80 820	42 751,432	643 855,366	15,060	14,600
15	9	98 986	85 261,923	3 852 753,363	45,187	44,727	65	59	79 295	41 529,553	601 103,935	14,474	14,014
16	10	98 960	84 395,526	3 767 491,440	44,641	44,181	66	60	77 686	40 284,070	559 574,382	13,891	13,431
17	11	98 923	83 528,420	3 683 095,913	44,094	43,634	67	61	75 973	39 005,867	519 290,312	13,313	12,853
18	12	98 881	82 666,602	3 599 567,494	43,543	43,083	68	62	74 180	37 707,829	480 284,446	12,737	12,277
19	13	98 819	81 796,364	3 516 900,892	42,996	42,536	69	63	72 266	36 371,113	442 576,616	12,168	11,708
20	14	98 755	80 934,374	3 435 104,528	42,443	41,983	70	64	70 232	34 997,594	406 205,504	11,607	11,147
21	15	98 684	80 075,258	3 354 170,154	41,888	41,428	71	65	68 082	33 590,241	371 207,910	11,051	10,591
22	16	98 615	79 226,983	3 274 094,896	41,326	40,866	72	66	65 809	32 147,651	337 617,669	10,502	10,042
23	17	98 544	78 385,818	3 194 867,912	40,758	40,298	73	67	63 370	30 649,385	305 470,018	9,967	9,507
24	18	98 472	77 553,361	3 116 482,094	40,185	39,725	74	68	60 785	29 108,157	274 820,634	9,441	8,981
25	19	98 394	76 724,505	3 038 928,733	39,608	39,148	75	69	58 017	27 507,593	245 712,477	8,933	8,473
26	20	98 314	75 903,508	2 962 204,228	39,026	38,566	76	70	55 102	25 866,631	218 204,884	8,436	7,976
27	21	98 234	75 090,245	2 886 300,719	38,438	37,978	77	71	52 039	24 187,022	192 338,253	7,952	7,492
28	22	98 150	74 283,661	2 811 210,474	37,844	37,384	78	72	48 793	22 453,752	168 151,231	7,489	7,029
29	23	98 067	73 485,712	2 736 926,813	37,244	36,784	79	73	45 365	20 669,693	145 697,479	7,049	6,589
30	24	97 982	72 694,783	2 663 441,101	36,639	36,179	80	74	41 878	18 891,923	125 027,786	6,618	6,158
31	25	97 894	71 910,867	2 590 746,318	36,027	35,567	81	75	38 280	17 097,827	106 135,863	6,208	5,748
32	26	97 800	71 130,249	2 518 835,451	35,412	34,952	82	76	34 625	15 312,241	89 038,036	5,815	5,355
33	27	97 701	70 354,611	2 447 705,202	34,791	34,331	83	77	30 969	13 559,640	73 725,795	5,437	4,977
34	28	97 605	69 589,474	2 377 350,590	34,163	33,703	84	78	27 357	11 859,508	60 166,155	5,073	4,613
35	29	97 500	68 826,919	2 307 761,116	33,530	33,070	85	79	23 795	10 213,231	48 306,646	4,730	4,270
36	30	97 389	68 067,599	2 238 934,197	32,893	32,433	86	80	20 318	8 634,600	38 093,415	4,412	3,952
37	31	97 273	67 313,707	2 170 866,598	32,250	31,790	87	81	16 995	7 150,860	29 458,815	4,120	3,660
38	32	97 146	66 559,702	2 103 552,891	31,604	31,144	88	82	13 862	5 774,822	22 307,955	3,863	3,403
39	33	97 007	65 806,944	2 036 993,189	30,954	30,494	89	83	11 101	4 579,081	16 533,133	3,611	3,151
40	34	96 859	65 055,361	1 971 186,245	30,300	29,840	90	84	8 674	3 542,573	11 954,052	3,374	2,914
41	35	96 687	64 297,328	1 906 130,884	29,646	29,186	91	85	6 669	2 696,408	8 411,479	3,120	2,660
42	36	96 502	63 539,070	1 841 833,556	28,987	28,527	92	86	4 915	1 967,740	5 715,070	2,904	2,444
43	37	96 302	62 779,233	1 778 294,486	28,326	27,866	93	87	3 476	1 377,627	3 747,330	2,720	2,260
44	38	96 066	62 005,446	1 715 515,253	27,667	27,207	94	88	2 356	924,779	2 369,703	2,562	2,102
45	39	95 805	61 224,766	1 653 509,808	27,007	26,547	95	89	1 540	598,222	1 444,924	2,415	1,955
46	40	95 507	60 429,930	1 592 285,041	26,349	25,889	96	90	964	370,841	846,702	2,283	1,823
47	41	95 176	59 624,280	1 531 855,112	25,692	25,232	97	91	581	221,471	475,861	2,149	1,689
48	42	94 803	58 802,428	1 472 230,832	25,037	24,577	98	92	331	124,749	254,390	2,039	1,579
49	43	94 379	57 959,746	1 413 428,404	24,386	23,926	99	93	179	66,875	129,641	1,939	1,479
							100	94	92	33,973	62,766	1,848	1,388

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	57 162,349	1 365 469,017	23,888	23,428
1							51	44	93 511	56 295,125	1 308 306,669	23,240	22,780
2							52	45	92 956	55 407,422	1 252 011,544	22,596	22,136
3							53	46	92 342	54 496,491	1 196 604,122	21,957	21,497
4							54	47	91 670	53 564,149	1 142 107,631	21,322	20,862
5							55	48	90 925	52 602,517	1 088 543,482	20,694	20,234
6							56	49	90 130	51 626,574	1 035 940,965	20,066	19,606
7	0	99 488	92 794,089	4 578 045,557	49,336	48,876	57	50	89 272	50 628,513	984 314,391	19,442	18,982
8	1	99 160	91 572,513	4 485 251,468	48,980	48,520	58	51	88 354	49 611,818	933 685,877	18,820	18,360
9	2	99 122	90 631,361	4 393 678,955	48,479	48,019	59	52	87 354	48 564,995	884 074,059	18,204	17,744
10	3	99 098	89 711,852	4 303 047,594	47,965	47,505	60	53	86 276	47 490,723	835 509,064	17,593	17,133
11	4	99 075	88 802,939	4 213 335,742	47,446	46,986	61	54	85 102	46 380,565	788 018,341	16,990	16,530
12	5	99 053	87 904,617	4 124 532,803	46,921	46,461	62	55	83 877	45 260,430	741 637,775	16,386	15,926
13	6	99 034	87 017,301	4 036 628,186	46,389	45,929	63	56	82 548	44 102,151	696 377,346	15,790	15,330
14	7	99 017	86 141,293	3 949 610,886	45,850	45,390	64	57	81 155	42 928,567	652 275,194	15,194	14,734
15	8	98 993	85 267,219	3 863 469,593	45,310	44,850	65	58	79 658	41 719,780	609 346,627	14,606	14,146
16	9	98 967	84 400,884	3 778 202,373	44,765	44,305	66	59	78 059	40 477,485	567 626,847	14,023	13,563
17	10	98 931	83 535,149	3 693 801,489	44,219	43,759	67	60	76 391	39 220,319	527 149,362	13,441	12,981
18	11	98 889	82 673,168	3 610 266,340	43,669	43,209	68	61	74 604	37 923,442	487 929,043	12,866	12,406
19	12	98 826	81 802,635	3 527 593,172	43,123	42,663	69	62	72 722	36 600,774	450 005,601	12,295	11,835
20	13	98 765	80 942,336	3 445 790,538	42,571	42,111	70	63	70 703	35 232,547	413 404,827	11,734	11,274
21	14	98 696	80 085,172	3 364 848,201	42,016	41,556	71	64	68 575	33 833,702	378 172,280	11,177	10,717
22	15	98 628	79 237,725	3 284 763,029	41,455	40,995	72	65	66 323	32 398,494	344 338,579	10,628	10,168
23	16	98 560	78 398,422	3 205 525,304	40,888	40,428	73	66	63 895	30 903,403	311 940,084	10,094	9,634
24	17	98 489	77 566,977	3 127 126,882	40,315	39,855	74	67	61 338	29 373,091	281 036,681	9,568	9,108
25	18	98 415	76 741,269	3 049 559,905	39,738	39,278	75	68	58 591	27 779,699	251 663,590	9,059	8,599
26	19	98 336	75 919,835	2 972 818,637	39,157	38,697	76	69	55 713	26 153,473	223 883,891	8,560	8,100
27	20	98 254	75 106,092	2 896 898,801	38,571	38,111	77	70	52 668	24 479,509	197 730,418	8,077	7,617
28	21	98 172	74 299,721	2 821 792,710	37,979	37,519	78	71	49 453	22 757,404	173 250,909	7,613	7,153
29	22	98 090	73 502,603	2 747 492,988	37,380	36,920	79	72	46 078	20 994,587	150 493,505	7,168	6,708
30	23	98 004	72 711,322	2 673 990,386	36,775	36,315	80	73	42 617	19 225,200	129 498,918	6,736	6,276
31	24	97 916	71 927,220	2 601 279,064	36,165	35,705	81	74	39 034	17 434,737	110 273,718	6,325	5,865
32	25	97 822	71 146,103	2 529 351,845	35,552	35,092	82	75	35 414	15 661,190	92 838,981	5,928	5,468
33	26	97 727	70 373,412	2 458 205,741	34,931	34,471	83	76	31 774	13 912,285	77 177,791	5,547	5,087
34	27	97 630	69 607,442	2 387 832,329	34,304	33,844	84	77	28 172	12 213,131	63 265,507	5,180	4,720
35	28	97 526	68 844,800	2 318 224,887	33,673	33,213	85	78	24 613	10 564,589	51 052,376	4,832	4,372
36	29	97 416	68 086,483	2 249 380,086	33,037	32,577	86	79	21 111	8 971,485	40 487,786	4,513	4,053
37	30	97 300	67 332,185	2 181 293,603	32,396	31,936	87	80	17 765	7 475,078	31 516,301	4,216	3,756
38	31	97 177	66 581,409	2 113 961,418	31,750	31,290	88	81	14 584	6 075,536	24 041,223	3,957	3,497
39	32	97 041	65 829,744	2 047 380,008	31,101	30,641	89	82	11 771	4 855,184	17 965,687	3,700	3,240
40	33	96 894	65 078,907	1 981 550,265	30,448	29,988	90	83	9 277	3 788,683	13 110,503	3,460	3,000
41	34	96 727	64 323,432	1 916 471,358	29,794	29,334	91	84	7 201	2 911,843	9 321,820	3,201	2,741
42	35	96 544	63 566,159	1 852 147,926	29,137	28,677	92	85	5 373	2 151,231	6 409,977	2,980	2,520
43	36	96 347	62 808,521	1 788 581,767	28,477	28,017	93	86	3 847	1 525,018	4 258,746	2,793	2,333
44	37	96 117	62 038,121	1 725 773,246	27,818	27,358	94	87	2 662	1 044,549	2 733,729	2,617	2,157
45	38	95 862	61 260,884	1 663 735,125	27,158	26,698	95	88	1 760	684,043	1 689,180	2,469	2,009
46	39	95 574	60 472,457	1 602 474,241	26,499	26,039	96	89	1 121	431,094	1 005,136	2,332	1,872
47	40	95 244	59 666,810	1 542 001,784	25,844	25,384	97	90	683	260,003	574,042	2,208	1,748
48	41	94 882	58 851,332	1 482 334,973	25,188	24,728	98	91	400	150,871	314,039	2,082	1,622
49	42	94 468	58 014,624	1 423 483,642	24,537	24,077	99	92	221	82,459	163,168	1,979	1,519
							100	93	116	42,835	80,709	1,884	1,424

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	57 216,472	1 374 659,579	24,026	23,566
1							51	43	93 609	56 354,610	1 317 443,106	23,378	22,918
2							52	44	93 062	55 470,149	1 261 088,497	22,735	22,275
3							53	45	92 468	54 570,301	1 205 618,347	22,093	21,633
4							54	46	91 813	53 647,351	1 151 048,047	21,456	20,996
5							55	47	91 083	52 693,963	1 097 400,696	20,826	20,366
6							56	48	90 297	51 722,414	1 044 706,733	20,198	19,738
7							57	49	89 459	50 734,654	992 984,319	19,572	19,112
8	0	99 478	91 866,450	4 495 474,835	48,935	48,475	58	50	88 561	49 728,006	942 249,665	18,948	18,488
9	1	99 150	90 657,138	4 403 608,384	48,574	48,114	59	51	87 572	48 686,262	892 521,659	18,332	17,872
10	2	99 114	89 726,318	4 312 951,247	48,068	47,608	60	52	86 516	47 622,678	843 835,396	17,719	17,259
11	3	99 089	88 815,674	4 223 224,929	47,550	47,090	61	53	85 361	46 521,954	796 212,719	17,115	16,655
12	4	99 065	87 915,153	4 134 409,255	47,027	46,567	62	54	84 145	45 405,097	749 690,764	16,511	16,051
13	5	99 043	87 025,173	4 046 494,102	46,498	46,038	63	55	82 846	44 261,383	704 285,667	15,912	15,452
14	6	99 025	86 148,200	3 959 468,929	45,961	45,501	64	56	81 464	43 092,010	660 024,284	15,317	14,857
15	7	99 001	85 274,343	3 873 320,729	45,422	44,962	65	57	79 988	41 892,641	616 932,274	14,727	14,267
16	8	98 973	84 406,127	3 788 046,386	44,879	44,419	66	58	78 417	40 662,894	575 039,633	14,142	13,682
17	9	98 937	83 540,453	3 703 640,259	44,333	43,874	67	59	76 758	39 408,627	534 376,739	13,560	13,100
18	10	98 897	82 679,828	3 620 099,806	43,785	43,325	68	60	75 014	38 131,943	494 968,112	12,980	12,520
19	11	98 834	81 809,132	3 537 419,978	43,240	42,780	69	61	73 138	36 810,057	456 836,170	12,411	11,951
20	12	98 773	80 948,541	3 455 610,846	42,689	42,229	70	62	71 150	35 455,019	420 026,113	11,847	11,387
21	13	98 706	80 093,051	3 374 662,304	42,134	41,674	71	63	69 036	34 060,841	384 571,094	11,291	10,831
22	14	98 641	79 247,535	3 294 569,253	41,573	41,113	72	64	66 804	32 633,317	350 510,253	10,741	10,281
23	15	98 573	78 409,051	3 215 321,718	41,007	40,547	73	65	64 394	31 144,538	317 876,935	10,207	9,747
24	16	98 505	77 579,449	3 136 912,667	40,435	39,975	74	66	61 847	29 616,532	286 732,397	9,681	9,222
25	17	98 433	76 754,742	3 059 333,218	39,859	39,399	75	67	59 124	28 032,542	257 115,865	9,172	8,712
26	18	98 357	75 936,423	2 982 578,476	39,277	38,817	76	68	56 264	26 412,184	229 083,324	8,673	8,213
27	19	98 276	75 122,247	2 906 642,053	38,692	38,232	77	69	53 252	24 750,969	202 671,139	8,188	7,728
28	20	98 192	74 315,401	2 831 519,806	38,101	37,641	78	70	50 051	23 032,602	177 920,170	7,725	7,265
29	21	98 111	73 518,493	2 757 204,406	37,504	37,044	79	71	46 701	21 278,506	154 887,568	7,279	6,819
30	22	98 026	72 728,034	2 683 685,912	36,900	36,440	80	72	43 287	19 527,389	133 609,062	6,842	6,382
31	23	97 939	71 943,584	2 610 957,878	36,292	35,832	81	73	39 723	17 742,307	114 081,672	6,430	5,970
32	24	97 844	71 162,282	2 539 014,294	35,679	35,219	82	74	36 112	15 969,792	96 339,366	6,033	5,573
33	25	97 749	70 389,098	2 467 852,012	35,060	34,600	83	75	32 498	14 229,331	80 369,574	5,648	5,188
34	26	97 656	69 626,043	2 397 462,914	34,433	33,973	84	76	28 905	12 530,756	66 140,243	5,278	4,818
35	27	97 551	68 862,576	2 327 836,870	33,804	33,344	85	77	25 347	10 879,600	53 609,487	4,928	4,468
36	28	97 441	68 104,172	2 258 974,295	33,169	32,709	86	78	21 837	9 280,124	42 729,886	4,604	4,144
37	29	97 327	67 350,866	2 190 870,122	32,529	32,069	87	79	18 459	7 766,724	33 449,762	4,307	3,847
38	30	97 204	66 599,687	2 123 519,256	31,885	31,425	88	80	15 245	6 350,999	25 683,039	4,044	3,584
39	31	97 073	65 851,213	2 056 919,569	31,236	30,776	89	81	12 384	5 108,009	19 332,040	3,785	3,325
40	32	96 927	65 101,454	1 991 068,357	30,584	30,124	90	82	9 836	4 017,128	14 224,031	3,541	3,081
41	33	96 762	64 346,712	1 925 966,903	29,931	29,471	91	83	7 702	3 114,135	10 206,902	3,278	2,818
42	34	96 583	63 591,966	1 861 620,191	29,274	28,814	92	84	5 803	2 323,108	7 092,768	3,053	2,593
43	35	96 388	62 835,299	1 798 028,225	28,615	28,155	93	85	4 206	1 667,224	4 769,660	2,861	2,401
44	36	96 162	62 067,064	1 735 192,926	27,957	27,497	94	86	2 946	1 156,304	3 102,436	2,683	2,223
45	37	95 912	61 293,167	1 673 125,862	27,297	26,837	95	87	1 988	772,635	1 946,132	2,519	2,059
46	38	95 631	60 508,131	1 611 832,695	26,638	26,178	96	88	1 281	492,940	1 173,497	2,381	1,921
47	39	95 311	59 708,801	1 551 324,564	25,982	25,522	97	89	793	302,248	680,557	2,252	1,792
48	40	94 949	58 893,311	1 491 615,763	25,327	24,867	98	90	470	177,119	378,309	2,136	1,676
49	41	94 547	58 062,873	1 432 722,452	24,675	24,215	99	91	267	99,726	201,190	2,017	1,557
							100	92	143	52,816	101,464	1,921	1,461

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	57 264,058	1 383 095,154	24,153	23,693
1							51	42	93 698	56 407,969	1 325 831,096	23,504	23,044
2							52	43	93 160	55 528,762	1 269 423,128	22,861	22,401
3							53	44	92 572	54 632,080	1 213 894,365	22,219	21,759
4							54	45	91 937	53 720,011	1 159 262,285	21,580	21,120
5							55	46	91 224	52 775,814	1 105 542,274	20,948	20,488
6							56	47	90 454	51 812,330	1 052 766,461	20,319	19,859
7							57	48	89 625	50 828,838	1 000 954,131	19,693	19,233
8							58	49	88 746	49 832,259	950 125,293	19,066	18,606
9	0	99 469	90 948,137	4 413 017,823	48,522	48,062	59	50	87 778	48 800,282	900 293,034	18,449	17,989
10	1	99 142	89 751,837	4 322 069,686	48,156	47,696	60	51	86 732	47 741,592	851 492,752	17,835	17,375
11	2	99 105	88 829,995	4 232 317,850	47,645	47,185	61	52	85 599	46 651,217	803 751,160	17,229	16,769
12	3	99 079	87 927,761	4 143 487,855	47,124	46,664	62	53	84 402	45 543,512	757 099,943	16,624	16,164
13	4	99 055	87 035,604	4 055 560,094	46,597	46,137	63	54	83 111	44 402,858	711 556,431	16,025	15,565
14	5	99 034	86 155,994	3 968 524,490	46,062	45,602	64	55	81 758	43 247,595	667 153,573	15,426	14,966
15	6	99 009	85 281,181	3 882 368,497	45,524	45,064	65	56	80 293	42 052,140	623 905,978	14,836	14,377
16	7	98 981	84 413,179	3 797 087,316	44,982	44,522	66	57	78 742	40 831,375	581 853,838	14,250	13,790
17	8	98 943	83 545,642	3 712 674,137	44,439	43,979	67	58	77 110	39 589,140	541 022,463	13,666	13,206
18	9	98 904	82 685,077	3 629 128,495	43,891	43,431	68	59	75 374	38 315,025	501 433,323	13,087	12,627
19	10	98 842	81 815,723	3 546 443,417	43,347	42,887	69	60	73 540	37 012,436	463 118,298	12,513	12,053
20	11	98 780	80 954,971	3 464 627,694	42,797	42,337	70	61	71 557	35 657,750	426 105,862	11,950	11,490
21	12	98 714	80 099,191	3 383 672,723	42,244	41,784	71	62	69 471	34 275,915	390 448,111	11,391	10,931
22	13	98 650	79 255,332	3 303 573,532	41,683	41,223	72	63	67 252	32 852,398	356 172,197	10,842	10,382
23	14	98 585	78 418,759	3 224 318,200	41,117	40,657	73	64	64 860	31 370,273	323 319,799	10,307	9,847
24	15	98 519	77 589,967	3 145 899,441	40,545	40,085	74	65	62 329	29 847,625	291 949,526	9,781	9,321
25	16	98 449	76 767,083	3 068 309,474	39,969	39,509	75	66	59 614	28 264,872	262 101,901	9,273	8,813
26	17	98 374	75 949,755	2 991 542,391	39,388	38,928	76	67	56 776	26 652,581	233 837,028	8,774	8,314
27	18	98 297	75 138,660	2 915 592,636	38,803	38,343	77	68	53 779	24 995,806	207 184,448	8,289	7,829
28	19	98 213	74 331,386	2 840 453,976	38,213	37,753	78	69	50 606	23 288,017	182 188,641	7,823	7,363
29	20	98 131	73 534,008	2 766 122,590	37,617	37,157	79	70	47 266	21 535,821	158 900,624	7,378	6,918
30	21	98 048	72 743,757	2 692 588,582	37,015	36,555	80	71	43 872	19 791,467	137 364,803	6,941	6,481
31	22	97 961	71 960,120	2 619 844,824	36,407	35,947	81	72	40 347	18 021,187	117 573,337	6,524	6,064
32	23	97 866	71 178,472	2 547 884,705	35,796	35,336	82	73	36 749	16 251,518	99 552,149	6,126	5,666
33	24	97 771	70 405,105	2 476 706,232	35,178	34,718	83	74	33 139	14 509,717	83 300,631	5,741	5,281
34	25	97 678	69 641,562	2 406 301,127	34,553	34,093	84	75	29 564	12 816,319	68 790,913	5,367	4,907
35	26	97 577	68 880,978	2 336 659,565	33,923	33,463	85	76	26 006	11 162,545	55 974,594	5,015	4,555
36	27	97 466	68 121,757	2 267 778,587	33,290	32,830	86	77	22 488	9 556,836	44 812,049	4,689	4,229
37	28	97 352	67 368,364	2 199 656,830	32,651	32,191	87	78	19 094	8 033,917	35 255,214	4,388	3,928
38	29	97 231	66 618,164	2 132 288,466	32,008	31,548	88	79	15 840	6 598,787	27 221,297	4,125	3,665
39	30	97 099	65 869,290	2 065 670,302	31,360	30,900	89	80	12 945	5 339,605	20 622,510	3,862	3,402
40	31	96 959	65 122,686	1 999 801,012	30,708	30,248	90	81	10 349	4 226,313	15 282,905	3,616	3,156
41	32	96 795	64 369,006	1 934 678,327	30,056	29,596	91	82	8 166	3 301,907	11 056,592	3,349	2,889
42	33	96 618	63 614,981	1 870 309,321	29,400	28,940	92	83	6 206	2 484,498	7 754,685	3,121	2,661
43	34	96 427	62 860,809	1 806 694,339	28,741	28,281	93	84	4 542	1 800,430	5 270,187	2,927	2,467
44	35	96 203	62 093,525	1 743 833,530	28,084	27,624	94	85	3 221	1 264,128	3 469,756	2,745	2,285
45	36	95 957	61 321,762	1 681 740,005	27,425	26,965	95	86	2 201	855,298	2 205,628	2,579	2,119
46	37	95 681	60 540,018	1 620 418,243	26,766	26,306	96	87	1 447	556,781	1 350,330	2,425	1,965
47	38	95 367	59 744,024	1 559 878,225	26,109	25,649	97	88	907	345,609	793,549	2,296	1,836
48	39	95 016	58 934,757	1 500 134,201	25,454	24,994	98	89	546	205,897	447,940	2,176	1,716
49	40	94 614	58 104,290	1 441 199,444	24,804	24,344	99	90	314	117,076	242,043	2,067	1,607
							100	91	173	63,876	124,967	1,956	1,496

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	57 304,904	1 390 828,777	24,271	23,811
1							51	41	93 776	56 454,882	1 333 523,873	23,621	23,161
2							52	42	93 248	55 581,339	1 277 068,992	22,977	22,517
3							53	43	92 670	54 689,808	1 221 487,652	22,335	21,875
4							54	44	92 041	53 780,827	1 166 797,845	21,695	21,235
5							55	45	91 348	52 847,293	1 113 017,017	21,061	20,601
6							56	46	90 595	51 892,811	1 060 169,724	20,430	19,970
7							57	47	89 781	50 917,200	1 008 276,913	19,802	19,342
8							58	48	88 911	49 924,767	957 359,712	19,176	18,716
9							59	49	87 962	48 902,590	907 434,945	18,556	18,096
10	0	99 460	90 039,930	4 330 725,655	48,098	47,638	60	50	86 935	47 853,400	858 532,355	17,941	17,481
11	1	99 133	88 855,259	4 240 685,725	47,726	47,266	61	51	85 812	46 767,705	810 678,955	17,334	16,874
12	2	99 095	87 941,938	4 151 830,466	47,211	46,751	62	52	84 636	45 670,057	763 911,250	16,727	16,267
13	3	99 069	87 048,085	4 063 888,528	46,686	46,226	63	53	83 364	44 538,217	718 241,193	16,126	15,666
14	4	99 046	86 166,321	3 976 840,442	46,153	45,693	64	54	82 019	43 385,829	673 702,976	15,528	15,068
15	5	99 018	85 288,896	3 890 674,122	45,618	45,158	65	55	80 583	42 203,970	630 317,147	14,935	14,475
16	6	98 989	84 419,948	3 805 385,226	45,077	44,617	66	56	79 041	40 986,834	588 113,177	14,349	13,889
17	7	98 952	83 552,622	3 720 965,278	44,534	44,074	67	57	77 429	39 753,172	547 126,343	13,763	13,303
18	8	98 910	82 690,214	3 637 412,656	43,988	43,528	68	58	75 719	38 490,528	507 373,171	13,182	12,722
19	9	98 849	81 820,917	3 554 722,442	43,445	42,985	69	59	73 893	37 190,144	468 882,642	12,608	12,148
20	10	98 788	80 961,493	3 472 901,525	42,896	42,436	70	60	71 950	35 853,794	431 692,498	12,040	11,580
21	11	98 721	80 105,553	3 391 940,032	42,343	41,883	71	61	69 869	34 471,904	395 838,704	11,483	11,023
22	12	98 658	79 261,407	3 311 834,478	41,784	41,324	72	62	67 677	33 059,841	361 366,800	10,931	10,471
23	13	98 595	78 426,474	3 232 573,071	41,218	40,758	73	63	65 296	31 580,874	328 306,959	10,396	9,936
24	14	98 531	77 599,574	3 154 146,597	40,646	40,186	74	64	62 781	30 063,960	296 726,085	9,870	9,410
25	15	98 462	76 777,491	3 076 547,024	40,071	39,611	75	65	60 079	28 485,419	266 662,125	9,361	8,901
26	16	98 390	75 961,967	2 999 769,532	39,490	39,030	76	66	57 246	26 873,474	238 176,706	8,863	8,403
27	17	98 314	75 151,852	2 923 807,566	38,905	38,445	77	67	54 269	25 223,311	211 303,232	8,377	7,917
28	18	98 235	74 347,627	2 848 655,714	38,315	37,855	78	68	51 106	23 518,383	186 079,921	7,912	7,452
29	19	98 153	73 549,825	2 774 308,087	37,720	37,260	79	69	47 790	21 774,638	162 561,538	7,466	7,006
30	20	98 068	72 759,109	2 700 758,262	37,119	36,659	80	70	44 403	20 030,799	140 786,900	7,029	6,569
31	21	97 982	71 975,677	2 627 999,153	36,512	36,052	81	71	40 893	18 264,896	120 756,101	6,611	6,151
32	22	97 889	71 194,833	2 556 023,476	35,902	35,442	82	72	37 327	16 506,966	102 491,205	6,209	5,749
33	23	97 793	70 421,123	2 484 828,643	35,285	34,825	83	73	33 723	14 765,687	85 984,239	5,823	5,363
34	24	97 700	69 657,399	2 414 407,521	34,661	34,201	84	74	30 146	13 068,863	71 218,553	5,449	4,990
35	25	97 599	68 896,331	2 344 750,121	34,033	33,573	85	75	26 599	11 416,927	58 149,690	5,093	4,633
36	26	97 493	68 139,961	2 275 853,790	33,400	32,940	86	76	23 073	9 805,379	46 732,763	4,766	4,306
37	27	97 378	67 385,758	2 207 713,829	32,762	32,302	87	77	19 663	8 273,469	36 927,383	4,463	4,003
38	28	97 256	66 635,472	2 140 328,071	32,120	31,660	88	78	16 385	6 825,801	28 653,915	4,198	3,738
39	29	97 126	65 887,565	2 073 692,600	31,473	31,013	89	79	13 450	5 547,933	21 828,114	3,934	3,474
40	30	96 985	65 140,563	2 007 805,035	30,823	30,363	90	80	10 818	4 417,933	16 280,181	3,685	3,225
41	31	96 827	64 389,999	1 942 664,472	30,170	29,710	91	81	8 591	3 473,848	11 862,248	3,415	2,955
42	32	96 651	63 637,022	1 878 274,474	29,515	29,055	92	82	6 580	2 634,306	8 388,400	3,184	2,724
43	33	96 462	62 883,560	1 814 637,452	28,857	28,397	93	83	4 858	1 925,510	5 754,094	2,988	2,528
44	34	96 242	62 118,734	1 751 753,892	28,200	27,740	94	84	3 478	1 365,129	3 828,585	2,805	2,345
45	35	95 998	61 347,906	1 689 635,158	27,542	27,082	95	85	2 406	935,054	2 463,456	2,635	2,175
46	36	95 726	60 568,262	1 628 287,252	26,884	26,424	96	86	1 602	616,350	1 528,402	2,480	2,020
47	37	95 417	59 775,508	1 567 718,990	26,227	25,767	97	87	1 025	390,369	912,052	2,336	1,876
48	38	95 072	58 969,524	1 507 943,482	25,572	25,112	98	88	624	235,436	521,683	2,216	1,756
49	39	94 681	58 145,181	1 448 973,958	24,920	24,460	99	89	364	136,098	286,247	2,103	1,643
							100	90	203	74,989	150,149	2,002	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	57 345,233	1 397 917,581	24,377	23,917
1							51	40	93 843	56 495,151	1 340 572,348	23,729	23,269
2							52	41	93 326	55 627,565	1 284 077,197	23,083	22,623
3							53	42	92 758	54 741,590	1 228 449,633	22,441	21,981
4							54	43	92 138	53 837,656	1 173 708,042	21,801	21,341
5							55	44	91 451	52 907,122	1 119 870,387	21,167	20,707
6							56	45	90 718	51 963,095	1 066 963,265	20,533	20,073
7							57	46	89 920	50 996,291	1 015 000,170	19,903	19,443
8							58	47	89 066	50 011,558	964 003,879	19,276	18,816
9							59	48	88 125	48 993,373	913 992,321	18,655	18,195
10							60	49	87 117	47 953,722	864 998,948	18,038	17,578
11	0	99 451	89 140,474	4 248 646,461	47,662	47,202	61	50	86 013	46 877,232	817 045,225	17,429	16,969
12	1	99 123	87 966,950	4 159 505,987	47,285	46,825	62	51	84 848	45 784,095	770 167,993	16,822	16,362
13	2	99 085	87 062,121	4 071 539,037	46,766	46,306	63	52	83 596	44 661,968	724 383,898	16,219	15,759
14	3	99 060	86 178,677	3 984 476,916	46,235	45,775	64	53	82 269	43 518,088	679 721,930	15,619	15,159
15	4	99 030	85 299,119	3 898 298,238	45,702	45,242	65	54	80 840	42 338,868	636 203,842	15,026	14,566
16	5	98 998	84 427,585	3 812 999,119	45,163	44,703	66	55	79 327	41 134,818	593 864,973	14,437	13,977
17	6	98 960	83 559,322	3 728 571,534	44,622	44,162	67	56	77 724	39 904,526	552 730,155	13,851	13,391
18	7	98 918	82 697,122	3 645 012,213	44,077	43,617	68	57	76 033	38 650,009	512 825,630	13,268	12,808
19	8	98 855	81 826,000	3 562 315,090	43,535	43,075	69	58	74 231	37 360,495	474 175,621	12,692	12,232
20	9	98 795	80 966,633	3 480 489,090	42,987	42,527	70	59	72 296	36 025,939	436 815,126	12,125	11,665
21	10	98 729	80 112,007	3 399 522,457	42,435	41,975	71	60	70 253	34 661,428	400 789,187	11,563	11,103
22	11	98 666	79 267,703	3 319 410,450	41,876	41,416	72	61	68 064	33 248,877	366 127,759	11,012	10,552
23	12	98 602	78 432,486	3 240 142,747	41,311	40,851	73	62	65 708	31 780,288	332 878,882	10,474	10,014
24	13	98 541	77 607,208	3 161 710,261	40,740	40,280	74	63	63 202	30 265,791	301 098,594	9,948	9,488
25	14	98 474	76 786,997	3 084 103,054	40,164	39,704	75	64	60 515	28 691,880	270 832,803	9,439	8,979
26	15	98 404	75 972,265	3 007 316,056	39,584	39,124	76	65	57 693	27 083,164	242 140,922	8,941	8,481
27	16	98 330	75 163,936	2 931 343,791	38,999	38,539	77	66	54 718	25 432,359	215 057,758	8,456	7,996
28	17	98 252	74 360,680	2 856 179,855	38,410	37,950	78	67	51 571	23 732,441	189 625,399	7,990	7,530
29	18	98 174	73 565,895	2 781 819,176	37,814	37,354	79	68	48 263	21 990,033	165 892,958	7,544	7,084
30	19	98 089	72 774,759	2 708 253,281	37,214	36,754	80	69	44 895	20 252,926	143 902,925	7,105	6,645
31	20	98 003	71 990,866	2 635 478,521	36,609	36,149	81	70	41 387	18 485,768	123 649,999	6,689	6,229
32	21	97 910	71 210,224	2 563 487,655	35,999	35,539	82	71	37 832	16 730,197	105 164,231	6,286	5,826
33	22	97 816	70 437,309	2 492 277,430	35,383	34,923	83	72	34 253	14 997,779	88 434,034	5,896	5,436
34	23	97 722	69 673,247	2 421 840,122	34,760	34,300	84	73	30 678	13 299,413	73 436,255	5,522	5,062
35	24	97 621	68 911,998	2 352 166,875	34,133	33,673	85	74	27 123	11 641,896	60 136,841	5,166	4,706
36	25	97 514	68 155,149	2 283 254,877	33,501	33,041	86	75	23 599	10 028,833	48 494,945	4,836	4,376
37	26	97 404	67 403,766	2 215 099,728	32,863	32,403	87	76	20 174	8 488,636	38 466,112	4,531	4,072
38	27	97 281	66 652,677	2 147 695,962	32,222	31,762	88	77	16 873	7 029,330	29 977,476	4,265	3,805
39	28	97 152	65 904,682	2 081 043,285	31,577	31,117	89	78	13 913	5 738,795	22 948,146	3,999	3,539
40	29	97 012	65 158,635	2 015 138,603	30,927	30,467	90	79	11 240	4 590,301	17 209,351	3,749	3,289
41	30	96 853	64 407,675	1 949 979,968	30,276	29,816	91	80	8 981	3 631,351	12 619,050	3,475	3,015
42	31	96 683	63 657,776	1 885 572,293	29,620	29,160	92	81	6 923	2 771,482	8 987,699	3,243	2,783
43	32	96 495	62 905,347	1 821 914,517	28,963	28,503	93	82	5 151	2 041,612	6 216,216	3,045	2,585
44	33	96 276	62 141,217	1 759 009,171	28,307	27,847	94	83	3 720	1 459,967	4 174,605	2,859	2,399
45	34	96 037	61 372,812	1 696 867,954	27,649	27,189	95	84	2 599	1 009,762	2 714,638	2,688	2,228
46	35	95 766	60 594,084	1 635 495,142	26,991	26,531	96	85	1 751	673,824	1 704,876	2,530	2,070
47	36	95 462	59 803,395	1 574 901,058	26,335	25,875	97	86	1 134	432,134	1 031,051	2,386	1,926
48	37	95 122	59 000,599	1 515 097,662	25,679	25,219	98	87	705	265,927	598,917	2,252	1,792
49	38	94 736	58 179,482	1 456 097,063	25,028	24,568	99	88	417	155,623	332,990	2,140	1,680
							100	89	236	87,173	177,367	2,035	1,575

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	57 379,062	1 404 409,927	24,476	24,016
1							51	39	93 909	56 534,910	1 347 030,865	23,827	23,367
2							52	40	93 392	55 667,244	1 290 495,955	23,182	22,722
3							53	41	92 835	54 787,117	1 234 828,711	22,539	22,079
4							54	42	92 226	53 888,631	1 180 041,594	21,898	21,438
5							55	43	91 548	52 963,027	1 126 152,962	21,263	20,803
6							56	44	90 820	52 021,922	1 073 189,935	20,630	20,170
7							57	45	90 042	51 065,361	1 021 168,013	19,997	19,537
8							58	46	89 204	50 089,242	970 102,653	19,367	18,908
9							59	47	88 278	49 078,545	920 013,410	18,746	18,286
10							60	48	87 279	48 042,744	870 934,866	18,128	17,668
11							61	49	86 194	46 975,508	822 892,122	17,517	17,057
12	0	99 442	88 249,314	4 166 826,933	47,217	46,757	62	50	85 046	45 891,318	775 916,614	16,908	16,448
13	1	99 113	87 086,883	4 078 577,619	46,833	46,373	63	51	83 805	44 773,490	730 025,295	16,305	15,845
14	2	99 076	86 192,573	3 991 490,736	46,309	45,849	64	52	82 498	43 639,005	685 251,806	15,703	15,243
15	3	99 044	85 311,352	3 905 298,163	45,777	45,317	65	53	81 087	42 467,936	641 612,801	15,108	14,648
16	4	99 010	84 437,705	3 819 986,811	45,240	44,780	66	54	79 580	41 266,298	599 144,865	14,519	14,059
17	5	98 969	83 566,881	3 735 549,107	44,701	44,241	67	55	78 004	40 048,602	557 878,566	13,930	13,470
18	6	98 926	82 703,753	3 651 982,225	44,157	43,697	68	56	76 323	38 797,163	517 829,964	13,347	12,887
19	7	98 863	81 832,836	3 569 278,472	43,617	43,157	69	57	74 539	37 515,293	479 032,802	12,769	12,309
20	8	98 801	80 971,663	3 487 445,636	43,070	42,610	70	58	72 627	36 190,957	441 517,508	12,200	11,740
21	9	98 736	80 117,093	3 406 473,973	42,519	42,059	71	59	70 590	34 827,848	405 326,551	11,638	11,178
22	10	98 674	79 274,089	3 326 356,880	41,960	41,500	72	60	68 438	33 431,677	370 498,704	11,082	10,622
23	11	98 610	78 438,716	3 247 082,791	41,396	40,936	73	61	66 084	31 962,007	337 067,027	10,546	10,086
24	12	98 548	77 613,157	3 168 644,075	40,826	40,366	74	62	63 602	30 456,902	305 105,020	10,018	9,558
25	13	98 484	76 794,551	3 091 030,918	40,251	39,791	75	63	60 921	28 884,500	274 648,118	9,508	9,049
26	14	98 416	75 981,672	3 014 236,367	39,671	39,211	76	64	58 111	27 279,462	245 763,617	9,009	8,549
27	15	98 343	75 174,126	2 938 254,695	39,086	38,626	77	65	55 145	25 630,804	218 484,155	8,524	8,064
28	16	98 268	74 372,636	2 863 080,569	38,496	38,036	78	66	51 999	23 929,133	192 853,351	8,059	7,599
29	17	98 191	73 578,811	2 788 707,933	37,901	37,441	79	67	48 702	22 190,180	168 924,219	7,613	7,153
30	18	98 111	72 790,660	2 715 129,122	37,301	36,841	80	68	45 339	20 453,269	146 734,038	7,174	6,714
31	19	98 024	72 006,352	2 642 338,462	36,696	36,236	81	69	41 846	18 690,762	126 280,770	6,756	6,296
32	20	97 930	71 225,252	2 570 332,110	36,087	35,627	82	70	38 289	16 932,510	107 590,008	6,354	5,894
33	21	97 837	70 452,537	2 499 106,858	35,472	35,012	83	71	34 716	15 200,601	90 657,498	5,964	5,504
34	22	97 745	69 689,261	2 428 654,322	34,850	34,390	84	72	31 160	13 508,459	75 456,897	5,586	5,126
35	23	97 643	68 927,676	2 358 965,060	34,224	33,764	85	73	27 602	11 847,274	61 948,438	5,229	4,769
36	24	97 536	68 170,648	2 290 037,384	33,593	33,133	86	74	24 064	10 226,450	50 101,164	4,899	4,439
37	25	97 425	67 418,789	2 221 866,736	32,956	32,496	87	75	20 634	8 682,083	39 874,715	4,593	4,133
38	26	97 307	66 670,488	2 154 447,947	32,315	31,855	88	76	17 312	7 212,141	31 192,632	4,325	3,865
39	27	97 177	65 921,699	2 087 777,459	31,671	31,211	89	77	14 328	5 909,912	23 980,491	4,058	3,598
40	28	97 038	65 175,564	2 021 855,760	31,022	30,562	90	78	11 627	4 748,218	18 070,579	3,806	3,346
41	29	96 880	64 425,544	1 956 680,196	30,371	29,911	91	79	9 331	3 773,031	13 322,360	3,531	3,071
42	30	96 709	63 675,251	1 892 254,652	29,717	29,257	92	80	7 237	2 897,140	9 549,330	3,296	2,836
43	31	96 527	62 925,862	1 828 579,402	29,059	28,599	93	81	5 419	2 147,925	6 652,189	3,097	2,637
44	32	96 310	62 162,746	1 765 653,540	28,404	27,944	94	82	3 944	1 547,998	4 504,264	2,910	2,450
45	33	96 072	61 395,025	1 703 490,793	27,746	27,286	95	83	2 779	1 079,912	2 956,266	2,738	2,278
46	34	95 805	60 618,684	1 642 095,769	27,089	26,629	96	84	1 891	727,661	1 876,354	2,579	2,119
47	35	95 503	59 828,892	1 581 477,084	26,433	25,973	97	85	1 240	472,430	1 148,693	2,431	1,971
48	36	95 167	59 028,125	1 521 648,193	25,778	25,318	98	86	781	294,379	676,263	2,297	1,837
49	37	94 786	58 210,141	1 462 620,068	25,127	24,667	99	87	471	175,778	381,884	2,173	1,713
							100	88	270	99,679	206,106	2,068	1,608

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	57 409,299	1 410 354,050	24,567	24,107
1							51	38	93 964	56 568,261	1 352 944,750	23,917	23,457
2							52	39	93 458	55 706,420	1 296 376,490	23,272	22,812
3							53	40	92 901	54 826,197	1 240 670,069	22,629	22,169
4							54	41	92 302	53 933,449	1 185 843,873	21,987	21,527
5							55	42	91 635	53 013,174	1 131 910,424	21,351	20,892
6							56	43	90 916	52 076,892	1 078 897,249	20,717	20,257
7							57	44	90 144	51 123,172	1 026 820,357	20,085	19,625
8							58	45	89 325	50 157,083	975 697,185	19,453	18,993
9							59	46	88 415	49 154,780	925 540,102	18,829	18,369
10							60	47	87 431	48 126,263	876 385,323	18,210	17,750
11							61	48	86 354	47 062,714	828 259,060	17,599	17,139
12							62	49	85 225	45 987,527	781 196,346	16,987	16,527
13	0	99 431	87 366,422	4 085 311,092	46,761	46,301	63	50	84 001	44 878,346	735 208,819	16,382	15,922
14	1	99 104	86 217,087	3 997 944,670	46,371	45,911	64	51	82 704	43 747,972	690 330,472	15,780	15,320
15	2	99 060	85 325,107	3 911 727,583	45,845	45,385	65	52	81 312	42 585,935	646 582,501	15,183	14,723
16	3	99 024	84 449,813	3 826 402,475	45,310	44,850	66	53	79 823	41 392,097	603 996,566	14,592	14,132
17	4	98 980	83 576,898	3 741 952,662	44,773	44,313	67	54	78 254	40 176,611	562 604,469	14,003	13,543
18	5	98 935	82 711,235	3 658 375,764	44,231	43,771	68	55	76 598	38 937,241	522 427,858	13,417	12,957
19	6	98 871	81 839,398	3 575 664,529	43,691	43,231	69	56	74 823	37 658,126	483 490,618	12,839	12,379
20	7	98 809	80 978,428	3 493 825,131	43,145	42,685	70	57	72 928	36 340,910	445 832,492	12,268	11,808
21	8	98 742	80 122,070	3 412 846,703	42,596	42,136	71	58	70 914	34 987,378	409 491,582	11,704	11,244
22	9	98 680	79 279,122	3 332 724,633	42,038	41,578	72	59	68 767	33 592,192	374 504,204	11,149	10,689
23	10	98 618	78 445,035	3 253 445,511	41,474	41,014	73	60	66 447	32 137,732	340 912,012	10,608	10,148
24	11	98 556	77 619,322	3 175 000,476	40,905	40,445	74	61	63 965	30 631,054	308 774,279	10,080	9,620
25	12	98 491	76 800,439	3 097 381,154	40,330	39,870	75	62	61 306	29 066,889	278 143,226	9,569	9,109
26	13	98 425	75 989,147	3 020 580,716	39,750	39,290	76	63	58 501	27 462,600	249 076,337	9,070	8,610
27	14	98 356	75 183,434	2 944 591,569	39,165	38,705	77	64	55 545	25 816,575	221 613,737	8,584	8,124
28	15	98 281	74 382,719	2 869 408,135	38,576	38,116	78	65	52 405	24 115,848	195 797,161	8,119	7,659
29	16	98 207	73 590,641	2 795 025,416	37,981	37,521	79	66	49 106	22 374,090	171 681,313	7,673	7,213
30	17	98 128	72 803,439	2 721 434,774	37,381	36,921	80	67	45 752	20 639,429	149 307,223	7,234	6,774
31	18	98 046	72 022,084	2 648 631,335	36,775	36,315	81	68	42 260	18 875,651	128 667,795	6,817	6,357
32	19	97 952	71 240,573	2 576 609,251	36,168	35,708	82	69	38 714	17 120,280	109 792,143	6,413	5,953
33	20	97 857	70 467,405	2 505 368,678	35,554	35,094	83	70	35 136	15 384,417	92 671,864	6,024	5,564
34	21	97 766	69 704,327	2 434 901,274	34,932	34,472	84	71	31 582	13 691,140	77 287,447	5,645	5,185
35	22	97 666	68 943,519	2 365 196,946	34,306	33,846	85	72	28 036	12 033,494	63 596,307	5,285	4,825
36	23	97 559	68 186,157	2 296 253,427	33,676	33,216	86	73	24 488	10 406,857	51 562,813	4,955	4,495
37	24	97 447	67 434,121	2 228 067,270	33,041	32,581	87	74	21 041	8 853,162	41 155,956	4,649	4,189
38	25	97 329	66 685,349	2 160 633,149	32,400	31,940	88	75	17 706	7 376,498	32 302,794	4,379	3,919
39	26	97 203	65 939,315	2 093 947,800	31,756	31,296	89	76	14 701	6 063,611	24 926,296	4,111	3,651
40	27	97 063	65 192,392	2 028 008,485	31,108	30,648	90	77	11 973	4 889,799	18 862,686	3,858	3,398
41	28	96 905	64 442,282	1 962 816,093	30,459	29,999	91	78	9 652	3 902,832	13 972,887	3,580	3,120
42	29	96 736	63 692,917	1 898 373,812	29,805	29,345	92	79	7 519	3 010,174	10 070,056	3,345	2,885
43	30	96 553	62 943,136	1 834 680,895	29,148	28,688	93	80	5 665	2 245,311	7 059,881	3,144	2,684
44	31	96 341	62 183,019	1 771 737,759	28,492	28,032	94	81	4 150	1 628,607	4 814,570	2,956	2,496
45	32	96 105	61 416,296	1 709 554,739	27,836	27,376	95	82	2 947	1 145,027	3 185,963	2,782	2,322
46	33	95 840	60 640,624	1 648 138,444	27,179	26,719	96	83	2 023	778,213	2 040,935	2,623	2,163
47	34	95 541	59 853,181	1 587 497,820	26,523	26,063	97	84	1 339	510,176	1 262,722	2,475	2,015
48	35	95 207	59 053,291	1 527 644,639	25,869	25,409	98	85	853	321,829	752,546	2,338	1,878
49	36	94 831	58 237,298	1 468 591,348	25,217	24,757	99	86	521	194,584	430,717	2,214	1,754
							100	87	305	112,589	236,133	2,097	1,637



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	57 436,083	1 415 794,985	24,650	24,190
1							51	37	94 014	56 598,071	1 358 358,902	24,000	23,540
2							52	38	93 513	55 739,282	1 301 760,831	23,354	22,894
3							53	39	92 966	54 864,781	1 246 021,549	22,711	22,251
4							54	40	92 368	53 971,920	1 191 156,768	22,070	21,610
5							55	41	91 711	53 057,264	1 137 184,848	21,433	20,973
6							56	42	91 002	52 126,201	1 084 127,584	20,798	20,338
7							57	43	90 239	51 177,192	1 032 001,384	20,165	19,705
8							58	44	89 426	50 213,866	980 824,192	19,533	19,073
9							59	45	88 535	49 221,355	930 610,326	18,907	18,447
10							60	46	87 567	48 201,018	881 388,971	18,286	17,826
11							61	47	86 504	47 144,529	833 187,953	17,673	17,213
12							62	48	85 383	46 072,899	786 043,423	17,061	16,601
13							63	49	84 177	44 972,432	739 970,525	16,454	15,994
14	0	99 422	86 493,834	4 004 139,605	46,294	45,834	64	50	82 898	43 850,427	694 998,093	15,849	15,389
15	1	99 088	85 349,375	3 917 645,771	45,901	45,441	65	51	81 515	42 692,272	651 147,666	15,252	14,792
16	2	99 040	84 463,430	3 832 296,396	45,372	44,912	66	52	80 045	41 507,106	608 455,394	14,659	14,199
17	3	98 995	83 588,883	3 747 832,965	44,837	44,377	67	53	78 492	40 299,087	566 948,288	14,069	13,609
18	4	98 947	82 721,149	3 664 244,082	44,296	43,836	68	54	76 843	39 061,697	526 649,201	13,482	13,023
19	5	98 880	81 846,802	3 581 522,933	43,759	43,299	69	55	75 093	37 794,092	487 587,504	12,901	12,441
20	6	98 817	80 984,921	3 499 676,131	43,214	42,754	70	56	73 205	36 479,272	449 793,412	12,330	11,870
21	7	98 750	80 128,764	3 418 691,210	42,665	42,205	71	57	71 207	35 132,344	413 314,140	11,764	11,305
22	8	98 686	79 284,047	3 338 562,446	42,109	41,649	72	58	69 082	33 746,062	378 181,797	11,207	10,747
23	9	98 624	78 450,015	3 259 278,399	41,546	41,086	73	59	66 766	32 292,035	344 435,734	10,666	10,206
24	10	98 564	77 625,575	3 180 828,384	40,977	40,517	74	60	64 317	30 799,461	312 143,699	10,135	9,675
25	11	98 499	76 806,539	3 103 202,809	40,403	39,943	75	61	61 656	29 233,093	281 344,238	9,624	9,164
26	12	98 433	75 994,972	3 026 396,270	39,824	39,364	76	62	58 871	27 636,010	252 111,145	9,123	8,663
27	13	98 365	75 190,830	2 950 401,298	39,239	38,779	77	63	55 918	25 989,893	224 475,135	8,637	8,177
28	14	98 293	74 391,929	2 875 210,468	38,649	38,190	78	64	52 784	24 290,639	198 485,243	8,171	7,711
29	15	98 220	73 600,619	2 800 818,539	38,054	37,594	79	65	49 489	22 548,672	174 194,604	7,725	7,265
30	16	98 144	72 815,145	2 727 217,920	37,454	36,994	80	66	46 131	20 810,486	151 645,932	7,287	6,827
31	17	98 063	72 034,729	2 654 402,775	36,849	36,389	81	67	42 645	19 047,452	130 835,446	6,869	6,409
32	18	97 973	71 256,138	2 582 368,046	36,241	35,781	82	68	39 097	17 289,634	111 787,994	6,466	6,006
33	19	97 878	70 482,562	2 511 111,908	35,627	35,167	83	69	35 526	15 555,019	94 498,360	6,075	5,615
34	20	97 786	69 719,037	2 440 629,346	35,007	34,547	84	70	31 964	13 856,702	78 943,341	5,697	5,237
35	21	97 687	68 958,424	2 370 910,309	34,382	33,922	85	71	28 415	12 196,228	65 086,638	5,337	4,877
36	22	97 581	68 201,829	2 301 951,884	33,752	33,292	86	72	24 873	10 570,436	52 890,410	5,004	4,544
37	23	97 470	67 449,463	2 233 750,055	33,117	32,657	87	73	21 412	9 009,343	42 319,974	4,697	4,237
38	24	97 351	66 700,513	2 166 300,592	32,478	32,018	88	74	18 055	7 521,851	33 310,632	4,429	3,969
39	25	97 224	65 954,012	2 099 600,079	31,834	31,374	89	75	15 036	6 201,794	25 788,781	4,158	3,698
40	26	97 089	65 209,813	2 033 646,067	31,186	30,726	90	76	12 285	5 016,967	19 586,987	3,904	3,444
41	27	96 930	64 458,921	1 968 436,253	30,538	30,078	91	77	9 940	4 019,205	14 570,020	3,625	3,165
42	28	96 761	63 709,464	1 903 977,333	29,885	29,425	92	78	7 778	3 113,731	10 550,815	3,388	2,928
43	29	96 580	62 960,599	1 840 267,869	29,229	28,769	93	79	5 886	2 332,914	7 437,084	3,188	2,728
44	30	96 368	62 200,090	1 777 307,270	28,574	28,114	94	80	4 338	1 702,448	5 104,170	2,998	2,538
45	31	96 136	61 436,325	1 715 107,180	27,917	27,457	95	81	3 100	1 204,653	3 401,722	2,824	2,364
46	32	95 873	60 661,633	1 653 670,854	27,261	26,801	96	82	2 145	825,137	2 197,070	2,663	2,203
47	33	95 576	59 874,844	1 593 009,221	26,606	26,146	97	83	1 432	545,619	1 371,933	2,514	2,054
48	34	95 246	59 077,266	1 533 134,377	25,951	25,491	98	84	922	347,542	826,314	2,378	1,918
49	35	94 871	58 262,127	1 474 057,112	25,300	24,840	99	85	570	212,729	478,772	2,251	1,791
							100	86	337	124,634	266,043	2,135	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	57 460,570	1 420 775,451	24,726	24,266
1							51	36	94 058	56 624,476	1 363 314,882	24,076	23,616
2							52	37	93 562	55 768,656	1 306 690,406	23,431	22,971
3							53	38	93 021	54 897,147	1 250 921,750	22,787	22,327
4							54	39	92 433	54 009,903	1 196 024,603	22,145	21,685
5							55	40	91 776	53 095,110	1 142 014,700	21,509	21,049
6							56	41	91 078	52 169,552	1 088 919,591	20,873	20,413
7							57	42	90 325	51 225,649	1 036 750,038	20,239	19,779
8							58	43	89 520	50 266,925	985 524,390	19,606	19,146
9							59	44	88 635	49 277,078	935 257,464	18,980	18,520
10							60	45	87 685	48 266,302	885 980,386	18,356	17,896
11							61	46	86 638	47 217,760	837 714,085	17,742	17,282
12							62	47	85 531	46 152,993	790 496,325	17,128	16,668
13							63	48	84 333	45 055,919	744 343,331	16,520	16,060
14							64	49	83 071	43 942,357	699 287,412	15,914	15,454
15	0	99 406	85 623,337	3 923 347,555	45,821	45,361	65	50	81 706	42 792,255	655 345,055	15,315	14,855
16	1	99 068	84 487,453	3 837 724,219	45,424	44,964	66	51	80 245	41 610,750	612 552,801	14,721	14,261
17	2	99 011	83 602,361	3 753 236,766	44,894	44,434	67	52	78 710	40 411,059	570 942,051	14,128	13,668
18	3	98 961	82 733,012	3 669 634,405	44,355	44,395	68	53	77 077	39 180,775	530 530,991	13,541	13,081
19	4	98 892	81 856,612	3 586 901,393	43,819	43,359	69	54	75 333	37 914,894	491 350,217	12,959	12,499
20	5	98 826	80 992,247	3 505 044,780	43,276	42,816	70	55	73 470	36 610,981	453 435,322	12,385	11,925
21	6	98 758	80 135,189	3 424 052,533	42,728	42,268	71	56	71 478	35 266,104	416 824,341	11,819	11,359
22	7	98 694	79 290,671	3 343 917,344	42,173	41,713	72	57	69 368	33 885,885	381 558,237	11,260	10,800
23	8	98 631	78 454,888	3 264 626,673	41,612	41,152	73	58	67 072	32 439,950	347 672,352	10,717	10,257
24	9	98 570	77 630,504	3 186 171,785	41,043	40,583	74	59	64 626	30 947,339	315 232,402	10,186	9,726
25	10	98 507	76 812,727	3 108 541,281	40,469	40,009	75	60	61 995	29 393,814	284 285,064	9,672	9,212
26	11	98 441	76 001,008	3 031 728,555	39,891	39,431	76	61	59 207	27 794,032	254 891,249	9,171	8,711
27	12	98 373	75 196,594	2 955 727,546	39,307	38,847	77	62	56 271	26 154,003	227 097,217	8,683	8,223
28	13	98 303	74 399,247	2 880 530,952	38,717	38,257	78	63	53 139	24 453,712	200 943,214	8,217	7,757
29	14	98 232	73 609,731	2 806 131,705	38,122	37,662	79	64	49 848	22 712,104	176 489,503	7,771	7,311
30	15	98 157	72 825,018	2 732 521,973	37,522	37,062	80	65	46 491	20 972,867	153 777,399	7,332	6,872
31	16	98 079	72 046,311	2 659 696,956	36,916	36,457	81	66	42 998	19 205,315	132 804,532	6,915	6,455
32	17	97 990	71 268,648	2 587 650,645	36,308	35,848	82	67	39 452	17 446,999	113 599,216	6,511	6,051
33	18	97 900	70 497,962	2 516 381,996	35,694	35,234	83	68	35 877	15 708,890	96 152,217	6,121	5,661
34	19	97 807	69 734,034	2 445 884,035	35,074	34,614	84	69	32 318	14 010,363	80 443,327	5,742	5,282
35	20	97 707	68 972,977	2 376 150,001	34,450	33,990	85	70	28 758	12 343,713	66 432,964	5,382	4,922
36	21	97 602	68 216,574	2 307 177,024	33,821	33,361	86	71	25 210	10 713,385	54 089,250	5,049	4,589
37	22	97 492	67 464,966	2 238 960,450	33,187	32,727	87	72	21 748	9 150,955	43 375,866	4,740	4,280
38	23	97 373	66 715,688	2 171 495,484	32,548	32,089	88	73	18 374	7 654,545	34 224,911	4,471	4,011
39	24	97 246	65 969,011	2 104 779,796	31,906	31,446	89	74	15 332	6 323,999	26 570,365	4,202	3,742
40	25	97 110	65 224,348	2 038 810,785	31,258	30,798	90	75	12 565	5 131,299	20 246,366	3,946	3,486
41	26	96 956	64 476,146	1 973 586,437	30,610	30,150	91	76	10 198	4 123,732	15 115,068	3,665	3,205
42	27	96 786	63 725,914	1 909 110,291	29,958	29,498	92	77	8 010	3 206,575	10 991,336	3,428	2,968
43	28	96 605	62 976,956	1 845 384,378	29,303	28,843	93	78	6 088	2 413,171	7 784,760	3,226	2,766
44	29	96 394	62 217,346	1 782 407,421	28,648	28,188	94	79	4 507	1 768,870	5 371,589	3,037	2,577
45	30	96 163	61 453,191	1 720 190,075	27,992	27,532	95	80	3 241	1 259,271	3 602,719	2,861	2,401
46	31	95 904	60 681,417	1 658 736,884	27,335	26,875	96	81	2 256	868,104	2 343,448	2,700	2,240
47	32	95 609	59 895,588	1 598 055,467	26,681	26,221	97	82	1 519	578,518	1 475,344	2,550	2,090
48	33	95 280	59 098,647	1 538 159,879	26,027	25,567	98	83	986	371,687	896,826	2,413	1,953
49	34	94 910	58 285,780	1 479 061,232	25,376	24,916	99	84	615	229,725	525,139	2,286	1,826
							100	85	369	136,256	295,414	2,168	1,708

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	57 483,898	1 425 335,839	24,795	24,335
1							51	35	94 098	56 648,617	1 367 851,941	24,146	23,686
2							52	36	93 606	55 794,674	1 311 203,324	23,501	23,041
3							53	37	93 070	54 926,076	1 255 408,650	22,856	22,396
4							54	38	92 488	54 041,764	1 200 482,574	22,214	21,754
5							55	39	91 841	53 132,476	1 146 440,810	21,577	21,117
6							56	40	91 143	52 206,765	1 093 308,334	20,942	20,482
7							57	41	90 400	51 268,251	1 041 101,569	20,307	19,847
8							58	42	89 605	50 314,520	989 833,318	19,673	19,213
9							59	43	88 729	49 329,148	939 518,797	19,046	18,586
10							60	44	87 784	48 320,944	890 189,650	18,422	17,962
11							61	45	86 755	47 281,712	841 868,706	17,805	17,345
12							62	46	85 664	46 224,684	794 586,994	17,190	16,730
13							63	47	84 480	45 134,245	748 362,310	16,581	16,121
14							64	48	83 226	44 023,932	703 228,065	15,974	15,514
15							65	49	81 877	42 881,967	659 204,133	15,373	14,913
16	0	99 386	84 758,648	3 842 974,755	45,340	44,880	66	50	80 433	41 708,199	616 322,166	14,777	14,317
17	1	99 039	83 626,139	3 758 216,107	44,941	44,481	67	51	78 907	40 511,966	574 613,967	14,184	13,724
18	2	98 977	82 746,352	3 674 589,968	44,408	43,948	68	52	77 291	39 289,640	534 102,001	13,594	13,134
19	3	98 906	81 868,351	3 591 843,616	43,873	43,413	69	53	75 563	38 030,476	494 812,361	13,011	12,551
20	4	98 838	81 001,955	3 509 975,265	43,332	42,872	70	54	73 704	36 728,002	456 781,885	12,437	11,977
21	5	98 767	80 142,439	3 428 973,309	42,786	42,326	71	55	71 737	35 393,433	420 053,883	11,868	11,408
22	6	98 702	79 297,029	3 348 830,871	42,231	41,771	72	56	69 632	34 014,900	384 660,450	11,309	10,849
23	7	98 639	78 461,443	3 269 533,842	41,671	41,211	73	57	67 350	32 574,361	350 645,550	10,764	10,304
24	8	98 576	77 635,326	3 191 072,399	41,103	40,643	74	58	64 922	31 089,094	318 071,189	10,231	9,771
25	9	98 513	76 817,603	3 113 437,073	40,530	40,070	75	59	62 293	29 534,943	286 982,095	9,717	9,257
26	10	98 449	76 007,131	3 036 619,470	39,952	39,492	76	60	59 533	27 946,842	257 447,153	9,212	8,752
27	11	98 381	75 202,567	2 960 612,339	39,369	38,909	77	61	56 593	26 303,551	229 500,311	8,725	8,265
28	12	98 311	74 404,951	2 885 409,771	38,780	38,320	78	62	53 474	24 608,122	203 196,760	8,257	7,797
29	13	98 242	73 616,973	2 811 004,821	38,184	37,724	79	63	50 182	22 864,579	178 588,637	7,811	7,351
30	14	98 169	72 834,034	2 737 387,848	37,584	37,124	80	64	46 828	21 124,878	155 724,058	7,372	6,912
31	15	98 092	72 056,079	2 664 553,814	36,979	36,519	81	65	43 334	19 355,172	134 599,180	6,954	6,494
32	16	98 006	71 280,107	2 592 497,734	36,371	35,911	82	66	39 779	17 591,598	115 244,009	6,551	6,091
33	17	97 917	70 510,339	2 521 217,627	35,757	35,297	83	67	36 204	15 851,868	97 652,411	6,160	5,700
34	18	97 829	69 749,270	2 450 707,288	35,136	34,676	84	68	32 638	14 148,954	81 800,542	5,781	5,321
35	19	97 728	68 987,813	2 380 958,018	34,513	34,053	85	69	29 077	12 480,596	67 651,588	5,421	4,961
36	20	97 623	68 230,970	2 311 970,205	33,884	33,424	86	70	25 514	10 842,938	55 170,992	5,088	4,628
37	21	97 513	67 479,551	2 243 739,235	33,251	32,791	87	71	22 042	9 274,707	44 328,054	4,779	4,319
38	22	97 396	66 731,023	2 176 259,684	32,612	32,152	88	72	18 663	7 774,862	35 053,346	4,509	4,049
39	23	97 269	65 984,019	2 109 528,661	31,970	31,510	89	73	15 602	6 435,562	27 278,484	4,239	3,779
40	24	97 132	65 239,180	2 043 544,642	31,324	30,864	90	74	12 812	5 232,410	20 842,921	3,983	3,523
41	25	96 978	64 490,517	1 978 305,462	30,676	30,216	91	75	10 431	4 217,707	15 610,511	3,701	3,241
42	26	96 812	63 742,943	1 913 814,945	30,024	29,564	92	76	8 218	3 289,968	11 392,804	3,463	3,003
43	27	96 630	62 993,217	1 850 072,001	29,369	28,909	93	77	6 270	2 485,126	8 102,836	3,261	2,801
44	28	96 419	62 233,511	1 787 078,785	28,716	28,256	94	78	4 662	1 829,723	5 617,709	3,070	2,610
45	29	96 189	61 470,240	1 724 845,274	28,060	27,600	95	79	3 367	1 308,403	3 787,986	2,895	2,435
46	30	95 931	60 698,075	1 663 375,034	27,404	26,944	96	80	2 359	907,464	2 479,584	2,732	2,272
47	31	95 640	59 915,122	1 602 676,959	26,749	26,289	97	81	1 598	608,643	1 572,120	2,583	2,123
48	32	95 313	59 119,123	1 542 761,837	26,096	25,636	98	82	1 045	394,098	963,477	2,445	1,985
49	33	94 944	58 306,875	1 483 642,714	25,445	24,985	99	83	658	245,685	569,378	2,318	1,858
							100	84	398	147,143	323,694	2,200	1,740

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	57 504,703	1 429 511,725	24,859	24,399
1							51	34	94 136	56 671,615	1 372 007,022	24,210	23,750
2							52	35	93 646	55 818,461	1 315 335,407	23,565	23,105
3							53	36	93 114	54 951,701	1 259 516,946	22,920	22,460
4							54	37	92 536	54 070,243	1 204 565,244	22,278	21,818
5							55	38	91 895	53 163,820	1 150 495,001	21,641	21,181
6							56	39	91 207	52 243,506	1 097 331,182	21,004	20,544
7							57	40	90 464	51 304,821	1 045 087,676	20,370	19,910
8							58	41	89 680	50 356,365	993 782,855	19,735	19,275
9							59	42	88 813	49 375,855	943 426,490	19,107	18,647
10							60	43	87 877	48 372,003	894 050,635	18,483	18,023
11							61	44	86 854	47 335,239	845 678,632	17,866	17,406
12							62	45	85 780	46 287,291	798 343,393	17,248	16,788
13							63	46	84 611	45 204,354	752 056,102	16,637	16,177
14							64	47	83 370	44 100,464	706 851,749	16,028	15,568
15							65	48	82 029	42 961,573	662 751,284	15,427	14,967
16							66	49	80 601	41 795,639	619 789,711	14,829	14,369
17	0	99 357	83 894,569	3 763 053,815	44,855	44,395	67	50	79 092	40 606,842	577 994,072	14,234	13,774
18	1	99 005	82 769,886	3 679 159,246	44,450	43,990	68	51	77 484	39 387,746	537 387,230	13,644	13,184
19	2	98 922	81 881,552	3 596 389,359	43,922	43,462	69	52	75 772	38 136,145	497 999,484	13,058	12,598
20	3	98 852	81 013,572	3 514 507,808	43,382	42,922	70	53	73 929	36 839,965	459 863,338	12,483	12,023
21	4	98 779	80 152,045	3 433 494,236	42,837	42,377	71	54	71 966	35 506,563	423 023,373	11,914	11,454
22	5	98 711	79 304,203	3 353 342,192	42,285	41,825	72	55	69 883	34 137,711	387 516,811	11,352	10,892
23	6	98 647	78 467,735	3 274 037,989	41,725	41,265	73	56	67 606	32 698,382	353 379,099	10,807	10,347
24	7	98 584	77 641,812	3 195 570,254	41,158	40,698	74	57	65 191	31 217,908	320 680,717	10,272	9,812
25	8	98 519	76 822,375	3 117 928,442	40,586	40,126	75	58	62 578	29 670,228	289 462,809	9,756	9,296
26	9	98 455	76 011,957	3 041 106,067	40,008	39,548	76	59	59 819	28 081,023	259 792,581	9,252	8,792
27	10	98 389	75 208,626	2 965 094,111	39,425	38,965	77	60	56 904	26 448,166	231 711,558	8,761	8,301
28	11	98 318	74 410,861	2 889 885,485	38,837	38,377	78	61	53 780	24 748,831	205 263,392	8,294	7,834
29	12	98 250	73 622,617	2 815 474,624	38,242	37,782	79	62	50 499	23 008,955	180 514,561	7,845	7,385
30	13	98 179	72 841,199	2 741 852,008	37,641	37,182	80	63	47 142	21 266,698	157 505,605	7,406	6,946
31	14	98 104	72 065,001	2 669 010,808	37,036	36,576	81	64	43 648	19 495,457	136 238,908	6,988	6,528
32	15	98 019	71 289,771	2 596 945,808	36,428	35,968	82	65	40 090	17 728,863	116 743,451	6,585	6,125
33	16	97 933	70 521,676	2 525 656,036	35,814	35,354	83	66	36 504	15 983,247	99 014,588	6,195	5,735
34	17	97 846	69 761,516	2 455 134,360	35,193	34,733	84	67	32 935	14 277,734	83 031,341	5,815	5,355
35	18	97 750	69 002,886	2 385 372,844	34,569	34,109	85	68	29 365	12 604,055	68 753,607	5,455	4,995
36	19	97 644	68 245,647	2 316 369,959	33,942	33,482	86	69	25 797	10 963,179	56 149,552	5,122	4,662
37	20	97 534	67 493,792	2 248 124,312	33,309	32,849	87	70	22 309	9 386,864	45 186,374	4,814	4,354
38	21	97 417	66 745,450	2 180 630,520	32,671	32,211	88	71	18 915	7 880,005	35 799,510	4,543	4,083
39	22	97 291	65 999,185	2 113 885,071	32,029	31,569	89	72	15 848	6 536,719	27 919,505	4,271	3,811
40	23	97 154	65 254,023	2 047 885,885	31,383	30,923	90	73	13 038	5 324,716	21 382,786	4,016	3,556
41	24	97 000	64 505,183	1 982 631,863	30,736	30,276	91	74	10 636	4 300,817	16 058,069	3,734	3,274
42	25	96 834	63 757,151	1 918 126,680	30,085	29,625	92	75	8 405	3 364,943	11 757,253	3,494	3,034
43	26	96 656	63 010,051	1 854 369,529	29,430	28,970	93	76	6 433	2 549,757	8 392,310	3,291	2,831
44	27	96 444	62 249,579	1 791 359,478	28,777	28,317	94	77	4 801	1 884,281	5 842,553	3,101	2,641
45	28	96 214	61 486,210	1 729 109,899	28,122	27,662	95	78	3 483	1 353,415	3 958,272	2,925	2,465
46	29	95 957	60 714,915	1 667 623,689	27,466	27,006	96	79	2 451	942,869	2 604,857	2,763	2,303
47	30	95 667	59 931,570	1 606 908,774	26,812	26,352	97	80	1 670	636,239	1 661,988	2,612	2,152
48	31	95 344	59 138,403	1 546 977,204	26,159	25,699	98	81	1 099	414,620	1 025,749	2,474	2,014
49	32	94 977	58 327,076	1 487 838,801	25,509	25,049	99	82	698	260,499	611,129	2,346	1,886
							100	83	426	157,365	350,630	2,228	1,768

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	57 524,626	1 433 337,042	24,917	24,457
1							51	33	94 170	56 692,126	1 375 812,416	24,268	23,808
2							52	34	93 684	55 841,122	1 319 120,289	23,623	23,163
3							53	35	93 153	54 975,129	1 263 279,167	22,979	22,519
4							54	36	92 580	54 095,469	1 208 304,038	22,337	21,877
5							55	37	91 943	53 191,836	1 154 208,569	21,699	21,239
6							56	38	91 261	52 274,325	1 101 016,734	21,062	20,602
7							57	39	90 528	51 340,927	1 048 742,408	20,427	19,967
8							58	40	89 744	50 392,285	997 401,481	19,793	19,333
9							59	41	88 887	49 416,919	947 009,197	19,164	18,704
10							60	42	87 960	48 417,804	897 592,278	18,538	18,078
11							61	43	86 945	47 385,257	849 174,474	17,921	17,461
12							62	44	85 877	46 339,693	801 789,217	17,302	16,842
13							63	45	84 726	45 265,578	755 449,525	16,689	16,229
14							64	46	83 500	44 168,967	710 183,947	16,079	15,619
15							65	47	82 172	43 036,259	666 014,980	15,476	15,016
16							66	48	80 751	41 873,228	622 978,721	14,878	14,418
17							67	49	79 258	40 691,973	581 105,493	14,281	13,821
18	0	99 323	83 035,568	3 683 619,239	44,362	43,902	68	50	77 666	39 479,990	540 413,520	13,688	13,228
19	1	98 950	81 904,840	3 600 583,671	43,961	43,501	69	51	75 962	38 231,371	500 933,530	13,103	12,643
20	2	98 868	81 026,634	3 518 678,831	43,426	42,966	70	52	74 135	36 942,327	462 702,158	12,525	12,065
21	3	98 793	80 163,539	3 437 652,196	42,883	42,423	71	53	72 185	35 614,802	425 759,832	11,955	11,495
22	4	98 723	79 313,708	3 357 488,657	42,332	41,872	72	54	70 107	34 246,827	390 145,029	11,392	10,932
23	5	98 656	78 474,833	3 278 174,949	41,774	41,314	73	55	67 850	32 816,440	355 898,202	10,845	10,385
24	6	98 592	77 648,038	3 199 700,116	41,208	40,748	74	56	65 439	31 336,765	323 081,762	10,310	9,850
25	7	98 528	76 828,793	3 122 052,078	40,636	40,177	75	57	62 838	29 793,163	291 744,998	9,792	9,332
26	8	98 461	76 016,678	3 045 223,285	40,060	39,600	76	58	60 093	28 209,649	261 951,834	9,286	8,826
27	9	98 395	75 213,401	2 969 206,606	39,477	39,017	77	59	57 177	26 575,152	233 742,185	8,796	8,336
28	10	98 326	74 416,856	2 893 993,206	38,889	38,429	78	60	54 076	24 884,899	207 167,033	8,325	7,865
29	11	98 257	73 628,464	2 819 576,350	38,295	37,835	79	61	50 788	23 140,520	182 282,135	7,877	7,417
30	12	98 186	72 846,783	2 745 947,886	37,695	37,235	80	62	47 440	21 400,984	159 141,615	7,436	6,976
31	13	98 114	72 072,090	2 673 101,102	37,089	36,629	81	63	43 941	19 626,338	137 740,631	7,018	6,558
32	14	98 031	71 298,598	2 601 029,012	36,481	36,021	82	64	40 380	17 857,361	118 114,293	6,614	6,154
33	15	97 946	70 531,237	2 529 730,414	35,867	35,407	83	65	36 789	16 107,962	100 256,932	6,224	5,764
34	16	97 862	69 772,732	2 459 199,177	35,246	34,786	84	66	33 208	14 396,066	84 148,970	5,845	5,385
35	17	97 767	69 015,001	2 389 426,444	34,622	34,162	85	67	29 632	12 718,773	69 752,904	5,484	5,024
36	18	97 665	68 260,557	2 320 411,444	33,993	33,533	86	68	26 053	11 071,627	57 034,131	5,151	4,691
37	19	97 555	67 508,309	2 252 150,886	33,361	32,901	87	69	22 556	9 490,957	45 962,504	4,843	4,383
38	20	97 437	66 759,535	2 184 642,577	32,724	32,264	88	70	19 144	7 975,296	36 471,546	4,573	4,113
39	21	97 312	66 013,454	2 117 883,042	32,083	31,623	89	71	16 062	6 625,118	28 496,251	4,301	3,841
40	22	97 177	65 269,021	2 051 869,588	31,437	30,977	90	72	13 243	5 408,412	21 871,133	4,044	3,584
41	23	97 022	64 519,858	1 986 600,567	30,791	30,331	91	73	10 824	4 376,688	16 462,721	3,761	3,301
42	24	96 856	63 771,650	1 922 080,709	30,140	29,680	92	74	8 571	3 431,249	12 086,032	3,522	3,062
43	25	96 678	63 024,095	1 858 309,059	29,486	29,026	93	75	6 579	2 607,863	8 654,783	3,319	2,859
44	26	96 470	62 266,214	1 795 284,964	28,832	28,372	94	76	4 926	1 933,285	6 046,921	3,128	2,668
45	27	96 239	61 502,086	1 733 018,750	28,178	27,718	95	77	3 587	1 393,770	4 113,635	2,951	2,491
46	28	95 982	60 730,689	1 671 516,664	27,523	27,063	96	78	2 535	975,306	2 719,865	2,789	2,329
47	29	95 693	59 948,197	1 610 785,975	26,870	26,410	97	79	1 735	661,062	1 744,559	2,639	2,179
48	30	95 371	59 154,638	1 550 837,778	26,217	25,757	98	80	1 149	433,419	1 083,497	2,500	2,040
49	31	95 008	58 346,099	1 491 683,140	25,566	25,106	99	81	734	274,064	650,078	2,372	1,912
							100	82	451	166,854	376,014	2,254	1,794

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	57 543,387	1 436 842,291	24,970	24,510
1							51	32	94 203	56 711,768	1 379 298,904	24,321	23,861
2							52	33	93 718	55 861,333	1 322 587,136	23,676	23,216
3							53	34	93 191	54 997,448	1 266 725,804	23,032	22,572
4							54	35	92 619	54 118,532	1 211 728,355	22,390	21,930
5							55	36	91 986	53 216,651	1 157 609,824	21,753	21,293
6							56	37	91 309	52 301,872	1 104 393,172	21,116	20,656
7							57	38	90 581	51 371,214	1 052 091,300	20,480	20,020
8							58	39	89 807	50 427,748	1 000 720,086	19,845	19,385
9							59	40	88 950	49 452,168	950 292,337	19,216	18,756
10							60	41	88 034	48 458,071	900 840,169	18,590	18,130
11							61	42	87 028	47 430,123	852 382,098	17,971	17,511
12							62	43	85 968	46 388,658	804 951,975	17,352	16,892
13							63	44	84 822	45 316,823	758 563,317	16,739	16,279
14							64	45	83 613	44 228,789	713 246,493	16,126	15,666
15							65	46	82 300	43 103,108	669 017,704	15,521	15,061
16							66	47	80 891	41 946,022	625 914,596	14,922	14,462
17							67	48	79 405	40 767,514	583 968,574	14,324	13,864
18							68	49	77 829	39 562,758	543 201,060	13,730	13,270
19	0	99 268	82 167,745	3 604 697,859	43,870	43,410	69	50	76 140	38 320,907	503 638,302	13,143	12,683
20	1	98 896	81 049,679	3 522 530,114	43,461	43,001	70	51	74 320	37 034,572	465 317,396	12,564	12,104
21	2	98 809	80 176,465	3 441 480,434	42,924	42,464	71	52	72 386	35 713,759	428 282,824	11,992	11,532
22	3	98 737	79 325,082	3 361 303,970	42,374	41,914	72	53	70 320	34 351,227	392 569,064	11,428	10,968
23	4	98 667	78 484,240	3 281 978,888	41,817	41,357	73	54	68 067	32 921,333	358 217,838	10,881	10,421
24	5	98 601	77 655,062	3 203 494,648	41,253	40,793	74	55	65 675	31 449,907	325 296,505	10,343	9,883
25	6	98 536	76 834,954	3 125 839,586	40,683	40,223	75	56	63 077	29 906,596	293 846,598	9,825	9,365
26	7	98 469	76 023,030	3 049 004,632	40,106	39,646	76	57	60 342	28 326,532	263 940,003	9,318	8,858
27	8	98 401	75 218,073	2 972 981,602	39,525	39,065	77	58	57 439	26 696,880	235 613,470	8,826	8,366
28	9	98 333	74 421,580	2 897 763,529	38,937	38,477	78	59	54 335	25 004,378	208 916,590	8,355	7,895
29	10	98 265	73 634,396	2 823 341,949	38,343	37,883	79	60	51 067	23 267,745	183 912,212	7,904	7,444
30	11	98 194	72 852,569	2 749 707,553	37,743	37,283	80	61	47 711	21 523,354	160 644,467	7,464	7,004
31	12	98 121	72 077,615	2 676 854,984	37,139	36,679	81	62	44 219	19 750,267	139 121,112	7,044	6,584
32	13	98 041	71 305,612	2 604 777,368	36,530	36,070	82	63	40 651	17 977,245	119 370,846	6,640	6,180
33	14	97 958	70 539,970	2 533 471,756	35,915	35,455	83	64	37 055	16 224,712	101 393,601	6,249	5,789
34	15	97 875	69 782,192	2 462 931,786	35,295	34,835	84	65	33 467	14 508,397	85 168,889	5,870	5,410
35	16	97 783	69 026,097	2 393 149,594	34,670	34,210	85	66	29 878	12 824,185	70 660,493	5,510	5,050
36	17	97 682	68 272,542	2 324 123,496	34,042	33,582	86	67	26 290	11 172,398	57 836,308	5,177	4,717
37	18	97 576	67 523,059	2 255 850,955	33,409	32,949	87	68	22 780	9 584,842	46 663,910	4,869	4,409
38	19	97 458	66 773,895	2 188 327,896	32,772	32,312	88	69	19 356	8 063,736	37 079,068	4,598	4,138
39	20	97 332	66 027,385	2 121 554,001	32,131	31,671	89	70	16 256	6 705,233	29 015,332	4,327	3,867
40	21	97 198	65 283,132	2 055 526,616	31,486	31,026	90	71	13 422	5 481,552	22 310,098	4,070	3,610
41	22	97 044	64 534,688	1 990 243,484	30,840	30,380	91	72	10 994	4 445,483	16 828,546	3,786	3,326
42	23	96 878	63 786,158	1 925 708,796	30,190	29,730	92	73	8 722	3 491,780	12 383,063	3,546	3,086
43	24	96 700	63 038,427	1 861 922,638	29,536	29,076	93	74	6 709	2 659,251	8 891,283	3,344	2,884
44	25	96 492	62 280,093	1 798 884,211	28,884	28,424	94	75	5 038	1 977,343	6 232,032	3,152	2,692
45	26	96 265	61 518,521	1 736 604,118	28,229	27,769	95	76	3 680	1 430,018	4 254,689	2,975	2,515
46	27	96 007	60 746,369	1 675 085,597	27,575	27,115	96	77	2 611	1 004,387	2 824,671	2,812	2,352
47	28	95 718	59 963,772	1 614 339,227	26,922	26,462	97	78	1 795	683,804	1 820,284	2,662	2,202
48	29	95 397	59 171,049	1 554 375,456	26,269	25,809	98	79	1 194	450,329	1 136,480	2,524	2,064
49	30	95 034	58 362,116	1 495 204,406	25,619	25,159	99	80	767	286,490	686,151	2,395	1,935
							100	81	475	175,542	399,661	2,277	1,817

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	57 559,183	1 440 053,227	25,019	24,559
1							51	31	94 233	56 730,263	1 382 494,043	24,370	23,910
2							52	32	93 750	55 880,687	1 325 763,780	23,725	23,265
3							53	33	93 225	55 017,353	1 269 883,093	23,082	22,622
4							54	34	92 657	54 140,503	1 214 865,740	22,439	21,979
5							55	35	92 026	53 239,340	1 160 725,237	21,802	21,342
6							56	36	91 352	52 326,273	1 107 485,898	21,165	20,705
7							57	37	90 629	51 398,285	1 055 159,625	20,529	20,069
8							58	38	89 860	50 457,497	1 003 761,339	19,893	19,433
9							59	39	89 013	49 486,970	953 303,843	19,264	18,804
10							60	40	88 096	48 492,637	903 816,872	18,638	18,178
11							61	41	87 100	47 469,569	855 324,236	18,018	17,558
12							62	42	86 049	46 432,581	807 854,666	17,398	16,938
13							63	43	84 911	45 364,708	761 422,086	16,784	16,324
14							64	44	83 707	44 278,861	716 057,378	16,172	15,712
15							65	45	82 411	43 161,487	671 778,517	15,564	15,104
16							66	46	81 017	42 011,178	628 617,030	14,963	14,503
17							67	47	79 543	40 838,385	586 605,852	14,364	13,904
18							68	48	77 973	39 636,202	545 767,467	13,769	13,309
19							69	49	76 299	38 401,245	506 131,265	13,180	12,720
20	0	99 213	81 309,840	3 526 327,505	43,369	42,909	70	50	74 494	37 121,304	467 730,020	12,600	12,140
21	1	98 837	80 199,268	3 445 017,666	42,956	42,496	71	51	72 567	35 802,937	430 608,715	12,027	11,567
22	2	98 753	79 337,873	3 364 818,398	42,411	41,951	72	52	70 516	34 446,673	394 805,778	11,461	11,001
23	3	98 682	78 495,495	3 285 480,525	41,856	41,396	73	53	68 275	33 021,692	360 359,106	10,913	10,453
24	4	98 613	77 664,370	3 206 985,030	41,293	40,833	74	54	65 885	31 550,431	327 337,414	10,375	9,915
25	5	98 545	76 841,905	3 129 320,660	40,724	40,264	75	55	63 305	30 014,574	295 786,983	9,855	9,395
26	6	98 477	76 029,125	3 052 478,755	40,149	39,689	76	56	60 571	28 434,381	265 772,409	9,347	8,887
27	7	98 409	75 224,357	2 976 449,630	39,568	39,108	77	57	57 677	26 807,495	237 338,028	8,853	8,393
28	8	98 339	74 426,203	2 901 225,273	38,981	38,521	78	58	54 584	25 118,912	210 530,533	8,381	7,921
29	9	98 272	73 639,071	2 826 799,070	38,387	37,927	79	59	51 312	23 379,460	185 411,621	7,931	7,471
30	10	98 202	72 858,439	2 753 159,999	37,788	37,328	80	60	47 973	21 641,688	162 032,160	7,487	7,027
31	11	98 129	72 083,340	2 680 301,560	37,183	36,723	81	61	44 471	19 863,198	140 390,472	7,068	6,608
32	12	98 049	71 311,078	2 608 218,219	36,575	36,115	82	62	40 908	18 090,760	120 527,274	6,662	6,202
33	13	97 968	70 546,910	2 536 907,141	35,961	35,501	83	63	37 304	16 333,635	102 436,513	6,272	5,812
34	14	97 887	69 790,832	2 466 360,231	35,339	34,879	84	64	33 709	14 613,553	86 102,879	5,892	5,432
35	15	97 796	69 035,456	2 396 569,399	34,715	34,255	85	65	30 111	12 924,250	71 489,326	5,531	5,071
36	16	97 698	68 283,519	2 327 533,943	34,086	33,626	86	66	26 508	11 264,993	58 565,076	5,199	4,739
37	17	97 593	67 534,914	2 259 250,424	33,453	32,993	87	67	22 987	9 672,081	47 300,082	4,890	4,430
38	18	97 480	66 788,484	2 191 715,510	32,816	32,356	88	68	19 548	8 143,503	37 628,001	4,621	4,161
39	19	97 353	66 041,588	2 124 927,026	32,176	31,716	89	69	16 436	6 779,590	29 484,499	4,349	3,889
40	20	97 218	65 296,909	2 058 885,438	31,531	31,071	90	70	13 585	5 547,839	22 704,909	4,093	3,633
41	21	97 065	64 548,640	1 993 588,530	30,885	30,425	91	71	11 143	4 505,601	17 157,070	3,808	3,348
42	22	96 900	63 800,819	1 929 039,890	30,235	29,775	92	72	8 859	3 546,666	12 651,469	3,567	3,107
43	23	96 722	63 052,769	1 865 239,070	29,582	29,122	93	73	6 827	2 706,163	9 104,803	3,364	2,904
44	24	96 514	62 294,256	1 802 186,302	28,930	28,470	94	74	5 138	2 016,306	6 398,640	3,173	2,713
45	25	96 286	61 532,233	1 739 892,046	28,276	27,816	95	75	3 764	1 462,607	4 382,334	2,996	2,536
46	26	96 033	60 762,603	1 678 359,813	27,622	27,162	96	76	2 679	1 030,508	2 919,728	2,833	2,373
47	27	95 743	59 979,254	1 617 597,210	26,969	26,509	97	77	1 849	704,194	1 889,219	2,683	2,223
48	28	95 422	59 186,422	1 557 617,956	26,317	25,857	98	78	1 235	465,822	1 185,026	2,544	2,084
49	29	95 060	58 378,308	1 498 431,534	25,668	25,208	99	79	797	297,667	719,204	2,416	1,956
							100	80	496	183,501	421,537	2,297	1,837

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	57 575,152	1 442 996,085	25,063	24,603
1							51	30	94 259	56 745,837	1 385 420,933	24,414	23,955
2							52	31	93 781	55 898,911	1 328 675,096	23,769	23,309
3							53	32	93 257	55 036,415	1 272 776,185	23,126	22,666
4							54	33	92 690	54 160,098	1 217 739,771	22,484	22,024
5							55	34	92 063	53 260,954	1 163 579,673	21,847	21,387
6							56	35	91 391	52 348,582	1 110 318,719	21,210	20,750
7							57	36	90 671	51 422,265	1 057 970,137	20,574	20,114
8							58	37	89 907	50 484,087	1 006 547,873	19,938	19,478
9							59	38	89 065	49 516,164	956 063,786	19,308	18,848
10							60	39	88 158	48 526,764	906 547,623	18,681	18,221
11							61	40	87 162	47 503,429	858 020,859	18,062	17,602
12							62	41	86 121	46 471,197	810 517,430	17,441	16,981
13							63	42	84 992	45 407,661	764 046,232	16,826	16,366
14							64	43	83 796	44 325,648	718 638,571	16,213	15,753
15							65	44	82 504	43 210,350	674 312,922	15,605	15,145
16							66	45	81 127	42 068,078	631 102,572	15,002	14,542
17							67	46	79 666	40 901,821	589 034,495	14,401	13,941
18							68	47	78 109	39 705,107	548 132,674	13,805	13,345
19							69	48	76 441	38 472,533	508 427,567	13,215	12,755
20							70	49	74 650	37 199,127	469 955,034	12,633	12,174
21	0	99 154	80 456,698	3 448 524,556	42,862	42,402	71	50	72 736	35 886,785	432 755,906	12,059	11,599
22	1	98 781	79 360,438	3 368 067,858	42,440	41,980	72	51	70 692	34 532,686	396 869,121	11,493	11,033
23	2	98 698	78 508,151	3 288 707,420	41,890	41,430	73	52	68 464	33 113,444	362 336,435	10,942	10,482
24	3	98 627	77 675,508	3 210 199,269	41,328	40,868	74	53	66 086	31 646,611	329 222,991	10,403	9,943
25	4	98 556	76 851,115	3 132 523,761	40,761	40,301	75	54	63 507	30 110,511	297 576,380	9,883	9,423
26	5	98 486	76 036,004	3 055 672,645	40,187	39,727	76	55	60 790	28 537,044	267 465,869	9,373	8,913
27	6	98 417	75 230,389	2 979 636,642	39,607	39,147	77	56	57 897	26 909,560	238 928,826	8,879	8,419
28	7	98 347	74 432,421	2 904 406,253	39,021	38,561	78	57	54 810	25 222,989	212 019,265	8,406	7,946
29	8	98 278	73 643,645	2 829 973,832	38,428	37,968	79	58	51 548	23 486,551	186 796,276	7,953	7,493
30	9	98 208	72 863,065	2 756 330,186	37,829	37,369	80	59	48 204	21 745,597	163 309,726	7,510	7,050
31	10	98 137	72 089,148	2 683 467,122	37,224	36,764	81	60	44 716	19 972,405	141 564,129	7,088	6,628
32	11	98 056	71 316,743	2 611 377,974	36,617	36,157	82	61	41 142	18 194,203	121 591,724	6,683	6,223
33	12	97 975	70 552,318	2 540 061,231	36,003	35,543	83	62	37 540	16 436,772	103 397,521	6,291	5,831
34	13	97 897	69 797,698	2 469 508,914	35,381	34,921	84	63	33 936	14 711,660	86 960,750	5,911	5,451
35	14	97 808	69 044,003	2 399 711,216	34,756	34,296	85	64	30 329	13 017,925	72 249,090	5,550	5,090
36	15	97 711	68 292,777	2 330 667,212	34,128	33,668	86	65	26 714	11 352,892	59 231,165	5,217	4,757
37	16	97 609	67 545,773	2 262 374,435	33,494	33,034	87	66	23 177	9 752,242	47 878,273	4,909	4,449
38	17	97 497	66 800,210	2 194 828,663	32,857	32,397	88	67	19 725	8 217,623	38 126,031	4,640	4,180
39	18	97 375	66 056,017	2 128 028,452	32,216	31,756	89	68	16 599	6 846,654	29 908,408	4,368	3,908
40	19	97 239	65 310,954	2 061 972,436	31,572	31,112	90	69	13 735	5 609,361	23 061,755	4,111	3,651
41	20	97 086	64 562,262	1 996 661,481	30,926	30,466	91	70	11 278	4 560,086	17 452,394	3,827	3,367
42	21	96 921	63 814,613	1 932 099,220	30,277	29,817	92	71	8 979	3 594,629	12 892,308	3,587	3,127
43	22	96 744	63 067,261	1 868 284,607	29,624	29,164	93	72	6 934	2 748,699	9 297,679	3,383	2,923
44	23	96 536	62 308,428	1 805 217,346	28,972	28,512	94	73	5 228	2 051,876	6 548,980	3,192	2,732
45	24	96 308	61 546,226	1 742 908,918	28,319	27,859	95	74	3 838	1 491,427	4 497,104	3,015	2,555
46	25	96 054	60 776,146	1 681 362,692	27,665	27,205	96	75	2 740	1 053,993	3 005,677	2,852	2,392
47	26	95 768	59 995,282	1 620 586,546	27,012	26,552	97	76	1 897	722,507	1 951,684	2,701	2,241
48	27	95 447	59 201,704	1 560 591,264	26,361	25,901	98	77	1 272	479,711	1 229,177	2,562	2,102
49	28	95 085	58 393,474	1 501 389,560	25,712	25,252	99	78	825	307,908	749,465	2,434	1,974
							100	79	516	190,661	441,558	2,316	1,856



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	57 590,110	1 445 693,486	25,103	24,643
1							51	29	94 285	56 761,580	1 388 103,375	24,455	23,995
2							52	30	93 807	55 914,256	1 331 341,795	23,810	23,350
3							53	31	93 288	55 054,364	1 275 427,539	23,167	22,707
4							54	32	92 722	54 178,862	1 220 373,175	22,525	22,065
5							55	33	92 096	53 280,230	1 166 194,313	21,888	21,428
6							56	34	91 428	52 369,834	1 112 914,083	21,251	20,791
7							57	35	90 710	51 444,188	1 060 544,248	20,615	20,155
8							58	36	89 949	50 507,639	1 009 100,060	19,979	19,519
9							59	37	89 112	49 542,257	958 592,421	19,349	18,889
10							60	38	88 210	48 555,390	909 050,164	18,722	18,262
11							61	39	87 224	47 536,860	860 494,774	18,102	17,642
12							62	40	86 182	46 504,345	812 957,913	17,481	17,021
13							63	41	85 062	45 445,425	766 453,568	16,865	16,405
14							64	42	83 875	44 367,618	721 008,142	16,251	15,791
15							65	43	82 592	43 256,009	676 640,525	15,643	15,183
16							66	44	81 218	42 115,703	633 384,516	15,039	14,579
17							67	45	79 774	40 957,218	591 268,813	14,436	13,976
18							68	46	78 230	39 766,782	550 311,595	13,838	13,378
19							69	47	76 574	38 539,415	510 544,813	13,247	12,787
20							70	48	74 788	37 268,184	472 005,398	12,665	12,205
21							71	49	72 889	35 962,200	434 737,214	12,089	11,629
22	0	99 098	79 615,175	3 371 308,131	42,345	41,885	72	50	70 857	34 613,560	398 775,193	11,521	11,061
23	1	98 726	78 530,480	3 291 692,956	41,916	41,456	73	51	68 635	33 196,128	364 161,634	10,970	10,510
24	2	98 643	77 688,032	3 213 162,475	41,360	40,900	74	52	66 270	31 734,542	330 965,506	10,429	9,969
25	3	98 570	76 862,136	3 135 474,443	40,793	40,334	75	53	63 701	30 202,301	299 230,963	9,908	9,448
26	4	98 498	76 045,117	3 058 612,307	40,221	39,761	76	54	60 984	28 628,258	269 028,662	9,397	8,937
27	5	98 426	75 237,195	2 982 567,189	39,642	39,182	77	55	58 106	27 006,718	240 400,405	8,902	8,442
28	6	98 355	74 438,390	2 907 329,994	39,057	38,597	78	56	55 019	25 319,021	213 393,686	8,428	7,968
29	7	98 286	73 649,798	2 832 891,605	38,464	38,004	79	57	51 761	23 583,864	188 074,665	7,975	7,515
30	8	98 215	72 867,591	2 759 241,807	37,867	37,407	80	58	48 425	21 845,203	164 490,801	7,530	7,070
31	9	98 143	72 093,725	2 686 374,216	37,262	36,802	81	59	44 931	20 068,298	142 645,598	7,108	6,648
32	10	98 064	71 322,488	2 614 280,492	36,654	36,194	82	60	41 368	18 294,233	122 577,300	6,700	6,240
33	11	97 983	70 557,922	2 542 958,003	36,041	35,581	83	61	37 754	16 530,757	104 283,066	6,308	5,848
34	12	97 904	69 803,049	2 472 400,082	35,420	34,960	84	62	34 150	14 804,555	87 752,310	5,927	5,467
35	13	97 818	69 050,796	2 402 597,033	34,795	34,335	85	63	30 533	13 105,319	72 947,755	5,566	5,106
36	14	97 723	68 301,232	2 333 546,237	34,166	33,706	86	64	26 908	11 435,178	59 842,435	5,233	4,773
37	15	97 622	67 554,931	2 265 245,005	33,532	33,072	87	65	23 358	9 828,337	48 407,257	4,925	4,465
38	16	97 512	66 810,951	2 197 690,074	32,894	32,434	88	66	19 889	8 285,730	38 578,920	4,656	4,196
39	17	97 392	66 067,614	2 130 879,123	32,253	31,793	89	67	16 750	6 908,970	30 293,191	4,385	3,925
40	18	97 260	65 325,224	2 064 811,509	31,608	31,148	90	68	13 871	5 664,849	23 384,221	4,128	3,668
41	19	97 107	64 576,149	1 999 486,285	30,963	30,503	91	69	11 403	4 610,654	17 719,372	3,843	3,383
42	20	96 941	63 828,080	1 934 910,136	30,314	29,854	92	70	9 087	3 638,097	13 108,718	3,603	3,143
43	21	96 765	63 080,896	1 871 082,057	29,662	29,202	93	71	7 028	2 785,871	9 470,621	3,400	2,940
44	22	96 558	62 322,749	1 808 001,161	29,010	28,550	94	72	5 310	2 084,128	6 684,749	3,207	2,747
45	23	96 330	61 560,228	1 745 678,411	28,357	27,897	95	73	3 906	1 517,738	4 600,621	3,031	2,571
46	24	96 076	60 789,967	1 684 118,183	27,704	27,244	96	74	2 794	1 074,761	3 082,883	2,868	2,408
47	25	95 790	60 008,655	1 623 328,216	27,052	26,592	97	75	1 940	738,973	2 008,122	2,717	2,257
48	26	95 472	59 217,524	1 563 319,561	26,400	25,940	98	76	1 305	492,187	1 269,149	2,579	2,119
49	27	95 109	58 408,551	1 504 102,037	25,751	25,291	99	77	849	317,089	776,962	2,450	1,990
							100	78	533	197,220	459,874	2,332	1,872

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	57 604,980	1 448 166,720	25,140	24,680
1							51	28	94 310	56 776,327	1 390 561,740	24,492	24,032
2							52	29	93 833	55 929,769	1 333 785,413	23,848	23,388
3							53	30	93 313	55 069,477	1 277 855,644	23,204	22,744
4							54	31	92 753	54 196,532	1 222 786,167	22,562	22,102
5							55	32	92 128	53 298,690	1 168 589,636	21,925	21,465
6							56	33	91 461	52 388,788	1 115 290,946	21,289	20,829
7							57	34	90 747	51 465,073	1 062 902,157	20,653	20,193
8							58	35	89 987	50 529,172	1 011 437,084	20,017	19,557
9							59	36	89 154	49 565,371	960 907,912	19,387	18,927
10							60	37	88 257	48 580,978	911 342,541	18,759	18,299
11							61	38	87 275	47 564,903	862 761,563	18,139	17,679
12							62	39	86 243	46 537,073	815 196,660	17,517	17,057
13							63	40	85 123	45 477,842	768 659,587	16,902	16,442
14							64	41	83 945	44 404,517	723 181,745	16,286	15,826
15							65	42	82 670	43 296,966	678 777,228	15,677	15,217
16							66	43	81 304	42 160,205	635 480,263	15,073	14,613
17							67	44	79 865	41 003,586	593 320,057	14,470	14,010
18							68	45	78 336	39 820,642	552 316,472	13,870	13,410
19							69	46	76 693	38 599,279	512 495,830	13,277	12,817
20							70	47	74 918	37 332,972	473 896,550	12,694	12,234
21							71	48	73 024	36 028,780	436 563,578	12,117	11,657
22							72	49	71 006	34 686,126	400 534,798	11,547	11,087
23	0	99 043	78 782,554	3 294 688,224	41,820	41,360	73	50	68 796	33 273,871	365 848,672	10,995	10,535
24	1	98 671	77 710,128	3 215 905,670	41,383	40,923	74	51	66 435	31 813,784	332 574,801	10,454	9,994
25	2	98 586	76 874,530	3 138 195,542	40,822	40,362	75	52	63 878	30 286,219	300 761,018	9,931	9,471
26	3	98 512	76 056,023	3 061 321,013	40,251	39,791	76	53	61 170	28 715,529	270 474,798	9,419	8,959
27	4	98 438	75 246,213	2 985 264,990	39,673	39,213	77	54	58 291	27 093,041	241 759,269	8,923	8,463
28	5	98 364	74 445,124	2 910 018,777	39,089	38,629	78	55	55 218	25 410,436	214 666,228	8,448	7,988
29	6	98 294	73 655,704	2 835 573,653	38,498	38,038	79	56	51 958	23 673,656	189 255,792	7,994	7,534
30	7	98 223	72 873,679	2 761 917,949	37,900	37,440	80	57	48 625	21 935,716	165 582,136	7,549	7,089
31	8	98 149	72 098,203	2 689 044,271	37,297	36,837	81	58	45 136	20 160,222	143 646,420	7,125	6,665
32	9	98 070	71 327,016	2 616 946,068	36,689	36,229	82	59	41 567	18 382,069	123 486,199	6,718	6,258
33	10	97 991	70 563,606	2 545 619,052	36,076	35,616	83	60	37 962	16 621,642	105 104,129	6,323	5,863
34	11	97 912	69 808,593	2 475 055,446	35,455	34,995	84	61	34 345	14 889,207	88 482,487	5,943	5,483
35	12	97 825	69 056,089	2 405 246,853	34,830	34,370	85	62	30 725	13 188,072	73 593,280	5,580	5,120
36	13	97 733	68 307,952	2 336 190,763	34,201	33,741	86	63	27 089	11 511,947	60 405,209	5,247	4,787
37	14	97 634	67 563,295	2 267 882,811	33,567	33,107	87	64	23 528	9 899,573	48 893,262	4,939	4,479
38	15	97 526	66 820,009	2 200 319,517	32,929	32,469	88	65	20 044	8 350,382	38 993,689	4,670	4,210
39	16	97 407	66 078,237	2 133 499,508	32,287	31,827	89	66	16 889	6 966,231	30 643,307	4,399	3,939
40	17	97 277	65 336,693	2 067 421,271	31,643	31,183	90	67	13 997	5 716,409	23 677,077	4,142	3,682
41	18	97 128	64 590,258	2 002 084,578	30,997	30,537	91	68	11 515	4 656,263	17 960,668	3,857	3,397
42	19	96 962	63 841,809	1 937 494,320	30,348	29,888	92	69	9 188	3 678,441	13 304,405	3,617	3,157
43	20	96 785	63 094,208	1 873 652,511	29,696	29,236	93	70	7 113	2 819,560	9 625,964	3,414	2,954
44	21	96 579	62 336,223	1 810 558,303	29,045	28,585	94	71	5 382	2 112,313	6 806,404	3,222	2,762
45	22	96 352	61 574,377	1 748 222,079	28,392	27,932	95	72	3 967	1 541,594	4 694,091	3,045	2,585
46	23	96 098	60 803,797	1 686 647,702	27,739	27,279	96	73	2 843	1 093,721	3 152,497	2,882	2,422
47	24	95 811	60 022,301	1 625 843,905	27,087	26,627	97	74	1 978	753,534	2 058,776	2,732	2,272
48	25	95 493	59 230,724	1 565 821,604	26,436	25,976	98	75	1 335	503,403	1 305,242	2,593	2,133
49	26	95 135	58 424,160	1 506 590,880	25,787	25,327	99	76	871	325,335	801,838	2,465	2,005
							100	77	549	203,101	476,503	2,346	1,886

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 1,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	57 620,374	1 450 435,726	25,172	24,712
1							51	27	94 334	56 790,987	1 392 815,352	24,525	24,065
2							52	28	93 857	55 944,299	1 336 024,366	23,881	23,421
3							53	29	93 339	55 084,755	1 280 080,066	23,238	22,778
4							54	30	92 778	54 211,409	1 224 995,311	22,597	22,137
5							55	31	92 158	53 316,072	1 170 783,901	21,959	21,499
6							56	32	91 493	52 406,939	1 117 467,829	21,323	20,863
7							57	33	90 780	51 483,700	1 065 060,890	20,687	20,227
8							58	34	90 024	50 549,686	1 013 577,190	20,051	19,591
9							59	35	89 192	49 586,502	963 027,504	19,421	18,961
10							60	36	88 298	48 603,643	913 441,001	18,794	18,334
11							61	37	87 321	47 589,969	864 837,359	18,173	17,713
12							62	38	86 294	46 564,526	817 247,390	17,551	17,091
13							63	39	85 183	45 509,847	770 682,864	16,934	16,474
14							64	40	84 005	44 436,191	725 173,017	16,319	15,859
15							65	41	82 739	43 332,974	680 736,826	15,709	15,249
16							66	42	81 381	42 200,124	637 403,852	15,104	14,644
17							67	43	79 949	41 046,913	595 203,728	14,501	14,041
18							68	44	78 425	39 865,723	554 156,815	13,901	13,441
19							69	45	76 797	38 651,558	514 291,092	13,306	12,846
20							70	46	75 035	37 390,962	475 639,534	12,721	12,261
21							71	47	73 151	36 091,414	438 248,571	12,143	11,683
22							72	48	71 138	34 750,517	402 157,158	11,573	11,113
23							73	49	68 940	33 343,629	367 406,641	11,019	10,559
24	0	98 988	77 959,569	3 218 675,579	41,286	40,826	74	50	66 591	31 888,289	334 063,012	10,476	10,016
25	1	98 614	76 896,394	3 140 716,011	40,843	40,383	75	51	64 037	30 361,844	302 174,723	9,952	9,492
26	2	98 528	76 068,286	3 063 819,617	40,277	39,817	76	52	61 340	28 795,316	271 812,878	9,439	8,980
27	3	98 452	75 257,004	2 987 751,331	39,701	39,241	77	53	58 469	27 175,632	243 017,562	8,942	8,483
28	4	98 375	74 454,047	2 912 494,327	39,118	38,658	78	54	55 394	25 491,656	215 841,929	8,467	8,007
29	5	98 303	73 662,367	2 838 040,280	38,528	38,068	79	55	52 146	23 759,130	190 350,273	8,012	7,552
30	6	98 231	72 879,522	2 764 377,913	37,931	37,471	80	56	48 810	22 019,232	166 591,143	7,566	7,106
31	7	98 157	72 104,227	2 691 498,391	37,328	36,868	81	57	45 323	20 243,753	144 571,911	7,142	6,682
32	8	98 077	71 331,447	2 619 394,164	36,721	36,261	82	58	41 757	18 466,269	124 328,157	6,733	6,273
33	9	97 997	70 568,086	2 548 062,717	36,108	35,648	83	59	38 144	16 701,447	105 861,888	6,338	5,879
34	10	97 920	69 814,217	2 477 494,631	35,487	35,027	84	60	34 534	14 971,067	89 160,441	5,956	5,496
35	11	97 833	69 061,574	2 407 680,414	34,863	34,403	85	61	30 901	13 263,481	74 189,374	5,594	5,134
36	12	97 740	68 313,188	2 338 618,840	34,234	33,774	86	62	27 260	11 584,638	60 925,893	5,259	4,799
37	13	97 644	67 569,942	2 270 305,651	33,599	33,139	87	63	23 685	9 966,032	49 341,255	4,951	4,491
38	14	97 538	66 828,282	2 202 735,710	32,961	32,501	88	64	20 189	8 410,905	39 375,223	4,681	4,221
39	15	97 421	66 087,196	2 135 907,428	32,320	31,860	89	65	17 021	7 020,587	30 964,318	4,411	3,951
40	16	97 293	65 347,198	2 069 820,232	31,674	31,214	90	66	14 113	5 763,786	23 943,731	4,154	3,694
41	17	97 145	64 601,598	2 004 473,034	31,028	30,568	91	67	11 620	4 698,643	18 179,945	3,869	3,409
42	18	96 983	63 855,758	1 939 871,436	30,379	29,919	92	68	9 279	3 714,829	13 481,303	3,629	3,169
43	19	96 806	63 107,780	1 876 015,678	29,727	29,267	93	69	7 192	2 850,827	9 766,474	3,426	2,966
44	20	96 599	62 349,378	1 812 907,898	29,077	28,617	94	70	5 447	2 137,857	6 915,647	3,235	2,775
45	21	96 373	61 587,689	1 750 558,520	28,424	27,964	95	71	4 021	1 562,442	4 777,791	3,058	2,598
46	22	96 120	60 817,773	1 688 970,830	27,771	27,311	96	72	2 888	1 110,913	3 215,349	2,894	2,434
47	23	95 833	60 035,957	1 628 153,058	27,120	26,660	97	73	2 013	766,827	2 104,436	2,744	2,284
48	24	95 515	59 244,193	1 568 117,101	26,469	26,009	98	74	1 361	513,323	1 337,609	2,606	2,146
49	25	95 156	58 437,182	1 508 872,908	25,820	25,360	99	75	891	332,749	824,286	2,477	2,017
							100	76	564	208,383	491,536	2,359	1,899

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 1,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	57 633,217	1 452 515,593	25,203	24,743
1							51	26	94 359	56 806,163	1 394 882,376	24,555	24,095
2							52	27	93 881	55 958,744	1 338 076,213	23,912	23,452
3							53	28	93 363	55 099,067	1 282 117,469	23,269	22,809
4							54	29	92 804	54 226,450	1 227 018,403	22,628	22,168
5							55	30	92 183	53 330,709	1 172 791,953	21,991	21,531
6							56	31	91 522	52 424,031	1 119 461,244	21,354	20,894
7							57	32	90 811	51 501,537	1 067 037,214	20,719	20,259
8							58	33	90 057	50 567,982	1 015 535,677	20,083	19,623
9							59	34	89 228	49 606,634	964 967,695	19,452	18,992
10							60	35	88 336	48 624,364	915 361,062	18,825	18,365
11							61	36	87 362	47 612,171	866 736,698	18,204	17,744
12							62	37	86 339	46 589,064	819 124,527	17,582	17,122
13							63	38	85 233	45 536,694	772 535,462	16,965	16,505
14							64	39	84 064	44 467,463	726 998,768	16,349	15,889
15							65	40	82 798	43 363,884	682 531,305	15,740	15,280
16							66	41	81 449	42 235,221	639 167,421	15,134	14,674
17							67	42	80 025	41 085,778	596 932,200	14,529	14,069
18							68	43	78 508	39 907,848	555 846,423	13,928	13,468
19							69	44	76 884	38 695,315	515 938,575	13,333	12,873
20							70	45	75 136	37 441,605	477 243,259	12,746	12,286
21							71	46	73 265	36 147,475	439 801,655	12,167	11,707
22							72	47	71 261	34 810,928	403 654,179	11,596	11,136
23							73	48	69 068	33 405,528	368 843,251	11,041	10,581
24							74	49	66 730	31 955,142	335 437,723	10,497	10,037
25	0	98 931	77 143,222	3 143 278,429	40,746	40,286	75	50	64 187	30 432,950	303 482,581	9,972	9,512
26	1	98 556	76 089,921	3 066 135,206	40,296	39,836	76	51	61 494	28 867,219	273 049,631	9,459	8,999
27	2	98 468	75 269,138	2 990 045,285	39,725	39,265	77	52	58 631	27 251,141	244 182,413	8,960	8,500
28	3	98 390	74 464,724	2 914 776,147	39,143	38,683	78	53	55 563	25 569,366	216 931,272	8,484	8,024
29	4	98 314	73 671,196	2 840 311,423	38,554	38,094	79	54	52 312	23 835,072	191 361,906	8,029	7,569
30	5	98 239	72 886,115	2 766 640,226	37,958	37,498	80	55	48 987	22 098,733	167 526,833	7,581	7,121
31	6	98 165	72 110,008	2 693 754,111	37,356	36,896	81	56	45 496	20 320,828	145 428,100	7,157	6,697
32	7	98 085	71 337,407	2 621 644,103	36,750	36,290	82	57	41 930	18 542,782	125 107,272	6,747	6,287
33	8	98 003	70 572,470	2 550 306,696	36,137	35,677	83	58	38 319	16 777,949	106 564,490	6,351	5,891
34	9	97 926	69 818,650	2 479 734,227	35,517	35,057	84	59	34 700	15 042,948	89 786,542	5,969	5,509
35	10	97 841	69 067,138	2 409 915,577	34,892	34,432	85	60	31 071	13 336,402	74 743,594	5,604	5,144
36	11	97 748	68 318,614	2 340 848,439	34,264	33,804	86	61	27 416	11 650,879	61 407,191	5,271	4,811
37	12	97 651	67 575,121	2 272 529,825	33,630	33,170	87	62	23 835	10 028,962	49 756,313	4,961	4,501
38	13	97 547	66 834,857	2 204 954,703	32,991	32,531	88	63	20 325	8 467,371	39 727,351	4,692	4,232
39	14	97 433	66 095,378	2 138 119,847	32,349	31,889	89	64	17 144	7 071,472	31 259,980	4,421	3,961
40	15	97 306	65 356,058	2 072 024,468	31,704	31,244	90	65	14 224	5 808,759	24 188,508	4,164	3,704
41	16	97 160	64 611,985	2 006 668,410	31,057	30,597	91	66	11 717	4 737,584	18 379,748	3,880	3,420
42	17	97 001	63 866,969	1 942 056,425	30,408	29,948	92	67	9 364	3 748,640	13 642,164	3,639	3,179
43	18	96 827	63 121,568	1 878 189,457	29,755	29,295	93	68	7 263	2 879,027	9 893,524	3,436	2,976
44	19	96 620	62 362,790	1 815 067,889	29,105	28,645	94	69	5 508	2 161,564	7 014,497	3,245	2,785
45	20	96 393	61 600,687	1 752 705,099	28,453	27,993	95	70	4 070	1 581,336	4 852,933	3,069	2,609
46	21	96 141	60 830,921	1 691 104,413	27,800	27,340	96	71	2 927	1 125,936	3 271,597	2,906	2,446
47	22	95 855	60 049,756	1 630 273,491	27,149	26,689	97	72	2 045	778,881	2 145,661	2,755	2,295
48	23	95 537	59 257,671	1 570 223,736	26,498	26,038	98	73	1 385	522,379	1 366,780	2,616	2,156
49	24	95 178	58 450,471	1 510 966,064	25,850	25,390	99	74	909	339,306	844,402	2,489	2,029
							100	75	576	213,131	505,095	2,370	1,910

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 764 957,888	47,650	47,189	50	50	93 003	49 974,204	1 090 397,108	21,819	21,359
1	1	99 275	98 049,528	4 664 957,888	47,578	47,117	51	51	92 389	49 031,560	1 040 422,904	21,219	20,759
2	2	99 212	96 777,047	4 566 908,360	47,190	46,730	52	52	91 717	48 073,696	991 391,344	20,622	20,162
3	3	99 177	95 548,464	4 470 131,313	46,784	46,324	53	53	90 982	47 099,601	943 317,648	20,028	19,568
4	4	99 147	94 341,076	4 374 582,848	46,370	45,909	54	54	90 185	46 110,667	896 218,047	19,436	18,976
5	5	99 121	93 151,780	4 280 241,773	45,949	45,489	55	55	89 321	45 105,392	850 107,380	18,847	18,387
6	6	99 101	91 982,791	4 187 089,993	45,520	45,060	56	56	88 386	44 082,058	805 001,988	18,261	17,801
7	7	99 082	90 830,340	4 095 107,202	45,085	44,625	57	57	87 395	43 049,611	760 919,930	17,675	17,215
8	8	99 064	89 692,808	4 004 276,861	44,644	44,184	58	58	86 341	42 005,457	717 870,319	17,090	16,630
9	9	99 049	88 571,471	3 914 584,053	44,197	43,737	59	59	85 187	40 932,530	675 864,862	16,512	16,051
10	10	99 034	87 464,934	3 826 012,582	43,743	43,283	60	60	83 967	39 847,879	634 932,332	15,934	15,474
11	11	99 017	86 370,437	3 738 547,648	43,285	42,825	61	61	82 622	38 725,723	595 084,453	15,367	14,906
12	12	99 000	85 289,067	3 652 177,210	42,821	42,361	62	62	81 229	37 602,631	556 358,730	14,796	14,335
13	13	98 982	84 220,851	3 566 888,143	42,352	41,891	63	63	79 727	36 451,650	518 756,100	14,231	13,771
14	14	98 963	83 165,623	3 482 667,292	41,876	41,416	64	64	78 155	35 291,866	482 304,449	13,666	13,206
15	15	98 935	82 115,174	3 399 501,670	41,399	40,939	65	65	76 477	34 107,976	447 012,580	13,106	12,645
16	16	98 902	81 074,215	3 317 386,496	40,918	40,458	66	66	74 702	32 905,083	412 904,604	12,548	12,088
17	17	98 856	80 036,686	3 236 312,280	40,435	39,975	67	67	72 853	31 694,402	379 999,521	11,989	11,529
18	18	98 805	79 007,717	3 156 275,594	39,949	39,489	68	68	70 895	30 461,534	348 305,119	11,434	10,974
19	19	98 729	77 971,912	3 077 267,877	39,466	39,006	69	69	68 821	29 205,315	317 843,586	10,883	10,423
20	20	98 654	76 950,750	2 999 295,965	38,977	38,516	70	70	66 595	27 911,693	288 638,270	10,341	9,881
21	21	98 574	75 939,312	2 922 345,215	38,483	38,022	71	71	64 247	26 595,219	260 726,577	9,804	9,343
22	22	98 497	74 943,293	2 846 405,902	37,981	37,520	72	72	61 752	25 246,886	234 131,358	9,274	8,813
23	23	98 419	73 959,421	2 771 462,610	37,473	37,012	73	73	59 028	23 835,151	208 884,472	8,764	8,303
24	24	98 342	72 989,505	2 697 503,189	36,957	36,497	74	74	56 145	22 391,204	185 049,321	8,264	7,804
25	25	98 263	72 030,489	2 624 513,684	36,436	35,976	75	75	53 072	20 904,613	162 658,117	7,781	7,321
26	26	98 183	71 083,217	2 552 483,195	35,908	35,448	76	76	49 829	19 384,708	141 753,503	7,313	6,852
27	27	98 097	70 144,026	2 481 399,978	35,376	34,915	77	77	46 421	17 836,028	122 368,796	6,861	6,400
28	28	98 010	69 216,330	2 411 255,952	34,837	34,376	78	78	42 837	16 255,655	104 532,768	6,431	5,970
29	29	97 924	68 301,700	2 342 039,622	34,290	33,829	79	79	39 108	14 657,496	88 277,113	6,023	5,562
30	30	97 833	67 396,371	2 273 737,922	33,737	33,276	80	80	35 359	13 088,831	73 619,617	5,625	5,164
31	31	97 742	66 501,843	2 206 341,551	33,177	32,717	81	81	31 529	11 526,805	60 530,786	5,251	4,791
32	32	97 637	65 610,750	2 139 839,708	32,614	32,154	82	82	27 725	10 010,902	49 003,981	4,895	4,435
33	33	97 531	64 729,937	2 074 228,958	32,044	31,584	83	83	23 995	8 557,203	38 993,079	4,557	4,096
34	34	97 425	63 861,259	2 009 499,022	31,467	31,006	84	84	20 410	7 188,986	30 435,876	4,234	3,773
35	35	97 306	62 996,312	1 945 637,762	30,885	30,425	85	85	17 005	5 915,583	23 246,890	3,930	3,469
36	36	97 181	62 138,237	1 882 641,450	30,298	29,837	86	86	13 800	4 741,392	17 331,308	3,655	3,195
37	37	97 047	61 286,523	1 820 503,213	29,705	29,244	87	87	10 900	3 698,814	12 589,915	3,404	2,943
38	38	96 900	60 438,267	1 759 216,689	29,108	28,647	88	88	8 281	2 775,393	8 891,101	3,204	2,743
39	39	96 738	59 592,694	1 698 778,423	28,506	28,046	89	89	6 150	2 035,619	6 115,709	3,004	2,544
40	40	96 557	58 746,548	1 639 185,729	27,903	27,442	90	90	4 421	1 445,267	4 080,089	2,823	2,363
41	41	96 357	57 900,876	1 580 439,181	27,296	26,835	91	91	3 126	1 009,399	2 634,822	2,610	2,150
42	42	96 134	57 053,656	1 522 538,305	26,686	26,226	92	92	2 083	664,233	1 625,423	2,447	1,987
43	43	95 888	56 205,203	1 465 484,649	26,074	25,613	93	93	1 322	416,470	961,190	2,308	1,848
44	44	95 602	55 346,076	1 409 279,446	25,463	25,003	94	94	803	249,830	544,721	2,180	1,720
45	45	95 291	54 484,782	1 353 933,369	24,850	24,389	95	95	465	142,790	294,891	2,065	1,605
46	46	94 933	53 609,805	1 299 448,588	24,239	23,779	96	96	256	77,553	152,100	1,961	1,501
47	47	94 524	52 720,222	1 245 838,782	23,631	23,171	97	97	133	39,921	74,547	1,867	1,407
48	48	94 068	51 818,207	1 193 118,560	23,025	22,565	98	98	66	19,425	34,627	1,783	1,322
49	49	93 563	50 903,246	1 141 300,353	22,421	21,961	99	99	30	8,911	15,202	1,706	1,246
							100	100	13	3,844	6,291	1,637	1,176

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	4 749 049,913	47,643	47,183	50	51	92 786	49 857,441	1 076 191,381	21,585	21,125
1	2	99 247	98 021,649	4 649 369,874	47,432	46,972	51	52	92 159	48 909,433	1 026 333,940	20,984	20,524
2	3	99 196	96 761,445	4 551 348,225	47,037	46,576	52	53	91 463	47 940,492	977 424,508	20,388	19,928
3	4	99 162	95 534,764	4 454 586,780	46,628	46,168	53	54	90 705	46 956,456	929 484,016	19,795	19,334
4	5	99 135	94 329,769	4 359 052,016	46,211	45,750	54	55	89 897	45 963,751	882 527,560	19,201	18,740
5	6	99 112	93 143,353	4 264 722,247	45,787	45,326	55	56	89 000	44 943,124	836 563,808	18,614	18,153
6	7	99 093	91 975,416	4 171 578,893	45,355	44,895	56	57	88 051	43 914,859	791 620,684	18,026	17,566
7	8	99 074	90 822,752	4 079 603,477	44,918	44,458	57	58	87 034	42 871,976	747 705,825	17,440	16,980
8	9	99 058	89 687,237	3 988 780,725	44,474	44,014	58	59	85 947	41 813,927	704 833,849	16,856	16,396
9	10	99 042	88 565,849	3 899 093,487	44,025	43,564	59	60	84 780	40 736,940	663 019,921	16,276	15,815
10	11	99 026	87 457,888	3 810 527,639	43,570	43,109	60	61	83 508	39 629,995	622 282,981	15,702	15,242
11	12	99 009	86 363,578	3 723 069,751	43,109	42,649	61	62	82 152	38 505,549	582 652,986	15,132	14,671
12	13	98 992	85 282,529	3 636 706,173	42,643	42,183	62	63	80 719	37 366,683	544 147,437	14,562	14,102
13	14	98 972	84 212,566	3 551 423,644	42,172	41,712	63	64	79 195	36 208,568	506 780,755	13,996	13,536
14	15	98 951	83 155,327	3 467 211,078	41,696	41,235	64	65	77 593	35 037,916	470 572,187	13,430	12,970
15	16	98 921	82 104,042	3 384 055,751	41,217	40,756	65	66	75 885	33 843,898	435 534,271	12,869	12,409
16	17	98 886	81 061,182	3 301 951,708	40,734	40,274	66	67	74 088	32 634,611	401 690,374	12,309	11,848
17	18	98 839	80 022,637	3 220 890,527	40,250	39,789	67	68	72 196	31 408,530	369 055,763	11,750	11,290
18	19	98 784	78 990,459	3 140 867,890	39,763	39,302	68	69	70 200	30 163,159	337 647,233	11,194	10,734
19	20	98 708	77 955,144	3 061 877,431	39,277	38,817	69	70	68 066	28 885,001	307 484,075	10,645	10,185
20	21	98 633	76 934,514	2 983 922,287	38,785	38,325	70	71	65 799	27 578,199	278 599,073	10,102	9,642
21	22	98 553	75 922,898	2 906 987,773	38,289	37,828	71	72	63 389	26 240,359	251 020,875	9,566	9,106
22	23	98 474	74 926,071	2 831 064,875	37,785	37,324	72	73	60 796	24 856,187	224 780,516	9,043	8,583
23	24	98 397	73 942,598	2 756 138,804	37,274	36,814	73	74	58 004	23 421,959	199 924,329	8,536	8,075
24	25	98 320	72 972,911	2 682 196,205	36,756	36,296	74	75	55 060	21 958,515	176 502,370	8,038	7,578
25	26	98 242	72 014,437	2 609 223,294	36,232	35,772	75	76	51 890	20 438,834	154 543,855	7,561	7,101
26	27	98 157	71 064,226	2 537 208,857	35,703	35,243	76	77	48 566	18 893,350	134 105,020	7,098	6,638
27	28	98 072	70 125,919	2 466 144,631	35,167	34,707	77	78	45 077	17 319,599	115 211,670	6,652	6,192
28	29	97 984	69 198,353	2 396 018,712	34,625	34,165	78	79	41 412	15 715,023	97 892,072	6,229	5,769
29	30	97 896	68 282,756	2 326 820,359	34,076	33,616	79	80	37 640	14 107,097	82 177,049	5,825	5,365
30	31	97 807	67 377,875	2 258 537,603	33,520	33,060	80	81	33 826	12 521,126	68 069,951	5,436	4,976
31	32	97 710	66 480,161	2 191 159,729	32,960	32,499	81	82	29 968	10 956,277	55 548,825	5,070	4,610
32	33	97 604	65 588,026	2 124 679,567	32,394	31,934	82	83	26 148	9 441,604	44 592,548	4,723	4,263
33	34	97 495	64 706,518	2 059 091,541	31,822	31,362	83	84	22 436	8 001,335	35 150,944	4,393	3,933
34	35	97 385	63 835,343	1 994 385,023	31,243	30,782	84	85	18 900	6 657,103	27 149,609	4,078	3,618
35	36	97 265	62 969,466	1 930 549,680	30,659	30,198	85	86	15 555	5 411,011	20 492,507	3,787	3,327
36	37	97 135	62 109,261	1 867 580,214	30,069	29,609	86	87	12 466	4 283,143	15 081,496	3,521	3,061
37	38	96 996	61 254,244	1 805 470,952	29,475	29,015	87	88	9 650	3 274,702	10 798,353	3,298	2,837
38	39	96 843	60 402,634	1 744 216,709	28,877	28,416	88	89	7 242	2 427,186	7 523,650	3,100	2,639
39	40	96 670	59 550,784	1 683 814,074	28,275	27,815	89	90	5 290	1 751,103	5 096,464	2,910	2,450
40	41	96 488	58 704,674	1 624 263,290	27,668	27,208	90	91	3 766	1 231,083	3 345,361	2,717	2,257
41	42	96 277	57 852,762	1 565 558,616	27,061	26,601	91	92	2 585	834,628	2 114,277	2,533	2,073
42	43	96 043	56 999,686	1 507 705,855	26,451	25,991	92	93	1 689	538,704	1 279,650	2,375	1,915
43	44	95 786	56 145,876	1 450 706,168	25,838	25,378	93	94	1 049	330,309	740,946	2,243	1,783
44	45	95 494	55 283,490	1 394 560,292	25,226	24,765	94	95	622	193,520	410,636	2,122	1,662
45	46	95 162	54 411,088	1 339 276,803	24,614	24,154	95	96	351	107,885	217,116	2,012	1,552
46	47	94 785	53 526,661	1 284 865,715	24,004	23,544	96	97	188	57,080	109,231	1,914	1,453
47	48	94 360	52 628,730	1 231 339,054	23,397	22,936	97	98	95	28,585	52,151	1,824	1,364
48	49	93 894	51 722,190	1 178 710,324	22,789	22,329	98	99	46	13,514	23,566	1,744	1,283
49	50	93 367	50 796,752	1 126 988,134	22,186	21,726	99	100	21	6,016	10,052	1,671	1,211

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	4 732 340,289	47,489	47,028	50	52	92 555	49 733,257	1 061 002,226	21,334	20,873
1	3	99 231	98 005,847	4 632 688,592	47,270	46,809	51	53	91 904	48 773,913	1 011 268,969	20,734	20,273
2	4	99 181	96 747,571	4 534 682,746	46,871	46,411	52	54	91 185	47 794,792	962 495,057	20,138	19,678
3	5	99 150	95 523,314	4 437 935,175	46,459	45,999	53	55	90 416	46 806,846	914 700,265	19,542	19,082
4	6	99 126	94 321,236	4 342 411,860	46,039	45,578	54	56	89 574	45 798,395	867 893,419	18,950	18,490
5	7	99 104	93 135,885	4 248 090,624	45,612	45,151	55	57	88 662	44 772,660	822 095,024	18,362	17,901
6	8	99 084	91 967,732	4 154 954,739	45,178	44,718	56	58	87 687	43 733,654	777 322,364	17,774	17,314
7	9	99 068	90 817,111	4 062 987,007	44,738	44,278	57	59	86 637	42 676,495	733 588,710	17,190	16,729
8	10	99 052	89 681,544	3 972 169,896	44,292	43,832	58	60	85 537	41 614,126	690 912,215	16,603	16,142
9	11	99 035	88 558,714	3 882 488,352	43,841	43,380	59	61	84 317	40 514,195	649 298,089	16,026	15,566
10	12	99 018	87 450,942	3 793 929,638	43,384	42,923	60	62	83 033	39 404,680	608 783,894	15,450	14,989
11	13	99 002	86 356,958	3 706 478,697	42,920	42,460	61	63	81 637	38 263,935	569 379,213	14,880	14,420
12	14	98 982	85 274,140	3 620 121,739	42,453	41,992	62	64	80 181	37 117,498	531 115,278	14,309	13,849
13	15	98 960	84 202,141	3 534 847,599	41,980	41,520	63	65	78 625	35 948,017	493 997,781	13,742	13,282
14	16	98 938	83 144,055	3 450 645,458	41,502	41,042	64	66	76 992	34 766,637	458 049,763	13,175	12,715
15	17	98 905	82 090,843	3 367 501,403	41,022	40,561	65	67	75 262	33 565,709	423 283,126	12,611	12,150
16	18	98 868	81 046,952	3 285 410,560	40,537	40,077	66	68	73 420	32 340,258	389 717,417	12,051	11,590
17	19	98 817	80 005,157	3 204 363,608	40,052	39,592	67	69	71 489	31 100,879	357 377,159	11,491	11,031
18	20	98 762	78 973,472	3 124 358,451	39,562	39,102	68	70	69 430	29 832,339	326 276,280	10,937	10,477
19	21	98 687	77 938,696	3 045 384,980	39,074	38,614	69	71	67 253	28 539,877	296 443,941	10,387	9,927
20	22	98 612	76 917,885	2 967 446,283	38,579	38,119	70	72	64 921	27 210,223	267 904,063	9,846	9,385
21	23	98 530	75 905,452	2 890 528,398	38,081	37,620	71	73	62 408	25 834,285	240 693,840	9,317	8,856
22	24	98 452	74 909,029	2 814 622,947	37,574	37,113	72	74	59 742	24 425,295	214 859,555	8,797	8,336
23	25	98 374	73 925,787	2 739 713,918	37,060	36,600	73	75	56 883	22 969,352	190 434,260	8,291	7,830
24	26	98 298	72 956,649	2 665 788,131	36,539	36,079	74	76	53 833	21 469,254	167 464,909	7,800	7,340
25	27	98 215	71 995,198	2 592 831,481	36,014	35,554	75	77	50 575	19 920,757	145 995,655	7,329	6,868
26	28	98 132	71 045,882	2 520 836,283	35,482	35,021	76	78	47 160	18 346,307	126 074,898	6,872	6,412
27	29	98 046	70 107,705	2 449 790,401	34,943	34,483	77	79	43 578	16 743,582	107 728,591	6,434	5,974
28	30	97 957	69 179,160	2 379 682,696	34,399	33,938	78	80	39 857	15 124,914	90 985,009	6,016	5,555
29	31	97 870	68 264,016	2 310 503,536	33,847	33,386	79	81	36 007	13 495,228	75 860,096	5,621	5,161
30	32	97 775	67 355,908	2 242 239,520	33,289	32,829	80	82	32 151	11 901,383	62 364,868	5,240	4,780
31	33	97 676	66 457,137	2 174 883,612	32,726	32,266	81	83	28 264	10 333,218	50 463,484	4,884	4,423
32	34	97 568	65 564,297	2 108 426,476	32,158	31,698	82	84	24 449	8 828,286	40 130,267	4,546	4,085
33	35	97 456	64 680,259	2 042 862,179	31,584	31,124	83	85	20 776	7 409,349	31 301,981	4,225	3,764
34	36	97 344	63 808,139	1 978 181,920	31,002	30,542	84	86	17 288	6 089,282	23 892,632	3,924	3,463
35	37	97 220	62 940,102	1 914 373,780	30,416	29,955	85	87	14 051	4 888,044	17 803,349	3,642	3,182
36	38	97 084	62 076,548	1 851 433,678	29,825	29,365	86	88	11 037	3 792,032	12 915,305	3,406	2,946
37	39	96 938	61 218,130	1 789 357,130	29,229	28,769	87	89	8 440	2 863,851	9 123,274	3,186	2,725
38	40	96 775	60 360,155	1 728 139,000	28,630	28,170	88	90	6 230	2 087,942	6 259,422	2,998	2,538
39	41	96 602	59 508,337	1 667 778,844	28,026	27,566	89	91	4 506	1 491,596	4 171,481	2,797	2,336
40	42	96 408	58 655,891	1 608 270,507	27,419	26,958	90	92	3 114	1 017,928	2 679,885	2,633	2,172
41	43	96 185	57 798,036	1 549 614,616	26,811	26,350	91	93	2 096	676,897	1 661,956	2,455	1,995
42	44	95 941	56 939,520	1 491 816,580	26,200	25,740	92	94	1 340	427,255	985,060	2,306	1,845
43	45	95 678	56 082,385	1 434 877,059	25,585	25,125	93	95	812	255,860	557,804	2,180	1,720
44	46	95 365	55 208,715	1 378 794,674	24,974	24,514	94	96	470	146,215	301,944	2,065	1,605
45	47	95 014	54 326,701	1 323 585,959	24,363	23,903	95	97	258	79,405	155,729	1,961	1,501
46	48	94 621	53 433,770	1 269 259,259	23,754	23,293	96	98	135	40,872	76,325	1,867	1,407
47	49	94 185	52 531,211	1 215 825,489	23,145	22,684	97	99	66	19,887	35,453	1,783	1,322
48	50	93 698	51 613,983	1 163 294,277	22,538	22,078	98	100	31	9,123	15,566	1,706	1,246
49	51	93 149	50 678,068	1 111 680,294	21,936	21,476							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	4 714 503,646	47,317	46,857	50	53	92 298	49 595,454	1 044 804,987	21,067	20,606
1	4	99 217	97 991,794	4 614 868,015	47,094	46,634	51	54	91 625	48 625,680	995 209,533	20,467	20,006
2	5	99 169	96 735,976	4 516 876,221	46,693	46,232	52	55	90 894	47 642,510	946 583,853	19,868	19,408
3	6	99 141	95 514,673	4 420 140,245	46,277	45,817	53	56	90 091	46 638,457	898 941,343	19,275	18,814
4	7	99 119	94 313,674	4 324 625,572	45,854	45,393	54	57	89 234	45 624,687	852 302,886	18,681	18,220
5	8	99 096	93 128,104	4 230 311,898	45,425	44,964	55	58	88 297	44 587,915	806 678,200	18,092	17,631
6	9	99 078	91 962,020	4 137 183,794	44,988	44,528	56	59	87 288	43 534,244	762 090,285	17,506	17,045
7	10	99 062	90 811,346	4 045 221,774	44,545	44,085	57	60	86 223	42 472,572	718 556,040	16,918	16,458
8	11	99 044	89 674,319	3 954 410,428	44,097	43,637	58	61	85 069	41 386,585	676 083,468	16,336	15,875
9	12	99 027	88 551,680	3 864 736,109	43,644	43,183	59	62	83 837	40 283,853	634 696,884	15,756	15,295
10	13	99 011	87 444,238	3 776 184,429	43,184	42,724	60	63	82 512	39 157,425	594 413,030	15,180	14,720
11	14	98 992	86 348,463	3 688 740,190	42,719	42,259	61	64	81 093	38 008,767	555 255,606	14,609	14,148
12	15	98 970	85 263,584	3 602 391,728	42,250	41,790	62	65	79 604	36 850,407	517 246,839	14,036	13,576
13	16	98 946	84 190,726	3 517 128,144	41,776	41,315	63	66	78 016	35 669,692	480 396,432	13,468	13,008
14	17	98 922	83 130,688	3 432 937,418	41,296	40,835	64	67	76 359	34 480,864	444 726,739	12,898	12,437
15	18	98 888	82 076,433	3 349 806,730	40,813	40,353	65	68	74 583	33 262,959	410 245,876	12,333	11,873
16	19	98 847	81 029,249	3 267 730,297	40,328	39,867	66	69	72 701	32 023,481	376 982,917	11,772	11,312
17	20	98 796	79 987,951	3 186 701,048	39,840	39,379	67	70	70 705	30 759,775	344 959,436	11,215	10,754
18	21	98 742	78 956,809	3 106 713,097	39,347	38,887	68	71	68 601	29 475,896	314 199,661	10,660	10,199
19	22	98 665	77 921,850	3 027 756,288	38,856	38,396	69	72	66 355	28 159,070	284 723,765	10,111	9,651
20	23	98 589	76 900,210	2 949 834,437	38,359	37,899	70	73	63 916	26 789,141	256 564,695	9,577	9,117
21	24	98 508	75 888,186	2 872 934,228	37,857	37,397	71	74	61 327	25 386,437	229 775,554	9,051	8,591
22	25	98 430	74 891,998	2 797 046,041	37,348	36,887	72	75	58 588	23 953,299	204 389,117	8,533	8,072
23	26	98 352	73 909,313	2 722 154,043	36,831	36,371	73	76	55 616	22 457,568	180 435,818	8,035	7,574
24	27	98 272	72 937,158	2 648 244,730	36,309	35,848	74	77	52 469	20 925,058	157 978,251	7,550	7,089
25	28	98 190	71 976,614	2 575 307,572	35,780	35,319	75	78	49 110	19 343,966	137 053,192	7,085	6,625
26	29	98 106	71 027,429	2 503 330,958	35,245	34,784	76	79	45 591	17 736,143	117 709,226	6,637	6,176
27	30	98 019	70 088,260	2 432 303,528	34,703	34,243	77	80	41 941	16 114,850	99 973,083	6,204	5,743
28	31	97 930	69 160,174	2 362 215,268	34,156	33,695	78	81	38 128	14 468,898	83 858,234	5,796	5,335
29	32	97 838	68 241,760	2 293 055,094	33,602	33,142	79	82	34 225	12 827,271	69 389,336	5,410	4,949
30	33	97 741	67 332,580	2 224 813,334	33,042	32,582	80	83	30 323	11 224,578	56 562,065	5,039	4,579
31	34	97 641	66 433,093	2 157 480,755	32,476	32,016	81	84	26 428	9 661,981	45 337,487	4,692	4,232
32	35	97 529	65 537,690	2 091 047,662	31,906	31,446	82	85	22 641	8 175,118	35 675,506	4,364	3,904
33	36	97 414	64 652,695	2 025 509,972	31,329	30,869	83	86	19 004	6 777,366	27 500,388	4,058	3,597
34	37	97 298	63 778,385	1 960 857,277	30,745	30,284	84	87	15 617	5 500,762	20 723,022	3,767	3,307
35	38	97 168	62 906,952	1 897 078,892	30,157	29,697	85	88	12 440	4 327,573	15 222,260	3,518	3,057
36	39	97 027	62 039,950	1 834 171,940	29,564	29,104	86	89	9 652	3 316,276	10 894,687	3,285	2,825
37	40	96 870	61 175,078	1 772 131,991	28,968	28,508	87	90	7 260	2 463,575	7 578,411	3,076	2,616
38	41	96 706	60 317,131	1 710 956,913	28,366	27,906	88	91	5 307	1 778,516	5 114,837	2,876	2,416
39	42	96 521	59 458,887	1 650 639,782	27,761	27,301	89	92	3 726	1 233,335	3 336,321	2,705	2,245
40	43	96 317	58 600,406	1 591 180,895	27,153	26,693	90	93	2 525	825,557	2 102,986	2,547	2,087
41	44	96 084	57 737,027	1 532 580,489	26,544	26,084	91	94	1 663	536,858	1 277,429	2,379	1,919
42	45	95 833	56 875,132	1 474 843,462	25,931	25,471	92	95	1 038	330,955	740,571	2,238	1,777
43	46	95 549	56 006,530	1 417 968,330	25,318	24,858	93	96	614	193,316	409,615	2,119	1,659
44	47	95 217	55 123,091	1 361 961,800	24,708	24,247	94	97	346	107,615	216,300	2,010	1,550
45	48	94 850	54 232,421	1 306 838,709	24,097	23,637	95	98	185	56,857	108,684	1,912	1,451
46	49	94 446	53 334,759	1 252 606,287	23,486	23,025	96	99	94	28,435	51,827	1,823	1,362
47	50	93 988	52 421,312	1 199 271,528	22,878	22,417	97	100	45	13,426	23,392	1,742	1,282
48	51	93 479	51 493,389	1 146 850,216	22,272	21,811							
49	52	92 917	50 551,839	1 095 356,827	21,668	21,208							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	4 695 499,138	47,133	46,673	50	54	92 018	49 444,724	1 027 586,804	20,783	20,322
1	5	99 205	97 980,050	4 595 877,793	46,906	46,446	51	55	91 333	48 470,751	978 142,080	20,180	19,720
2	6	99 161	96 727,225	4 497 897,743	46,501	46,040	52	56	90 567	47 471,115	929 671,329	19,584	19,124
3	7	99 133	95 507,015	4 401 170,518	46,082	45,622	53	57	89 749	46 461,562	882 200,214	18,988	18,527
4	8	99 110	94 305,795	4 305 663,503	45,656	45,196	54	58	88 866	45 436,427	835 738,652	18,394	17,933
5	9	99 090	93 122,320	4 211 357,708	45,224	44,764	55	59	87 894	44 384,610	790 302,225	17,806	17,345
6	10	99 072	91 956,182	4 118 235,388	44,785	44,324	56	60	86 871	43 326,222	745 917,615	17,216	16,756
7	11	99 054	90 804,030	4 026 279,207	44,340	43,880	57	61	85 752	42 240,337	702 591,393	16,633	16,173
8	12	99 036	89 667,197	3 935 475,177	43,890	43,429	58	62	84 585	41 151,283	660 351,056	16,047	15,587
9	13	99 019	88 544,892	3 845 807,980	43,433	42,973	59	63	83 311	40 031,081	619 199,773	15,468	15,008
10	14	99 001	87 435,636	3 757 263,087	42,972	42,511	60	64	81 962	38 896,298	579 168,692	14,890	14,430
11	15	98 980	86 337,773	3 669 827,451	42,505	42,045	61	65	80 509	37 735,263	540 272,394	14,317	13,857
12	16	98 957	85 252,025	3 583 489,678	42,034	41,574	62	66	78 988	36 565,095	502 537,132	13,744	13,283
13	17	98 930	84 177,192	3 498 237,653	41,558	41,098	63	67	77 375	35 376,496	465 972,036	13,172	12,711
14	18	98 904	83 116,096	3 414 060,461	41,076	40,615	64	68	75 670	34 169,859	430 595,540	12,602	12,141
15	19	98 866	82 058,504	3 330 944,365	40,592	40,132	65	69	73 852	32 937,143	396 425,681	12,036	11,575
16	20	98 825	81 011,823	3 248 885,861	40,104	39,643	66	70	71 904	31 672,258	363 488,538	11,477	11,016
17	21	98 775	79 971,075	3 167 874,038	39,613	39,152	67	71	69 860	30 392,251	331 816,280	10,918	10,457
18	22	98 720	78 939,743	3 087 902,963	39,117	38,657	68	72	67 685	29 082,599	301 424,029	10,364	9,904
19	23	98 643	77 903,944	3 008 963,221	38,624	38,164	69	73	65 328	27 723,304	272 341,430	9,824	9,363
20	24	98 567	76 882,718	2 931 059,276	38,124	37,663	70	74	62 808	26 324,740	244 618,125	9,292	8,832
21	25	98 485	75 870,933	2 854 176,558	37,619	37,158	71	75	60 142	24 895,868	218 293,385	8,768	8,308
22	26	98 408	74 875,309	2 778 305,625	37,106	36,645	72	76	57 282	23 419,591	193 397,517	8,258	7,798
23	27	98 326	73 889,568	2 703 430,316	36,587	36,127	73	77	54 206	21 888,321	169 977,926	7,766	7,305
24	28	98 247	72 918,331	2 629 540,748	36,061	35,601	74	78	50 949	20 319,188	148 089,606	7,288	6,828
25	29	98 164	71 957,919	2 556 622,417	35,529	35,069	75	79	47 477	18 700,622	127 770,417	6,832	6,372
26	30	98 079	71 007,729	2 484 664,498	34,991	34,531	76	80	43 879	17 070,140	109 069,795	6,390	5,929
27	31	97 992	70 069,025	2 413 656,769	34,447	33,986	77	81	40 122	15 415,897	91 999,655	5,968	5,507
28	32	97 898	69 137,626	2 343 587,744	33,897	33,437	78	82	36 241	13 752,748	76 583,758	5,569	5,108
29	33	97 804	68 218,125	2 274 450,118	33,341	32,880	79	83	32 279	12 097,812	62 831,010	5,194	4,733
30	34	97 706	67 308,219	2 206 231,993	32,778	32,318	80	84	28 353	10 495,439	50 733,198	4,834	4,373
31	35	97 601	66 406,133	2 138 923,774	32,210	31,749	81	85	24 473	8 947,132	40 237,758	4,497	4,037
32	36	97 487	65 509,760	2 072 517,641	31,637	31,176	82	86	20 709	7 477,818	31 290,627	4,184	3,724
33	37	97 369	64 622,546	2 007 007,881	31,057	30,597	83	87	17 167	6 122,343	23 812,809	3,889	3,429
34	38	97 247	63 744,793	1 942 385,334	30,471	30,011	84	88	13 827	4 870,036	17 690,466	3,633	3,172
35	39	97 111	62 869,864	1 878 640,541	29,881	29,421	85	89	10 879	3 784,627	12 820,430	3,388	2,927
36	40	96 959	61 996,320	1 815 770,677	29,288	28,828	86	90	8 303	2 852,764	9 035,802	3,167	2,707
37	41	96 801	61 131,472	1 753 774,358	28,689	28,228	87	91	6 184	2 098,481	6 183,038	2,946	2,486
38	42	96 625	60 267,009	1 692 642,885	28,086	27,625	88	92	4 388	1 470,576	4 084,557	2,778	2,317
39	43	96 430	59 402,642	1 632 375,877	27,480	27,019	89	93	3 022	1 000,255	2 613,981	2,613	2,153
40	44	96 215	58 538,551	1 572 973,235	26,871	26,410	90	94	2 003	654,763	1 613,726	2,465	2,004
41	45	95 975	57 671,737	1 514 434,684	26,260	25,799	91	95	1 288	415,855	958,963	2,306	1,846
42	46	95 703	56 798,205	1 456 762,947	25,648	25,188	92	96	784	250,054	543,108	2,172	1,712
43	47	95 401	55 919,669	1 399 964,743	25,035	24,575	93	97	452	142,282	293,054	2,060	1,599
44	48	95 052	55 027,430	1 344 045,074	24,425	23,965	94	98	248	77,057	150,772	1,957	1,496
45	49	94 674	54 131,931	1 289 017,645	23,813	23,352	95	99	129	39,557	73,714	1,864	1,403
46	50	94 248	53 223,179	1 234 885,714	23,202	22,742	96	100	63	19,197	34,158	1,779	1,319
47	51	93 769	52 298,832	1 181 662,535	22,594	22,134							
48	52	93 246	51 365,130	1 129 363,703	21,987	21,527							
49	53	92 659	50 411,769	1 077 998,573	21,384	20,923							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	4 675 301,700	46,936	46,476	50	55	91 725	49 287,186	1 009 339,642	20,479	20,018
1	6	99 196	97 971,187	4 575 692,295	46,704	46,244	51	56	91 004	48 296,376	960 052,456	19,878	19,418
2	7	99 153	96 719,470	4 477 721,108	46,296	45,836	52	57	90 224	47 291,062	911 756,081	19,280	18,819
3	8	99 125	95 499,036	4 381 001,638	45,875	45,414	53	58	89 379	46 269,849	864 465,019	18,683	18,223
4	9	99 104	94 299,937	4 285 502,602	45,445	44,985	54	59	88 461	45 229,253	818 195,170	18,090	17,630
5	10	99 084	93 116,408	4 191 202,665	45,010	44,550	55	60	87 474	44 172,525	772 965,917	17,499	17,038
6	11	99 064	91 948,774	4 098 086,257	44,569	44,109	56	61	86 396	43 089,320	728 793,393	16,914	16,453
7	12	99 046	90 796,818	4 006 137,483	44,122	43,662	57	62	85 264	42 000,181	685 704,073	16,326	15,866
8	13	99 029	89 660,324	3 915 340,665	43,669	43,208	58	63	84 055	40 893,067	643 703,892	15,741	15,281
9	14	99 009	88 536,182	3 825 680,341	43,210	42,750	59	64	82 756	39 764,128	602 810,824	15,160	14,699
10	15	98 989	87 424,812	3 737 144,159	42,747	42,287	60	65	81 372	38 616,408	563 046,696	14,581	14,120
11	16	98 966	86 326,069	3 649 719,347	42,278	41,818	61	66	79 886	37 443,100	524 430,288	14,006	13,546
12	17	98 941	85 238,320	3 563 393,278	41,805	41,345	62	67	78 338	36 264,539	486 987,189	13,429	12,968
13	18	98 913	84 162,415	3 478 154,958	41,327	40,866	63	68	76 677	35 057,413	450 722,650	12,857	12,396
14	19	98 883	83 097,940	3 393 992,543	40,843	40,383	64	69	74 929	33 835,160	415 665,236	12,285	11,825
15	20	98 845	82 040,857	3 310 894,603	40,357	39,896	65	70	73 042	32 575,900	381 830,076	11,721	11,261
16	21	98 805	80 994,730	3 228 853,745	39,865	39,405	66	71	71 045	31 293,832	349 254,176	11,160	10,700
17	22	98 754	79 953,789	3 147 859,015	39,371	38,911	67	72	68 928	29 986,727	317 960,345	10,603	10,143
18	23	98 698	78 921,603	3 067 905,226	38,873	38,412	68	73	66 638	28 632,542	287 973,618	10,058	9,597
19	24	98 620	77 886,224	2 988 983,623	38,376	37,916	69	74	64 196	27 242,709	259 341,076	9,520	9,059
20	25	98 544	76 865,239	2 911 097,398	37,873	37,412	70	75	61 594	25 816,039	232 098,366	8,990	8,530
21	26	98 463	75 854,026	2 834 232,160	37,364	36,904	71	76	58 802	24 341,159	206 282,328	8,475	8,014
22	27	98 381	74 855,305	2 758 378,134	36,849	36,389	72	77	55 830	22 825,959	181 941,168	7,971	7,510
23	28	98 301	73 870,495	2 683 522,829	36,327	35,867	73	78	52 637	21 254,560	159 115,209	7,486	7,026
24	29	98 221	72 899,392	2 609 652,334	35,798	35,338	74	79	49 255	19 643,410	137 860,649	7,018	6,558
25	30	98 137	71 937,961	2 536 752,943	35,263	34,803	75	80	45 694	17 998,402	118 217,239	6,568	6,108
26	31	98 052	70 988,242	2 464 814,982	34,721	34,261	76	81	41 976	16 329,754	100 218,837	6,137	5,677
27	32	97 960	70 046,181	2 393 826,740	34,175	33,715	77	82	38 136	14 652,875	83 889,083	5,725	5,265
28	33	97 864	69 113,681	2 323 780,559	33,623	33,162	78	83	34 180	12 970,660	69 236,208	5,338	4,878
29	34	97 768	68 193,444	2 254 666,878	33,063	32,602	79	84	30 182	11 311,949	56 265,549	4,974	4,514
30	35	97 666	67 280,904	2 186 473,434	32,498	32,037	80	85	26 256	9 718,926	44 953,600	4,625	4,165
31	36	97 559	66 377,834	2 119 192,530	31,926	31,466	81	86	22 385	8 183,982	35 234,674	4,305	3,845
32	37	97 442	65 479,212	2 052 814,697	31,351	30,890	82	87	18 708	6 755,097	27 050,691	4,004	3,544
33	38	97 318	64 588,510	1 987 335,485	30,769	30,309	83	88	15 199	5 420,346	20 295,594	3,744	3,284
34	39	97 190	63 707,211	1 922 746,975	30,181	29,721	84	89	12 092	4 259,031	14 875,248	3,493	3,032
35	40	97 043	62 825,650	1 859 039,764	29,590	29,130	85	90	9 359	3 255,655	10 616,217	3,261	2,800
36	41	96 890	61 952,129	1 796 214,114	28,994	28,533	86	91	7 073	2 429,994	7 360,562	3,029	2,569
37	42	96 721	61 080,674	1 734 261,985	28,393	27,933	87	92	5 113	1 735,141	4 930,568	2,842	2,381
38	43	96 534	60 209,999	1 673 181,311	27,789	27,329	88	93	3 559	1 192,662	3 195,427	2,679	2,219
39	44	96 328	59 339,939	1 612 971,312	27,182	26,721	89	94	2 397	793,319	2 002,765	2,525	2,064
40	45	96 106	58 472,354	1 553 631,373	26,570	26,110	90	95	1 551	507,185	1 209,446	2,385	1,924
41	46	95 845	57 593,732	1 495 159,019	25,960	25,500	91	96	973	314,200	702,261	2,235	1,775
42	47	95 555	56 710,115	1 437 565,287	25,349	24,889	92	97	577	184,042	388,061	2,109	1,648
43	48	95 235	55 822,625	1 380 855,171	24,736	24,276	93	98	323	101,880	204,019	2,003	1,542
44	49	94 876	54 925,466	1 325 032,546	24,124	23,664	94	99	172	53,610	102,138	1,905	1,445
45	50	94 476	54 018,683	1 270 107,081	23,512	23,052	95	100	87	26,705	48,528	1,817	1,357
46	51	94 028	53 098,825	1 216 088,398	22,902	22,442							
47	52	93 535	52 168,567	1 162 989,573	22,293	21,833							
48	53	92 988	51 222,806	1 110 821,006	21,686	21,226							
49	54	92 378	50 258,558	1 059 598,200	21,083	20,623							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	4 653 891,324	46,726	46,265	50	56	91 395	49 109,874	990 055,112	20,160	19,700
1	7	99 188	97 963,332	4 554 290,929	46,490	46,029	51	57	90 659	48 113,193	940 945,239	19,557	19,097
2	8	99 144	96 711,390	4 456 327,598	46,079	45,618	52	58	89 851	47 095,926	892 832,046	18,958	18,497
3	9	99 119	95 493,105	4 359 616,208	45,654	45,193	53	59	88 971	46 058,875	845 736,120	18,362	17,902
4	10	99 098	94 293,950	4 264 123,104	45,222	44,761	54	60	88 038	45 013,131	799 677,245	17,765	17,305
5	11	99 076	93 108,907	4 169 829,153	44,784	44,324	55	61	86 996	43 930,995	754 664,114	17,178	16,718
6	12	99 056	91 941,471	4 076 720,247	44,340	43,880	56	62	85 904	42 844,337	710 733,119	16,589	16,128
7	13	99 038	90 789,858	3 984 778,775	43,890	43,430	57	63	84 729	41 736,639	667 888,782	16,002	15,542
8	14	99 019	89 651,504	3 893 988,917	43,435	42,974	58	64	83 494	40 620,366	626 152,143	15,415	14,954
9	15	98 997	88 525,222	3 804 337,414	42,975	42,514	59	65	82 160	39 477,993	585 531,777	14,832	14,371
10	16	98 975	87 412,961	3 715 812,192	42,509	42,048	60	66	80 742	38 317,423	546 053,784	14,251	13,790
11	17	98 950	86 312,191	3 628 399,231	42,038	41,578	61	67	79 229	37 135,327	507 736,361	13,673	13,212
12	18	98 923	85 223,357	3 542 087,040	41,562	41,102	62	68	77 632	35 937,446	470 601,034	13,095	12,635
13	19	98 891	84 144,031	3 456 863,683	41,083	40,622	63	69	75 926	34 714,021	434 663,588	12,521	12,061
14	20	98 862	83 080,069	3 372 719,651	40,596	40,136	64	70	74 107	33 464,068	399 949,567	11,952	11,491
15	21	98 824	82 023,548	3 289 639,582	40,106	39,646	65	71	72 169	32 186,676	366 485,500	11,386	10,926
16	22	98 783	80 977,224	3 207 616,034	39,611	39,151	66	72	70 097	30 876,278	334 298,824	10,827	10,367
17	23	98 731	79 935,416	3 126 638,811	39,115	38,654	67	73	67 861	29 522,678	303 422,546	10,278	9,817
18	24	98 675	78 903,652	3 046 703,394	38,613	38,153	68	74	65 483	28 136,185	273 899,867	9,735	9,274
19	25	98 598	77 868,517	2 967 799,743	38,113	37,653	69	75	62 955	26 716,269	245 763,682	9,199	8,739
20	26	98 522	76 848,110	2 889 931,226	37,606	37,145	70	76	60 222	25 240,827	219 047,413	8,678	8,218
21	27	98 437	75 833,761	2 813 083,116	37,095	36,635	71	77	57 311	23 724,167	193 806,585	8,169	7,709
22	28	98 356	74 835,983	2 737 249,355	36,577	36,116	72	78	54 214	22 165,050	170 082,418	7,673	7,213
23	29	98 275	73 851,308	2 662 413,373	36,051	35,591	73	79	50 886	20 547,674	147 917,368	7,199	6,738
24	30	98 194	72 879,172	2 588 562,065	35,519	35,058	74	80	47 405	18 905,788	127 369,695	6,737	6,277
25	31	98 110	71 918,218	2 515 682,893	34,980	34,519	75	81	43 712	17 217,754	108 463,907	6,300	5,839
26	32	98 020	70 965,098	2 443 764,675	34,436	33,976	76	82	39 898	15 521,500	91 246,153	5,879	5,418
27	33	97 926	70 021,921	2 372 799,577	33,887	33,426	77	83	35 968	13 819,598	75 724,654	5,480	5,019
28	34	97 829	69 088,676	2 302 777,656	33,331	32,870	78	84	31 960	12 128,097	61 905,055	5,104	4,644
29	35	97 729	68 165,770	2 233 688,980	32,768	32,308	79	85	27 949	10 475,025	49 776,958	4,752	4,292
30	36	97 624	67 252,232	2 165 523,210	32,200	31,740	80	86	24 016	8 889,946	39 301,932	4,421	3,961
31	37	97 514	66 346,881	2 098 270,978	31,626	31,165	81	87	20 222	7 393,012	30 411,986	4,114	3,653
32	38	97 390	65 444,724	2 031 924,098	31,048	30,588	82	88	16 563	5 980,547	23 018,974	3,849	3,389
33	39	97 260	64 550,430	1 966 479,373	30,464	30,004	83	89	13 292	4 740,298	17 038,427	3,594	3,134
34	40	97 121	63 662,408	1 901 928,943	29,875	29,415	84	90	10 402	3 663,752	12 298,129	3,357	2,896
35	41	96 974	62 780,868	1 838 266,535	29,281	28,820	85	91	7 972	2 773,178	8 634,377	3,114	2,653
36	42	96 809	61 900,648	1 775 485,667	28,683	28,222	86	92	5 848	2 009,255	5 861,199	2,917	2,457
37	43	96 629	61 022,894	1 713 585,019	28,081	27,621	87	93	4 147	1 407,229	3 851,944	2,737	2,277
38	44	96 432	60 146,445	1 652 562,124	27,476	27,015	88	94	2 822	945,920	2 444,716	2,584	2,124
39	45	96 219	59 272,836	1 592 415,679	26,866	26,405	89	95	1 856	614,512	1 498,795	2,439	1,979
40	46	95 976	58 393,266	1 533 142,843	26,255	25,795	90	96	1 172	383,204	884,284	2,308	1,847
41	47	95 697	57 504,409	1 474 749,577	25,646	25,185	91	97	716	231,254	501,079	2,167	1,706
42	48	95 389	56 611,700	1 417 245,168	25,034	24,574	92	98	413	131,782	269,825	2,048	1,587
43	49	95 059	55 719,187	1 360 633,468	24,419	23,959	93	99	225	70,880	138,043	1,948	1,487
44	50	94 677	54 810,558	1 304 914,280	23,808	23,347	94	100	116	36,192	67,163	1,856	1,395
45	51	94 255	53 892,470	1 250 103,722	23,196	22,736							
46	52	93 794	52 966,567	1 196 211,252	22,584	22,124							
47	53	93 276	52 024,016	1 143 244,685	21,975	21,515							
48	54	92 705	51 067,130	1 091 220,669	21,368	20,908							
49	55	92 083	50 098,427	1 040 153,539	20,762	20,302							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	4 631 252,916	46,502	46,042	50	57	91 048	48 923,605	969 743,659	19,822	19,361
1	8	99 180	97 955,147	4 531 660,507	46,263	45,802	51	58	90 285	47 914,664	920 820,054	19,218	18,758
2	9	99 138	96 705,383	4 433 705,360	45,848	45,387	52	59	89 442	46 881,185	872 905,390	18,620	18,159
3	10	99 113	95 487,042	4 336 999,977	45,420	44,959	53	60	88 546	45 838,789	826 024,205	18,020	17,560
4	11	99 090	94 286,354	4 241 512,935	44,985	44,525	54	61	87 557	44 767,005	780 185,415	17,428	16,967
5	12	99 068	93 101,512	4 147 226,581	44,545	44,085	55	62	86 501	43 681,227	735 418,410	16,836	16,376
6	13	99 049	91 934,424	4 054 125,069	44,098	43,638	56	63	85 365	42 575,498	691 737,184	16,247	15,787
7	14	99 028	90 780,927	3 962 190,645	43,646	43,185	57	64	84 164	41 458,313	649 161,686	15,658	15,198
8	15	99 007	89 640,405	3 871 409,718	43,188	42,728	58	65	82 893	40 328,070	607 703,373	15,069	14,609
9	16	98 984	88 513,221	3 781 769,313	42,725	42,265	59	66	81 524	39 172,337	567 375,303	14,484	14,024
10	17	98 959	87 398,908	3 693 256,091	42,257	41,797	60	67	80 078	38 002,463	528 202,966	13,899	13,439
11	18	98 933	86 297,040	3 605 857,183	41,784	41,324	61	68	78 514	36 800,380	490 200,503	13,321	12,860
12	19	98 902	85 204,741	3 519 560,143	41,307	40,847	62	69	76 871	35 585,434	453 400,124	12,741	12,281
13	20	98 870	84 125,936	3 434 355,402	40,824	40,364	63	70	75 094	34 333,289	417 814,690	12,169	11,709
14	21	98 841	83 062,540	3 350 229,467	40,334	39,873	64	71	73 222	33 064,232	383 481,401	11,598	11,138
15	22	98 803	82 005,819	3 267 166,926	39,841	39,380	65	72	71 206	31 757,209	350 417,169	11,034	10,574
16	23	98 761	80 958,615	3 185 161,108	39,343	38,883	66	73	69 012	30 398,463	318 659,959	10,483	10,022
17	24	98 709	79 917,235	3 104 202,492	38,843	38,382	67	74	66 685	29 010,890	288 261,496	9,936	9,476
18	25	98 653	78 885,713	3 024 285,258	38,338	37,877	68	75	64 217	27 592,480	259 250,606	9,396	8,935
19	26	98 576	77 851,164	2 945 399,545	37,834	37,373	69	76	61 553	26 121,000	231 658,126	8,869	8,408
20	27	98 496	76 827,579	2 867 548,381	37,324	36,864	70	77	58 696	24 601,031	205 537,126	8,355	7,894
21	28	98 412	75 814,186	2 790 720,801	36,810	36,350	71	78	55 652	23 037,251	180 936,095	7,854	7,394
22	29	98 331	74 816,545	2 714 906,616	36,288	35,827	72	79	52 411	21 427,882	157 898,844	7,369	6,908
23	30	98 248	73 830,825	2 640 090,071	35,759	35,298	73	80	48 975	19 776,095	136 470,962	6,901	6,440
24	31	98 167	72 859,171	2 566 259,246	35,222	34,762	74	81	45 349	18 085,784	116 694,867	6,452	5,992
25	32	98 078	71 894,771	2 493 400,075	34,681	34,221	75	82	41 549	16 365,548	98 609,083	6,025	5,565
26	33	97 986	70 940,520	2 421 505,304	34,134	33,674	76	83	37 630	14 638,826	82 243,535	5,618	5,158
27	34	97 891	69 996,587	2 350 564,784	33,581	33,121	77	84	33 631	12 921,890	67 604,710	5,232	4,771
28	35	97 789	69 060,638	2 280 568,197	33,023	32,562	78	85	29 595	11 230,790	54 682,820	4,869	4,409
29	36	97 687	68 136,721	2 211 507,559	32,457	31,997	79	86	25 565	9 581,554	43 452,030	4,535	4,075
30	37	97 579	67 220,871	2 143 370,838	31,885	31,425	80	87	21 695	8 030,745	33 870,476	4,218	3,757
31	38	97 463	66 311,936	2 076 149,967	31,309	30,848	81	88	17 903	6 545,318	25 839,730	3,948	3,487
32	39	97 333	65 406,140	2 009 838,031	30,729	30,268	82	89	14 485	5 230,216	19 294,413	3,689	3,229
33	40	97 192	64 505,035	1 944 431,891	30,144	29,683	83	90	11 434	4 077,753	14 064,197	3,449	2,989
34	41	97 052	63 617,030	1 879 926,856	29,551	29,090	84	91	8 860	3 120,796	9 986,444	3,200	2,740
35	42	96 893	62 728,699	1 816 309,827	28,955	28,495	85	92	6 592	2 293,018	6 865,648	2,994	2,534
36	43	96 718	61 842,093	1 753 581,128	28,356	27,895	86	93	4 743	1 629,539	4 572,630	2,806	2,346
37	44	96 527	60 958,482	1 691 739,035	27,752	27,292	87	94	3 289	1 116,097	2 943,091	2,637	2,177
38	45	96 323	60 078,430	1 630 780,553	27,144	26,684	88	95	2 186	732,718	1 826,994	2,493	2,033
39	46	96 089	59 192,666	1 570 702,123	26,535	26,075	89	96	1 403	464,295	1 094,276	2,357	1,896
40	47	95 827	58 302,703	1 511 509,457	25,925	25,465	90	97	863	282,042	629,981	2,234	1,773
41	48	95 531	57 404,615	1 453 206,754	25,315	24,855	91	98	513	165,588	347,938	2,101	1,641
42	49	95 212	56 506,800	1 395 802,138	24,701	24,241	92	99	287	91,684	182,350	1,989	1,529
43	50	94 860	55 602,619	1 339 295,338	24,087	23,627	93	100	152	47,851	90,666	1,895	1,434
44	51	94 456	54 682,495	1 283 692,719	23,475	23,015							
45	52	94 020	53 758,235	1 229 010,224	22,862	22,401							
46	53	93 534	52 819,806	1 175 251,989	22,250	21,790							
47	54	92 993	51 865,905	1 122 432,183	21,641	21,181							
48	55	92 410	50 904,423	1 070 566,277	21,031	20,571							
49	56	91 752	49 918,196	1 019 661,855	20,427	19,966							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	4 607 378,706	46,266	45,806	50	58	90 672	48 721,733	948 410,500	19,466	19,005
1	9	99 173	97 949,063	4 507 794,617	46,022	45,561	51	59	89 873	47 696,190	899 688,767	18,863	18,403
2	10	99 132	96 699,243	4 409 845,554	45,604	45,143	52	60	89 014	46 657,170	851 992,577	18,261	17,800
3	11	99 105	95 479,350	4 313 146,311	45,174	44,713	53	61	88 062	45 588,148	805 335,407	17,665	17,205
4	12	99 082	94 278,866	4 217 666,961	44,736	44,276	54	62	87 059	44 512,484	759 747,258	17,068	16,608
5	13	99 060	93 094,375	4 123 388,095	44,293	43,832	55	63	85 958	43 407,136	715 234,775	16,477	16,017
6	14	99 039	91 925,380	4 030 293,720	43,843	43,383	56	64	84 796	42 291,578	671 827,638	15,886	15,425
7	15	99 016	90 769,689	3 938 368,340	43,389	42,928	57	65	83 559	41 159,987	629 536,061	15,295	14,834
8	16	98 993	89 628,253	3 847 598,651	42,928	42,468	58	66	82 251	40 015,832	588 376,074	14,704	14,243
9	17	98 968	88 498,992	3 757 970,398	42,463	42,003	59	67	80 854	38 850,350	548 360,242	14,115	13,654
10	18	98 942	87 383,566	3 669 471,406	41,993	41,532	60	68	79 356	37 659,694	509 509,892	13,529	13,069
11	19	98 911	86 278,189	3 582 087,840	41,518	41,057	61	69	77 745	36 439,915	471 850,197	12,949	12,488
12	20	98 881	85 186,418	3 495 809,650	41,037	40,577	62	70	76 028	35 195,145	435 410,283	12,371	11,911
13	21	98 849	84 108,186	3 410 623,233	40,550	40,090	63	71	74 196	33 923,068	400 215,138	11,798	11,337
14	22	98 819	83 044,587	3 326 515,047	40,057	39,597	64	72	72 245	32 623,056	366 292,070	11,228	10,768
15	23	98 780	81 986,974	3 243 470,460	39,561	39,100	65	73	70 105	31 265,762	333 669,014	10,672	10,212
16	24	98 738	80 940,201	3 161 483,486	39,059	38,599	66	74	67 816	29 871,493	302 403,252	10,123	9,663
17	25	98 686	79 899,065	3 080 543,285	38,555	38,095	67	75	65 396	28 450,282	272 531,758	9,579	9,119
18	26	98 631	78 868,134	3 000 644,220	38,046	37,586	68	76	62 787	26 977,687	244 081,476	9,048	8,587
19	27	98 550	77 830,366	2 921 776,086	37,540	37,080	69	77	59 992	25 458,893	217 103,790	8,528	8,067
20	28	98 470	76 807,748	2 843 945,721	37,027	36,566	70	78	56 996	23 888,726	191 644,896	8,022	7,562
21	29	98 386	75 794,494	2 767 137,973	36,508	36,048	71	79	53 801	22 271,076	167 756,171	7,532	7,072
22	30	98 303	74 795,794	2 691 343,479	35,983	35,522	72	80	50 443	20 623,251	145 485,095	7,054	6,594
23	31	98 221	73 810,562	2 616 547,685	35,450	34,989	73	81	46 851	18 918,343	124 861,843	6,600	6,140
24	32	98 135	72 835,417	2 542 737,122	34,911	34,450	74	82	43 105	17 190,614	105 943,500	6,163	5,702
25	33	98 044	71 869,871	2 469 901,705	34,366	33,906	75	83	39 186	15 434,875	88 752,887	5,750	5,290
26	34	97 951	70 914,854	2 398 031,835	33,816	33,355	76	84	35 185	13 687,901	73 318,012	5,356	4,896
27	35	97 851	69 968,181	2 327 116,981	33,260	32,799	77	85	31 143	11 965,853	59 630,111	4,983	4,523
28	36	97 748	69 031,208	2 257 148,800	32,698	32,237	78	86	27 071	10 272,855	47 664,258	4,640	4,179
29	37	97 642	68 104,947	2 188 117,592	32,129	31,668	79	87	23 094	8 655,510	37 391,402	4,320	3,860
30	38	97 527	67 185,466	2 120 012,644	31,555	31,094	80	88	19 207	7 109,928	28 735,892	4,042	3,581
31	39	97 405	66 272,840	2 052 827,178	30,975	30,515	81	89	15 657	5 724,129	21 625,965	3,778	3,318
32	40	97 264	65 360,142	1 986 554,338	30,394	29,934	82	90	12 460	4 499,195	15 901,836	3,534	3,074
33	41	97 123	64 459,056	1 921 194,196	29,805	29,344	83	91	9 740	3 473,444	11 402,640	3,283	2,822
34	42	96 971	63 564,165	1 856 735,140	29,210	28,750	84	92	7 326	2 580,449	7 929,197	3,073	2,612
35	43	96 801	62 669,361	1 793 170,975	28,613	28,153	85	93	5 346	1 859,676	5 348,748	2,876	2,416
36	44	96 615	61 776,816	1 730 501,614	28,012	27,552	86	94	3 762	1 292,415	3 489,072	2,700	2,239
37	45	96 418	60 889,549	1 668 724,798	27,406	26,945	87	95	2 548	864,538	2 196,657	2,541	2,080
38	46	96 193	59 997,170	1 607 835,249	26,799	26,338	88	96	1 652	553,606	1 332,119	2,406	1,946
39	47	95 940	59 100,863	1 547 838,079	26,190	25,729	89	97	1 032	341,726	778,513	2,278	1,818
40	48	95 661	58 201,524	1 488 737,216	25,579	25,119	90	98	618	201,955	436,787	2,163	1,702
41	49	95 354	57 298,247	1 430 535,692	24,966	24,506	91	99	357	115,203	234,832	2,038	1,578
42	50	95 013	56 388,584	1 373 237,446	24,353	23,893	92	100	194	61,895	119,629	1,933	1,472
43	51	94 638	55 472,706	1 316 848,861	23,739	23,278							
44	52	94 221	54 546,293	1 261 376,156	23,125	22,664							
45	53	93 760	53 609,280	1 206 829,863	22,512	22,051							
46	54	93 249	52 659,277	1 153 220,583	21,900	21,439							
47	55	92 696	51 700,653	1 100 561,307	21,287	20,827							
48	56	92 077	50 721,292	1 048 860,654	20,679	20,219							
49	57	91 404	49 728,861	998 139,362	20,072	19,611							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	4 582 267,475	46,017	45,557	50	59	90 259	48 499,579	926 072,937	19,094	18,634
1	10	99 167	97 942,845	4 482 689,572	45,768	45,308	51	60	89 444	47 468,281	877 573,359	18,488	18,027
2	11	99 124	96 691,453	4 384 746,727	45,348	44,887	52	61	88 528	46 402,054	830 105,077	17,889	17,429
3	12	99 097	95 471,767	4 288 055,273	44,914	44,454	53	62	87 561	45 328,958	783 703,023	17,289	16,829
4	13	99 074	94 271,639	4 192 583,506	44,473	44,013	54	63	86 513	44 233,178	738 374,065	16,693	16,232
5	14	99 050	93 085,218	4 098 311,868	44,028	43,567	55	64	85 385	43 117,670	694 140,887	16,099	15,638
6	15	99 027	91 914,000	4 005 226,650	43,576	43,115	56	65	84 186	41 987,255	651 023,217	15,505	15,045
7	16	99 003	90 757,384	3 913 312,650	43,118	42,658	57	66	82 912	40 841,308	609 035,961	14,912	14,452
8	17	98 977	89 613,845	3 822 555,266	42,656	42,195	58	67	81 575	39 686,912	568 194,653	14,317	13,857
9	18	98 950	88 483,457	3 732 941,421	42,188	41,728	59	68	80 125	38 499,934	528 507,742	13,727	13,267
10	19	98 920	87 364,478	3 644 457,965	41,716	41,255	60	69	78 579	37 290,812	490 007,807	13,140	12,680
11	20	98 890	86 259,635	3 557 093,486	41,237	40,777	61	70	76 893	36 040,254	452 716,995	12,561	12,101
12	21	98 860	85 168,444	3 470 833,851	40,753	40,292	62	71	75 120	34 774,626	416 676,741	11,982	11,522
13	22	98 828	84 090,006	3 385 665,407	40,262	39,802	63	72	73 206	33 470,432	381 902,115	11,410	10,950
14	23	98 797	83 025,504	3 301 575,401	39,766	39,305	64	73	71 127	32 118,210	348 431,683	10,848	10,388
15	24	98 758	81 968,326	3 218 549,897	39,266	38,805	65	74	68 889	30 723,757	316 313,473	10,295	9,835
16	25	98 716	80 921,799	3 136 581,572	38,761	38,300	66	75	66 505	29 294,255	285 589,716	9,749	9,289
17	26	98 664	79 881,260	3 055 659,773	38,253	37,792	67	76	63 939	27 816,377	256 295,461	9,214	8,753
18	27	98 604	78 847,063	2 975 778,513	37,741	37,281	68	77	61 195	26 293,865	228 479,085	8,689	8,229
19	28	98 524	77 810,275	2 896 931,449	37,231	36,770	69	78	58 255	24 721,749	202 185,219	8,178	7,718
20	29	98 445	76 787,798	2 819 121,174	36,713	36,253	70	79	55 101	23 094,232	177 463,470	7,684	7,224
21	30	98 359	75 773,472	2 742 333,376	36,191	35,731	71	80	51 781	21 434,783	154 369,238	7,202	6,741
22	31	98 276	74 775,267	2 666 559,904	35,661	35,201	72	81	48 255	19 728,755	132 934,456	6,738	6,278
23	32	98 189	73 786,498	2 591 784,637	35,125	34,665	73	82	44 532	17 981,965	113 205,700	6,296	5,835
24	33	98 101	72 810,191	2 517 998,139	34,583	34,123	74	83	40 653	16 213,021	95 223,735	5,873	5,413
25	34	98 009	71 843,869	2 445 187,948	34,035	33,574	75	84	36 640	14 432,239	79 010,715	5,475	5,014
26	35	97 911	70 886,075	2 373 344,079	33,481	33,021	76	85	32 582	12 675,191	64 578,475	5,095	4,634
27	36	97 810	69 938,364	2 302 458,004	32,921	32,461	77	86	28 487	10 945,221	51 903,285	4,742	4,282
28	37	97 702	68 999,017	2 232 519,640	32,356	31,895	78	87	24 455	9 279,998	40 958,064	4,414	3,953
29	38	97 590	68 069,077	2 163 520,623	31,784	31,324	79	88	20 446	7 663,056	31 678,065	4,134	3,673
30	39	97 470	67 145,855	2 095 451,546	31,207	30,747	80	89	16 798	6 217,902	24 015,009	3,862	3,402
31	40	97 337	66 226,233	2 028 305,691	30,627	30,167	81	90	13 469	4 924,075	17 797,108	3,614	3,154
32	41	97 195	65 313,554	1 962 079,457	30,041	29,581	82	91	10 614	3 832,430	12 873,033	3,359	2,899
33	42	97 042	64 405,492	1 896 765,903	29,450	28,990	83	92	8 053	2 872,037	9 040,603	3,148	2,687
34	43	96 880	63 504,037	1 832 360,412	28,854	28,394	84	93	5 942	2 092,787	6 168,566	2,948	2,487
35	44	96 699	62 603,210	1 768 856,375	28,255	27,795	85	94	4 240	1 474,941	4 075,779	2,763	2,303
36	45	96 506	61 706,957	1 706 253,164	27,651	27,191	86	95	2 914	1 001,115	2 600,839	2,598	2,138
37	46	96 288	60 807,192	1 644 546,207	27,045	26,585	87	96	1 925	653,203	1 599,723	2,449	1,989
38	47	96 043	59 904,119	1 583 739,015	26,438	25,978	88	97	1 216	407,459	946,520	2,323	1,863
39	48	95 774	58 998,299	1 523 834,896	25,828	25,368	89	98	739	244,691	539,061	2,203	1,743
40	49	95 484	58 093,678	1 464 836,597	25,215	24,755	90	99	430	140,504	294,370	2,095	1,635
41	50	95 154	57 178,374	1 406 742,919	24,603	24,142	91	100	241	77,773	153,866	1,978	1,518
42	51	94 791	56 256,834	1 349 564,544	23,989	23,529							
43	52	94 402	55 334,535	1 293 307,710	23,373	22,912							
44	53	93 960	54 395,154	1 237 973,175	22,759	22,298							
45	54	93 475	53 446,352	1 183 578,021	22,145	21,685							
46	55	92 952	52 491,496	1 130 131,670	21,530	21,069							
47	56	92 363	51 514,658	1 077 640,174	20,919	20,459							
48	57	91 728	50 528,912	1 026 125,516	20,308	19,847							
49	58	91 027	49 523,666	975 596,604	19,700	19,239							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	4 555 920,110	45,755	45,295	50	60	89 828	48 267,831	902 757,905	18,703	18,243
1	11	99 159	97 934,955	4 456 348,529	45,503	45,043	51	61	88 955	47 208,730	854 490,074	18,100	17,640
2	12	99 116	96 683,774	4 358 413,574	45,079	44,619	52	62	88 024	46 138,237	807 281,344	17,497	17,037
3	13	99 089	95 464,449	4 261 729,800	44,642	44,182	53	63	87 012	45 044,529	761 143,106	16,898	16,437
4	14	99 065	94 262,365	4 166 265,351	44,199	43,738	54	64	85 936	43 938,203	716 098,577	16,298	15,837
5	15	99 038	93 073,694	4 072 002,986	43,750	43,290	55	65	84 771	42 807,403	672 160,375	15,702	15,242
6	16	99 013	91 901,540	3 978 929,292	43,296	42,835	56	66	83 534	41 662,172	629 352,971	15,106	14,646
7	17	98 987	90 742,794	3 887 027,752	42,836	42,375	57	67	82 230	40 505,602	587 690,799	14,509	14,048
8	18	98 960	89 598,114	3 796 284,958	42,370	41,910	58	68	80 840	39 328,950	547 185,197	13,913	13,453
9	19	98 929	88 464,129	3 706 686,844	41,900	41,440	59	69	79 340	38 122,822	507 856,247	13,322	12,861
10	20	98 899	87 345,690	3 618 222,716	41,424	40,964	60	70	77 717	36 881,819	469 733,425	12,736	12,276
11	21	98 869	86 241,435	3 530 877,025	40,942	40,481	61	71	75 974	35 609,638	432 851,605	12,155	11,695
12	22	98 838	85 150,035	3 444 635,590	40,454	39,993	62	72	74 117	34 310,628	397 241,968	11,578	11,117
13	23	98 805	84 070,683	3 359 485,555	39,960	39,500	63	73	72 073	32 952,473	362 931,339	11,014	10,553
14	24	98 774	83 006,619	3 275 414,872	39,460	38,999	64	74	69 894	31 561,427	329 978,867	10,455	9,995
15	25	98 735	81 949,690	3 192 408,253	38,956	38,495	65	75	67 558	30 130,049	298 417,440	9,904	9,444
16	26	98 694	80 903,766	3 110 458,563	38,446	37,986	66	76	65 023	28 641,544	268 287,390	9,367	8,907
17	27	98 638	79 859,919	3 029 554,797	37,936	37,475	67	77	62 319	27 111,296	239 645,846	8,839	8,379
18	28	98 579	78 826,710	2 949 694,878	37,420	36,960	68	78	59 423	25 532,545	212 534,550	8,324	7,864
19	29	98 499	77 790,065	2 870 868,168	36,905	36,445	69	79	56 318	23 899,551	187 002,005	7,824	7,364
20	30	98 418	76 766,500	2 793 078,102	36,384	35,924	70	80	53 031	22 227,029	163 102,454	7,338	6,878
21	31	98 332	75 752,676	2 716 311,602	35,858	35,397	71	81	49 535	20 505,088	140 875,425	6,870	6,410
22	32	98 244	74 750,888	2 640 558,926	35,325	34,864	72	82	45 867	18 752,265	120 370,337	6,419	5,959
23	33	98 155	73 760,943	2 565 808,037	34,785	34,325	73	83	42 000	16 959,370	101 618,072	5,992	5,531
24	34	98 065	72 783,849	2 492 047,095	34,239	33,779	74	84	38 013	15 159,838	84 658,703	5,584	5,124
25	35	97 969	71 814,713	2 419 263,246	33,688	33,227	75	85	33 930	13 364,459	69 498,865	5,200	4,740
26	36	97 869	70 855,867	2 347 448,533	33,130	32,670	76	86	29 803	11 594,055	56 134,406	4,842	4,381
27	37	97 764	69 905,751	2 276 592,666	32,567	32,106	77	87	25 733	9 887,381	44 540,351	4,505	4,044
28	38	97 651	68 962,676	2 206 686,916	31,998	31,538	78	88	21 651	8 215,940	34 652,971	4,218	3,757
29	39	97 533	68 028,945	2 137 724,240	31,424	30,963	79	89	17 881	6 701,633	26 437,031	3,945	3,484
30	40	97 401	67 098,634	2 069 695,295	30,846	30,385	80	90	14 450	5 348,833	19 735,398	3,690	3,229
31	41	97 267	66 179,027	2 002 596,660	30,260	29,800	81	91	11 473	4 194,344	14 386,564	3,430	2,970
32	42	97 114	65 259,280	1 936 417,633	29,673	29,212	82	92	8 776	3 168,867	10 192,221	3,216	2,756
33	43	96 950	64 344,568	1 871 158,353	29,080	28,620	83	93	6 531	2 329,270	7 023,354	3,015	2,555
34	44	96 777	63 437,005	1 806 813,785	28,482	28,022	84	94	4 712	1 659,825	4 694,084	2,828	2,368
35	45	96 590	62 532,417	1 743 376,780	27,880	27,419	85	95	3 284	1 142,501	3 034,259	2,656	2,195
36	46	96 376	61 623,495	1 680 844,363	27,276	26,816	86	96	2 202	756,394	1 891,758	2,501	2,041
37	47	96 138	60 712,885	1 619 220,868	26,670	26,210	87	97	1 417	480,764	1 135,363	2,362	1,901
38	48	95 877	59 800,161	1 558 507,983	26,062	25,602	88	98	871	291,759	654,600	2,244	1,783
39	49	95 596	58 888,977	1 498 707,822	25,450	24,989	89	99	514	170,236	362,840	2,131	1,671
40	50	95 284	57 972,142	1 439 818,845	24,836	24,376	90	100	290	94,854	192,604	2,031	1,570
41	51	94 932	57 044,779	1 381 846,703	24,224	23,764							
42	52	94 555	56 116,711	1 324 801,924	23,608	23,148							
43	53	94 141	55 181,212	1 268 685,213	22,991	22,531							
44	54	93 674	54 229,837	1 213 504,001	22,377	21,917							
45	55	93 177	53 276,063	1 159 274,164	21,760	21,299							
46	56	92 618	52 302,656	1 105 998,101	21,146	20,686							
47	57	92 013	51 319,268	1 053 695,445	20,532	20,072							
48	58	91 349	50 320,415	1 002 376,176	19,920	19,459							
49	59	90 612	49 297,856	952 055,761	19,312	18,852							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	4 528 344,011	45,482	45,022	50	61	89 336	48 003,908	878 486,057	18,300	17,840
1	12	99 151	97 927,177	4 428 780,451	45,225	44,765	51	62	88 449	46 940,327	830 482,149	17,692	17,232
2	13	99 108	96 676,363	4 330 853,274	44,797	44,337	52	63	87 472	45 848,730	783 541,822	17,090	16,629
3	14	99 080	95 455,058	4 234 176,911	44,358	43,897	53	64	86 432	44 744,144	737 693,092	16,487	16,027
4	15	99 052	94 250,696	4 138 721,854	43,912	43,451	54	65	85 317	43 622,032	692 948,949	15,885	15,425
5	16	99 025	93 061,077	4 044 471,157	43,460	43,000	55	66	84 114	42 475,970	649 326,917	15,287	14,827
6	17	98 997	91 886,766	3 951 410,081	43,003	42,543	56	67	82 847	41 319,719	606 850,947	14,687	14,226
7	18	98 969	90 726,865	3 859 523,315	42,540	42,080	57	68	81 489	40 140,257	565 531,228	14,089	13,628
8	19	98 938	89 578,542	3 768 796,450	42,073	41,612	58	69	80 048	38 943,718	525 390,972	13,491	13,031
9	20	98 907	88 445,104	3 679 217,908	41,599	41,138	59	70	78 470	37 704,704	486 447,254	12,902	12,441
10	21	98 878	87 327,261	3 590 772,804	41,119	40,658	60	71	76 788	36 441,148	448 742,550	12,314	11,854
11	22	98 848	86 222,794	3 503 445,542	40,632	40,172	61	72	74 960	35 134,498	412 301,402	11,735	11,275
12	23	98 816	85 130,468	3 417 222,748	40,141	39,681	62	73	72 971	33 779,666	377 166,904	11,166	10,705
13	24	98 783	84 051,560	3 332 092,280	39,643	39,183	63	74	70 824	32 381,228	343 387,238	10,605	10,144
14	25	98 752	82 987,747	3 248 040,719	39,139	38,678	64	75	68 543	30 951,532	311 006,010	10,048	9,588
15	26	98 713	81 931,428	3 165 052,972	38,631	38,170	65	76	66 053	29 458,717	280 054,478	9,507	9,046
16	27	98 667	80 882,152	3 083 121,544	38,119	37,658	66	77	63 375	27 915,548	250 595,761	8,977	8,517
17	28	98 613	79 839,305	3 002 239,392	37,604	37,143	67	78	60 514	26 326,308	222 680,213	8,458	7,998
18	29	98 553	78 806,236	2 922 400,087	37,083	36,623	68	79	57 447	24 683,381	196 353,905	7,955	7,495
19	30	98 471	77 768,489	2 843 593,851	36,565	36,104	69	80	54 203	23 002,107	171 670,524	7,463	7,003
20	31	98 391	76 745,432	2 765 825,361	36,039	35,579	70	81	50 731	21 262,972	148 668,417	6,992	6,532
21	32	98 300	75 727,979	2 689 079,929	35,510	35,049	71	82	47 083	19 490,172	127 405,445	6,537	6,077
22	33	98 210	74 724,999	2 613 351,950	34,973	34,513	72	83	43 258	17 685,865	107 915,273	6,102	5,641
23	34	98 119	73 734,257	2 538 626,951	34,429	33,969	73	84	39 272	15 857,705	90 229,408	5,690	5,230
24	35	98 026	72 754,312	2 464 892,695	33,880	33,419	74	85	35 200	14 038,225	74 371,704	5,298	4,837
25	36	97 927	71 784,109	2 392 138,383	33,324	32,864	75	86	31 036	12 224,531	60 333,479	4,935	4,475
26	37	97 824	70 822,825	2 320 354,274	32,763	32,302	76	87	26 922	10 473,506	48 108,947	4,593	4,133
27	38	97 712	69 868,931	2 249 531,449	32,196	31,736	77	88	22 783	8 753,678	37 635,441	4,299	3,839
28	39	97 593	68 922,017	2 179 662,517	31,625	31,165	78	89	18 934	7 185,151	28 881,763	4,020	3,559
29	40	97 464	67 981,103	2 110 740,500	31,049	30,589	79	90	15 382	5 764,954	21 696,612	3,764	3,303
30	41	97 332	67 050,807	2 042 759,397	30,466	30,005	80	91	12 308	4 556,155	15 931,657	3,497	3,036
31	42	97 186	66 124,034	1 975 708,590	29,879	29,418	81	92	9 486	3 468,117	11 375,503	3,280	2,820
32	43	97 022	65 197,548	1 909 584,556	29,289	28,829	82	93	7 117	2 570,004	7 907,385	3,077	2,616
33	44	96 848	64 276,649	1 844 387,008	28,695	28,234	83	94	5 180	1 847,384	5 337,382	2,889	2,429
34	45	96 668	63 365,269	1 780 110,359	28,093	27,632	84	95	3 650	1 285,714	3 489,998	2,714	2,254
35	46	96 459	62 447,838	1 716 745,090	27,491	27,030	85	96	2 481	863,219	2 204,284	2,554	2,093
36	47	96 226	61 527,922	1 654 297,252	26,887	26,427	86	97	1 620	556,714	1 341,065	2,409	1,949
37	48	95 972	60 607,523	1 592 769,330	26,280	25,820	87	98	1 014	344,248	784,351	2,278	1,818
38	49	95 699	59 689,353	1 532 161,807	25,669	25,209	88	99	606	202,983	440,103	2,168	1,708
39	50	95 396	58 765,777	1 472 472,454	25,057	24,596	89	100	347	114,926	237,120	2,063	1,603
40	51	95 062	57 836,693	1 413 706,677	24,443	23,983							
41	52	94 695	56 902,693	1 355 869,984	23,828	23,367							
42	53	94 293	55 961,220	1 298 967,291	23,212	22,752							
43	54	93 855	55 013,506	1 243 006,071	22,595	22,134							
44	55	93 376	54 057,052	1 187 992,565	21,977	21,516							
45	56	92 842	53 084,401	1 133 935,512	21,361	20,901							
46	57	92 267	52 104,278	1 080 851,111	20,744	20,284							
47	58	91 633	51 107,511	1 028 746,833	20,129	19,669							
48	59	90 933	50 090,972	977 639,322	19,517	19,057							
49	60	90 179	49 062,293	927 548,350	18,906	18,445							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	4 499 551,783	45,196	44,736	50	62	88 828	47 730,984	853 304,783	17,877	17,417
1	13	99 144	97 919,670	4 399 996,131	44,935	44,474	51	63	87 894	46 645,786	805 573,800	17,270	16,810
2	14	99 099	96 666,853	4 302 076,461	44,504	44,044	52	64	86 889	45 542,981	758 928,013	16,664	16,204
3	15	99 067	95 443,241	4 205 409,608	44,062	43,602	53	65	85 810	44 422,173	713 385,032	16,059	15,599
4	16	99 039	94 237,919	4 109 966,367	43,613	43,152	54	66	84 657	43 284,291	668 962,859	15,455	14,995
5	17	99 009	93 046,116	4 015 728,448	43,158	42,698	55	67	83 423	42 126,828	625 678,568	14,852	14,392
6	18	98 980	91 870,636	3 922 682,332	42,698	42,238	56	68	82 100	40 947,030	583 551,740	14,251	13,791
7	19	98 948	90 707,047	3 830 811,696	42,233	41,772	57	69	80 690	39 747,077	542 604,710	13,651	13,191
8	20	98 917	89 559,278	3 740 104,649	41,761	41,301	58	70	79 170	38 516,596	502 857,633	13,056	12,595
9	21	98 887	88 426,443	3 650 545,371	41,283	40,823	59	71	77 532	37 254,200	464 341,037	12,464	12,004
10	22	98 857	87 308,386	3 562 118,928	40,799	40,339	60	72	75 764	35 954,914	427 086,837	11,878	11,418
11	23	98 825	86 202,981	3 474 810,542	40,310	39,849	61	73	73 800	34 590,787	391 131,923	11,307	10,847
12	24	98 793	85 111,105	3 388 607,561	39,814	39,354	62	74	71 706	33 194,082	356 541,136	10,741	10,281
13	25	98 760	84 032,451	3 303 496,456	39,312	38,852	63	75	69 455	31 755,491	323 347,054	10,182	9,722
14	26	98 730	82 969,254	3 219 464,005	38,803	38,343	64	76	67 016	30 261,896	291 591,563	9,636	9,175
15	27	98 687	81 909,539	3 136 494,751	38,292	37,832	65	77	64 378	28 712,007	261 329,668	9,102	8,641
16	28	98 642	80 861,274	3 054 585,212	37,776	37,315	66	78	61 540	27 107,273	232 617,661	8,581	8,121
17	29	98 587	79 818,568	2 973 723,938	37,256	36,796	67	79	58 502	25 450,745	205 510,388	8,075	7,614
18	30	98 526	78 784,379	2 893 905,370	36,732	36,272	68	80	55 290	23 756,504	180 059,643	7,579	7,119
19	31	98 444	77 747,147	2 815 120,992	36,209	35,748	69	81	51 852	22 004,432	156 303,139	7,103	6,643
20	32	98 358	76 720,411	2 737 373,845	35,680	35,219	70	82	48 220	20 210,544	134 298,706	6,645	6,185
21	33	98 266	75 701,751	2 660 653,434	35,147	34,686	71	83	44 405	18 381,809	114 088,162	6,207	5,746
22	34	98 175	74 697,964	2 584 951,683	34,605	34,145	72	84	40 448	16 537,007	95 706,353	5,787	5,327
23	35	98 080	73 704,334	2 510 253,719	34,058	33,598	73	85	36 366	14 684,460	79 169,346	5,391	4,931
24	36	97 984	72 723,307	2 436 549,385	33,504	33,044	74	86	32 198	12 840,829	64 484,886	5,022	4,561
25	37	97 882	71 750,635	2 363 826,078	32,945	32,485	75	87	28 036	11 043,048	51 644,058	4,677	4,216
26	38	97 772	70 785,523	2 292 075,443	32,381	31,920	76	88	23 835	9 272,598	40 601,010	4,379	3,918
27	39	97 655	69 827,739	2 221 289,920	31,811	31,351	77	89	19 924	7 655,424	31 328,412	4,092	3,632
28	40	97 524	68 873,547	2 151 462,182	31,238	30,777	78	90	16 288	6 180,891	23 672,988	3,830	3,370
29	41	97 395	67 932,647	2 082 588,634	30,657	30,196	79	91	13 102	4 910,608	17 492,097	3,562	3,102
30	42	97 251	66 995,089	2 014 655,988	30,072	29,611	80	92	10 177	3 767,283	12 581,489	3,340	2,879
31	43	97 094	66 061,484	1 947 660,899	29,483	29,022	81	93	7 693	2 812,701	8 814,206	3,134	2,673
32	44	96 920	65 128,729	1 881 599,414	28,890	28,430	82	94	5 645	2 038,314	6 001,505	2,944	2,484
33	45	96 738	64 203,963	1 816 470,685	28,292	27,832	83	95	4 013	1 430,999	3 963,191	2,770	2,309
34	46	96 537	63 279,564	1 752 266,722	27,691	27,230	84	96	2 758	971,423	2 532,192	2,607	2,146
35	47	96 310	62 350,987	1 688 987,158	27,088	26,628	85	97	1 826	635,337	1 560,769	2,457	1,996
36	48	96 059	61 421,145	1 626 636,172	26,483	26,023	86	98	1 160	398,632	925,432	2,322	1,861
37	49	95 794	60 495,219	1 565 215,026	25,873	25,413	87	99	706	239,500	526,800	2,200	1,739
38	50	95 499	59 564,479	1 504 719,807	25,262	24,802	88	100	409	137,033	287,299	2,097	1,636
39	51	95 173	58 628,473	1 445 155,328	24,649	24,189							
40	52	94 825	57 692,634	1 386 526,855	24,033	23,573							
41	53	94 433	56 745,025	1 328 834,221	23,418	22,957							
42	54	94 006	55 791,144	1 272 089,196	22,801	22,341							
43	55	93 556	54 838,225	1 216 298,052	22,180	21,719							
44	56	93 040	53 862,580	1 161 459,828	21,563	21,103							
45	57	92 490	52 883,058	1 107 597,248	20,944	20,484							
46	58	91 886	51 889,281	1 054 714,190	20,326	19,866							
47	59	91 215	50 874,479	1 002 824,909	19,712	19,251							
48	60	90 498	49 851,620	951 950,430	19,096	18,635							
49	61	89 686	48 794,027	902 098,810	18,488	18,028							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	4 469 557,348	44,899	44,438	50	63	88 271	47 431,482	827 241,588	17,441	16,980
1	14	99 134	97 910,038	4 370 009,327	44,633	44,173	51	64	87 308	46 334,723	779 810,106	16,830	16,370
2	15	99 086	96 654,886	4 272 099,290	44,200	43,739	52	65	86 263	45 215,263	733 475,383	16,222	15,761
3	16	99 054	95 430,302	4 175 444,404	43,754	43,293	53	66	85 145	44 078,237	688 260,120	15,615	15,154
4	17	99 023	94 222,769	4 080 014,101	43,302	42,841	54	67	83 961	42 928,504	644 181,883	15,006	14,546
5	18	98 991	93 029,783	3 985 791,332	42,844	42,384	55	68	82 670	41 746,859	601 253,378	14,402	13,942
6	19	98 958	91 850,568	3 892 761,549	42,381	41,921	56	69	81 296	40 545,948	559 506,519	13,799	13,339
7	20	98 927	90 687,540	3 800 910,981	41,912	41,452	57	70	79 805	39 311,145	518 960,571	13,201	12,741
8	21	98 896	89 540,382	3 710 223,441	41,436	40,976	58	71	78 224	38 056,392	479 649,426	12,604	12,143
9	22	98 865	88 407,330	3 620 683,059	40,955	40,494	59	72	76 498	36 757,117	441 593,034	12,014	11,553
10	23	98 834	87 288,323	3 532 275,729	40,467	40,006	60	73	74 591	35 398,506	404 835,917	11,437	10,976
11	24	98 803	86 183,373	3 444 987,406	39,973	39,512	61	74	72 521	33 991,141	369 437,411	10,869	10,408
12	25	98 771	85 091,755	3 358 804,033	39,473	39,012	62	75	70 320	32 552,637	335 446,269	10,305	9,844
13	26	98 738	84 013,725	3 273 712,278	38,966	38,506	63	76	67 908	31 047,942	302 893,632	9,756	9,295
14	27	98 703	82 947,088	3 189 698,553	38,455	37,994	64	77	65 317	29 494,827	271 845,691	9,217	8,756
15	28	98 662	81 888,396	3 106 751,465	37,939	37,478	65	78	62 514	27 880,671	242 350,864	8,692	8,232
16	29	98 616	80 840,271	3 024 863,069	37,418	36,957	66	79	59 493	26 205,737	214 470,193	8,184	7,724
17	30	98 560	79 796,429	2 944 022,798	36,894	36,434	67	80	56 305	24 495,053	188 264,456	7,686	7,225
18	31	98 499	78 762,757	2 864 226,369	36,365	35,905	68	81	52 892	22 726,109	163 769,403	7,206	6,746
19	32	98 412	77 721,799	2 785 463,612	35,839	35,379	69	82	49 286	20 915,306	141 043,294	6,744	6,283
20	33	98 324	76 693,840	2 707 741,813	35,306	34,845	70	83	45 478	19 061,215	120 127,988	6,302	5,842
21	34	98 230	75 674,363	2 631 047,973	34,768	34,308	71	84	41 521	17 187,743	101 066,773	5,880	5,420
22	35	98 135	74 667,650	2 555 373,610	34,223	33,763	72	85	37 456	15 313,503	83 879,030	5,477	5,017
23	36	98 038	73 672,924	2 480 705,960	33,672	33,211	73	86	33 264	13 431,942	68 565,526	5,105	4,644
24	37	97 938	72 689,395	2 407 033,036	33,114	32,654	74	87	29 086	11 599,781	55 133,584	4,753	4,293
25	38	97 830	71 712,844	2 334 343,641	32,551	32,091	75	88	24 821	9 776,835	43 533,803	4,453	3,992
26	39	97 715	70 743,790	2 262 630,797	31,983	31,523	76	89	20 845	8 109,239	33 756,968	4,163	3,702
27	40	97 586	69 778,632	2 191 887,007	31,412	30,952	77	90	17 140	6 585,435	25 647,730	3,895	3,434
28	41	97 455	68 824,455	2 122 108,376	30,834	30,373	78	91	13 874	5 264,905	19 062,295	3,621	3,160
29	42	97 314	67 876,196	2 053 283,921	30,250	29,790	79	92	10 834	4 060,365	13 797,390	3,398	2,938
30	43	97 159	66 931,715	1 985 407,725	29,663	29,203	80	93	8 254	3 055,329	9 737,026	3,187	2,727
31	44	96 992	65 991,753	1 918 476,009	29,071	28,611	81	94	6 102	2 230,801	6 681,696	2,995	2,535
32	45	96 810	65 055,080	1 852 484,256	28,476	28,015	82	95	4 373	1 578,895	4 450,895	2,819	2,359
33	46	96 607	64 117,123	1 787 429,176	27,878	27,417	83	96	3 032	1 081,193	2 872,001	2,656	2,196
34	47	96 387	63 181,422	1 723 312,053	27,276	26,815	84	97	2 030	714,977	1 790,807	2,505	2,044
35	48	96 142	62 242,782	1 660 130,631	26,672	26,211	85	98	1 308	454,930	1 075,830	2,365	1,904
36	49	95 881	61 307,334	1 597 887,849	26,064	25,603	86	99	807	277,336	620,900	2,239	1,778
37	50	95 593	60 368,659	1 536 580,514	25,453	24,993	87	100	476	161,686	343,564	2,125	1,664
38	51	95 276	59 425,309	1 476 211,856	24,841	24,381							
39	52	94 936	58 482,442	1 416 786,547	24,226	23,765							
40	53	94 562	57 532,777	1 358 304,105	23,609	23,149							
41	54	94 146	56 572,566	1 300 771,328	22,993	22,533							
42	55	93 707	55 613,385	1 244 198,761	22,372	21,912							
43	56	93 219	54 640,942	1 188 585,377	21,753	21,292							
44	57	92 687	53 658,285	1 133 944,434	21,133	20,672							
45	58	92 108	52 664,847	1 080 286,149	20,512	20,052							
46	59	91 467	51 652,684	1 027 621,302	19,895	19,434							
47	60	90 779	50 631,383	975 968,617	19,276	18,816							
48	61	90 004	49 579,037	925 337,235	18,664	18,203							
49	62	89 176	48 516,610	875 758,198	18,051	17,590							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	4 438 376,782	44,590	44,129	50	64	87 682	47 115,179	800 344,325	16,987	16,527
1	15	99 122	97 897,917	4 338 838,553	44,320	43,860	51	65	86 680	46 001,307	753 229,146	16,374	15,914
2	16	99 073	96 641,783	4 240 940,636	43,883	43,423	52	66	85 596	44 865,186	707 227,839	15,763	15,303
3	17	99 038	95 414,961	4 144 298,853	43,434	42,974	53	67	84 445	43 715,925	662 362,653	15,152	14,691
4	18	99 006	94 206,230	4 048 883,893	42,979	42,519	54	68	83 204	42 541,305	618 646,728	14,542	14,082
5	19	98 970	93 009,462	3 954 677,663	42,519	42,059	55	69	81 861	41 337,943	576 105,423	13,936	13,476
6	20	98 937	91 830,815	3 861 668,201	42,052	41,592	56	70	80 404	40 101,254	534 767,480	13,335	12,875
7	21	98 906	90 668,406	3 769 837,386	41,578	41,118	57	71	78 852	38 841,447	494 666,226	12,736	12,275
8	22	98 875	89 521,028	3 679 168,980	41,098	40,638	58	72	77 180	37 548,606	455 824,779	12,140	11,679
9	23	98 843	88 387,014	3 589 647,952	40,613	40,152	59	73	75 314	36 188,296	418 276,173	11,558	11,098
10	24	98 812	87 268,469	3 501 260,937	40,121	39,660	60	74	73 298	34 784,858	382 087,878	10,984	10,524
11	25	98 780	86 163,779	3 413 992,469	39,622	39,162	61	75	71 119	33 334,294	347 303,019	10,419	9,958
12	26	98 749	85 072,792	3 327 828,689	39,117	38,657	62	76	68 753	31 827,326	313 968,725	9,865	9,404
13	27	98 712	83 991,280	3 242 755,897	38,608	38,148	63	77	66 187	30 260,948	282 141,399	9,324	8,863
14	28	98 678	82 925,677	3 158 764,617	38,092	37,631	64	78	63 426	28 640,826	251 880,450	8,794	8,334
15	29	98 636	81 867,127	3 075 838,940	37,571	37,111	65	79	60 435	26 953,413	223 239,625	8,282	7,822
16	30	98 589	80 817,849	2 993 971,814	37,046	36,586	66	80	57 259	25 221,695	196 286,212	7,782	7,322
17	31	98 533	79 774,530	2 913 153,964	36,517	36,057	67	81	53 863	23 432,625	171 064,517	7,300	6,840
18	32	98 467	78 737,078	2 833 379,434	35,985	35,525	68	82	50 274	21 601,263	147 631,893	6,834	6,374
19	33	98 378	77 694,881	2 754 642,356	35,455	34,994	69	83	46 483	19 725,898	126 030,630	6,389	5,929
20	34	98 289	76 666,092	2 676 947,475	34,917	34,457	70	84	42 524	17 823,016	106 304,732	5,964	5,504
21	35	98 190	75 643,653	2 600 281,383	34,375	33,915	71	85	38 449	15 916,094	88 481,717	5,559	5,099
22	36	98 093	74 635,830	2 524 637,730	33,826	33,366	72	86	34 261	14 007,332	72 565,622	5,181	4,720
23	37	97 992	73 638,569	2 450 001,900	33,271	32,810	73	87	30 049	12 133,764	58 558,291	4,826	4,366
24	38	97 887	72 651,110	2 376 363,331	32,709	32,249	74	88	25 751	10 269,732	46 424,526	4,521	4,060
25	39	97 772	71 670,564	2 303 712,221	32,143	31,683	75	89	21 707	8 550,213	36 154,794	4,229	3,768
26	40	97 646	70 694,039	2 232 041,657	31,573	31,113	76	90	17 932	6 975,820	27 604,581	3,957	3,497
27	41	97 517	69 728,894	2 161 347,618	30,996	30,536	77	91	14 600	5 609,496	20 628,761	3,677	3,217
28	42	97 374	68 767,263	2 091 618,725	30,416	29,956	78	92	11 472	4 353,317	15 019,265	3,450	2,990
29	43	97 222	67 811,989	2 022 851,462	29,830	29,370	79	93	8 786	3 293,024	10 665,948	3,239	2,779
30	44	97 056	66 861,066	1 955 039,473	29,240	28,780	80	94	6 546	2 423,234	7 372,924	3,043	2,582
31	45	96 882	65 917,128	1 888 178,407	28,645	28,184	81	95	4 727	1 727,997	4 949,691	2,864	2,404
32	46	96 680	64 967,089	1 822 261,279	28,049	27,589	82	96	3 304	1 192,937	3 221,694	2,701	2,240
33	47	96 458	64 017,683	1 757 294,190	27,450	26,990	83	97	2 231	795,769	2 028,757	2,549	2,089
34	48	96 220	63 071,776	1 693 276,507	26,847	26,386	84	98	1 453	511,956	1 232,988	2,408	1,948
35	49	95 964	62 127,448	1 630 204,731	26,240	25,779	85	99	910	316,504	721,033	2,278	1,818
36	50	95 681	61 179,075	1 568 077,283	25,631	25,171	86	100	545	187,228	404,529	2,161	1,700
37	51	95 370	60 227,610	1 506 898,208	25,020	24,560							
38	52	95 039	59 277,293	1 446 670,598	24,405	23,945							
39	53	94 673	58 320,397	1 387 393,305	23,789	23,329							
40	54	94 275	57 357,924	1 329 072,908	23,172	22,711							
41	55	93 846	56 392,318	1 271 714,984	22,551	22,091							
42	56	93 370	55 413,314	1 215 322,666	21,932	21,472							
43	57	92 865	54 433,695	1 159 909,353	21,309	20,848							
44	58	92 304	53 436,876	1 105 475,657	20,688	20,227							
45	59	91 688	52 424,714	1 052 038,781	20,068	19,607							
46	60	91 030	51 405,870	999 614,067	19,446	18,985							
47	61	90 283	50 354,536	948 208,197	18,831	18,370							
48	62	89 492	49 297,157	897 853,661	18,213	17,753							
49	63	88 616	48 212,179	848 556,504	17,600	17,140							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	4 406 030,552	44,270	43,810	50	65	87 051	46 776,147	772 653,294	16,518	16,058
1	16	99 108	97 884,646	4 306 504,646	43,996	43,535	51	66	86 008	45 645,145	725 877,147	15,903	15,442
2	17	99 057	96 626,247	4 208 620,000	43,556	43,095	52	67	84 892	44 496,405	680 232,002	15,287	14,827
3	18	99 021	95 398,212	4 111 993,753	43,103	42,643	53	68	83 684	43 321,623	635 735,597	14,675	14,214
4	19	98 984	94 185,652	4 016 595,542	42,646	42,185	54	69	82 389	42 124,607	592 413,974	14,063	13,603
5	20	98 948	92 989,460	3 922 409,890	42,181	41,721	55	70	80 963	40 884,562	550 289,367	13,460	12,999
6	21	98 916	91 811,440	3 829 420,430	41,710	41,249	56	71	79 444	39 622,116	509 404,805	12,857	12,396
7	22	98 884	90 648,808	3 737 608,990	41,232	40,771	57	72	77 800	38 323,186	469 782,689	12,258	11,798
8	23	98 852	89 500,457	3 646 960,182	40,748	40,288	58	73	75 986	36 967,536	431 459,503	11,671	11,211
9	24	98 820	88 366,910	3 557 459,726	40,258	39,797	59	74	74 008	35 560,957	394 491,968	11,093	10,633
10	25	98 789	87 248,628	3 469 092,815	39,761	39,301	60	75	71 882	34 112,673	358 931,011	10,522	10,062
11	26	98 758	86 144,578	3 381 844,187	39,258	38,797	61	76	69 535	32 591,567	324 818,337	9,966	9,506
12	27	98 722	85 050,065	3 295 699,609	38,750	38,290	62	77	67 010	31 020,578	292 226,770	9,420	8,960
13	28	98 686	83 969,599	3 210 649,544	38,236	37,775	63	78	64 270	29 384,764	261 206,192	8,889	8,429
14	29	98 652	82 904,138	3 126 679,945	37,714	37,254	64	79	61 317	27 688,286	231 821,428	8,373	7,912
15	30	98 609	81 844,420	3 043 775,807	37,190	36,729	65	80	58 166	25 941,295	204 133,142	7,869	7,409
16	31	98 562	80 795,670	2 961 931,387	36,660	36,199	66	81	54 776	24 127,749	178 191,847	7,385	6,925
17	32	98 500	79 748,522	2 881 135,718	36,128	35,667	67	82	51 197	22 272,808	154 064,098	6,917	6,457
18	33	98 433	78 709,808	2 801 387,196	35,591	35,131	68	83	47 415	20 372,846	131 791,290	6,469	6,009
19	34	98 342	77 666,771	2 722 677,388	35,056	34,595	69	84	43 463	18 444,522	111 418,444	6,041	5,580
20	35	98 249	76 634,980	2 645 010,617	34,514	34,054	70	85	39 378	16 504,366	92 973,922	5,633	5,173
21	36	98 148	75 611,417	2 568 375,637	33,968	33,508	71	86	35 169	14 558,524	76 469,556	5,253	4,792
22	37	98 047	74 601,026	2 492 764,220	33,415	32,954	72	87	30 950	12 653,543	61 911,032	4,893	4,432
23	38	97 940	73 599,784	2 418 163,194	32,856	32,395	73	88	26 604	10 742,488	49 257,489	4,585	4,125
24	39	97 829	72 608,277	2 344 563,410	32,291	31,830	74	89	22 520	8 981,270	38 515,001	4,288	3,828
25	40	97 704	71 620,161	2 271 955,133	31,722	31,262	75	90	18 673	7 355,161	29 533,731	4,015	3,555
26	41	97 576	70 643,648	2 200 334,972	31,147	30,687	76	91	15 274	5 942,028	22 178,570	3,732	3,272
27	42	97 436	69 670,951	2 129 691,324	30,568	30,107	77	92	12 072	4 638,244	16 236,542	3,501	3,040
28	43	97 282	68 702,213	2 060 020,373	29,985	29,524	78	93	9 304	3 530,613	11 598,298	3,285	2,825
29	44	97 119	67 740,410	1 991 318,161	29,396	28,936	79	94	6 969	2 611,753	8 067,685	3,089	2,629
30	45	96 947	66 785,458	1 923 577,751	28,802	28,342	80	95	5 071	1 877,057	5 455,932	2,907	2,446
31	46	96 751	65 827,971	1 856 792,293	28,207	27,746	81	96	3 571	1 305,591	3 578,875	2,741	2,281
32	47	96 530	64 866,330	1 790 964,322	27,610	27,150	82	97	2 432	878,013	2 273,284	2,589	2,129
33	48	96 290	63 906,586	1 726 097,992	27,010	26,549	83	98	1 598	569,806	1 395,272	2,449	1,988
34	49	96 042	62 954,907	1 662 191,406	26,403	25,942	84	99	1 011	356,177	825,465	2,318	1,857
35	50	95 764	61 997,473	1 599 236,499	25,795	25,335	85	100	614	213,670	469,288	2,196	1,736
36	51	95 457	61 036,132	1 537 239,026	25,186	24,725							
37	52	95 132	60 077,596	1 476 202,894	24,572	24,111							
38	53	94 775	59 113,045	1 416 125,298	23,956	23,496							
39	54	94 385	58 143,150	1 357 012,253	23,339	22,879							
40	55	93 974	57 175,173	1 298 869,102	22,717	22,257							
41	56	93 508	56 189,444	1 241 693,929	22,098	21,638							
42	57	93 015	55 203,137	1 185 504,485	21,475	21,015							
43	58	92 482	54 209,087	1 130 301,348	20,851	20,390							
44	59	91 884	53 193,223	1 076 092,261	20,230	19,769							
45	60	91 250	52 174,211	1 022 899,038	19,605	19,145							
46	61	90 532	51 124,789	970 724,828	18,987	18,527							
47	62	89 770	50 068,247	919 600,039	18,367	17,907							
48	63	88 930	48 987,828	869 531,792	17,750	17,290							
49	64	88 025	47 890,669	820 543,963	17,134	16,673							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	4 372 540,827	43,940	43,479	50	66	86 377	46 413,986	744 216,403	16,034	15,574
1	17	99 092	97 868,910	4 273 028,413	43,661	43,200	51	67	85 301	45 269,952	697 802,418	15,414	14,954
2	18	99 040	96 609,285	4 175 159,503	43,217	42,757	52	68	84 126	44 095,064	652 532,465	14,798	14,338
3	19	98 999	95 377,373	4 078 550,218	42,762	42,302	53	69	82 864	42 897,282	608 437,401	14,184	13,723
4	20	98 963	94 165,397	3 983 172,845	42,300	41,839	54	70	81 485	41 662,599	565 540,119	13,574	13,114
5	21	98 928	92 969,840	3 889 007,448	41,831	41,370	55	71	79 996	40 396,065	523 877,520	12,969	12,508
6	22	98 895	91 791,595	3 796 037,608	41,355	40,895	56	72	78 384	39 093,438	483 481,456	12,367	11,907
7	23	98 862	90 627,977	3 704 246,013	40,873	40,413	57	73	76 596	37 730,129	444 388,018	11,778	11,318
8	24	98 830	89 480,099	3 613 618,036	40,385	39,924	58	74	74 669	36 326,688	406 657,889	11,194	10,734
9	25	98 798	88 346,820	3 524 137,936	39,890	39,429	59	75	72 578	34 873,774	370 331,201	10,619	10,159
10	26	98 767	87 229,185	3 435 791,117	39,388	38,928	60	76	70 280	33 352,603	335 457,426	10,058	9,598
11	27	98 732	86 121,564	3 348 561,931	38,882	38,421	61	77	67 772	31 765,447	302 104,823	9,510	9,050
12	28	98 697	85 028,110	3 262 440,367	38,369	37,909	62	78	65 070	30 122,399	270 339,376	8,975	8,514
13	29	98 661	83 947,789	3 177 412,257	37,850	37,389	63	79	62 133	28 407,483	240 216,977	8,456	7,996
14	30	98 625	82 881,144	3 093 464,467	37,324	36,864	64	80	59 014	26 648,573	211 809,494	7,948	7,488
15	31	98 581	81 821,958	3 010 583,324	36,794	36,334	65	81	55 643	24 816,138	185 160,921	7,461	7,001
16	32	98 530	80 769,328	2 928 761,365	36,261	35,800	66	82	52 065	22 933,527	160 344,783	6,992	6,531
17	33	98 466	79 720,901	2 847 992,037	35,725	35,264	67	83	48 285	21 006,202	137 411,256	6,541	6,081
18	34	98 397	78 681,332	2 768 271,136	35,183	34,723	68	84	44 335	19 049,444	116 405,053	6,111	5,650
19	35	98 303	77 635,252	2 689 589,804	34,644	34,184	69	85	40 248	17 079,889	97 355,609	5,700	5,240
20	36	98 207	76 602,321	2 611 954,552	34,098	33,637	70	86	36 019	15 096,619	80 275,720	5,317	4,857
21	37	98 103	75 576,158	2 535 352,231	33,547	33,087	71	87	31 770	13 151,464	65 179,101	4,956	4,496
22	38	97 996	74 561,734	2 459 776,073	32,990	32,529	72	88	27 401	11 202,668	52 027,637	4,644	4,184
23	39	97 883	73 556,392	2 385 214,339	32,427	31,967	73	89	23 266	9 394,714	40 824,969	4,346	3,885
24	40	97 760	72 557,214	2 311 657,947	31,860	31,399	74	90	19 372	7 725,970	31 430,256	4,068	3,608
25	41	97 634	71 569,110	2 239 100,733	31,286	30,825	75	91	15 906	6 265,151	23 704,286	3,784	3,323
26	42	97 495	70 584,945	2 167 531,622	30,708	30,248	76	92	12 630	4 913,200	17 439,135	3,549	3,089
27	43	97 343	69 605,046	2 096 946,677	30,126	29,666	77	93	9 790	3 761,694	12 525,935	3,330	2,869
28	44	97 179	68 629,694	2 027 341,632	29,540	29,080	78	94	7 379	2 800,189	8 764,241	3,130	2,669
29	45	97 009	67 663,808	1 958 711,937	28,948	28,487	79	95	5 398	2 023,085	5 964,052	2,948	2,488
30	46	96 816	66 695,126	1 891 048,130	28,354	27,893	80	96	3 831	1 418,213	3 940,967	2,779	2,318
31	47	96 601	65 725,877	1 824 353,004	27,757	27,297	81	97	2 628	960,928	2 522,754	2,625	2,165
32	48	96 362	64 753,760	1 758 627,126	27,159	26,698	82	98	1 741	628,697	1 561,826	2,484	2,024
33	49	96 112	63 788,169	1 693 873,366	26,555	26,094	83	99	1 112	396,425	933,129	2,354	1,893
34	50	95 841	62 823,201	1 630 085,197	25,947	25,487	84	100	683	240,454	536,704	2,232	1,772
35	51	95 540	61 852,618	1 567 261,996	25,339	24,878							
36	52	95 219	60 884,104	1 505 409,378	24,726	24,265							
37	53	94 869	59 911,130	1 444 525,273	24,111	23,651							
38	54	94 487	58 933,390	1 384 614,143	23,495	23,034							
39	55	94 085	57 957,897	1 325 680,753	22,873	22,413							
40	56	93 636	56 969,483	1 267 722,856	22,253	21,792							
41	57	93 154	55 976,324	1 210 753,372	21,630	21,169							
42	58	92 632	54 975,354	1 154 777,049	21,005	20,545							
43	59	92 061	53 961,912	1 099 801,695	20,381	19,921							
44	60	91 444	52 939,047	1 045 839,783	19,756	19,295							
45	61	90 751	51 888,928	992 900,736	19,135	18,675							
46	62	90 017	50 834,120	941 011,807	18,511	18,051							
47	63	89 206	49 754,080	890 177,687	17,892	17,431							
48	64	88 337	48 661,147	840 423,607	17,271	16,811							
49	65	87 392	47 546,057	791 762,460	16,653	16,192							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	4 337 929,254	43,599	43,138	50	67	85 667	46 032,474	715 083,184	15,534	15,074
1	18	99 075	97 851,730	4 238 432,837	43,315	42,854	51	68	84 532	44 861,634	669 050,710	14,914	14,453
2	19	99 018	96 588,182	4 140 581,108	42,868	42,408	52	69	83 302	43 663,147	624 189,076	14,296	13,835
3	20	98 978	95 356,862	4 043 992,926	42,409	41,949	53	70	81 955	42 426,799	580 525,929	13,683	13,223
4	21	98 942	94 145,529	3 948 636,064	41,942	41,481	54	71	80 511	41 164,805	538 099,130	13,072	12,611
5	22	98 906	92 949,745	3 854 490,535	41,469	41,008	55	72	78 928	39 857,060	496 934,325	12,468	12,008
6	23	98 872	91 770,502	3 761 540,790	40,989	40,528	56	73	77 171	38 488,461	457 077,265	11,876	11,415
7	24	98 839	90 607,364	3 669 770,288	40,502	40,042	57	74	75 268	37 076,062	418 588,803	11,290	10,830
8	25	98 807	89 459,756	3 579 162,924	40,009	39,548	58	75	73 226	35 624,709	381 512,742	10,709	10,249
9	26	98 776	88 327,132	3 489 703,169	39,509	39,048	59	76	70 961	34 096,746	345 888,033	10,144	9,684
10	27	98 741	87 205,881	3 401 376,036	39,004	38,544	60	77	68 499	32 507,192	311 791,287	9,591	9,131
11	28	98 706	86 099,333	3 314 170,155	38,492	38,032	61	78	65 810	30 845,701	279 284,095	9,054	8,594
12	29	98 671	85 006,026	3 228 070,822	37,975	37,514	62	79	62 906	29 120,585	248 438,394	8,531	8,071
13	30	98 633	83 924,506	3 143 064,796	37,451	36,991	63	80	59 800	27 340,764	219 317,809	8,022	7,561
14	31	98 598	82 858,398	3 059 140,290	36,920	36,460	64	81	56 454	25 492,740	191 977,045	7,531	7,070
15	32	98 549	81 795,282	2 976 281,893	36,387	35,927	65	82	52 889	23 587,844	166 484,305	7,058	6,598
16	33	98 496	80 741,354	2 894 486,610	35,849	35,388	66	83	49 104	21 629,348	142 896,461	6,607	6,146
17	34	98 431	79 692,059	2 813 745,256	35,308	34,847	67	84	45 149	19 641,659	121 267,114	6,174	5,714
18	35	98 357	78 649,401	2 734 053,197	34,763	34,302	68	85	41 055	17 640,056	101 625,455	5,761	5,301
19	36	98 261	77 602,168	2 655 403,796	34,218	33,758	69	86	36 815	15 623,053	83 985,399	5,376	4,915
20	37	98 161	76 566,600	2 577 801,628	33,667	33,207	70	87	32 538	13 637,552	68 362,346	5,013	4,552
21	38	98 051	75 536,352	2 501 235,028	33,113	32,653	71	88	28 127	11 643,497	54 724,794	4,700	4,240
22	39	97 938	74 517,774	2 425 698,676	32,552	32,092	72	89	23 963	9 797,158	43 081,298	4,397	3,937
23	40	97 814	73 504,662	2 351 180,901	31,987	31,526	73	90	20 014	8 081,626	33 284,139	4,118	3,658
24	41	97 690	72 505,496	2 277 676,239	31,414	30,953	74	91	16 502	6 581,007	25 202,513	3,830	3,369
25	42	97 553	71 509,638	2 205 170,743	30,837	30,377	75	92	13 152	5 180,376	18 621,506	3,595	3,134
26	43	97 403	70 518,175	2 133 661,105	30,257	29,797	76	93	10 243	3 984,687	13 441,129	3,373	2,913
27	44	97 241	69 531,574	2 063 142,929	29,672	29,212	77	94	7 765	2 983,463	9 456,442	3,170	2,709
28	45	97 069	68 552,086	1 993 611,355	29,082	28,621	78	95	5 716	2 169,049	6 472,979	2,984	2,524
29	46	96 878	67 572,288	1 925 059,269	28,489	28,028	79	96	4 078	1 528,546	4 303,929	2,816	2,355
30	47	96 665	66 591,688	1 857 486,981	27,894	27,433	80	97	2 820	1 043,819	2 775,384	2,659	2,198
31	48	96 434	65 611,816	1 790 895,294	27,295	26,835	81	98	1 882	688,067	1 731,565	2,517	2,056
32	49	96 183	64 633,774	1 725 283,478	26,693	26,233	82	99	1 211	437,396	1 043,498	2,386	1,925
33	50	95 911	63 654,720	1 660 649,704	26,088	25,628	83	100	750	267,625	606,101	2,265	1,804
34	51	95 617	62 676,417	1 596 994,984	25,480	25,020							
35	52	95 302	61 698,557	1 534 318,568	24,868	24,408							
36	53	94 955	60 715,405	1 472 620,011	24,254	23,794							
37	54	94 581	59 729,049	1 411 904,606	23,638	23,178							
38	55	94 186	58 745,619	1 352 175,557	23,017	22,557							
39	56	93 746	57 749,392	1 293 429,938	22,397	21,937							
40	57	93 281	56 753,404	1 235 680,546	21,773	21,312							
41	58	92 769	55 745,350	1 178 927,142	21,148	20,688							
42	59	92 209	54 724,685	1 123 181,792	20,524	20,064							
43	60	91 621	53 704,063	1 068 457,106	19,895	19,435							
44	61	90 944	52 649,583	1 014 753,043	19,274	18,813							
45	62	90 235	51 593,916	962 103,460	18,648	18,187							
46	63	89 453	50 515,147	910 509,545	18,024	17,564							
47	64	88 611	49 422,288	859 994,397	17,401	16,941							
48	65	87 702	48 310,990	810 572,109	16,778	16,318							
49	66	86 715	47 177,935	762 261,119	16,157	15,697							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	4 302 219,069	43,248	42,787	50	68	84 895	45 617,278	685 299,945	15,023	14,562
1	19	99 053	97 830,355	4 202 740,118	42,959	42,499	51	69	83 704	44 422,208	639 682,667	14,400	13,940
2	20	98 997	96 567,410	4 104 909,762	42,508	42,048	52	70	82 389	43 184,264	595 260,459	13,784	13,324
3	21	98 957	95 336,743	4 008 342,352	42,044	41,584	53	71	80 976	41 919,875	552 076,195	13,170	12,709
4	22	98 920	94 125,179	3 913 005,609	41,572	41,112	54	72	79 437	40 615,543	510 156,320	12,561	12,100
5	23	98 883	92 928,386	3 818 880,430	41,095	40,634	55	73	77 707	39 240,267	469 540,777	11,966	11,505
6	24	98 850	91 749,628	3 725 952,044	40,610	40,150	56	74	75 833	37 821,248	430 300,510	11,377	10,917
7	25	98 817	90 586,764	3 634 202,416	40,118	39,658	57	75	73 814	36 359,601	392 479,262	10,794	10,334
8	26	98 785	89 439,820	3 543 615,653	39,620	39,160	58	76	71 594	34 830,949	356 119,661	10,224	9,764
9	27	98 749	88 303,535	3 454 175,832	39,117	38,657	59	77	69 162	33 232,473	321 288,712	9,668	9,208
10	28	98 715	87 183,371	3 365 872,297	38,607	38,146	60	78	66 515	31 565,970	288 056,240	9,126	8,665
11	29	98 681	86 076,970	3 278 688,927	38,090	37,630	61	79	63 621	29 819,831	256 490,270	8,601	8,141
12	30	98 644	84 982,448	3 192 611,956	37,568	37,108	62	80	60 544	28 027,089	226 670,438	8,088	7,627
13	31	98 606	83 901,473	3 107 629,508	37,039	36,579	63	81	57 206	26 154,908	198 643,350	7,595	7,134
14	32	98 566	82 831,384	3 023 728,035	36,505	36,044	64	82	53 660	24 230,956	172 488,442	7,119	6,658
15	33	98 515	81 766,953	2 940 896,651	35,967	35,506	65	83	49 881	22 246,455	148 257,486	6,664	6,204
16	34	98 460	80 712,143	2 859 129,697	35,424	34,963	66	84	45 914	20 224,325	126 011,031	6,231	5,770
17	35	98 391	79 659,718	2 778 417,555	34,879	34,418	67	85	41 808	18 188,455	105 786,706	5,816	5,356
18	36	98 315	78 615,884	2 698 757,837	34,328	33,868	68	86	37 553	16 135,440	87 598,251	5,429	4,969
19	37	98 215	77 565,981	2 620 141,952	33,780	33,319	69	87	33 257	14 113,107	71 462,811	5,064	4,603
20	38	98 110	76 526,273	2 542 575,972	33,225	32,764	70	88	28 807	12 073,849	57 349,704	4,750	4,290
21	39	97 993	75 491,818	2 466 049,699	32,666	32,206	71	89	24 599	10 182,680	45 275,855	4,446	3,986
22	40	97 869	74 465,369	2 390 557,881	32,103	31,643	72	90	20 614	8 427,822	35 093,175	4,164	3,704
23	41	97 744	73 452,269	2 316 092,512	31,532	31,072	73	91	17 048	6 883,957	26 665,354	3,874	3,413
24	42	97 609	72 445,245	2 242 640,243	30,956	30,496	74	92	13 644	5 441,544	19 781,397	3,635	3,175
25	43	97 461	71 441,994	2 170 194,998	30,377	29,917	75	93	10 666	4 201,372	14 339,853	3,413	2,953
26	44	97 300	70 443,740	2 098 753,004	29,793	29,333	76	94	8 124	3 160,324	10 138,481	3,208	2,748
27	45	97 131	69 452,946	2 028 309,264	29,204	28,744	77	95	6 015	2 311,015	6 978,157	3,020	2,559
28	46	96 938	68 459,365	1 958 856,318	28,613	28,153	78	96	4 319	1 638,829	4 667,142	2,848	2,387
29	47	96 728	67 467,489	1 890 396,952	28,019	27,559	79	97	3 002	1 125,024	3 028,313	2,692	2,231
30	48	96 498	66 476,123	1 822 929,464	27,422	26,962	80	98	2 019	747,421	1 903,289	2,546	2,086
31	49	96 255	65 490,239	1 756 453,340	26,820	26,360	81	99	1 309	478,702	1 155,868	2,415	1,954
32	50	95 982	64 498,555	1 690 963,101	26,217	25,757	82	100	818	295,285	677,166	2,293	1,833
33	51	95 687	63 505,993	1 626 464,545	25,611	25,151							
34	52	95 379	62 520,303	1 562 958,552	24,999	24,539							
35	53	95 038	61 527,600	1 500 438,249	24,386	23,926							
36	54	94 667	60 530,879	1 438 910,649	23,772	23,311							
37	55	94 279	59 538,744	1 378 379,770	23,151	22,691							
38	56	93 847	58 534,280	1 318 841,026	22,531	22,071							
39	57	93 391	57 530,355	1 260 306,747	21,907	21,446							
40	58	92 896	56 519,224	1 202 776,392	21,281	20,820							
41	59	92 346	55 491,171	1 146 257,168	20,657	20,196							
42	60	91 769	54 463,192	1 090 765,997	20,028	19,567							
43	61	91 120	53 410,416	1 036 302,805	19,403	18,942							
44	62	90 427	52 350,245	982 892,390	18,775	18,315							
45	63	89 669	51 270,175	930 542,144	18,150	17,689							
46	64	88 856	50 178,280	879 271,969	17,523	17,063							
47	65	87 974	49 066,655	829 093,689	16,897	16,437							
48	66	87 023	47 936,945	780 027,034	16,272	15,812							
49	67	86 002	46 790,144	732 090,089	15,646	15,186							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	4 265 432,428	42,887	42,427	50	69	84 063	45 170,450	654 927,849	14,499	14,039
1	20	99 032	97 809,317	4 165 975,207	42,593	42,132	51	70	82 786	43 935,000	609 757,399	13,879	13,418
2	21	98 976	96 547,036	4 068 165,890	42,137	41,676	52	71	81 404	42 668,289	565 822,398	13,261	12,801
3	22	98 935	95 316,136	3 971 618,855	41,668	41,207	53	72	79 896	41 360,538	523 154,109	12,649	12,188
4	23	98 898	94 103,550	3 876 302,719	41,192	40,731	54	73	78 208	39 987,012	481 793,571	12,049	11,588
5	24	98 861	92 907,248	3 782 199,169	40,709	40,249	55	74	76 360	38 560,021	441 806,559	11,458	10,997
6	25	98 827	91 728,769	3 689 291,920	40,220	39,759	56	75	74 367	37 090,388	403 246,538	10,872	10,412
7	26	98 795	90 566,577	3 597 563,152	39,723	39,262	57	76	72 169	35 549,467	366 156,151	10,300	9,840
8	27	98 759	89 415,926	3 506 996,575	39,221	38,761	58	77	69 779	33 948,065	330 606,684	9,739	9,278
9	28	98 724	88 280,741	3 417 580,649	38,713	38,252	59	78	67 160	32 270,250	296 658,619	9,193	8,733
10	29	98 690	87 160,726	3 329 299,908	38,197	37,737	60	79	64 303	30 516,145	264 388,368	8,664	8,203
11	30	98 653	86 053,096	3 242 139,182	37,676	37,216	61	80	61 232	28 700,078	233 872,223	8,149	7,688
12	31	98 617	84 959,126	3 156 086,086	37,148	36,688	62	81	57 918	26 811,464	205 172,145	7,652	7,192
13	32	98 574	83 874,119	3 071 126,960	36,616	36,156	63	82	54 374	24 860,350	178 360,681	7,175	6,714
14	33	98 531	82 802,696	2 987 252,840	36,077	35,616	64	83	50 609	22 852,995	153 500,331	6,717	6,256
15	34	98 480	81 737,371	2 904 450,145	35,534	35,074	65	84	46 641	20 801,345	130 647,336	6,281	5,820
16	35	98 420	80 679,388	2 822 712,774	34,987	34,526	66	85	42 517	18 728,012	109 845,991	5,865	5,405
17	36	98 349	79 625,771	2 742 033,386	34,437	33,976	67	86	38 242	16 637,063	91 117,978	5,477	5,016
18	37	98 269	78 579,224	2 662 407,615	33,882	33,421	68	87	33 923	14 575,973	74 480,916	5,110	4,649
19	38	98 163	77 525,127	2 583 828,391	33,329	32,869	69	88	29 443	12 494,876	59 904,943	4,794	4,334
20	39	98 052	76 481,155	2 506 303,264	32,770	32,310	70	89	25 193	10 559,039	47 410,067	4,490	4,030
21	40	97 924	75 438,728	2 429 822,109	32,209	31,749	71	90	21 160	8 759,459	36 851,027	4,207	3,747
22	41	97 799	74 412,291	2 354 383,381	31,640	31,179	72	91	17 559	7 178,848	28 091,568	3,913	3,453
23	42	97 663	73 391,232	2 279 971,091	31,066	30,606	73	92	14 096	5 692,040	20 912,721	3,674	3,214
24	43	97 517	72 376,716	2 206 579,859	30,487	30,027	74	93	11 066	4 413,183	15 220,681	3,449	2,989
25	44	97 358	71 366,583	2 134 203,143	29,905	29,444	75	94	8 460	3 332,180	10 807,498	3,243	2,783
26	45	97 190	70 364,081	2 062 836,560	29,317	28,856	76	95	6 293	2 448,013	7 475,318	3,054	2,593
27	46	96 999	69 359,007	1 992 472,479	28,727	28,267	77	96	4 544	1 746,091	5 027,306	2,879	2,419
28	47	96 788	68 353,190	1 923 113,473	28,135	27,675	78	97	3 179	1 206,194	3 281,214	2,720	2,260
29	48	96 560	67 350,405	1 854 760,282	27,539	27,079	79	98	2 149	805,568	2 075,020	2,576	2,115
30	49	96 319	66 352,945	1 787 409,877	26,938	26,478	80	99	1 405	519,995	1 269,452	2,441	1,981
31	50	96 053	65 353,229	1 721 056,932	26,335	25,874	81	100	884	323,170	749,457	2,319	1,859
32	51	95 758	64 347,857	1 655 703,703	25,731	25,270							
33	52	95 448	63 347,813	1 591 355,846	25,121	24,661							
34	53	95 115	62 347,069	1 528 008,033	24,508	24,048							
35	54	94 749	61 340,606	1 465 660,963	23,894	23,433							
36	55	94 365	60 338,019	1 404 320,357	23,274	22,814							
37	56	93 940	59 324,551	1 343 982,338	22,655	22,194							
38	57	93 491	58 312,266	1 284 657,787	22,031	21,570							
39	58	93 005	57 292,969	1 226 345,522	21,405	20,944							
40	59	92 473	56 261,516	1 169 052,553	20,779	20,319							
41	60	91 905	55 226,014	1 112 791,037	20,150	19,689							
42	61	91 267	54 165,394	1 057 565,022	19,525	19,064							
43	62	90 602	53 106,753	1 003 399,629	18,894	18,434							
44	63	89 860	52 021,759	950 292,876	18,267	17,807							
45	64	89 071	50 928,273	898 271,117	17,638	17,178							
46	65	88 217	49 817,207	847 342,844	17,009	16,549							
47	66	87 293	48 686,759	797 525,637	16,381	15,920							
48	67	86 307	47 542,915	748 838,878	15,751	15,290							
49	68	85 227	46 368,114	701 295,963	15,125	14,664							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	4 227 593,900	42,516	42,055	50	70	83 141	44 675,036	624 026,093	13,968	13,508
1	21	99 011	97 788,680	4 128 158,067	42,215	41,755	51	71	81 797	43 410,056	579 351,057	13,346	12,886
2	22	98 954	96 526,167	4 030 369,387	41,754	41,294	52	72	80 318	42 098,967	535 941,001	12,731	12,270
3	23	98 913	95 294,233	3 933 843,220	41,281	40,821	53	73	78 659	40 720,478	493 842,034	12,128	11,667
4	24	98 875	94 082,146	3 838 548,987	40,800	40,340	54	74	76 852	39 293,821	453 121,556	11,532	11,071
5	25	98 838	92 886,126	3 744 466,841	40,312	39,852	55	75	74 884	37 814,884	413 827,736	10,944	10,483
6	26	98 805	91 708,327	3 651 580,716	39,817	39,357	56	76	72 711	36 263,971	376 012,852	10,369	9,908
7	27	98 768	90 542,381	3 559 872,388	39,317	38,857	57	77	70 340	34 648,370	339 748,881	9,806	9,345
8	28	98 733	89 392,845	3 469 330,007	38,810	38,350	58	78	67 759	32 965,123	305 100,511	9,255	8,795
9	29	98 698	88 257,812	3 379 937,162	38,296	37,836	59	79	64 926	31 197,003	272 135,387	8,723	8,263
10	30	98 662	87 136,551	3 291 679,350	37,776	37,316	60	80	61 888	29 370,245	240 938,385	8,203	7,743
11	31	98 626	86 029,480	3 204 542,799	37,249	36,789	61	81	58 576	27 455,264	211 568,140	7,706	7,246
12	32	98 585	84 931,427	3 118 513,320	36,718	36,258	62	82	55 051	25 484,410	184 112,876	7,225	6,764
13	33	98 540	83 845,070	3 033 581,893	36,181	35,720	63	83	51 282	23 446,596	158 628,466	6,766	6,305
14	34	98 496	82 772,738	2 949 736,823	35,637	35,176	64	84	47 321	21 368,485	135 181,870	6,326	5,866
15	35	98 440	81 704,200	2 866 964,084	35,090	34,629	65	85	43 190	19 262,341	113 813,385	5,909	5,448
16	36	98 378	80 645,006	2 785 259,885	34,537	34,077	66	86	38 891	17 130,598	94 551,043	5,519	5,059
17	37	98 303	79 588,640	2 704 614,879	33,982	33,522	67	87	34 546	15 029,114	77 420,445	5,151	4,691
18	38	98 218	78 537,837	2 625 026,239	33,424	32,963	68	88	30 034	12 904,669	62 391,331	4,835	4,374
19	39	98 105	77 479,420	2 546 488,402	32,867	32,406	69	89	25 749	10 927,243	49 486,662	4,529	4,068
20	40	97 983	76 427,369	2 469 008,982	32,305	31,845	70	90	21 672	9 083,216	38 559,418	4,245	3,785
21	41	97 854	75 384,955	2 392 581,612	31,738	31,278	71	91	18 025	7 461,337	29 476,202	3,951	3,490
22	42	97 718	74 350,456	2 317 196,657	31,166	30,705	72	92	14 519	5 935,872	22 014,865	3,709	3,248
23	43	97 571	73 321,807	2 242 846,202	30,589	30,129	73	93	11 432	4 616,339	16 078,993	3,483	3,023
24	44	97 414	72 300,319	2 169 524,394	30,007	29,547	74	94	8 777	3 500,171	11 462,654	3,275	2,814
25	45	97 248	71 285,880	2 097 224,075	29,420	28,960	75	95	6 553	2 581,134	7 962,483	3,085	2,624
26	46	97 059	70 268,909	2 025 938,195	28,831	28,371	76	96	4 754	1 849,600	5 381,350	2,909	2,449
27	47	96 849	69 251,437	1 955 669,286	28,240	27,780	77	97	3 345	1 285,140	3 531,750	2,748	2,288
28	48	96 620	68 234,569	1 886 417,850	27,646	27,186	78	98	2 276	863,689	2 246,609	2,601	2,141
29	49	96 381	67 225,607	1 818 183,280	27,046	26,586	79	99	1 495	560,449	1 382,920	2,468	2,007
30	50	96 117	66 214,130	1 750 957,673	26,444	25,983	80	100	948	351,047	822,471	2,343	1,883
31	51	95 829	65 200,534	1 684 743,543	25,839	25,379							
32	52	95 519	64 187,580	1 619 543,009	25,231	24,771							
33	53	95 184	63 172,287	1 555 355,429	24,621	24,160							
34	54	94 826	62 157,585	1 492 183,142	24,006	23,546							
35	55	94 447	61 145,166	1 430 025,557	23,387	22,927							
36	56	94 026	60 120,951	1 368 880,391	22,769	22,308							
37	57	93 584	59 099,539	1 308 759,441	22,145	21,685							
38	58	93 106	58 071,653	1 249 659,901	21,519	21,059							
39	59	92 581	57 031,733	1 191 588,248	20,893	20,433							
40	60	92 031	55 992,679	1 134 556,515	20,263	19,802							
41	61	91 403	54 924,045	1 078 563,836	19,637	19,177							
42	62	90 748	53 857,438	1 023 639,791	19,006	18,546							
43	63	90 033	52 773,520	969 782,353	18,376	17,916							
44	64	89 261	51 674,845	917 008,833	17,746	17,285							
45	65	88 430	50 561,803	865 333,989	17,114	16,654							
46	66	87 534	49 431,500	814 772,186	16,483	16,022							
47	67	86 575	48 286,566	765 340,686	15,850	15,390							
48	68	85 529	47 114,096	717 054,120	15,220	14,759							
49	69	84 392	45 913,932	669 940,024	14,591	14,131							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	4 188 722,788	42,134	41,673	50	71	82 148	44 141,249	592 670,994	13,427	12,966
1	22	98 990	97 767,543	4 089 307,936	41,827	41,366	51	72	80 706	42 830,836	548 529,745	12,807	12,346
2	23	98 932	96 503,986	3 991 540,392	41,361	40,901	52	73	79 075	41 447,479	505 698,909	12,201	11,741
3	24	98 890	95 272,558	3 895 036,406	40,883	40,423	53	74	77 296	40 014,572	464 251,430	11,602	11,142
4	25	98 853	94 060,756	3 799 763,849	40,397	39,937	54	75	75 367	38 534,504	424 236,858	11,009	10,549
5	26	98 816	92 865,427	3 705 703,093	39,904	39,444	55	76	73 216	36 972,324	385 702,354	10,432	9,972
6	27	98 779	91 683,827	3 612 837,666	39,405	38,945	56	77	70 867	35 344,763	348 730,030	9,867	9,406
7	28	98 743	90 519,010	3 521 153,839	38,900	38,439	57	78	68 303	33 645,152	313 385,267	9,314	8,854
8	29	98 708	89 369,626	3 430 634,830	38,387	37,927	58	79	65 505	31 868,766	279 740,115	8,778	8,317
9	30	98 671	88 233,332	3 341 265,204	37,869	37,408	59	80	62 488	30 025,536	247 871,349	8,255	7,795
10	31	98 635	87 112,637	3 253 031,871	37,343	36,882	60	81	59 204	28 096,364	217 845,814	7,754	7,293
11	32	98 594	86 001,432	3 165 919,234	36,812	36,352	61	82	55 677	26 096,344	189 749,450	7,271	6,811
12	33	98 550	84 902,012	3 079 917,802	36,276	35,816	62	83	51 921	24 035,167	163 653,106	6,809	6,349
13	34	98 504	83 814,736	2 995 015,791	35,734	35,273	63	84	47 951	21 923,527	139 617,939	6,368	5,908
14	35	98 456	82 739,147	2 911 201,055	35,185	34,725	64	85	43 820	19 787,521	117 694,412	5,948	5,488
15	36	98 398	81 669,381	2 828 461,908	34,633	34,173	65	86	39 506	17 619,352	97 906,892	5,557	5,096
16	37	98 332	80 607,400	2 746 792,526	34,076	33,616	66	87	35 132	15 474,950	80 287,540	5,188	4,728
17	38	98 251	79 546,721	2 666 185,126	33,517	33,057	67	88	30 585	13 305,853	64 812,590	4,871	4,411
18	39	98 160	78 491,533	2 586 638,406	32,954	32,494	68	89	26 266	11 285,623	51 506,737	4,564	4,104
19	40	98 036	77 424,932	2 508 146,872	32,395	31,934	69	90	22 150	9 399,956	40 221,114	4,279	3,818
20	41	97 913	76 372,892	2 430 721,941	31,827	31,367	70	91	18 460	7 737,114	30 821,158	3,984	3,523
21	42	97 773	75 322,312	2 354 349,048	31,257	30,797	71	92	14 904	6 169,450	23 084,043	3,742	3,281
22	43	97 626	74 280,124	2 279 026,736	30,682	30,221	72	93	11 775	4 814,091	16 914,593	3,514	3,053
23	44	97 468	73 244,413	2 204 746,612	30,101	29,641	73	94	9 067	3 661,297	12 100,502	3,305	2,845
24	45	97 304	72 218,560	2 131 502,200	29,515	29,054	74	95	6 798	2 711,261	8 439,205	3,113	2,652
25	46	97 116	71 189,461	2 059 283,640	28,927	28,466	75	96	4 951	1 950,180	5 727,944	2,937	2,477
26	47	96 908	70 159,928	1 988 094,178	28,337	27,876	76	97	3 499	1 361,324	3 777,764	2,775	2,315
27	48	96 681	69 131,257	1 917 934,250	27,743	27,283	77	98	2 395	920,218	2 416,440	2,626	2,166
28	49	96 441	68 108,133	1 848 802,994	27,145	26,685	78	99	1 583	600,885	1 496,222	2,490	2,030
29	50	96 179	67 084,966	1 780 694,861	26,544	26,083	79	100	1 010	378,357	895,337	2,366	1,906
30	51	95 893	66 059,424	1 713 609,894	25,940	25,480							
31	52	95 590	65 038,133	1 647 550,471	25,332	24,872							
32	53	95 255	64 009,727	1 582 512,338	24,723	24,263							
33	54	94 894	62 980,294	1 518 502,611	24,111	23,650							
34	55	94 523	61 959,542	1 455 522,316	23,491	23,031							
35	56	94 107	60 925,194	1 393 562,775	22,873	22,413							
36	57	93 669	59 892,918	1 332 637,581	22,250	21,790							
37	58	93 198	58 855,678	1 272 744,662	21,625	21,164							
38	59	92 681	57 806,867	1 213 888,984	20,999	20,539							
39	60	92 139	56 759,215	1 156 082,117	20,368	19,908							
40	61	91 527	55 686,518	1 099 322,902	19,741	19,281							
41	62	90 883	54 611,776	1 043 636,384	19,110	18,650							
42	63	90 179	53 519,494	989 024,608	18,480	18,019							
43	64	89 433	52 421,592	935 505,113	17,846	17,385							
44	65	88 618	51 303,002	883 083,521	17,213	16,753							
45	66	87 745	50 170,331	831 780,519	16,579	16,119							
46	67	86 814	49 025,185	781 610,187	15,943	15,483							
47	68	85 794	47 851,039	732 585,002	15,310	14,849							
48	69	84 691	46 652,606	684 733,963	14,677	14,217							
49	70	83 466	45 410,363	638 081,357	14,051	13,591							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	4 148 837,422	41,742	41,281	50	72	81 052	43 552,273	560 928,409	12,879	12,419
1	23	98 967	97 745,077	4 049 444,057	41,429	40,968	51	73	79 457	42 168,022	517 376,136	12,269	11,809
2	24	98 909	96 482,036	3 951 698,980	40,958	40,497	52	74	77 704	40 728,970	475 208,114	11,668	11,207
3	25	98 868	95 250,897	3 855 216,945	40,474	40,014	53	75	75 802	39 241,327	434 479,144	11,072	10,612
4	26	98 831	94 039,795	3 759 966,048	39,983	39,522	54	76	73 688	37 675,910	395 237,817	10,490	10,030
5	27	98 790	92 840,617	3 665 926,253	39,486	39,026	55	77	71 360	36 035,162	357 561,906	9,923	9,462
6	28	98 753	91 660,160	3 573 085,636	38,982	38,521	56	78	68 816	34 321,381	321 526,744	9,368	8,908
7	29	98 717	90 495,499	3 481 425,475	38,471	38,010	57	79	66 031	32 526,178	287 205,363	8,830	8,370
8	30	98 680	89 344,839	3 390 929,977	37,953	37,493	58	80	63 046	30 672,073	254 679,186	8,303	7,843
9	31	98 644	88 209,118	3 301 585,138	37,429	36,969	59	81	59 778	28 723,232	224 007,112	7,799	7,338
10	32	98 603	87 084,236	3 213 376,020	36,900	36,439	60	82	56 274	26 705,712	195 283,880	7,312	6,852
11	33	98 560	85 971,646	3 126 291,784	36,364	35,904	61	83	52 511	24 612,302	168 578,168	6,849	6,389
12	34	98 515	84 871,295	3 040 320,138	35,823	35,362	62	84	48 548	22 473,865	143 965,866	6,406	5,946
13	35	98 464	83 780,722	2 955 448,844	35,276	34,816	63	85	44 403	20 301,497	121 492,001	5,984	5,524
14	36	98 414	82 703,888	2 871 668,122	34,722	34,262	64	86	40 082	18 099,736	101 190,504	5,591	5,130
15	37	98 352	81 631,297	2 788 964,234	34,165	33,705	65	87	35 688	15 916,466	83 090,769	5,220	4,760
16	38	98 280	80 564,944	2 707 332,937	33,604	33,144	66	88	31 104	13 700,569	67 174,303	4,903	4,443
17	39	98 193	79 499,822	2 626 767,993	33,041	32,581	67	89	26 748	11 636,473	53 473,734	4,595	4,135
18	40	98 091	78 436,333	2 547 268,170	32,476	32,015	68	90	22 595	9 708,246	41 837,260	4,309	3,849
19	41	97 966	77 369,744	2 468 831,837	31,910	31,449	69	91	18 868	8 006,915	32 129,015	4,013	3,552
20	42	97 832	76 309,428	2 391 462,093	31,339	30,879	70	92	15 264	6 397,478	24 122,100	3,771	3,310
21	43	97 681	75 251,061	2 315 152,665	30,766	30,305	71	93	12 087	5 003,527	17 724,622	3,542	3,082
22	44	97 522	74 201,718	2 239 901,604	30,187	29,726	72	94	9 339	3 818,138	12 721,095	3,332	2,871
23	45	97 357	73 161,586	2 165 699,886	29,602	29,141	73	95	7 024	2 836,071	8 902,957	3,139	2,679
24	46	97 172	72 120,880	2 092 538,300	29,014	28,554	74	96	5 137	2 048,498	6 066,886	2,962	2,501
25	47	96 966	71 079,053	2 020 417,420	28,425	27,965	75	97	3 644	1 435,351	4 018,388	2,800	2,339
26	48	96 740	70 038,171	1 949 338,368	27,833	27,372	76	98	2 506	974,769	2 583,037	2,650	2,190
27	49	96 502	69 003,159	1 879 300,197	27,235	26,775	77	99	1 666	640,214	1 608,268	2,512	2,052
28	50	96 239	67 965,646	1 810 297,038	26,635	26,175	78	100	1 069	405,655	968,055	2,386	1,926
29	51	95 954	66 928,225	1 742 331,392	26,033	25,572							
30	52	95 654	65 894,884	1 675 403,167	25,425	24,965							
31	53	95 325	64 857,923	1 609 508,283	24,816	24,356							
32	54	94 965	63 815,190	1 544 650,360	24,205	23,745							
33	55	94 592	62 779,630	1 480 835,170	23,588	23,127							
34	56	94 183	61 736,640	1 418 055,541	22,969	22,509							
35	57	93 750	60 694,111	1 356 318,901	22,347	21,886							
36	58	93 283	59 645,784	1 295 624,789	21,722	21,262							
37	59	92 773	58 587,317	1 235 979,006	21,096	20,636							
38	60	92 238	57 530,645	1 177 391,689	20,465	20,005							
39	61	91 635	56 448,863	1 119 861,043	19,839	19,378							
40	62	91 007	55 369,914	1 063 412,181	19,206	18,745							
41	63	90 313	54 269,100	1 008 042,267	18,575	18,114							
42	64	89 577	53 162,592	953 773,167	17,941	17,480							
43	65	88 789	52 044,376	900 610,575	17,305	16,844							
44	66	87 932	50 905,792	848 566,198	16,669	16,209							
45	67	87 024	49 757,943	797 660,406	16,031	15,570							
46	68	86 031	48 582,996	747 902,463	15,394	14,934							
47	69	84 954	47 382,331	699 319,467	14,759	14,299							
48	70	83 762	46 140,936	651 937,136	14,129	13,669							
49	71	82 469	44 867,790	605 796,199	13,502	13,041							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	4 107 956,004	41,340	40,879	50	73	79 797	42 878,295	528 880,895	12,334	11,874
1	24	98 944	97 722,844	4 008 585,479	41,020	40,560	51	74	78 079	41 437,022	486 002,600	11,729	11,268
2	25	98 887	96 460,100	3 910 862,635	40,544	40,083	52	75	76 203	39 941,921	444 565,578	11,130	10,670
3	26	98 846	95 229,671	3 814 402,535	40,055	39,594	53	76	74 113	38 366,985	404 623,657	10,546	10,086
4	27	98 804	94 014,671	3 719 172,864	39,559	39,099	54	77	71 820	36 720,914	366 256,673	9,974	9,514
5	28	98 765	92 816,652	3 625 158,193	39,057	38,597	55	78	69 294	34 991,790	329 535,759	9,418	8,957
6	29	98 727	91 636,353	3 532 341,541	38,547	38,087	56	79	66 527	33 179,917	294 543,970	8,877	8,417
7	30	98 690	90 470,399	3 440 705,188	38,031	37,571	57	80	63 552	31 304,799	261 364,053	8,349	7,889
8	31	98 653	89 320,319	3 350 234,789	37,508	37,048	58	81	60 311	29 341,728	230 059,254	7,841	7,380
9	32	98 611	88 180,359	3 260 914,470	36,980	36,520	59	82	56 819	27 301,554	200 717,526	7,352	6,891
10	33	98 569	87 054,075	3 172 734,111	36,446	35,985	60	83	53 074	25 187,017	173 415,973	6,885	6,425
11	34	98 524	85 940,542	3 085 680,036	35,905	35,444	61	84	49 100	23 013,509	148 228,956	6,441	5,981
12	35	98 475	84 836,852	2 999 739,494	35,359	34,899	62	85	44 956	20 811,118	125 215,447	6,017	5,556
13	36	98 423	83 745,018	2 914 902,642	34,807	34,346	63	86	40 616	18 569,872	104 404,329	5,622	5,162
14	37	98 368	82 665,322	2 831 157,623	34,248	33,788	64	87	36 209	16 350,422	85 834,457	5,250	4,789
15	38	98 300	81 588,302	2 748 492,302	33,687	33,227	65	88	31 596	14 091,460	69 484,035	4,931	4,471
16	39	98 222	80 517,446	2 666 903,999	33,122	32,662	66	89	27 201	11 981,667	55 392,575	4,623	4,163
17	40	98 124	79 443,913	2 586 386,554	32,556	32,096	67	90	23 009	10 010,058	43 410,908	4,337	3,876
18	41	98 021	78 380,424	2 506 942,641	31,984	31,524	68	91	19 246	8 269,517	33 400,850	4,039	3,579
19	42	97 885	77 305,451	2 428 562,216	31,415	30,955	69	92	15 601	6 620,564	25 131,333	3,796	3,336
20	43	97 739	76 237,243	2 351 256,765	30,841	30,381	70	93	12 379	5 188,461	18 510,769	3,568	3,107
21	44	97 577	75 171,630	2 275 019,522	30,264	29,804	71	94	9 587	3 968,383	13 322,308	3,357	2,897
22	45	97 412	74 117,809	2 199 847,892	29,680	29,220	72	95	7 234	2 957,561	9 353,925	3,163	2,702
23	46	97 226	73 062,630	2 125 730,083	29,095	28,634	73	96	5 307	2 142,798	6 396,364	2,985	2,525
24	47	97 021	72 009,026	2 052 667,453	28,506	28,045	74	97	3 781	1 507,714	4 253,566	2,821	2,361
25	48	96 797	70 955,701	1 980 658,426	27,914	27,454	75	98	2 609	1 027,776	2 745,852	2,672	2,211
26	49	96 561	69 908,393	1 909 702,725	27,317	26,857	76	99	1 743	678,166	1 718,076	2,533	2,073
27	50	96 300	68 858,799	1 839 794,332	26,718	26,258	77	100	1 125	432,206	1 039,910	2,406	1,946
28	51	96 014	67 806,847	1 770 935,533	26,117	25,657							
29	52	95 715	66 761,521	1 703 128,686	25,511	25,050							
30	53	95 389	65 712,300	1 636 367,165	24,902	24,442							
31	54	95 036	64 660,808	1 570 654,865	24,291	23,830							
32	55	94 663	63 611,865	1 505 994,058	23,675	23,214							
33	56	94 252	62 553,778	1 442 382,193	23,058	22,598							
34	57	93 826	61 502,480	1 379 828,415	22,435	21,975							
35	58	93 363	60 443,671	1 318 325,935	21,811	21,350							
36	59	92 857	59 373,820	1 257 882,265	21,186	20,725							
37	60	92 329	58 307,366	1 198 508,445	20,555	20,095							
38	61	91 734	57 216,075	1 140 201,079	19,928	19,468							
39	62	91 114	56 127,924	1 082 985,004	19,295	18,835							
40	63	90 436	55 022,480	1 026 857,080	18,663	18,202							
41	64	89 710	53 907,199	971 834,600	18,028	17,568							
42	65	88 933	52 780,044	917 927,401	17,392	16,931							
43	66	88 102	51 641,426	865 147,356	16,753	16,293							
44	67	87 210	50 487,359	813 505,930	16,113	15,653							
45	68	86 239	49 309,145	763 018,571	15,474	15,014							
46	69	85 188	48 107,119	713 709,427	14,836	14,375							
47	70	84 022	46 862,658	665 602,308	14,203	13,743							
48	71	82 761	45 589,635	618 739,650	13,572	13,112							
49	72	81 369	44 269,120	573 150,015	12,947	12,487							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	4 066 096,544	40,928	40,467	50	74	78 414	42 134,982	496 641,184	11,787	11,327
1	25	98 922	97 700,626	3 966 748,622	40,601	40,141	51	75	76 570	40 636,290	454 506,201	11,185	10,724
2	26	98 865	96 438,605	3 869 047,995	40,119	39,659	52	76	74 505	39 051,968	413 869,911	10,598	10,138
3	27	98 819	95 204,230	3 772 609,391	39,626	39,166	53	77	72 234	37 394,471	374 817,943	10,023	9,563
4	28	98 779	93 990,403	3 677 405,161	39,125	38,665	54	78	69 740	35 657,686	337 423,472	9,463	9,002
5	29	98 739	92 792,544	3 583 414,758	38,617	38,157	55	79	66 989	33 828,029	301 765,786	8,921	8,460
6	30	98 700	91 610,937	3 490 622,213	38,103	37,642	56	80	64 029	31 933,990	267 937,757	8,390	7,930
7	31	98 663	90 445,570	3 399 011,277	37,581	37,120	57	81	60 795	29 947,010	236 003,768	7,881	7,420
8	32	98 621	89 291,198	3 308 565,707	37,054	36,593	58	82	57 326	27 889,436	206 056,757	7,388	6,928
9	33	98 577	88 149,818	3 219 274,508	36,520	36,060	59	83	53 588	25 748,974	178 167,322	6,919	6,459
10	34	98 533	87 022,580	3 131 124,690	35,981	35,520	60	84	49 626	23 550,891	152 418,348	6,472	6,011
11	35	98 484	85 905,665	3 044 102,110	35,435	34,975	61	85	45 467	21 310,836	128 867,457	6,047	5,587
12	36	98 433	84 800,698	2 958 196,445	34,884	34,424	62	86	41 121	19 036,025	107 556,621	5,650	5,190
13	37	98 377	83 705,967	2 873 395,746	34,327	33,867	63	87	36 690	16 775,120	88 520,596	5,277	4,817
14	38	98 316	82 621,782	2 789 689,780	33,765	33,304	64	88	32 057	14 475,657	71 745,476	4,956	4,496
15	39	98 242	81 540,200	2 707 067,998	33,199	32,739	65	89	27 632	12 323,516	57 269,818	4,647	4,187
16	40	98 153	80 460,821	2 625 527,798	32,631	32,171	66	90	23 399	10 307,005	44 946,302	4,361	3,900
17	41	98 054	79 387,286	2 545 066,977	32,059	31,598	67	91	19 599	8 526,602	34 639,297	4,062	3,602
18	42	97 939	78 315,292	2 465 679,691	31,484	31,024	68	92	15 914	6 837,698	26 112,695	3,819	3,359
19	43	97 792	77 232,325	2 387 364,399	30,911	30,451	69	93	12 653	5 369,388	19 274,998	3,590	3,129
20	44	97 636	76 156,771	2 310 132,074	30,334	29,874	70	94	9 818	4 115,057	13 905,610	3,379	2,919
21	45	97 467	75 086,624	2 233 975,303	29,752	29,292	71	95	7 426	3 073,942	9 790,552	3,185	2,725
22	46	97 280	74 017,560	2 158 888,679	29,167	28,707	72	96	5 466	2 234,590	6 716,611	3,006	2,545
23	47	97 075	72 949,316	2 084 871,119	28,580	28,119	73	97	3 906	1 577,120	4 482,020	2,842	2,382
24	48	96 853	71 884,061	2 011 921,803	27,988	27,528	74	98	2 707	1 079,591	2 904,900	2,691	2,230
25	49	96 618	70 824,223	1 940 037,742	27,392	26,932	75	99	1 815	715,044	1 825,309	2,553	2,092
26	50	96 359	69 762,140	1 869 213,519	26,794	26,334	76	100	1 177	457,827	1 110,266	2,425	1,965
27	51	96 075	68 697,913	1 799 451,380	26,194	25,733							
28	52	95 775	67 637,955	1 730 753,466	25,588	25,128							
29	53	95 450	66 576,536	1 663 115,512	24,981	24,520							
30	54	95 099	65 512,588	1 596 538,976	24,370	23,910							
31	55	94 733	64 454,789	1 531 026,388	23,753	23,293							
32	56	94 322	63 383,019	1 466 571,600	23,138	22,678							
33	57	93 894	62 316,518	1 403 188,581	22,517	22,057							
34	58	93 439	61 248,703	1 340 872,063	21,892	21,432							
35	59	92 938	60 168,069	1 279 623,359	21,267	20,807							
36	60	92 414	59 090,111	1 219 455,291	20,637	20,177							
37	61	91 824	57 988,549	1 160 365,180	20,010	19,550							
38	62	91 212	56 890,775	1 102 376,631	19,377	18,917							
39	63	90 542	55 775,734	1 045 485,857	18,744	18,284							
40	64	89 833	54 655,555	989 710,122	18,108	17,648							
41	65	89 065	53 519,293	935 054,567	17,471	17,011							
42	66	88 244	52 371,398	881 535,275	16,832	16,372							
43	67	87 378	51 216,946	829 163,876	16,189	15,729							
44	68	86 423	50 031,982	777 946,930	15,549	15,089							
45	69	85 394	48 826,155	727 914,949	14,908	14,448							
46	70	84 254	47 579,496	679 088,794	14,273	13,812							
47	71	83 018	46 302,733	631 509,298	13,639	13,178							
48	72	81 657	44 981,332	585 206,565	13,010	12,550							
49	73	80 110	43 584,049	540 225,232	12,395	11,935							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	4 023 274,364	40,506	40,046	50	75	76 899	41 320,763	464 306,404	11,237	10,776
1	26	98 900	97 678,855	3 923 949,029	40,172	39,712	51	76	74 864	39 730,867	422 985,641	10,646	10,186
2	27	98 838	96 412,840	3 826 270,175	39,686	39,226	52	77	72 616	38 062,091	383 254,775	10,069	9,609
3	28	98 794	95 179,655	3 729 857,334	39,188	38,727	53	78	70 143	36 311,741	345 192,683	9,506	9,046
4	29	98 753	93 965,991	3 634 677,680	38,681	38,220	54	79	67 421	34 471,779	308 880,943	8,960	8,500
5	30	98 712	92 766,807	3 540 711,689	38,168	37,707	55	80	64 474	32 557,765	274 409,164	8,428	7,968
6	31	98 673	91 585,795	3 447 944,882	37,647	37,187	56	81	61 252	30 548,911	241 851,399	7,917	7,456
7	32	98 630	90 416,082	3 356 359,087	37,121	36,661	57	82	57 786	28 464,759	211 302,488	7,423	6,963
8	33	98 587	89 260,273	3 265 943,004	36,589	36,129	58	83	54 066	26 303,424	182 837,729	6,951	6,491
9	34	98 542	88 117,927	3 176 682,732	36,050	35,590	59	84	50 107	24 076,344	156 534,304	6,502	6,041
10	35	98 493	86 987,264	3 088 564,805	35,506	35,046	60	85	45 954	21 808,459	132 457,960	6,074	5,613
11	36	98 442	85 869,056	3 001 577,541	34,955	34,495	61	86	41 589	19 493,120	110 649,501	5,676	5,216
12	37	98 387	84 761,154	2 915 708,484	34,399	33,939	62	87	37 147	17 196,220	91 156,382	5,301	4,841
13	38	98 325	83 661,879	2 830 947,330	33,838	33,378	63	88	32 483	14 851,659	73 960,162	4,980	4,520
14	39	98 258	82 573,071	2 747 285,451	33,271	32,811	64	89	28 035	12 659,512	59 108,502	4,669	4,209
15	40	98 173	81 482,856	2 664 712,381	32,703	32,242	65	90	23 770	10 601,074	46 448,991	4,382	3,921
16	41	98 083	80 403,469	2 583 229,524	32,128	31,668	66	91	19 932	8 779,542	35 847,917	4,083	3,623
17	42	97 973	79 321,317	2 502 826,056	31,553	31,093	67	92	16 206	7 050,270	27 068,375	3,839	3,379
18	43	97 847	78 241,210	2 423 504,739	30,975	30,514	68	93	12 906	5 545,487	20 018,105	3,610	3,149
19	44	97 689	77 150,802	2 345 263,529	30,398	29,938	69	94	10 035	4 258,553	14 472,618	3,398	2,938
20	45	97 525	76 070,651	2 268 112,727	29,816	29,355	70	95	7 605	3 187,557	10 214,064	3,204	2,744
21	46	97 335	74 985,065	2 192 042,076	29,233	28,773	71	96	5 611	2 322,522	7 026,507	3,025	2,565
22	47	97 130	73 902,765	2 117 057,011	28,647	28,186	72	97	4 023	1 644,680	4 703,985	2,860	2,400
23	48	96 906	72 822,719	2 043 154,246	28,057	27,596	73	98	2 797	1 129,289	3 059,305	2,709	2,249
24	49	96 674	71 750,862	1 970 331,527	27,461	27,000	74	99	1 883	751,092	1 930,017	2,570	2,109
25	50	96 416	70 676,053	1 898 580,665	26,863	26,403	75	100	1 226	482,723	1 178,924	2,442	1,982
26	51	96 133	69 599,143	1 827 904,611	26,263	25,803							
27	52	95 835	68 526,802	1 758 305,468	25,659	25,198							
28	53	95 509	67 450,541	1 689 778,667	25,052	24,592							
29	54	95 160	66 374,197	1 622 328,126	24,442	23,982							
30	55	94 796	65 303,855	1 555 953,929	23,826	23,366							
31	56	94 392	64 222,910	1 490 650,074	23,211	22,750							
32	57	93 964	63 142,614	1 426 427,164	22,591	22,130							
33	58	93 507	62 059,383	1 363 284,550	21,967	21,507							
34	59	93 013	60 969,431	1 301 225,167	21,342	20,882							
35	60	92 494	59 880,565	1 240 255,736	20,712	20,252							
36	61	91 908	58 767,013	1 180 375,171	20,086	19,625							
37	62	91 302	57 658,857	1 121 608,158	19,452	18,992							
38	63	90 640	56 533,797	1 063 949,301	18,820	18,359							
39	64	89 939	55 403,786	1 007 415,504	18,183	17,723							
40	65	89 187	54 262,264	952 011,718	17,545	17,084							
41	66	88 375	53 104,923	897 749,454	16,905	16,445							
42	67	87 519	51 940,918	844 644,531	16,262	15,801							
43	68	86 589	50 754,988	792 703,613	15,618	15,158							
44	69	85 576	49 541,911	741 948,625	14,976	14,516							
45	70	84 458	48 290,646	692 406,714	14,338	13,878							
46	71	83 247	47 011,006	644 116,067	13,701	13,241							
47	72	81 910	45 684,916	597 105,061	13,070	12,610							
48	73	80 393	44 285,240	551 420,145	12,452	11,991							
49	74	78 721	42 828,501	507 134,906	11,841	11,381							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	50 078,973	1 103 644,290	22,038	21,578
1	0	99 594	98 364,256	4 679 777,963	47,576	47,116	51	50	92 606	49 146,388	1 053 565,317	21,437	20,977
2	1	99 240	96 804,572	4 581 413,708	47,326	46,866	52	51	91 946	48 193,736	1 004 418,929	20,841	20,381
3	2	99 192	95 563,871	4 484 609,136	46,928	46,467	53	52	91 234	47 230,469	956 225,192	20,246	19,786
4	3	99 162	94 354,605	4 389 045,265	46,516	46,056	54	53	90 460	46 251,233	908 994,723	19,653	19,193
5	4	99 133	93 162,945	4 294 690,660	46,099	45,638	55	54	89 607	45 249,564	862 743,491	19,066	18,606
6	5	99 110	91 991,113	4 201 527,715	45,673	45,213	56	55	88 705	44 241,217	817 493,926	18,478	18,018
7	6	99 090	90 837,624	4 109 536,603	45,240	44,780	57	56	87 728	43 213,515	773 252,709	17,894	17,433
8	7	99 073	89 700,302	4 018 698,979	44,801	44,341	58	57	86 699	42 179,502	730 039,194	17,308	16,848
9	8	99 055	88 576,973	3 928 998,677	44,357	43,896	59	58	85 578	41 120,023	687 859,693	16,728	16,268
10	9	99 040	87 470,487	3 840 421,704	43,905	43,445	60	59	84 370	40 039,200	646 739,670	16,153	15,692
11	10	99 025	86 377,396	3 752 951,217	43,448	42,988	61	60	83 076	38 938,634	606 700,470	15,581	15,121
12	11	99 008	85 295,841	3 666 573,821	42,987	42,526	62	61	81 693	37 817,642	567 761,835	15,013	14,553
13	12	98 989	84 227,307	3 581 277,979	42,519	42,059	63	62	80 230	36 681,821	529 944,193	14,447	13,987
14	13	98 973	83 173,805	3 497 050,672	42,045	41,585	64	63	78 680	35 528,798	493 262,373	13,883	13,423
15	14	98 947	82 125,341	3 413 876,868	41,569	41,109	65	64	77 032	34 355,190	457 733,575	13,324	12,863
16	15	98 915	81 085,207	3 331 751,527	41,090	40,629	66	65	75 285	33 161,836	423 378,385	12,767	12,307
17	16	98 872	80 049,555	3 250 666,320	40,608	40,148	67	66	73 457	31 957,081	390 216,549	12,211	11,750
18	17	98 823	79 021,588	3 170 616,764	40,123	39,663	68	67	71 540	30 738,786	358 259,468	11,655	11,195
19	18	98 750	77 988,948	3 091 595,176	39,641	39,181	69	68	69 501	29 494,215	327 520,682	11,105	10,644
20	19	98 675	76 967,302	3 013 606,228	39,154	38,694	70	69	67 333	28 221,214	298 026,466	10,560	10,100
21	20	98 595	75 955,338	2 936 638,926	38,663	38,202	71	70	65 024	26 916,827	269 805,252	10,024	9,563
22	21	98 518	74 959,495	2 860 683,588	38,163	37,703	72	71	62 587	25 588,311	242 888,426	9,492	9,032
23	22	98 442	73 976,420	2 785 724,093	37,657	37,197	73	72	59 955	24 209,802	217 300,115	8,976	8,515
24	23	98 365	73 006,111	2 711 747,673	37,144	36,684	74	73	57 135	22 786,213	193 090,313	8,474	8,014
25	24	98 286	72 046,869	2 638 741,562	36,625	36,165	75	74	54 118	21 316,536	170 304,101	7,989	7,529
26	25	98 205	71 099,061	2 566 694,693	36,100	35,640	76	75	50 964	19 826,464	148 987,565	7,515	7,054
27	26	98 123	70 162,770	2 495 595,632	35,569	35,108	77	76	47 628	18 299,888	129 161,101	7,058	6,598
28	27	98 035	69 234,202	2 425 432,862	35,032	34,572	78	77	44 114	16 740,360	110 861,213	6,622	6,162
29	28	97 949	68 319,445	2 356 198,660	34,488	34,028	79	78	40 454	15 161,747	94 120,853	6,208	5,747
30	29	97 861	67 415,069	2 287 879,215	33,937	33,477	80	79	36 739	13 599,501	78 959,106	5,806	5,346
31	30	97 768	66 520,099	2 220 464,146	33,380	32,920	81	80	32 958	12 049,428	65 359,605	5,424	4,964
32	31	97 669	65 632,148	2 153 944,047	32,818	32,358	82	81	29 168	10 532,201	53 310,178	5,062	4,601
33	32	97 564	64 752,363	2 088 311,900	32,251	31,790	83	82	25 442	9 073,174	42 777,976	4,715	4,254
34	33	97 460	63 884,372	2 023 559,536	31,675	31,215	84	83	21 828	7 688,418	33 704,802	4,384	3,923
35	34	97 346	63 021,888	1 959 675,164	31,095	30,635	85	84	18 364	6 388,220	26 016,384	4,073	3,612
36	35	97 222	62 164,729	1 896 653,276	30,510	30,050	86	85	15 087	5 183,523	19 628,164	3,787	3,326
37	36	97 092	61 315,115	1 834 488,547	29,919	29,459	87	86	12 066	4 094,546	14 444,640	3,528	3,067
38	37	96 951	60 470,116	1 773 173,432	29,323	28,863	88	87	9 354	3 134,838	10 350,094	3,302	2,841
39	38	96 796	59 627,848	1 712 703,315	28,723	28,263	89	88	7 032	2 327,651	7 215,256	3,100	2,639
40	39	96 625	58 787,891	1 653 075,467	28,119	27,659	90	89	5 139	1 680,091	4 887,605	2,909	2,449
41	40	96 425	57 942,177	1 594 287,576	27,515	27,055	91	90	3 670	1 185,014	3 207,514	2,707	2,246
42	41	96 213	57 101,106	1 536 345,399	26,906	26,445	92	91	2 519	803,324	2 022,500	2,518	2,057
43	42	95 978	56 258,421	1 479 244,293	26,294	25,833	93	92	1 630	513,516	1 219,176	2,374	1,914
44	43	95 703	55 404,558	1 422 985,872	25,684	25,223	94	93	1 013	314,997	705,660	2,240	1,780
45	44	95 399	54 546,464	1 367 581,314	25,072	24,611	95	94	600	184,339	390,663	2,119	1,659
46	45	95 061	53 682,414	1 313 034,850	24,459	23,999	96	95	338	102,644	206,324	2,010	1,550
47	46	94 671	52 802,114	1 259 352,435	23,850	23,390	97	96	181	54,240	103,680	1,912	1,451
48	47	94 232	51 908,289	1 206 550,322	23,244	22,783	98	97	92	27,128	49,440	1,823	1,362
49	48	93 736	50 997,743	1 154 642,032	22,641	22,181	99	98	44	12,808	22,313	1,742	1,282
							100	99	20	5,693	9,505	1,669	1,209

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	50 171,939	1 115 962,896	22,243	21,782
1							51	49	92 800	49 249,422	1 065 790,957	21,641	21,180
2	0	99 558	97 115,303	4 595 190,657	47,317	46,856	52	50	92 161	48 306,603	1 016 541,535	21,044	20,583
3	1	99 221	95 591,050	4 498 075,353	47,055	46,595	53	51	91 462	47 348,404	968 234,932	20,449	19,989
4	2	99 178	94 369,819	4 402 484,303	46,651	46,191	54	52	90 711	46 379,744	920 886,529	19,855	19,395
5	3	99 147	93 176,305	4 308 114,484	46,236	45,776	55	53	89 880	45 387,505	874 506,785	19,268	18,807
6	4	99 122	92 002,139	4 214 938,179	45,813	45,353	56	54	88 989	44 382,627	829 119,280	18,681	18,221
7	5	99 099	90 845,841	4 122 936,040	45,384	44,923	57	55	88 044	43 369,539	784 736,653	18,094	17,634
8	6	99 081	89 707,495	4 032 090,199	44,947	44,487	58	56	87 029	42 340,093	741 367,115	17,510	17,049
9	7	99 063	88 584,374	3 942 382,704	44,504	44,044	59	57	85 932	41 290,399	699 027,022	16,930	16,469
10	8	99 046	87 475,920	3 853 798,330	44,056	43,595	60	58	84 756	40 222,601	657 736,623	16,352	15,892
11	9	99 031	86 382,880	3 766 322,410	43,600	43,140	61	59	83 475	39 125,590	617 514,022	15,783	15,322
12	10	99 016	85 302,713	3 679 939,530	43,140	42,679	62	60	82 142	38 025,561	578 388,432	15,211	14,750
13	11	98 997	84 233,997	3 594 636,817	42,674	42,214	63	61	80 689	36 891,566	540 362,871	14,647	14,187
14	12	98 981	83 180,181	3 510 402,820	42,202	41,742	64	62	79 176	35 753,141	503 471,305	14,082	13,621
15	13	98 957	82 133,420	3 427 222,639	41,728	41,267	65	63	77 549	34 585,830	467 718,164	13,523	13,063
16	14	98 927	81 095,246	3 345 089,219	41,249	40,789	66	64	75 831	33 402,192	433 132,333	12,967	12,507
17	15	98 886	80 060,408	3 263 993,972	40,769	40,309	67	65	74 030	32 206,437	399 730,142	12,411	11,951
18	16	98 839	79 034,294	3 183 933,564	40,285	39,825	68	66	72 133	30 993,546	367 523,704	11,858	11,398
19	17	98 768	78 002,640	3 104 899,270	39,805	39,345	69	67	70 134	29 762,664	336 530,159	11,307	10,847
20	18	98 697	76 984,118	3 026 896,629	39,318	38,858	70	68	67 999	28 500,379	306 767,495	10,764	10,303
21	19	98 616	75 971,676	2 949 912,511	38,829	38,369	71	69	65 745	27 215,315	278 267,115	10,225	9,764
22	20	98 539	74 975,314	2 873 940,835	38,332	37,871	72	70	63 344	25 897,742	251 051,801	9,694	9,234
23	21	98 463	73 992,413	2 798 965,521	37,828	37,367	73	71	60 766	24 537,201	225 154,058	9,176	8,716
24	22	98 387	73 022,891	2 724 973,108	37,317	36,856	74	72	58 033	23 144,375	200 616,857	8,668	8,208
25	23	98 308	72 063,260	2 651 950,216	36,800	36,340	75	73	55 073	21 692,585	177 472,482	8,181	7,721
26	24	98 228	71 115,229	2 579 886,956	36,278	35,817	76	74	51 969	20 217,142	155 779,896	7,705	7,245
27	25	98 145	70 178,409	2 508 771,727	35,748	35,288	77	75	48 714	18 716,923	135 562,755	7,243	6,782
28	26	98 061	69 252,703	2 438 593,318	35,213	34,753	78	76	45 261	17 175,725	116 845,832	6,803	6,343
29	27	97 974	68 337,085	2 369 340,615	34,671	34,211	79	77	41 660	15 613,834	99 670,107	6,383	5,923
30	28	97 886	67 432,584	2 301 003,530	34,123	33,663	80	78	38 003	14 067,354	84 056,273	5,975	5,515
31	29	97 796	66 538,554	2 233 570,947	33,568	33,108	81	79	34 244	12 519,544	69 988,919	5,590	5,130
32	30	97 696	65 650,165	2 167 032,393	33,009	32,548	82	80	30 491	11 009,729	57 469,374	5,220	4,759
33	31	97 596	64 773,481	2 101 382,228	32,442	31,982	83	81	26 767	9 545,643	46 459,646	4,867	4,407
34	32	97 494	63 906,506	2 036 608,747	31,869	31,408	84	82	23 144	8 152,005	36 914,002	4,528	4,068
35	33	97 381	63 044,697	1 972 702,241	31,291	30,830	85	83	19 639	6 832,022	28 761,997	4,210	3,749
36	34	97 262	62 189,967	1 909 657,544	30,707	30,246	86	84	16 292	5 597,671	21 929,975	3,918	3,457
37	35	97 133	61 341,256	1 847 467,577	30,118	29,657	87	85	13 191	4 476,359	16 332,304	3,649	3,188
38	36	96 996	60 498,328	1 786 126,320	29,524	29,063	88	86	10 354	3 470,231	11 855,945	3,416	2,956
39	37	96 847	59 659,271	1 725 627,993	28,925	28,464	89	87	7 943	2 629,109	8 385,714	3,190	2,729
40	38	96 682	58 822,571	1 665 968,722	28,322	27,862	90	88	5 876	1 921,119	5 756,605	2,996	2,536
41	39	96 493	57 982,954	1 607 146,151	27,718	27,257	91	89	4 266	1 377,553	3 835,486	2,784	2,324
42	40	96 282	57 141,836	1 549 163,197	27,111	26,650	92	90	2 957	943,086	2 457,933	2,606	2,146
43	41	96 058	56 305,209	1 492 021,361	26,499	26,038	93	91	1 972	621,046	1 514,847	2,439	1,979
44	42	95 794	55 457,018	1 435 716,151	25,889	25,428	94	92	1 249	388,398	893,801	2,301	1,841
45	43	95 500	54 604,101	1 380 259,134	25,278	24,817	95	93	756	232,423	505,403	2,174	1,714
46	44	95 169	53 743,188	1 325 655,032	24,666	24,206	96	94	437	132,511	272,980	2,060	1,600
47	45	94 799	52 873,629	1 271 911,844	24,056	23,595	97	95	240	71,788	140,469	1,957	1,496
48	46	94 378	51 988,920	1 219 038,215	23,448	22,988	98	96	125	36,858	68,681	1,863	1,403
49	47	93 899	51 086,399	1 167 049,295	22,845	22,384	99	97	61	17,887	31,823	1,779	1,319
							100	98	28	8,183	13,936	1,703	1,243



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	50 259,160	1 127 392,624	22,432	21,971
1							51	48	92 972	49 340,848	1 077 133,464	21,830	21,370
2							52	49	92 354	48 407,876	1 027 792,616	21,232	20,772
3	0	99 539	95 897,887	4 510 856,286	47,038	46,578	53	50	91 676	47 459,290	979 384,740	20,636	20,176
4	1	99 206	94 396,659	4 414 958,399	46,770	46,310	54	51	90 938	46 495,554	931 925,450	20,043	19,583
5	2	99 163	93 191,329	4 320 561,740	46,362	45,902	55	52	90 130	45 513,616	885 429,895	19,454	18,994
6	3	99 136	92 015,333	4 227 370,411	45,942	45,482	56	53	89 260	44 517,925	839 916,279	18,867	18,407
7	4	99 111	90 856,730	4 135 355,079	45,515	45,055	57	54	88 326	43 508,162	795 398,354	18,282	17,821
8	5	99 090	89 715,610	4 044 498,348	45,081	44,621	58	55	87 343	42 492,963	751 890,192	17,694	17,234
9	6	99 071	88 591,477	3 954 782,738	44,641	44,180	59	56	86 259	41 447,605	709 397,229	17,116	16,655
10	7	99 055	87 483,229	3 866 191,261	44,194	43,733	60	57	85 107	40 389,258	667 949,625	16,538	16,077
11	8	99 038	86 388,246	3 778 708,032	43,741	43,281	61	58	83 858	39 304,806	627 560,366	15,967	15,506
12	9	99 022	85 308,129	3 692 319,786	43,282	42,822	62	59	82 537	38 208,133	588 255,560	15,396	14,936
13	10	99 005	84 240,784	3 607 011,657	42,818	42,357	63	60	81 133	37 094,394	550 047,427	14,828	14,368
14	11	98 989	83 186,788	3 522 770,874	42,348	41,887	64	61	79 629	35 957,577	512 953,033	14,266	13,805
15	12	98 964	82 139,716	3 439 584,086	41,875	41,414	65	62	78 039	34 804,219	476 995,457	13,705	13,245
16	13	98 937	81 103,225	3 357 444,370	41,397	40,937	66	63	76 340	33 626,434	442 191,237	13,150	12,690
17	14	98 898	80 070,321	3 276 341,145	40,918	40,458	67	64	74 567	32 439,869	408 564,803	12,595	12,134
18	15	98 852	79 045,010	3 196 270,824	40,436	39,976	68	65	72 696	31 235,383	376 124,935	12,042	11,581
19	16	98 784	78 015,182	3 117 225,815	39,957	39,496	69	66	70 715	30 009,333	344 889,551	11,493	11,032
20	17	98 714	76 997,634	3 039 210,632	39,471	39,011	70	67	68 618	28 759,782	314 880,218	10,949	10,488
21	18	98 638	75 988,275	2 962 212,998	38,983	38,522	71	68	66 395	27 484,530	286 120,436	10,410	9,950
22	19	98 560	74 991,441	2 886 224,723	38,487	38,027	72	69	64 046	26 184,930	258 635,906	9,877	9,417
23	20	98 484	74 008,028	2 811 233,282	37,986	37,525	73	70	61 501	24 833,922	232 450,976	9,360	8,900
24	21	98 409	73 038,678	2 737 225,254	37,476	37,016	74	71	58 818	23 457,367	207 617,054	8,851	8,390
25	22	98 331	72 079,824	2 664 186,576	36,962	36,501	75	72	55 939	22 033,558	184 159,687	8,358	7,898
26	23	98 250	71 131,408	2 592 106,752	36,441	35,981	76	73	52 886	20 573,797	162 126,129	7,880	7,420
27	24	98 168	70 194,368	2 520 975,344	35,914	35,454	77	74	49 674	19 085,737	141 552,332	7,417	6,956
28	25	98 083	69 268,139	2 450 780,976	35,381	34,921	78	75	46 293	17 567,141	122 466,596	6,971	6,511
29	26	98 001	68 355,346	2 381 512,837	34,840	34,380	79	76	42 743	16 019,901	104 899,454	6,548	6,088
30	27	97 911	67 449,995	2 313 157,490	34,294	33,834	80	77	39 136	14 486,809	88 879,553	6,135	5,675
31	28	97 821	66 555,841	2 245 707,496	33,742	33,281	81	78	35 422	12 950,245	74 392,744	5,745	5,284
32	29	97 723	65 668,379	2 179 151,655	33,184	32,724	82	79	31 680	11 439,281	61 442,499	5,371	4,911
33	30	97 623	64 791,263	2 113 483,276	32,620	32,159	83	80	27 980	9 978,440	50 003,218	5,011	4,551
34	31	97 525	63 927,348	2 048 692,014	32,047	31,587	84	81	24 350	8 576,506	40 024,778	4,667	4,206
35	32	97 415	63 066,540	1 984 764,666	31,471	31,011	85	82	20 824	7 243,971	31 448,272	4,341	3,881
36	33	97 297	62 212,475	1 921 698,126	30,889	30,429	86	83	17 424	5 986,552	24 204,301	4,043	3,583
37	34	97 173	61 366,160	1 859 485,651	30,301	29,841	87	84	14 245	4 834,007	18 217,748	3,769	3,308
38	35	97 038	60 524,120	1 798 119,491	29,709	29,249	88	85	11 320	3 793,827	13 383,742	3,528	3,067
39	36	96 892	59 687,104	1 737 595,371	29,112	28,651	89	86	8 792	2 910,394	9 589,915	3,295	2,835
40	37	96 733	58 853,569	1 677 908,267	28,510	28,049	90	87	6 637	2 169,926	6 679,520	3,078	2,618
41	38	96 550	58 017,159	1 619 054,698	27,906	27,446	91	88	4 878	1 575,178	4 509,595	2,863	2,403
42	39	96 350	57 182,050	1 561 037,539	27,299	26,839	92	89	3 438	1 096,317	2 934,416	2,677	2,216
43	40	96 127	56 345,372	1 503 855,488	26,690	26,230	93	90	2 315	729,096	1 838,100	2,521	2,061
44	41	95 874	55 503,140	1 447 510,116	26,080	25,619	94	91	1 510	469,729	1 109,004	2,361	1,901
45	42	95 590	54 655,803	1 392 006,977	25,469	25,008	95	92	933	286,582	639,275	2,231	1,770
46	43	95 269	53 799,977	1 337 351,174	24,858	24,397	96	93	551	167,076	352,693	2,111	1,651
47	44	94 907	52 933,487	1 283 551,197	24,248	23,788	97	94	309	92,677	185,616	2,003	1,542
48	45	94 506	52 059,334	1 230 617,710	23,639	23,178	98	95	165	48,783	92,940	1,905	1,445
49	46	94 045	51 165,752	1 178 558,376	23,034	22,574	99	96	83	24,303	44,157	1,817	1,357
							100	97	40	11,429	19,854	1,737	1,277

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	50 337,229	1 137 972,749	22,607	22,147
1							51	47	93 134	49 426,624	1 087 635,520	22,005	21,545
2							52	48	92 526	48 497,740	1 038 208,896	21,407	20,947
3							53	49	91 869	47 558,787	989 711,156	20,810	20,350
4	0	99 524	94 699,661	4 426 793,276	46,746	46,285	54	50	91 150	46 604,444	942 152,369	20,216	19,756
5	1	99 191	93 217,834	4 332 093,615	46,473	46,012	55	51	90 355	45 627,264	895 547,925	19,627	19,167
6	2	99 152	92 030,169	4 238 875,781	46,060	45,599	56	52	89 508	44 641,620	849 920,662	19,039	18,578
7	3	99 125	90 869,760	4 146 845,611	45,635	45,175	57	53	88 595	43 640,795	805 279,042	18,452	17,992
8	4	99 102	89 726,364	4 055 975,851	45,204	44,743	58	54	87 622	42 628,785	761 638,247	17,867	17,406
9	5	99 080	88 599,491	3 966 249,488	44,766	44,306	59	55	86 571	41 597,252	719 009,463	17,285	16,825
10	6	99 063	87 490,244	3 877 649,996	44,321	43,861	60	56	85 432	40 543,034	677 412,210	16,708	16,248
11	7	99 046	86 395,463	3 790 159,752	43,870	43,410	61	57	84 205	39 467,661	636 869,177	16,136	15,676
12	8	99 028	85 313,428	3 703 764,289	43,414	42,953	62	58	82 915	38 383,146	597 401,516	15,564	15,104
13	9	99 011	84 246,132	3 618 450,861	42,951	42,491	63	59	81 522	37 272,495	559 018,370	14,998	14,538
14	10	98 996	83 193,490	3 534 204,729	42,482	42,021	64	60	80 067	36 155,269	521 745,875	14,431	13,970
15	11	98 972	82 146,241	3 451 011,240	42,011	41,550	65	61	78 485	35 003,229	485 590,605	13,873	13,412
16	12	98 945	81 109,442	3 368 864,999	41,535	41,074	66	62	76 822	33 838,765	450 587,376	13,316	12,855
17	13	98 908	80 078,198	3 287 755,557	41,057	40,596	67	63	75 068	32 657,651	416 748,611	12,761	12,301
18	14	98 864	79 054,796	3 207 677,359	40,575	40,115	68	64	73 223	31 461,777	384 090,961	12,208	11,748
19	15	98 797	78 025,760	3 128 622,563	40,097	39,637	69	65	71 267	30 243,491	352 629,184	11,660	11,199
20	16	98 730	77 010,015	3 050 596,803	39,613	39,153	70	66	69 187	28 998,140	322 385,693	11,117	10,657
21	17	98 655	76 001,616	2 973 586,789	39,125	38,665	71	67	66 999	27 734,686	293 387,553	10,578	10,118
22	18	98 582	75 007,826	2 897 585,173	38,630	38,170	72	68	64 680	26 443,952	265 652,867	10,046	9,585
23	19	98 505	74 023,947	2 822 577,347	38,131	37,670	73	69	62 183	25 109,313	239 208,915	9,527	9,066
24	20	98 430	73 054,092	2 748 553,399	37,624	37,163	74	70	59 529	23 741,030	214 099,602	9,018	8,558
25	21	98 352	72 095,407	2 675 499,308	37,111	36,650	75	71	56 695	22 331,527	190 358,572	8,524	8,064
26	22	98 273	71 147,758	2 603 403,901	36,592	36,131	76	72	53 717	20 897,184	168 027,045	8,041	7,580
27	23	98 190	70 210,338	2 532 256,143	36,067	35,606	77	73	50 550	19 422,433	147 129,861	7,575	7,115
28	24	98 105	69 283,891	2 462 045,805	35,536	35,075	78	74	47 205	17 913,299	127 707,429	7,129	6,669
29	25	98 022	68 370,582	2 392 761,914	34,997	34,537	79	75	43 717	16 384,978	109 794,129	6,701	6,241
30	26	97 937	67 468,019	2 324 391,332	34,452	33,991	80	76	40 154	14 863,566	93 409,152	6,284	5,824
31	27	97 846	66 573,025	2 256 923,313	33,901	33,441	81	77	36 478	13 336,391	78 545,585	5,890	5,429
32	28	97 749	65 685,439	2 190 350,287	33,346	32,886	82	78	32 770	11 832,818	65 209,195	5,511	5,050
33	29	97 650	64 809,238	2 124 664,848	32,783	32,323	83	79	29 072	10 367,756	53 376,377	5,148	4,688
34	30	97 552	63 944,897	2 059 855,610	32,213	31,753	84	80	25 454	8 965,362	43 008,621	4,797	4,337
35	31	97 447	63 087,108	1 995 910,713	31,637	31,177	85	81	21 908	7 621,188	34 043,259	4,467	4,007
36	32	97 331	62 234,029	1 932 823,605	31,057	30,597	86	82	18 475	6 347,522	26 422,071	4,163	3,702
37	33	97 208	61 388,370	1 870 589,576	30,471	30,011	87	83	15 235	5 169,835	20 074,549	3,883	3,423
38	34	97 077	60 548,692	1 809 201,206	29,880	29,420	88	84	12 224	4 096,943	14 904,714	3,638	3,178
39	35	96 933	59 712,551	1 748 652,514	29,285	28,824	89	85	9 612	3 181,786	10 807,772	3,397	2,936
40	36	96 778	58 881,026	1 688 939,963	28,684	28,224	90	86	7 348	2 402,084	7 625,985	3,175	2,714
41	37	96 601	58 047,733	1 630 058,937	28,081	27,621	91	87	5 510	1 779,182	5 223,902	2,936	2,476
42	38	96 407	57 215,783	1 572 011,204	27,475	27,015	92	88	3 931	1 253,595	3 444,720	2,748	2,287
43	39	96 194	56 385,025	1 514 795,421	26,865	26,405	93	89	2 691	847,558	2 191,125	2,585	2,125
44	40	95 942	55 542,730	1 458 410,396	26,257	25,797	94	90	1 773	551,453	1 343,567	2,436	1,976
45	41	95 670	54 701,259	1 402 867,666	25,646	25,186	95	91	1 128	346,593	792,114	2,285	1,825
46	42	95 360	53 850,917	1 348 166,407	25,035	24,575	96	92	679	206,009	445,521	2,163	1,702
47	43	95 007	52 989,420	1 294 315,490	24,426	23,966	97	93	390	116,851	239,513	2,050	1,589
48	44	94 613	52 118,270	1 241 326,070	23,817	23,357	98	94	213	62,977	122,662	1,948	1,487
49	45	94 172	51 235,051	1 189 207,800	23,211	22,750	99	95	110	32,166	59,684	1,856	1,395
							100	96	54	15,528	27,519	1,772	1,312

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	50 405,405	1 147 743,828	22,770	22,310
1							51	46	93 279	49 503,400	1 097 338,423	22,167	21,707
2							52	47	92 687	48 582,050	1 047 835,023	21,568	21,108
3							53	48	92 039	47 647,075	999 252,973	20,972	20,512
4							54	49	91 342	46 702,148	951 605,898	20,376	19,916
5	0	99 510	93 517,053	4 343 034,255	46,441	45,981	55	50	90 566	45 734,120	904 903,750	19,786	19,326
6	1	99 180	92 056,344	4 249 517,203	46,162	45,702	56	51	89 731	44 753,090	859 169,630	19,198	18,738
7	2	99 141	90 884,412	4 157 460,859	45,744	45,284	57	52	88 841	43 762,052	814 416,540	18,610	18,150
8	3	99 116	89 739,231	4 066 576,447	45,315	44,855	58	53	87 889	42 758,736	770 654,488	18,023	17,563
9	4	99 092	88 610,111	3 976 837,216	44,880	44,420	59	54	86 848	41 730,211	727 895,751	17,443	16,983
10	5	99 072	87 498,159	3 888 227,105	44,438	43,977	60	55	85 740	40 689,415	686 165,540	16,863	16,403
11	6	99 054	86 402,391	3 800 728,946	43,989	43,528	61	56	84 526	39 617,927	645 476,125	16,293	15,832
12	7	99 036	85 320,556	3 714 326,555	43,534	43,073	62	57	83 258	38 542,182	605 858,198	15,719	15,259
13	8	99 018	84 251,365	3 629 005,999	43,074	42,613	63	58	81 896	37 443,223	567 316,016	15,151	14,691
14	9	99 003	83 198,771	3 544 754,634	42,606	42,145	64	59	80 451	36 328,861	529 872,793	14,585	14,125
15	10	98 980	82 152,859	3 461 555,863	42,136	41,675	65	60	78 916	35 195,674	493 543,931	14,023	13,562
16	11	98 952	81 115,884	3 379 403,004	41,661	41,201	66	61	77 261	34 032,254	458 348,257	13,468	13,008
17	12	98 915	80 084,337	3 298 287,120	41,185	40,725	67	62	75 542	32 863,864	424 316,003	12,911	12,451
18	13	98 874	79 062,574	3 218 202,783	40,705	40,244	68	63	73 714	31 672,992	391 452,138	12,359	11,899
19	14	98 809	78 035,420	3 139 140,209	40,227	39,767	69	64	71 784	30 462,695	359 779,146	11,810	11,350
20	15	98 743	77 020,456	3 061 104,789	39,744	39,284	70	65	69 727	29 224,408	329 316,451	11,269	10,808
21	16	98 671	76 013,836	2 984 084,334	39,257	38,797	71	66	67 555	27 964,548	300 092,403	10,731	10,271
22	17	98 599	75 020,995	2 908 070,498	38,763	38,303	72	67	65 268	26 684,638	272 127,495	10,198	9,738
23	18	98 526	74 040,121	2 833 049,503	38,264	37,803	73	68	62 798	25 357,695	245 442,857	9,679	9,219
24	19	98 451	73 069,806	2 759 009,382	37,759	37,298	74	69	60 190	24 004,301	220 085,162	9,169	8,708
25	20	98 373	72 110,621	2 685 939,576	37,247	36,787	75	70	57 381	22 601,576	196 080,861	8,676	8,215
26	21	98 294	71 163,139	2 613 828,955	36,730	36,270	76	71	54 443	21 179,786	173 479,286	8,191	7,730
27	22	98 212	70 226,475	2 542 665,816	36,207	35,746	77	72	51 345	19 727,722	152 299,500	7,720	7,260
28	23	98 128	69 299,654	2 472 439,340	35,678	35,217	78	73	48 038	18 229,312	132 571,778	7,272	6,812
29	24	98 045	68 386,130	2 403 139,687	35,141	34,680	79	74	44 579	16 707,841	114 342,467	6,844	6,383
30	25	97 959	67 483,058	2 334 753,557	34,598	34,137	80	75	41 069	15 202,291	97 634,625	6,422	5,962
31	26	97 872	66 590,815	2 267 270,499	34,048	33,587	81	76	37 427	13 683,229	82 432,334	6,024	5,564
32	27	97 774	65 702,399	2 200 679,684	33,495	33,034	82	77	33 747	12 185,644	68 749,106	5,642	5,181
33	28	97 676	64 826,076	2 134 977,284	32,934	32,474	83	78	30 072	10 724,430	56 563,461	5,274	4,814
34	29	97 579	63 962,638	2 070 151,209	32,365	31,905	84	79	26 447	9 315,152	45 839,031	4,921	4,461
35	30	97 473	63 104,426	2 006 188,571	31,792	31,331	85	80	22 901	7 966,730	36 523,879	4,585	4,124
36	31	97 362	62 254,326	1 943 084,145	31,212	30,752	86	81	19 437	6 678,058	28 557,149	4,276	3,816
37	32	97 242	61 409,639	1 880 829,819	30,628	30,167	87	82	16 154	5 481,559	21 879,091	3,991	3,531
38	33	97 112	60 570,606	1 819 420,180	30,038	29,578	88	83	13 074	4 381,565	16 397,532	3,742	3,282
39	34	96 972	59 736,793	1 758 849,574	29,443	28,983	89	84	10 380	3 436,001	12 015,967	3,497	3,037
40	35	96 819	58 906,130	1 699 112,781	28,844	28,384	90	85	8 033	2 626,076	8 579,965	3,267	2,807
41	36	96 646	58 074,814	1 640 206,651	28,243	27,783	91	86	6 100	1 969,535	5 953,889	3,023	2,563
42	37	96 457	57 245,934	1 582 131,837	27,637	27,177	92	87	4 440	1 415,950	3 984,355	2,814	2,354
43	38	96 251	56 418,288	1 524 885,903	27,028	26,568	93	88	3 077	969,149	2 568,404	2,650	2,190
44	39	96 009	55 581,819	1 468 467,615	26,420	25,960	94	89	2 061	641,052	1 599,255	2,495	2,034
45	40	95 738	54 740,277	1 412 885,797	25,811	25,350	95	90	1 324	406,893	958,204	2,355	1,895
46	41	95 439	53 895,703	1 358 145,519	25,200	24,739	96	91	821	249,147	551,311	2,213	1,752
47	42	95 097	53 039,592	1 304 249,816	24,590	24,130	97	92	481	144,080	302,164	2,097	1,637
48	43	94 713	52 173,342	1 251 210,224	23,982	23,521	98	93	268	79,405	158,084	1,991	1,530
49	44	94 279	51 293,055	1 199 036,882	23,376	22,916	99	94	142	41,525	78,679	1,895	1,434
							100	95	71	20,552	37,154	1,808	1,347

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	50 462,469	1 156 746,732	22,923	22,463
1							51	45	93 405	49 570,447	1 106 284,262	22,317	21,857
2							52	46	92 831	48 657,514	1 056 713,815	21,717	21,257
3							53	47	92 199	47 729,906	1 008 056,301	21,120	20,660
4							54	48	91 511	46 788,846	960 326,395	20,525	20,064
5							55	49	90 756	45 829,999	913 537,549	19,933	19,473
6	0	99 498	92 351,834	4 259 616,804	46,124	45,663	56	50	89 942	44 857,899	867 707,550	19,343	18,883
7	1	99 170	90 910,261	4 167 264,970	45,839	45,379	57	51	89 063	43 871,326	822 849,651	18,756	18,296
8	2	99 132	89 753,701	4 076 354,709	45,417	44,957	58	52	88 134	42 877,543	778 978,325	18,168	17,707
9	3	99 106	88 622,818	3 986 601,009	44,984	44,524	59	53	87 112	41 857,424	736 100,772	17,586	17,126
10	4	99 083	87 508,646	3 897 978,190	44,544	44,084	60	54	86 014	40 819,472	694 243,358	17,008	16,547
11	5	99 063	86 410,207	3 810 469,544	44,097	43,637	61	55	84 831	39 760,969	653 423,886	16,434	15,973
12	6	99 044	85 327,397	3 724 059,336	43,644	43,184	62	56	83 575	38 688,925	613 662,917	15,861	15,401
13	7	99 026	84 258,404	3 638 731,939	43,185	42,725	63	57	82 235	37 598,364	574 973,992	15,293	14,832
14	8	99 009	83 203,939	3 554 473,535	42,720	42,260	64	58	80 820	36 495,267	537 375,628	14,725	14,264
15	9	98 986	82 158,075	3 471 269,595	42,251	41,791	65	59	79 295	35 364,659	500 880,361	14,163	13,703
16	10	98 960	81 122,420	3 389 111,521	41,778	41,317	66	60	77 686	34 219,362	465 515,702	13,604	13,143
17	11	98 923	80 090,698	3 307 989,101	41,303	40,843	67	61	75 973	33 051,779	431 296,340	13,049	12,589
18	12	98 881	79 068,634	3 227 898,404	40,824	40,364	68	62	74 180	31 872,988	398 244,561	12,495	12,034
19	13	98 819	78 043,097	3 148 829,769	40,347	39,887	69	63	72 266	30 667,204	366 371,573	11,947	11,486
20	14	98 755	77 029,991	3 070 786,672	39,865	39,404	70	64	70 232	29 436,225	335 704,369	11,404	10,944
21	15	98 684	76 024,142	2 993 756,680	39,379	38,919	71	65	68 082	28 182,751	306 268,144	10,867	10,407
22	16	98 615	75 033,057	2 917 732,538	38,886	38,426	72	66	65 809	26 905,797	278 085,393	10,336	9,875
23	17	98 544	74 053,120	2 842 699,481	38,387	37,927	73	67	63 370	25 588,494	251 179,596	9,816	9,356
24	18	98 472	73 085,771	2 768 646,361	37,882	37,422	74	68	60 785	24 241,752	225 591,102	9,306	8,846
25	19	98 394	72 126,132	2 695 560,591	37,373	36,912	75	69	58 017	22 852,211	201 349,350	8,811	8,351
26	20	98 314	71 178,157	2 623 434,458	36,857	36,397	76	70	55 102	21 435,906	178 497,139	8,327	7,867
27	21	98 234	70 241,658	2 552 256,301	36,335	35,875	77	71	52 039	19 994,509	157 061,233	7,855	7,395
28	22	98 150	69 315,582	2 482 014,643	35,807	35,347	78	72	48 793	18 515,847	137 066,724	7,403	6,942
29	23	98 067	68 401,688	2 412 699,061	35,273	34,812	79	73	45 365	17 002,588	118 550,877	6,973	6,512
30	24	97 982	67 498,404	2 344 297,373	34,731	34,271	80	74	41 878	15 501,850	101 548,289	6,551	6,090
31	25	97 894	66 605,658	2 276 798,969	34,183	33,723	81	75	38 280	13 995,055	86 046,439	6,148	5,688
32	26	97 800	65 719,957	2 210 193,311	33,630	33,170	82	76	34 625	12 502,555	72 051,384	5,763	5,303
33	27	97 701	64 842,814	2 144 473,354	33,072	32,611	83	77	30 969	11 044,207	59 548,829	5,392	4,931
34	28	97 605	63 979,255	2 079 630,541	32,505	32,044	84	78	27 357	9 635,614	48 504,622	5,034	4,574
35	29	97 500	63 121,934	2 015 651,286	31,933	31,472	85	79	23 795	8 277,558	38 869,007	4,696	4,235
36	30	97 389	62 271,416	1 952 529,352	31,355	30,895	86	80	20 318	6 980,839	30 591,450	4,382	3,922
37	31	97 273	61 429,666	1 890 257,936	30,771	30,311	87	81	16 995	5 767,001	23 610,611	4,094	3,634
38	32	97 146	60 591,592	1 828 828,270	30,183	29,722	88	82	13 862	4 645,759	17 843,609	3,841	3,380
39	33	97 007	59 758,413	1 768 236,678	29,590	29,129	89	83	11 101	3 674,707	13 197,850	3,592	3,131
40	34	96 859	58 930,045	1 708 478,265	28,992	28,531	90	84	8 674	2 835,892	9 523,143	3,358	2,898
41	35	96 687	58 099,573	1 649 548,220	28,392	27,931	91	85	6 669	2 153,192	6 687,251	3,106	2,645
42	36	96 502	57 272,641	1 591 448,647	27,787	27,327	92	86	4 915	1 567,441	4 534,059	2,893	2,432
43	37	96 302	56 448,019	1 534 176,006	27,179	26,718	93	87	3 476	1 094,665	2 966,618	2,710	2,250
44	38	96 066	55 614,607	1 477 727,987	26,571	26,110	94	88	2 356	733,017	1 871,953	2,554	2,093
45	39	95 805	54 778,801	1 422 113,379	25,961	25,501	95	89	1 540	473,004	1 138,935	2,408	1,947
46	40	95 507	53 934,147	1 367 334,578	25,352	24,892	96	90	964	292,494	665,931	2,277	1,816
47	41	95 176	53 083,704	1 313 400,431	24,742	24,282	97	91	581	174,250	373,438	2,143	1,683
48	42	94 803	52 222,741	1 260 316,727	24,133	23,673	98	92	331	97,908	199,188	2,034	1,574
49	43	94 379	51 347,254	1 208 093,986	23,528	23,068	99	93	179	52,357	101,280	1,934	1,474
							100	94	92	26,532	48,923	1,844	1,384

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	50 515,791	1 165 030,442	23,063	22,602
1							51	44	93 511	49 626,566	1 114 514,651	22,458	21,998
2							52	45	92 956	48 723,415	1 064 888,085	21,856	21,395
3							53	46	92 342	47 804,046	1 016 164,670	21,257	20,796
4							54	47	91 670	46 870,185	968 360,623	20,660	20,200
5							55	48	90 925	45 915,078	921 490,438	20,069	19,609
6							56	49	90 130	44 951,941	875 575,360	19,478	19,018
7	0	99 488	91 202,072	4 176 577,278	45,795	45,334	57	50	89 272	43 974,070	830 623,418	18,889	18,429
8	1	99 160	89 779,228	4 085 375,206	45,505	45,044	58	51	88 354	42 984,609	786 649,348	18,301	17,840
9	2	99 122	88 637,108	3 995 595,978	45,078	44,618	59	52	87 354	41 973,726	743 664,740	17,717	17,257
10	3	99 098	87 521,196	3 906 958,870	44,640	44,180	60	53	86 276	40 943,908	701 691,014	17,138	16,677
11	4	99 075	86 420,565	3 819 437,674	44,196	43,736	61	54	85 102	39 888,058	660 747,106	16,565	16,105
12	5	99 053	85 335,117	3 733 017,110	43,745	43,285	62	55	83 877	38 828,612	620 859,048	15,990	15,529
13	6	99 034	84 265,160	3 647 681,993	43,288	42,828	63	56	82 548	37 741,514	582 030,435	15,421	14,961
14	7	99 017	83 210,891	3 563 416,833	42,824	42,364	64	57	81 155	36 646,480	544 288,922	14,852	14,392
15	8	98 993	82 163,178	3 480 205,941	42,357	41,897	65	58	79 658	35 526,648	507 642,441	14,289	13,829
16	9	98 967	81 127,570	3 398 042,763	41,885	41,425	66	59	78 059	34 383,659	472 115,793	13,731	13,270
17	10	98 931	80 097,150	3 316 915,194	41,411	40,951	67	60	76 391	33 233,496	437 732,134	13,171	12,711
18	11	98 889	79 074,915	3 236 818,043	40,934	40,473	68	61	74 604	32 055,237	404 498,638	12,619	12,158
19	12	98 826	78 049,080	3 157 743,129	40,458	39,998	69	62	72 722	30 860,849	372 443,401	12,068	11,608
20	13	98 765	77 037,570	3 079 694,049	39,977	39,516	70	63	70 703	29 633,843	341 582,552	11,527	11,066
21	14	98 696	76 033,555	3 002 656,479	39,491	39,031	71	64	68 575	28 387,019	311 948,710	10,989	10,529
22	15	98 628	75 043,230	2 926 622,924	38,999	38,539	72	65	66 323	27 115,739	283 561,691	10,457	9,997
23	16	98 560	74 065,027	2 851 579,694	38,501	38,041	73	66	63 895	25 800,568	256 445,952	9,940	9,479
24	17	98 489	73 098,602	2 777 514,668	37,997	37,536	74	67	61 338	24 462,394	230 645,384	9,429	8,968
25	18	98 415	72 141,891	2 704 416,065	37,487	37,027	75	68	58 591	23 078,266	206 182,990	8,934	8,474
26	19	98 336	71 193,468	2 632 274,175	36,974	36,513	76	69	55 713	21 673,615	183 104,724	8,448	7,988
27	20	98 254	70 256,481	2 561 080,707	36,453	35,993	77	70	52 668	20 236,296	161 431,109	7,977	7,517
28	21	98 172	69 330,568	2 490 824,226	35,927	35,466	78	71	49 453	18 766,245	141 194,813	7,524	7,063
29	22	98 090	68 417,410	2 421 493,658	35,393	34,933	79	72	46 078	17 269,841	122 428,568	7,089	6,629
30	23	98 004	67 513,760	2 353 076,248	34,853	34,393	80	73	42 617	15 775,321	105 158,726	6,666	6,206
31	24	97 916	66 620,805	2 285 562,488	34,307	33,847	81	74	39 034	14 270,825	89 383,405	6,263	5,803
32	25	97 822	65 734,605	2 218 941,683	33,756	33,296	82	75	35 414	12 787,475	75 112,580	5,874	5,414
33	26	97 727	64 860,142	2 153 207,078	33,198	32,737	83	76	31 774	11 331,433	62 325,105	5,500	5,040
34	27	97 630	63 995,775	2 088 346,936	32,633	32,172	84	77	28 172	9 922,925	50 993,672	5,139	4,679
35	28	97 526	63 138,333	2 024 351,162	32,062	31,602	85	78	24 613	8 562,325	41 070,746	4,797	4,336
36	29	97 416	62 288,692	1 961 212,829	31,486	31,025	86	79	21 111	7 253,201	32 508,422	4,482	4,022
37	30	97 300	61 446,530	1 898 924,137	30,904	30,443	87	80	17 765	6 028,475	25 255,220	4,189	3,729
38	31	97 177	60 611,353	1 837 477,607	30,316	29,855	88	81	14 584	4 887,679	19 226,745	3,934	3,473
39	32	97 041	59 779,117	1 776 866,254	29,724	29,263	89	82	11 771	3 896,280	14 339,066	3,680	3,220
40	33	96 894	58 951,373	1 717 087,137	29,127	28,667	90	83	9 277	3 032,907	10 442,786	3,443	2,983
41	34	96 727	58 123,161	1 658 135,764	28,528	28,068	91	84	7 201	2 325,226	7 409,880	3,187	2,726
42	35	96 544	57 297,059	1 600 012,603	27,925	27,464	92	85	5 373	1 713,604	5 084,654	2,967	2,507
43	36	96 347	56 474,354	1 542 715,544	27,317	26,857	93	86	3 847	1 211,782	3 371,050	2,782	2,322
44	37	96 117	55 643,915	1 486 241,191	26,710	26,249	94	87	2 662	827,952	2 159,268	2,608	2,148
45	38	95 862	54 811,116	1 430 597,276	26,100	25,640	95	88	1 760	540,862	1 331,316	2,461	2,001
46	39	95 574	53 972,104	1 375 786,160	25,491	25,030	96	89	1 121	340,017	790,455	2,325	1,864
47	40	95 244	53 121,569	1 321 814,056	24,883	24,422	97	90	683	204,566	450,437	2,202	1,742
48	41	94 882	52 266,174	1 268 692,488	24,274	23,813	98	91	400	118,410	245,871	2,076	1,616
49	42	94 468	51 395,872	1 216 426,314	23,668	23,207	99	92	221	64,557	127,461	1,974	1,514
							100	93	116	33,453	62,904	1,880	1,420

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	50 563,622	1 172 641,984	23,191	22,731
1							51	43	93 609	49 679,004	1 122 078,362	22,587	22,126
2							52	44	93 062	48 778,575	1 072 399,358	21,985	21,525
3							53	45	92 468	47 868,792	1 023 620,782	21,384	20,923
4							54	46	91 813	46 942,990	975 751,991	20,786	20,326
5							55	47	91 083	45 994,899	928 809,001	20,194	19,733
6							56	48	90 297	45 035,390	882 814,102	19,603	19,142
7							57	49	89 459	44 066,260	837 778,712	19,012	18,551
8	0	99 478	90 067,409	4 093 953,696	45,454	44,994	58	50	88 561	43 085,276	793 712,452	18,422	17,962
9	1	99 150	88 662,318	4 003 886,287	45,159	44,698	59	51	87 572	42 078,535	750 627,176	17,839	17,378
10	2	99 114	87 535,308	3 915 223,969	44,727	44,267	60	52	86 516	41 057,672	708 548,642	17,257	16,797
11	3	99 089	86 432,958	3 827 688,662	44,285	43,825	61	53	85 361	40 009,655	667 490,969	16,683	16,223
12	4	99 065	85 345,345	3 741 255,704	43,837	43,376	62	54	84 145	38 952,722	627 481,315	16,109	15,648
13	5	99 043	84 272,784	3 655 910,358	43,382	42,921	63	55	82 846	37 877,780	588 528,593	15,538	15,077
14	6	99 025	83 217,563	3 571 637,575	42,919	42,459	64	56	81 464	36 786,006	550 650,813	14,969	14,509
15	7	99 001	82 170,043	3 488 420,011	42,454	41,993	65	57	79 988	35 673,848	513 864,807	14,405	13,944
16	8	98 973	81 132,609	3 406 249,969	41,984	41,523	66	58	78 417	34 541,154	478 190,958	13,844	13,384
17	9	98 937	80 102,236	3 325 117,360	41,511	41,051	67	59	76 758	33 393,060	443 649,804	13,286	12,825
18	10	98 897	79 081,285	3 245 015,124	41,034	40,574	68	60	75 014	32 231,475	410 256,745	12,728	12,268
19	11	98 834	78 055,279	3 165 933,839	40,560	40,100	69	61	73 138	31 037,310	378 025,270	12,180	11,719
20	12	98 773	77 043,475	3 087 878,559	40,080	39,619	70	62	71 150	29 820,963	346 987,959	11,636	11,175
21	13	98 706	76 041,035	3 010 835,084	39,595	39,134	71	63	69 036	28 577,593	317 166,997	11,098	10,638
22	14	98 641	75 052,521	2 934 794,049	39,103	38,643	72	64	66 804	27 312,273	288 589,404	10,566	10,106
23	15	98 573	74 075,068	2 859 741,528	38,606	38,146	73	65	64 394	26 001,886	261 277,131	10,048	9,588
24	16	98 505	73 110,356	2 785 666,460	38,102	37,642	74	66	61 847	24 665,135	235 275,245	9,539	9,078
25	17	98 433	72 154,557	2 712 556,104	37,594	37,133	75	67	59 124	23 288,318	210 610,110	9,044	8,583
26	18	98 357	71 209,022	2 640 401,547	37,080	36,619	76	68	56 264	21 888,011	187 321,792	8,558	8,098
27	19	98 276	70 271,593	2 569 192,525	36,561	36,101	77	69	53 252	20 460,702	165 433,781	8,085	7,625
28	20	98 192	69 345,199	2 498 920,932	36,036	35,576	78	70	50 051	18 993,180	144 973,079	7,633	7,173
29	21	98 111	68 432,202	2 429 575,733	35,503	35,043	79	71	46 701	17 503,389	125 979,899	7,197	6,737
30	22	98 026	67 529,278	2 361 143,531	34,965	34,504	80	72	43 287	16 023,284	108 476,510	6,770	6,310
31	23	97 939	66 635,961	2 293 614,253	34,420	33,960	81	73	39 723	14 522,580	92 453,226	6,366	5,906
32	24	97 844	65 749,554	2 226 978,292	33,871	33,410	82	74	36 112	13 039,450	77 930,646	5,977	5,516
33	25	97 749	64 874,598	2 161 228,738	33,314	32,854	83	75	32 498	11 589,664	64 891,195	5,599	5,139
34	26	97 656	64 012,876	2 096 354,140	32,749	32,289	84	76	28 905	10 180,990	53 301,531	5,235	4,775
35	27	97 551	63 154,635	2 032 341,264	32,180	31,720	85	77	25 347	8 817,633	43 120,541	4,890	4,430
36	28	97 441	62 304,875	1 969 186,629	31,606	31,145	86	78	21 837	7 502,728	34 302,909	4,572	4,112
37	29	97 327	61 463,577	1 906 881,754	31,025	30,564	87	79	18 459	6 263,681	26 800,181	4,279	3,818
38	30	97 204	60 627,991	1 845 418,176	30,438	29,978	88	80	15 245	5 109,285	20 536,500	4,019	3,559
39	31	97 073	59 798,613	1 784 790,185	29,847	29,386	89	81	12 384	4 099,172	15 427,215	3,763	3,303
40	32	96 927	58 971,797	1 724 991,572	29,251	28,791	90	82	9 836	3 215,781	11 328,044	3,523	3,062
41	33	96 762	58 144,197	1 666 019,775	28,653	28,193	91	83	7 702	2 486,764	8 112,263	3,262	2,802
42	34	96 583	57 320,321	1 607 875,578	28,051	27,590	92	84	5 803	1 850,516	5 625,499	3,040	2,580
43	35	96 388	56 498,431	1 550 555,257	27,444	26,984	93	85	4 206	1 324,780	3 774,983	2,850	2,389
44	36	96 162	55 669,875	1 494 056,826	26,838	26,377	94	86	2 946	916,533	2 450,203	2,673	2,213
45	37	95 912	54 840,000	1 438 386,951	26,229	25,768	95	87	1 988	610,909	1 533,670	2,510	2,050
46	38	95 631	54 003,943	1 383 546,951	25,619	25,159	96	88	1 281	388,797	922,761	2,373	1,913
47	39	95 311	53 158,953	1 329 543,009	25,011	24,550	97	89	793	237,804	533,964	2,245	1,785
48	40	94 949	52 303,455	1 276 384,055	24,403	23,943	98	90	470	139,011	296,161	2,130	1,670
49	41	94 547	51 438,616	1 224 080,600	23,797	23,337	99	91	267	78,075	157,150	2,013	1,552
							100	92	143	41,248	79,075	1,917	1,457

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	50 605,674	1 179 627,243	23,310	22,850
1							51	42	93 698	49 726,043	1 129 021,569	22,705	22,244
2							52	43	93 160	48 830,118	1 079 295,526	22,103	21,643
3							53	44	92 572	47 922,984	1 030 465,408	21,503	21,042
4							54	45	91 937	47 006,569	982 542,424	20,902	20,442
5							55	46	91 224	46 066,344	935 535,855	20,308	19,848
6							56	47	90 454	45 113,681	889 469,511	19,716	19,256
7							57	48	89 625	44 148,065	844 355,830	19,126	18,665
8							58	49	88 746	43 175,602	800 207,765	18,534	18,073
9	0	99 469	88 946,914	4 011 783,487	45,103	44,643	59	50	87 778	42 177,080	757 032,163	17,949	17,489
10	1	99 142	87 560,204	3 922 836,573	44,802	44,341	60	51	86 732	41 160,194	714 855,083	17,368	16,907
11	2	99 105	86 446,895	3 835 276,369	44,366	43,905	61	52	85 599	40 120,823	673 694,890	16,792	16,331
12	3	99 079	85 357,584	3 748 829,475	43,919	43,459	62	53	84 402	39 071,467	633 574,067	16,216	15,755
13	4	99 055	84 282,885	3 663 471,890	43,466	43,006	63	54	83 111	37 998,851	594 502,600	15,645	15,185
14	5	99 034	83 225,092	3 579 189,006	43,006	42,546	64	55	81 758	36 918,823	556 503,749	15,074	14,613
15	6	99 009	82 176,631	3 495 963,914	42,542	42,082	65	56	80 293	35 809,671	519 584,927	14,510	14,049
16	7	98 981	81 139,388	3 413 787,282	42,073	41,613	66	57	78 742	34 684,271	483 775,256	13,948	13,488
17	8	98 943	80 107,211	3 332 647,895	41,602	41,142	67	58	77 110	33 546,017	449 090,985	13,387	12,927
18	9	98 904	79 086,306	3 252 540,683	41,126	40,666	68	59	75 374	32 386,228	415 544,967	12,831	12,371
19	10	98 842	78 061,568	3 173 454,377	40,653	40,193	69	60	73 540	31 207,952	383 158,740	12,278	11,817
20	11	98 780	77 049,595	3 095 392,809	40,174	39,714	70	61	71 557	29 991,478	351 950,788	11,735	11,275
21	12	98 714	76 046,864	3 018 343,215	39,691	39,230	71	62	69 471	28 758,043	321 959,310	11,195	10,735
22	13	98 650	75 059,905	2 942 296,351	39,199	38,739	72	63	67 252	27 495,631	293 201,267	10,664	10,203
23	14	98 585	74 084,240	2 867 236,446	38,702	38,242	73	64	64 860	26 190,347	265 705,636	10,145	9,685
24	15	98 519	73 120,268	2 793 152,206	38,199	37,739	74	65	62 329	24 857,594	239 515,289	9,635	9,175
25	16	98 449	72 166,158	2 720 031,938	37,691	37,231	75	66	59 614	23 481,329	214 657,695	9,142	8,681
26	17	98 374	71 221,524	2 647 865,780	37,178	36,717	76	67	56 776	22 087,230	191 176,366	8,656	8,195
27	18	98 297	70 286,947	2 576 644,255	36,659	36,199	77	68	53 779	20 663,100	169 089,136	8,183	7,723
28	19	98 213	69 360,115	2 506 357,309	36,135	35,675	78	69	50 606	19 203,800	148 426,036	7,729	7,269
29	20	98 131	68 446,643	2 436 997,194	35,604	35,144	79	70	47 266	17 715,052	129 222,236	7,294	6,834
30	21	98 048	67 543,877	2 368 550,550	35,067	34,606	80	71	43 872	16 239,974	111 507,184	6,866	6,406
31	22	97 961	66 651,277	2 301 006,673	34,523	34,063	81	72	40 347	14 750,852	95 267,210	6,458	5,998
32	23	97 866	65 764,512	2 234 355,396	33,975	33,515	82	73	36 749	13 269,482	80 516,358	6,068	5,607
33	24	97 771	64 889,351	2 168 590,884	33,420	32,959	83	74	33 139	11 818,037	67 246,876	5,690	5,230
34	25	97 678	64 027,144	2 103 701,532	32,856	32,396	84	75	29 564	10 413,004	55 428,839	5,323	4,863
35	26	97 577	63 171,512	2 039 674,388	32,288	31,827	85	76	26 006	9 046,952	45 015,835	4,976	4,515
36	27	97 466	62 320,962	1 976 502,876	31,715	31,255	86	77	22 488	7 726,441	35 968,883	4,655	4,195
37	28	97 352	61 479,546	1 914 181,915	31,135	30,675	87	78	19 094	6 479,165	28 242,442	4,359	3,899
38	29	97 231	60 644,812	1 852 702,369	30,550	30,090	88	79	15 840	5 308,627	21 763,277	4,100	3,639
39	30	97 099	59 815,029	1 792 057,557	29,960	29,500	89	80	12 945	4 285,027	16 454,649	3,840	3,380
40	31	96 959	58 991,030	1 732 242,528	29,365	28,904	90	81	10 349	3 383,237	12 169,622	3,597	3,137
41	32	96 795	58 164,342	1 673 251,498	28,768	28,307	91	82	8 166	2 636,707	8 786,386	3,332	2,872
42	33	96 618	57 341,066	1 615 087,156	28,166	27,706	92	83	6 206	1 979,075	6 149,678	3,107	2,647
43	34	96 427	56 521,368	1 557 746,090	27,560	27,100	93	84	4 542	1 430,626	4 170,603	2,915	2,455
44	35	96 203	55 693,609	1 501 224,722	26,955	26,495	94	85	3 221	1 001,999	2 739,977	2,735	2,274
45	36	95 957	54 865,585	1 445 531,113	26,347	25,886	95	86	2 201	676,270	1 737,978	2,570	2,110
46	37	95 681	54 032,401	1 390 665,528	25,738	25,277	96	87	1 447	439,150	1 061,708	2,418	1,957
47	38	95 367	53 190,313	1 336 633,127	25,129	24,669	97	88	907	271,919	622,558	2,289	1,829
48	39	95 016	52 340,264	1 283 442,814	24,521	24,061	98	89	546	161,597	350,639	2,170	1,709
49	40	94 614	51 475,307	1 231 102,550	23,916	23,456	99	90	314	91,659	189,042	2,062	1,602
							100	91	173	49,885	97,383	1,952	1,492

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	50 641,771	1 186 030,436	23,420	22,960
1							51	41	93 776	49 767,398	1 135 388,665	22,814	22,354
2							52	42	93 248	48 876,352	1 085 621,266	22,212	21,751
3							53	43	92 670	47 973,623	1 036 744,914	21,611	21,150
4							54	44	92 041	47 059,785	988 771,291	21,011	20,551
5							55	45	91 348	46 128,736	941 711,506	20,415	19,954
6							56	46	90 595	45 183,758	895 582,770	19,821	19,361
7							57	47	89 781	44 224,813	850 399,013	19,229	18,769
8							58	48	88 911	43 255,753	806 174,200	18,637	18,177
9							59	49	87 962	42 265,502	762 918,446	18,051	17,590
10	0	99 460	87 841,262	3 930 103,425	44,741	44,281	60	50	86 935	41 256,588	720 652,944	17,468	17,007
11	1	99 133	86 471,481	3 842 262,163	44,434	43,973	61	51	85 812	40 221,005	679 396,356	16,892	16,431
12	2	99 095	85 371,347	3 755 790,681	43,994	43,533	62	52	84 636	39 180,028	639 175,351	16,314	15,853
13	3	99 069	84 294,971	3 670 419,334	43,543	43,082	63	53	83 364	38 114,688	599 995,322	15,742	15,281
14	4	99 046	83 235,067	3 586 124,363	43,084	42,624	64	54	82 019	37 036,827	561 880,634	15,171	14,710
15	5	99 018	82 184,066	3 502 889,295	42,622	42,162	65	55	80 583	35 938,962	524 843,807	14,604	14,143
16	6	98 989	81 145,894	3 420 705,230	42,155	41,695	66	56	79 041	34 816,326	488 904,845	14,042	13,582
17	7	98 952	80 113,904	3 339 559,336	41,685	41,225	67	57	77 429	33 685,011	454 088,519	13,480	13,020
18	8	98 910	79 091,219	3 259 445,432	41,211	40,751	68	58	75 719	32 534,574	420 403,508	12,922	12,461
19	9	98 849	78 066,524	3 180 354,213	40,739	40,279	69	59	73 893	31 357,790	387 868,934	12,369	11,909
20	10	98 788	77 055,802	3 102 287,689	40,260	39,800	70	60	71 950	30 156,370	356 511,144	11,822	11,362
21	11	98 721	76 052,904	3 025 231,887	39,778	39,318	71	61	69 869	28 922,481	326 354,774	11,284	10,823
22	12	98 658	75 065,659	2 949 178,982	39,288	38,828	72	62	67 677	27 669,250	297 432,293	10,750	10,289
23	13	98 595	74 091,528	2 874 113,323	38,791	38,331	73	63	65 296	26 366,173	269 763,044	10,231	9,771
24	14	98 531	73 129,321	2 800 021,795	38,289	37,828	74	64	62 781	25 037,761	243 396,870	9,721	9,261
25	15	98 462	72 175,943	2 726 892,474	37,781	37,321	75	65	60 079	23 664,550	218 359,110	9,227	8,767
26	16	98 390	71 232,976	2 654 716,532	37,268	36,808	76	66	57 246	22 270,286	194 694,560	8,742	8,282
27	17	98 314	70 299,287	2 583 483,556	36,750	36,289	77	67	54 269	20 851,170	172 424,273	8,269	7,809
28	18	98 235	69 375,269	2 513 184,269	36,226	35,766	78	68	51 106	19 393,765	151 573,103	7,816	7,355
29	19	98 153	68 461,366	2 443 809,000	35,696	35,236	79	69	47 790	17 911,500	132 179,338	7,380	6,919
30	20	98 068	67 558,131	2 375 347,634	35,160	34,700	80	70	44 403	16 436,359	114 267,839	6,952	6,492
31	21	97 982	66 665,687	2 307 789,502	34,617	34,157	81	71	40 893	14 950,334	97 831,480	6,544	6,083
32	22	97 889	65 779,628	2 241 123,815	34,070	33,610	82	72	37 327	13 478,057	82 881,146	6,149	5,689
33	23	97 793	64 904,114	2 175 344,187	33,516	33,056	83	73	33 723	12 026,521	69 403,089	5,771	5,310
34	24	97 700	64 041,704	2 110 440,073	32,954	32,494	84	74	30 146	10 618,190	57 376,567	5,404	4,943
35	25	97 599	63 185,592	2 046 398,369	32,387	31,927	85	75	26 599	9 253,122	46 758,377	5,053	4,593
36	26	97 493	62 337,616	1 983 212,777	31,814	31,354	86	76	23 073	7 927,382	37 505,255	4,731	4,271
37	27	97 378	61 495,420	1 920 875,161	31,236	30,776	87	77	19 663	6 672,359	29 577,872	4,433	3,973
38	28	97 256	60 660,567	1 859 379,741	30,652	30,192	88	78	16 385	5 491,256	22 905,514	4,171	3,711
39	29	97 126	59 831,624	1 798 719,174	30,063	29,603	89	79	13 450	4 452,210	17 414,258	3,911	3,451
40	30	96 985	59 007,224	1 738 887,550	29,469	29,009	90	80	10 818	3 536,632	12 962,048	3,665	3,205
41	31	96 827	58 183,311	1 679 880,326	28,872	28,412	91	81	8 591	2 774,009	9 425,416	3,398	2,937
42	32	96 651	57 360,933	1 621 697,015	28,272	27,811	92	82	6 580	2 098,406	6 651,406	3,170	2,709
43	33	96 462	56 541,825	1 564 336,082	27,667	27,206	93	83	4 858	1 530,014	4 553,000	2,976	2,515
44	34	96 242	55 716,220	1 507 794,257	27,062	26,602	94	84	3 478	1 082,056	3 022,986	2,794	2,333
45	35	95 998	54 888,976	1 452 078,038	26,455	25,994	95	85	2 406	739,332	1 940,930	2,625	2,165
46	36	95 726	54 057,609	1 397 189,062	25,846	25,386	96	86	1 602	486,135	1 201,598	2,472	2,011
47	37	95 417	53 218,343	1 343 131,452	25,238	24,778	97	87	1 025	307,136	715,464	2,329	1,869
48	38	95 072	52 371,140	1 289 913,110	24,630	24,170	98	88	624	184,780	408,328	2,210	1,749
49	39	94 681	51 511,534	1 237 541,969	24,025	23,564	99	89	364	106,552	223,548	2,098	1,638
							100	90	203	58,564	116,997	1,998	1,537



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	50 677,411	1 191 899,366	23,519	23,059
1							51	40	93 843	49 802,897	1 141 221,956	22,915	22,454
2							52	41	93 326	48 917,001	1 091 419,058	22,312	21,851
3							53	42	92 758	48 019,046	1 042 502,057	21,710	21,250
4							54	43	92 138	47 109,512	994 483,011	21,110	20,650
5							55	44	91 451	46 180,958	947 373,499	20,514	20,054
6							56	45	90 718	45 244,954	901 192,541	19,918	19,458
7							57	46	89 920	44 293,508	855 947,587	19,324	18,864
8							58	47	89 066	43 330,951	811 654,078	18,732	18,271
9							59	48	88 125	42 343,964	768 323,127	18,145	17,684
10							60	49	87 117	41 343,081	725 979,163	17,560	17,099
11	0	99 451	86 749,045	3 848 947,593	44,369	43,908	61	50	86 013	40 315,200	684 636,083	16,982	16,522
12	1	99 123	85 395,628	3 762 198,548	44,056	43,596	62	51	84 848	39 277,861	644 320,883	16,404	15,944
13	2	99 085	84 308,563	3 676 802,920	43,611	43,151	63	52	83 596	38 220,591	605 043,022	15,830	15,370
14	3	99 060	83 247,004	3 592 494,357	43,155	42,694	64	53	82 269	37 149,732	566 822,430	15,258	14,797
15	4	99 030	82 193,916	3 509 247,353	42,695	42,234	65	54	80 840	36 053,835	529 672,698	14,691	14,231
16	5	98 998	81 153,235	3 427 053,437	42,229	41,769	66	55	79 327	34 942,031	493 618,863	14,127	13,666
17	6	98 960	80 120,328	3 345 900,202	41,761	41,301	67	56	77 724	33 813,261	458 676,832	13,565	13,105
18	7	98 918	79 097,827	3 265 779,874	41,288	40,827	68	57	76 033	32 669,377	424 863,571	13,005	12,545
19	8	98 855	78 071,373	3 186 682,047	40,818	40,357	69	58	74 231	31 501,426	392 194,194	12,450	11,990
20	9	98 795	77 060,694	3 108 610,674	40,340	39,879	70	59	72 296	30 301,159	360 692,768	11,904	11,443
21	10	98 729	76 059,032	3 031 549,979	39,858	39,397	71	60	70 253	29 081,495	330 391,609	11,361	10,900
22	11	98 666	75 071,621	2 955 490,948	39,369	38,909	72	61	68 064	27 827,462	301 310,114	10,828	10,367
23	12	98 602	74 097,208	2 880 419,326	38,874	38,413	73	62	65 708	26 532,660	273 482,653	10,307	9,847
24	13	98 541	73 136,515	2 806 322,119	38,371	37,911	74	63	63 202	25 205,849	246 949,993	9,797	9,337
25	14	98 474	72 184,879	2 733 185,603	37,864	37,403	75	64	60 515	23 836,070	221 744,143	9,303	8,842
26	15	98 404	71 242,634	2 661 000,724	37,351	36,891	76	65	57 693	22 444,058	197 908,074	8,818	8,357
27	16	98 330	70 310,590	2 589 758,091	36,833	36,373	77	66	54 718	21 023,982	175 464,015	8,346	7,886
28	17	98 252	69 387,449	2 519 447,500	36,310	35,849	78	67	51 571	19 570,282	154 440,033	7,892	7,431
29	18	98 174	68 476,324	2 450 060,051	35,780	35,319	79	68	48 263	18 088,681	134 869,752	7,456	6,996
30	19	98 089	67 572,663	2 381 583,727	35,245	34,784	80	69	44 895	16 618,627	116 781,071	7,027	6,567
31	20	98 003	66 679,756	2 314 011,064	34,703	34,243	81	70	41 387	15 131,124	100 162,444	6,620	6,159
32	21	97 910	65 793,849	2 247 331,309	34,157	33,697	82	71	37 832	13 660,327	85 031,321	6,225	5,764
33	22	97 816	64 919,032	2 181 537,459	33,604	33,144	83	72	34 253	12 215,559	71 370,994	5,843	5,382
34	23	97 722	64 056,274	2 116 618,427	33,043	32,583	84	73	30 678	10 805,508	59 155,435	5,475	5,014
35	24	97 621	63 199,961	2 052 562,153	32,477	32,017	85	74	27 123	9 435,454	48 349,927	5,124	4,664
36	25	97 514	62 351,510	1 989 362,192	31,906	31,445	86	75	23 599	8 108,039	38 914,473	4,799	4,339
37	26	97 404	61 511,853	1 927 010,682	31,327	30,867	87	76	20 174	6 845,886	30 806,434	4,500	4,040
38	27	97 281	60 676,230	1 865 498,829	30,745	30,285	88	77	16 873	5 654,992	23 960,548	4,237	3,777
39	28	97 152	59 847,168	1 804 822,599	30,157	29,697	89	78	13 913	4 605,376	18 305,556	3,975	3,514
40	29	97 012	59 023,595	1 744 975,431	29,564	29,104	90	79	11 240	3 674,616	13 700,180	3,728	3,268
41	30	96 853	58 199,283	1 685 951,836	28,969	28,508	91	80	8 981	2 899,782	10 025,564	3,457	2,997
42	31	96 683	57 379,640	1 627 752,552	28,368	27,908	92	81	6 923	2 207,677	7 125,782	3,228	2,767
43	32	96 495	56 561,415	1 570 372,913	27,764	27,304	93	82	5 151	1 622,269	4 918,104	3,032	2,571
44	33	96 276	55 736,385	1 513 811,498	27,160	26,700	94	83	3 720	1 157,228	3 295,835	2,848	2,388
45	34	96 037	54 911,260	1 458 075,113	26,553	26,093	95	84	2 599	798,402	2 138,607	2,679	2,218
46	35	95 766	54 080,656	1 403 163,853	25,946	25,485	96	85	1 751	531,466	1 340,205	2,522	2,061
47	36	95 462	53 243,171	1 349 083,197	25,338	24,878	97	86	1 134	339,996	808,739	2,379	1,918
48	37	95 122	52 398,739	1 295 840,026	24,730	24,270	98	87	705	208,711	468,743	2,246	1,786
49	38	94 736	51 541,921	1 243 441,288	24,125	23,664	99	88	417	121,838	260,032	2,134	1,674
							100	89	236	68,080	138,195	2,030	1,570

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	50 707,306	1 197 274,102	23,611	23,151
1							51	39	93 909	49 837,947	1 146 566,796	23,006	22,546
2							52	40	93 392	48 951,894	1 096 728,849	22,404	21,944
3							53	41	92 835	48 058,982	1 047 776,955	21,802	21,342
4							54	42	92 226	47 154,117	999 717,973	21,201	20,741
5							55	43	91 548	46 229,756	952 563,856	20,605	20,145
6							56	44	90 820	45 296,176	906 334,100	20,009	19,549
7							57	45	90 042	44 353,499	861 037,924	19,413	18,953
8							58	46	89 204	43 398,258	816 684,424	18,818	18,358
9							59	47	88 278	42 417,576	773 286,167	18,230	17,770
10							60	48	87 279	41 419,830	730 868,591	17,645	17,185
11							61	49	86 194	40 399,719	689 448,761	17,066	16,605
12	0	99 442	85 669,738	3 768 349,023	43,987	43,527	62	50	85 046	39 369,847	649 049,041	16,486	16,026
13	1	99 113	84 332,542	3 682 679,285	43,669	43,208	63	51	83 805	38 316,028	609 679,194	15,912	15,451
14	2	99 076	83 260,427	3 598 346,743	43,218	42,758	64	52	82 498	37 252,954	571 363,166	15,337	14,877
15	3	99 044	82 205,704	3 515 086,317	42,760	42,299	65	53	81 087	36 163,744	534 110,212	14,769	14,309
16	4	99 010	81 162,962	3 432 880,613	42,296	41,836	66	54	79 580	35 053,717	497 946,468	14,205	13,745
17	5	98 969	80 127,576	3 351 717,651	41,830	41,369	67	55	78 004	33 935,345	462 892,751	13,640	13,180
18	6	98 926	79 104,169	3 271 590,075	41,358	40,898	68	56	76 323	32 793,760	428 957,406	13,080	12,620
19	7	98 863	78 077,896	3 192 485,905	40,888	40,428	69	57	74 539	31 631,948	396 163,646	12,524	12,064
20	8	98 801	77 065,481	3 114 408,009	40,412	39,952	70	58	72 627	30 439,955	364 531,698	11,975	11,515
21	9	98 736	76 063,861	3 037 342,528	39,931	39,471	71	59	70 590	29 221,124	334 091,744	11,433	10,973
22	10	98 674	75 077,669	2 961 278,668	39,443	38,982	72	60	68 438	27 980,455	304 870,620	10,896	10,435
23	11	98 610	74 103,093	2 886 200,998	38,948	38,488	73	61	66 084	26 684,373	276 890,165	10,376	9,916
24	12	98 548	73 142,122	2 812 097,905	38,447	37,987	74	62	63 602	25 365,009	250 205,792	9,864	9,404
25	13	98 484	72 191,980	2 738 955,783	37,940	37,480	75	63	60 921	23 996,091	224 840,783	9,370	8,910
26	14	98 416	71 251,454	2 666 763,803	37,427	36,967	76	64	58 111	22 606,732	200 844,691	8,884	8,424
27	15	98 343	70 320,123	2 595 512,348	36,910	36,450	77	65	55 145	21 188,029	178 237,959	8,412	7,952
28	16	98 268	69 398,606	2 525 192,226	36,387	35,926	78	66	51 999	19 732,478	157 049,930	7,959	7,499
29	17	98 191	68 488,346	2 455 793,620	35,857	35,397	79	67	48 702	18 253,319	137 317,453	7,523	7,062
30	18	98 111	67 587,427	2 387 305,273	35,322	34,861	80	68	45 339	16 783,019	119 064,134	7,094	6,634
31	19	98 024	66 694,098	2 319 717,847	34,781	34,321	81	69	41 846	15 298,917	102 281,115	6,686	6,225
32	20	97 930	65 807,734	2 253 023,748	34,236	33,776	82	70	38 289	13 825,517	86 982,198	6,291	5,831
33	21	97 837	64 933,067	2 187 216,014	33,684	33,224	83	71	34 716	12 380,755	73 156,681	5,909	5,449
34	22	97 745	64 070,997	2 122 282,947	33,124	32,664	84	72	31 160	10 975,354	60 775,926	5,537	5,077
35	23	97 643	63 214,339	2 058 211,950	32,559	32,099	85	73	27 602	9 601,907	49 800,572	5,187	4,726
36	24	97 536	62 365,690	1 994 997,610	31,989	31,528	86	74	24 064	8 267,806	40 198,666	4,862	4,402
37	25	97 425	61 525,563	1 932 631,921	31,412	30,951	87	75	20 634	7 001,896	31 930,859	4,560	4,100
38	26	97 307	60 692,444	1 871 106,357	30,829	30,369	88	76	17 312	5 802,061	24 928,963	4,297	3,836
39	27	97 177	59 862,621	1 810 413,913	30,243	29,782	89	77	14 328	4 742,698	19 126,902	4,033	3,573
40	28	97 038	59 038,929	1 750 551,292	29,651	29,190	90	78	11 627	3 801,031	14 384,204	3,784	3,324
41	29	96 880	58 215,430	1 691 512,363	29,056	28,596	91	79	9 331	3 012,919	10 583,173	3,513	3,052
42	30	96 709	57 395,392	1 633 296,933	28,457	27,997	92	80	7 237	2 307,773	7 570,254	3,280	2,820
43	31	96 527	56 579,861	1 575 901,541	27,853	27,392	93	81	5 419	1 706,746	5 262,481	3,083	2,623
44	32	96 310	55 755,695	1 519 321,680	27,250	26,789	94	82	3 944	1 227,006	3 555,735	2,898	2,438
45	33	96 072	54 931,134	1 463 565,985	26,644	26,183	95	83	2 779	853,868	2 328,730	2,727	2,267
46	34	95 805	54 102,612	1 408 634,851	26,036	25,576	96	84	1 891	573,929	1 474,861	2,570	2,109
47	35	95 503	53 265,870	1 354 532,239	25,430	24,969	97	85	1 240	371,700	900,932	2,424	1,963
48	36	95 167	52 423,185	1 301 266,369	24,822	24,362	98	86	781	231,040	529,232	2,291	1,830
49	37	94 786	51 569,082	1 248 843,184	24,217	23,757	99	87	471	137,617	298,192	2,167	1,706
							100	88	270	77,846	160,575	2,063	1,602

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	50 734,028	1 202 194,674	23,696	23,236
1							51	38	93 964	49 867,347	1 151 460,646	23,090	22,630
2							52	39	93 458	48 986,344	1 101 593,300	22,488	22,027
3							53	40	92 901	48 093,263	1 052 606,955	21,887	21,426
4							54	41	92 302	47 193,334	1 004 513,693	21,285	20,825
5							55	42	91 635	46 273,528	957 320,359	20,688	20,228
6							56	43	90 916	45 344,039	911 046,831	20,092	19,631
7							57	44	90 144	44 403,712	865 702,792	19,496	19,036
8							58	45	89 325	43 457,036	821 299,079	18,899	18,439
9							59	46	88 415	42 483,464	777 842,043	18,309	17,849
10							60	47	87 431	41 491,836	735 358,579	17,723	17,263
11							61	48	86 354	40 474,717	693 866,743	17,143	16,683
12							62	49	85 225	39 452,385	653 392,026	16,562	16,101
13	0	99 431	84 603,240	3 688 338,569	43,596	43,135	63	50	84 001	38 405,762	613 939,641	15,986	15,525
14	1	99 104	83 284,107	3 603 735,329	43,270	42,810	64	51	82 704	37 345,975	575 533,880	15,411	14,950
15	2	99 060	82 218,959	3 520 451,222	42,818	42,358	65	52	81 312	36 264,226	538 187,905	14,841	14,380
16	3	99 024	81 174,601	3 438 232,263	42,356	41,896	66	53	79 823	35 160,577	501 923,679	14,275	13,815
17	4	98 980	80 137,181	3 357 057,662	41,891	41,431	67	54	78 254	34 043,814	466 763,102	13,711	13,250
18	5	98 935	79 111,326	3 276 920,481	41,422	40,961	68	55	76 598	32 912,163	432 719,288	13,148	12,687
19	6	98 871	78 084,156	3 197 809,156	40,953	40,493	69	56	74 823	31 752,381	399 807,126	12,591	12,131
20	7	98 809	77 071,920	3 119 724,999	40,478	40,018	70	57	72 928	30 566,079	368 054,745	12,041	11,581
21	8	98 742	76 068,585	3 042 653,079	39,999	39,538	71	58	70 914	29 354,972	337 488,666	11,497	11,036
22	9	98 680	75 082,436	2 966 584,494	39,511	39,051	72	59	68 767	28 114,798	308 133,694	10,960	10,499
23	10	98 618	74 109,063	2 891 502,058	39,017	38,556	73	60	66 447	26 831,082	280 018,896	10,436	9,976
24	11	98 556	73 147,931	2 817 392,995	38,516	38,056	74	61	63 965	25 510,046	253 187,814	9,925	9,465
25	12	98 491	72 197,515	2 744 245,063	38,010	37,550	75	62	61 306	24 147,612	227 677,768	9,429	8,968
26	13	98 425	71 258,464	2 672 047,549	37,498	37,038	76	63	58 501	22 758,500	203 530,156	8,943	8,483
27	14	98 356	70 328,829	2 600 789,085	36,980	36,520	77	64	55 545	21 341,599	180 771,656	8,470	8,010
28	15	98 281	69 408,015	2 530 460,255	36,458	35,997	78	65	52 405	19 886,447	159 430,057	8,017	7,557
29	16	98 207	68 499,358	2 461 052,240	35,928	35,468	79	66	49 106	18 404,600	139 543,610	7,582	7,122
30	17	98 128	67 599,293	2 392 552,882	35,393	34,933	80	67	45 752	16 935,773	121 139,009	7,153	6,692
31	18	98 046	66 708,670	2 324 953,589	34,852	34,392	81	68	42 260	15 450,255	104 203,236	6,744	6,284
32	19	97 952	65 821,889	2 258 244,919	34,308	33,848	82	69	38 714	13 978,832	88 752,982	6,349	5,889
33	20	97 857	64 946,770	2 192 423,030	33,757	33,297	83	70	35 136	12 530,472	74 774,150	5,967	5,507
34	21	97 766	64 084,849	2 127 476,259	33,198	32,737	84	71	31 582	11 123,778	62 243,678	5,596	5,135
35	22	97 666	63 228,869	2 063 391,410	32,634	32,173	85	72	28 036	9 752,833	51 119,900	5,242	4,781
36	23	97 559	62 379,878	2 000 162,541	32,064	31,604	86	73	24 488	8 413,661	41 367,067	4,917	4,456
37	24	97 447	61 539,555	1 937 782,663	31,488	31,028	87	74	21 041	7 139,868	32 953,406	4,615	4,155
38	25	97 329	60 705,972	1 876 243,108	30,907	30,447	88	75	17 706	5 934,284	25 813,538	4,350	3,890
39	26	97 203	59 878,618	1 815 537,136	30,320	29,860	89	76	14 701	4 866,041	19 879,255	4,085	3,625
40	27	97 063	59 054,173	1 755 658,518	29,730	29,269	90	77	11 973	3 914,369	15 013,214	3,835	3,375
41	28	96 905	58 230,555	1 696 604,346	29,136	28,676	91	78	9 652	3 116,570	11 098,845	3,561	3,101
42	29	96 736	57 411,315	1 638 373,791	28,537	28,077	92	79	7 519	2 397,812	7 982,275	3,329	2,869
43	30	96 553	56 595,393	1 580 962,476	27,934	27,474	93	80	5 665	1 784,129	5 584,463	3,130	2,670
44	31	96 341	55 773,879	1 524 367,083	27,331	26,871	94	81	4 150	1 290,900	3 800,333	2,944	2,484
45	32	96 105	54 950,165	1 468 593,204	26,726	26,266	95	82	2 947	905,354	2 509,434	2,772	2,311
46	33	95 840	54 122,193	1 413 643,038	26,119	25,659	96	83	2 023	613,801	1 604,080	2,613	2,153
47	34	95 541	53 287,496	1 359 520,845	25,513	25,053	97	84	1 339	401,398	990,279	2,467	2,007
48	35	95 207	52 445,535	1 306 233,350	24,906	24,446	98	85	853	252,585	588,881	2,331	1,871
49	36	94 831	51 593,141	1 253 787,815	24,301	23,841	99	86	521	152,340	336,297	2,208	1,747
							100	87	305	87,928	183,956	2,092	1,632

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	50 757,697	1 206 698,395	23,774	23,313
1							51	37	94 014	49 893,626	1 155 940,698	23,168	22,708
2							52	38	93 513	49 015,242	1 106 047,072	22,565	22,105
3							53	39	92 966	48 127,109	1 057 031,830	21,963	21,503
4							54	40	92 368	47 226,997	1 008 904,721	21,363	20,902
5							55	41	91 711	46 312,013	961 677,725	20,765	20,305
6							56	42	91 002	45 386,973	915 365,712	20,168	19,708
7							57	43	90 239	44 450,632	869 978,739	19,572	19,111
8							58	44	89 426	43 506,234	825 528,107	18,975	18,515
9							59	45	88 535	42 541,004	782 021,873	18,383	17,922
10							60	46	87 567	41 556,286	739 480,870	17,795	17,334
11							61	47	86 504	40 545,080	697 924,584	17,214	16,753
12							62	48	85 383	39 525,624	657 379,504	16,632	16,171
13							63	49	84 177	38 486,278	617 853,880	16,054	15,593
14	0	99 422	83 551,439	3 608 944,295	43,194	42,734	64	50	82 898	37 433,437	579 367,602	15,477	15,017
15	1	99 088	82 242,343	3 525 392,855	42,866	42,406	65	51	81 515	36 354,778	541 934,165	14,907	14,446
16	2	99 040	81 187,690	3 443 150,512	42,410	41,949	66	52	80 045	35 258,272	505 579,387	14,339	13,879
17	3	98 995	80 148,673	3 361 962,822	41,947	41,486	67	53	78 492	34 147,594	470 321,115	13,773	13,313
18	4	98 947	79 120,808	3 281 814,149	41,479	41,018	68	54	76 843	33 017,361	436 173,521	13,210	12,750
19	5	98 880	78 091,221	3 202 693,341	41,012	40,552	69	55	75 093	31 867,024	403 156,160	12,651	12,191
20	6	98 817	77 078,100	3 124 602,121	40,538	40,078	70	56	73 205	30 682,454	371 289,136	12,101	11,641
21	7	98 750	76 074,941	3 047 524,021	40,059	39,599	71	57	71 207	29 476,601	340 606,682	11,555	11,095
22	8	98 686	75 087,100	2 971 449,080	39,573	39,113	72	58	69 082	28 243,579	311 130,082	11,016	10,556
23	9	98 624	74 113,768	2 896 361,980	39,080	38,620	73	59	66 766	26 959,906	282 886,503	10,493	10,032
24	10	98 564	73 153,825	2 822 248,212	38,580	38,119	74	60	64 317	25 650,298	255 926,597	9,978	9,517
25	11	98 499	72 203,249	2 749 094,387	38,074	37,614	75	61	61 656	24 285,688	230 276,299	9,482	9,022
26	12	98 433	71 263,927	2 676 891,138	37,563	37,103	76	62	58 871	22 902,206	205 990,611	8,994	8,534
27	13	98 365	70 335,748	2 605 627,211	37,046	36,585	77	63	55 918	21 484,874	183 088,405	8,522	8,061
28	14	98 293	69 416,608	2 535 291,463	36,523	36,062	78	64	52 784	20 030,584	161 603,531	8,068	7,607
29	15	98 220	68 508,645	2 465 874,855	35,994	35,533	79	65	49 489	18 548,209	141 572,947	7,633	7,172
30	16	98 144	67 610,162	2 397 366,209	35,459	34,998	80	66	46 131	17 076,135	123 024,739	7,204	6,744
31	17	98 063	66 720,382	2 329 756,047	34,918	34,458	81	67	42 645	15 590,879	105 948,604	6,796	6,335
32	18	97 973	65 836,270	2 263 035,665	34,374	33,913	82	68	39 097	14 117,111	90 357,725	6,401	5,940
33	19	97 878	64 960,740	2 197 199,395	33,823	33,363	83	69	35 526	12 669,426	76 240,614	6,018	5,557
34	20	97 786	64 098,373	2 132 238,654	33,265	32,805	84	70	31 964	11 258,295	63 571,188	5,647	5,186
35	21	97 687	63 242,539	2 068 140,281	32,702	32,241	85	71	28 415	9 884,725	52 312,894	5,292	4,832
36	22	97 581	62 394,216	2 004 897,742	32,133	31,672	86	72	24 873	8 545,910	42 428,169	4,965	4,504
37	23	97 470	61 553,555	1 942 503,526	31,558	31,098	87	73	21 412	7 265,824	33 882,259	4,663	4,203
38	24	97 351	60 719,777	1 880 949,971	30,978	30,517	88	74	18 055	6 051,218	26 616,435	4,399	3,938
39	25	97 224	59 891,964	1 820 230,194	30,392	29,932	89	75	15 036	4 976,932	20 565,217	4,132	3,672
40	26	97 089	59 069,954	1 760 338,230	29,801	29,341	90	76	12 285	4 016,169	15 588,285	3,881	3,421
41	27	96 930	58 245,590	1 701 268,276	29,209	28,748	91	77	9 940	3 209,499	11 572,115	3,606	3,145
42	28	96 761	57 426,231	1 643 022,686	28,611	28,151	92	78	7 778	2 480,302	8 362,616	3,372	2,911
43	29	96 580	56 611,095	1 585 596,455	28,009	27,548	93	79	5 886	1 853,739	5 882,314	3,173	2,713
44	30	96 368	55 789,190	1 528 985,361	27,406	26,946	94	80	4 338	1 349,429	4 028,576	2,985	2,525
45	31	96 136	54 968,086	1 473 196,171	26,801	26,341	95	81	3 100	952,499	2 679,147	2,813	2,352
46	32	95 873	54 140,944	1 418 228,085	26,195	25,735	96	82	2 145	650,811	1 726,648	2,653	2,193
47	33	95 576	53 306,781	1 364 087,140	25,589	25,129	97	83	1 432	429,284	1 075,838	2,506	2,046
48	34	95 246	52 466,827	1 310 780,359	24,983	24,523	98	84	922	272,765	646,554	2,370	1,910
49	35	94 871	51 615,137	1 258 313,532	24,379	23,918	99	85	570	166,546	373,788	2,244	1,784
							100	86	337	97,336	207,242	2,129	1,669

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	50 779,337	1 210 820,669	23,845	23,384
1							51	36	94 058	49 916,903	1 160 041,332	23,239	22,779
2							52	37	93 562	49 041,072	1 110 124,429	22,637	22,176
3							53	38	93 021	48 155,500	1 061 083,358	22,035	21,574
4							54	39	92 433	47 260,233	1 012 927,858	21,433	20,973
5							55	40	91 776	46 345,047	965 667,625	20,836	20,376
6							56	41	91 078	45 424,720	919 322,578	20,238	19,778
7							57	42	90 325	44 492,720	873 897,858	19,641	19,181
8							58	43	89 520	43 552,205	829 405,138	19,044	18,584
9							59	44	88 635	42 589,165	785 852,933	18,452	17,992
10							60	45	87 685	41 612,570	743 263,768	17,862	17,401
11							61	46	86 638	40 608,059	701 651,199	17,279	16,818
12							62	47	85 531	39 594,337	661 043,139	16,695	16,235
13							63	48	84 333	38 557,724	621 448,802	16,117	15,657
14							64	49	83 071	37 511,915	582 891,079	15,539	15,078
15	0	99 406	82 506,331	3 530 189,369	42,787	42,327	65	50	81 706	36 439,918	545 379,164	14,967	14,506
16	1	99 068	81 210,781	3 447 683,038	42,454	41,993	66	51	80 245	35 346,312	508 939,246	14,399	13,938
17	2	99 011	80 161,596	3 366 472,257	41,996	41,536	67	52	78 710	34 242,475	473 592,934	13,831	13,370
18	3	98 961	79 132,154	3 286 310,661	41,529	41,069	68	53	77 077	33 118,013	439 350,459	13,266	12,806
19	4	98 892	78 100,581	3 207 178,506	41,065	40,604	69	54	75 333	31 968,882	406 232,446	12,707	12,247
20	5	98 826	77 085,073	3 129 077,925	40,593	40,132	70	55	73 470	30 793,234	374 263,565	12,154	11,694
21	6	98 758	76 081,041	3 051 992,852	40,115	39,655	71	56	71 478	29 588,828	343 470,331	11,608	11,148
22	7	98 694	75 093,373	2 975 911,812	39,629	39,169	72	57	69 368	28 360,602	313 881,503	11,068	10,607
23	8	98 631	74 118,372	2 900 818,438	39,138	38,677	73	58	67 072	27 083,397	285 520,901	10,542	10,082
24	9	98 570	73 158,469	2 826 700,066	38,638	38,178	74	59	64 626	25 773,453	258 437,504	10,027	9,567
25	10	98 507	72 209,066	2 753 541,597	38,133	37,673	75	60	61 995	24 419,209	232 664,052	9,528	9,068
26	11	98 441	71 269,587	2 681 332,531	37,622	37,162	76	61	59 207	23 033,161	208 244,843	9,041	8,581
27	12	98 373	70 341,140	2 610 062,944	37,106	36,645	77	62	56 271	21 620,538	185 211,682	8,566	8,106
28	13	98 303	69 423,438	2 539 721,804	36,583	36,123	78	63	53 139	20 165,057	163 591,144	8,113	7,652
29	14	98 232	68 517,128	2 470 298,366	36,054	35,593	79	64	49 848	18 682,645	143 426,087	7,677	7,217
30	15	98 157	67 619,329	2 401 781,238	35,519	35,059	80	65	46 491	17 209,377	124 743,441	7,249	6,788
31	16	98 079	66 731,110	2 334 161,910	34,979	34,518	81	66	42 998	15 720,094	107 534,064	6,841	6,380
32	17	97 990	65 847,829	2 267 430,800	34,434	33,974	82	67	39 452	14 245,601	91 813,970	6,445	5,985
33	18	97 900	64 974,933	2 201 582,971	33,884	33,423	83	68	35 877	12 794,752	77 568,369	6,063	5,602
34	19	97 807	64 112,161	2 136 608,037	33,326	32,866	84	69	32 318	11 383,141	64 773,617	5,690	5,230
35	20	97 707	63 255,885	2 072 495,877	32,764	32,303	85	70	28 758	10 004,258	53 390,476	5,337	4,876
36	21	97 602	62 407,705	2 009 239,991	32,195	31,735	86	71	25 210	8 661,480	43 386,218	5,009	4,549
37	22	97 492	61 567,703	1 946 832,286	31,621	31,161	87	72	21 748	7 380,031	34 724,738	4,705	4,245
38	23	97 373	60 733,591	1 885 264,583	31,042	30,581	88	73	18 374	6 157,969	27 344,707	4,441	3,980
39	24	97 246	59 905,584	1 824 530,992	30,457	29,996	89	74	15 332	5 075,002	21 186,738	4,175	3,714
40	25	97 110	59 083,120	1 764 625,408	29,867	29,406	90	75	12 565	4 107,694	16 111,736	3,922	3,462
41	26	96 956	58 261,155	1 705 542,288	29,274	28,814	91	76	10 198	3 292,968	12 004,042	3,645	3,185
42	27	96 786	57 441,058	1 647 281,133	28,678	28,217	92	77	8 010	2 554,259	8 711,074	3,410	2,950
43	28	96 605	56 625,802	1 589 840,075	28,076	27,616	93	78	6 088	1 917,511	6 156,816	3,211	2,750
44	29	96 394	55 804,668	1 533 214,272	27,475	27,014	94	79	4 507	1 402,078	4 239,304	3,024	2,563
45	30	96 163	54 983,176	1 477 409,605	26,870	26,410	95	80	3 241	995,685	2 837,227	2,850	2,389
46	31	95 904	54 158,602	1 422 426,429	26,264	25,804	96	81	2 256	684,701	1 841,542	2,690	2,229
47	32	95 609	53 325,250	1 368 267,827	25,659	25,199	97	82	1 519	455,168	1 156,841	2,542	2,081
48	33	95 280	52 485,816	1 314 942,577	25,053	24,593	98	83	986	291,715	701,673	2,405	1,945
49	34	94 910	51 636,092	1 262 456,761	24,449	23,989	99	84	615	179,853	409,958	2,279	1,819
							100	85	369	106,412	230,106	2,162	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 1,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	50 799,952	1 214 594,996	23,909	23,449
1							51	35	94 098	49 938,184	1 163 795,043	23,305	22,844
2							52	36	93 606	49 063,951	1 113 856,859	22,702	22,242
3							53	37	93 070	48 180,877	1 064 792,908	22,100	21,640
4							54	38	92 488	47 288,113	1 016 612,031	21,498	21,038
5							55	39	91 841	46 377,663	969 323,919	20,901	20,440
6							56	40	91 143	45 457,121	922 946,256	20,304	19,843
7							57	41	90 400	44 529,723	877 489,135	19,706	19,245
8							58	42	89 605	43 593,442	832 959,412	19,107	18,647
9							59	43	88 729	42 634,167	789 365,969	18,515	18,054
10							60	44	87 784	41 659,679	746 731,802	17,925	17,464
11							61	45	86 755	40 663,059	705 072,123	17,339	16,879
12							62	46	85 664	39 655,840	664 409,064	16,754	16,294
13							63	47	84 480	38 624,754	624 753,224	16,175	15,715
14							64	48	83 226	37 581,552	586 128,471	15,596	15,136
15							65	49	81 877	36 516,313	548 546,919	15,022	14,562
16	0	99 386	81 471,458	3 452 102,031	42,372	41,912	66	50	80 433	35 429,091	512 030,606	14,452	13,992
17	1	99 039	80 184,395	3 370 630,572	42,036	41,576	67	51	78 907	34 327,978	476 601,515	13,884	13,423
18	2	98 977	79 144,914	3 290 446,177	41,575	41,115	68	52	77 291	33 210,032	442 273,537	13,317	12,857
19	3	98 906	78 111,781	3 211 301,263	41,112	40,651	69	53	75 563	32 066,337	409 063,505	12,757	12,296
20	4	98 838	77 094,313	3 133 189,483	40,641	40,181	70	54	73 704	30 891,659	376 997,168	12,204	11,743
21	5	98 767	76 087,924	3 056 095,170	40,165	39,705	71	55	71 737	29 695,659	346 105,508	11,655	11,195
22	6	98 702	75 099,395	2 980 007,246	39,681	39,220	72	56	69 632	28 468,580	316 409,849	11,114	10,654
23	7	98 639	74 124,565	2 904 907,852	39,190	38,729	73	57	67 350	27 195,613	287 941,269	10,588	10,127
24	8	98 576	73 163,013	2 830 783,287	38,691	38,231	74	58	64 922	25 891,509	260 745,656	10,071	9,610
25	9	98 513	72 213,651	2 757 620,273	38,187	37,727	75	59	62 293	24 536,453	234 854,146	9,572	9,111
26	10	98 449	71 275,329	2 685 406,623	37,677	37,216	76	60	59 533	23 159,796	210 317,694	9,081	8,621
27	11	98 381	70 346,727	2 614 131,294	37,161	36,700	77	61	56 593	21 744,164	187 157,898	8,607	8,147
28	12	98 311	69 428,760	2 543 784,567	36,639	36,178	78	62	53 474	20 292,387	165 413,734	8,152	7,691
29	13	98 242	68 523,868	2 474 355,807	36,109	35,649	79	63	50 182	18 808,070	145 121,347	7,716	7,256
30	14	98 169	67 627,701	2 405 831,939	35,575	35,114	80	64	46 828	17 334,110	126 313,277	7,287	6,827
31	15	98 092	66 740,157	2 338 204,238	35,034	34,574	81	65	43 334	15 842,755	108 979,167	6,879	6,418
32	16	98 006	65 858,417	2 271 464,081	34,490	34,030	82	66	39 779	14 363,667	93 136,412	6,484	6,024
33	17	97 917	64 986,341	2 205 605,664	33,940	33,479	83	67	36 204	12 911,207	78 772,745	6,101	5,641
34	18	97 829	64 126,168	2 140 619,323	33,381	32,921	84	68	32 638	11 495,743	65 861,538	5,729	5,269
35	19	97 728	63 269,492	2 076 493,155	32,820	32,359	85	69	29 077	10 115,198	54 365,795	5,375	4,914
36	20	97 623	62 420,875	2 013 223,663	32,252	31,792	86	70	25 514	8 766,221	44 250,596	5,048	4,587
37	21	97 513	61 581,014	1 950 802,788	31,679	31,218	87	71	22 042	7 479,834	35 484,376	4,744	4,284
38	22	97 396	60 747,551	1 889 221,774	31,100	30,639	88	72	18 663	6 254,762	28 004,542	4,477	4,017
39	23	97 269	59 919,213	1 828 474,223	30,516	30,055	89	73	15 602	5 164,531	21 749,780	4,211	3,751
40	24	97 132	59 096,556	1 768 555,011	29,927	29,466	90	74	12 812	4 188,635	16 585,248	3,960	3,499
41	25	96 978	58 274,141	1 709 458,455	29,335	28,874	91	75	10 431	3 368,011	12 396,613	3,681	3,220
42	26	96 812	57 456,408	1 651 184,314	28,738	28,278	92	76	8 218	2 620,687	9 028,602	3,445	2,985
43	27	96 630	56 640,423	1 593 727,906	28,138	27,677	93	77	6 270	1 974,687	6 407,915	3,245	2,785
44	28	96 419	55 819,166	1 537 087,483	27,537	27,077	94	78	4 662	1 450,312	4 433,228	3,057	2,596
45	29	96 189	54 998,430	1 481 268,317	26,933	26,473	95	79	3 367	1 034,532	2 982,915	2,883	2,423
46	30	95 931	54 173,469	1 426 269,887	26,328	25,867	96	80	2 359	715,745	1 948,383	2,722	2,262
47	31	95 640	53 342,641	1 372 096,418	25,722	25,262	97	81	1 598	478,870	1 232,639	2,574	2,114
48	32	95 313	52 504,000	1 318 753,776	25,117	24,657	98	82	1 045	309,304	753,768	2,437	1,977
49	33	94 944	51 654,781	1 266 249,776	24,514	24,053	99	83	658	192,347	444,464	2,311	1,850
							100	84	398	114,914	252,117	2,194	1,734

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	50 818,338	1 218 050,785	23,969	23,508
1							51	34	94 136	49 958,458	1 167 232,447	23,364	22,904
2							52	35	93 646	49 084,869	1 117 273,988	22,762	22,302
3							53	36	93 114	48 203,355	1 068 189,119	22,160	21,700
4							54	37	92 536	47 313,032	1 019 985,765	21,558	21,098
5							55	38	91 895	46 405,022	972 672,732	20,961	20,500
6							56	39	91 207	45 489,112	926 267,711	20,362	19,902
7							57	40	90 464	44 561,486	880 778,599	19,765	19,305
8							58	41	89 680	43 629,698	836 217,113	19,166	18,706
9							59	42	88 813	42 674,535	792 587,415	18,573	18,112
10							60	43	87 877	41 703,700	749 912,880	17,982	17,522
11							61	44	86 854	40 709,094	708 209,180	17,397	16,936
12							62	45	85 780	39 709,549	667 500,087	16,810	16,349
13							63	46	84 611	38 684,751	627 790,537	16,228	15,768
14							64	47	83 370	37 646,885	589 105,787	15,648	15,188
15							65	48	82 029	36 584,102	551 458,902	15,074	14,613
16							66	49	80 601	35 503,366	514 874,800	14,502	14,042
17	0	99 357	80 441,778	3 374 704,059	41,952	41,492	67	50	79 092	34 408,372	479 371,434	13,932	13,471
18	1	99 005	79 167,424	3 294 262,281	41,611	41,151	68	51	77 484	33 292,958	444 963,062	13,365	12,905
19	2	98 922	78 124,376	3 215 094,857	41,154	40,693	69	52	75 772	32 155,435	411 670,104	12,803	12,342
20	3	98 852	77 105,368	3 136 970,482	40,684	40,224	70	53	73 929	30 985,831	379 514,669	12,248	11,788
21	4	98 779	76 097,044	3 059 865,113	40,210	39,750	71	54	71 966	29 790,576	348 528,838	11,699	11,239
22	5	98 711	75 106,189	2 983 768,069	39,727	39,267	72	55	69 883	28 571,367	318 738,262	11,156	10,695
23	6	98 647	74 130,508	2 908 661,881	39,237	38,777	73	56	67 606	27 299,156	290 166,895	10,629	10,169
24	7	98 584	73 169,126	2 834 531,372	38,739	38,279	74	57	65 191	25 998,787	262 867,739	10,111	9,650
25	8	98 519	72 218,136	2 761 362,246	38,236	37,776	75	58	62 578	24 648,843	236 868,952	9,610	9,149
26	9	98 455	71 279,854	2 689 144,110	37,727	37,266	76	59	59 819	23 270,993	212 220,109	9,120	8,659
27	10	98 389	70 352,395	2 617 864,256	37,211	36,750	77	60	56 904	21 863,712	188 949,116	8,642	8,182
28	11	98 318	69 434,274	2 547 511,861	36,690	36,229	78	61	53 780	20 408,419	167 085,405	8,187	7,727
29	12	98 250	68 529,121	2 478 077,587	36,161	35,701	79	62	50 499	18 926,831	146 676,986	7,750	7,289
30	13	98 179	67 634,354	2 409 548,466	35,626	35,166	80	63	47 142	17 450,481	127 750,154	7,321	6,860
31	14	98 104	66 748,420	2 341 914,112	35,086	34,625	81	64	43 648	15 957,583	110 299,673	6,912	6,452
32	15	98 019	65 867,346	2 275 165,691	34,542	34,081	82	65	40 090	14 475,745	94 342,090	6,517	6,057
33	16	97 933	64 996,790	2 209 298,345	33,991	33,530	83	66	36 504	13 018,213	79 866,345	6,135	5,675
34	17	97 846	64 137,427	2 144 301,556	33,433	32,973	84	67	32 935	11 600,375	66 848,132	5,763	5,302
35	18	97 750	63 283,315	2 080 164,129	32,871	32,410	85	68	29 365	10 215,258	55 247,758	5,408	4,948
36	19	97 644	62 434,302	2 016 880,814	32,304	31,844	86	69	25 797	8 863,432	45 032,500	5,081	4,620
37	20	97 534	61 594,010	1 954 446,512	31,731	31,271	87	70	22 309	7 570,285	36 169,068	4,778	4,317
38	21	97 417	60 760,684	1 892 852,502	31,153	30,692	88	71	18 915	6 339,348	28 598,783	4,511	4,051
39	22	97 291	59 932,985	1 832 091,818	30,569	30,109	89	72	15 848	5 245,710	22 259,435	4,243	3,783
40	23	97 154	59 110,001	1 772 158,833	29,981	29,520	90	73	13 038	4 262,528	17 013,725	3,991	3,531
41	24	97 000	58 287,392	1 713 048,832	29,390	28,929	91	74	10 636	3 434,378	12 751,197	3,713	3,252
42	25	96 834	57 469,215	1 654 761,440	28,794	28,333	92	75	8 405	2 680,410	9 316,820	3,476	3,016
43	26	96 656	56 655,559	1 597 292,225	28,193	27,733	93	76	6 433	2 026,042	6 636,410	3,276	2,815
44	27	96 444	55 833,578	1 540 636,666	27,593	27,133	94	77	4 801	1 493,557	4 610,367	3,087	2,626
45	28	96 214	55 012,719	1 484 803,088	26,990	26,530	95	78	3 483	1 070,122	3 116,810	2,913	2,452
46	29	95 957	54 188,499	1 429 790,369	26,385	25,925	96	79	2 451	743,670	2 046,688	2,752	2,292
47	30	95 667	53 357,285	1 375 601,870	25,781	25,321	97	80	1 670	500,582	1 303,018	2,603	2,143
48	31	95 344	52 521,123	1 322 244,585	25,175	24,715	98	81	1 099	325,411	802,436	2,466	2,006
49	32	94 977	51 672,677	1 269 723,462	24,572	24,112	99	82	698	203,945	477,025	2,339	1,879
							100	83	426	122,897	273,080	2,222	1,762

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	50 835,945	1 221 216,162	24,023	23,562
1							51	33	94 170	49 976,540	1 170 380,217	23,419	22,958
2							52	34	93 684	49 104,797	1 120 403,678	22,817	22,356
3							53	35	93 153	48 223,905	1 071 298,881	22,215	21,755
4							54	36	92 580	47 335,106	1 023 074,975	21,613	21,153
5							55	37	91 943	46 429,476	975 739,870	21,016	20,555
6							56	38	91 261	45 515,947	929 310,394	20,417	19,957
7							57	39	90 528	44 592,846	883 794,447	19,819	19,359
8							58	40	89 744	43 660,819	839 201,601	19,221	18,761
9							59	41	88 887	42 710,026	795 540,782	18,627	18,166
10							60	42	87 960	41 743,187	752 830,756	18,035	17,574
11							61	43	86 945	40 752,109	711 087,569	17,449	16,989
12							62	44	85 877	39 754,505	670 335,460	16,862	16,401
13							63	45	84 726	38 737,145	630 580,955	16,278	15,818
14							64	46	83 500	37 705,363	591 843,810	15,697	15,236
15							65	47	82 172	36 647,701	554 138,447	15,121	14,660
16							66	48	80 751	35 569,275	517 490,746	14,549	14,088
17							67	49	79 258	34 480,508	481 921,472	13,977	13,516
18	0	99 323	79 421,542	3 298 019,514	41,526	41,065	68	50	77 666	33 370,928	447 440,964	13,408	12,948
19	1	98 950	78 146,595	3 218 597,972	41,187	40,726	69	51	75 962	32 235,727	414 070,036	12,845	12,385
20	2	98 868	77 117,801	3 140 451,377	40,723	40,262	70	52	74 135	31 071,926	381 834,309	12,289	11,828
21	3	98 793	76 107,957	3 063 333,576	40,250	39,789	71	53	72 185	29 881,391	350 762,383	11,738	11,278
22	4	98 723	75 115,191	2 987 225,619	39,769	39,308	72	54	70 107	28 662,691	320 880,992	11,195	10,735
23	5	98 656	74 137,215	2 912 110,428	39,280	38,820	73	55	67 850	27 397,720	292 218,301	10,666	10,205
24	6	98 592	73 174,993	2 837 973,213	38,783	38,323	74	56	65 439	26 097,773	264 820,581	10,147	9,687
25	7	98 528	72 224,170	2 764 798,220	38,281	37,820	75	57	62 838	24 750,972	238 722,807	9,645	9,185
26	8	98 461	71 284,282	2 692 574,050	37,772	37,312	76	58	60 093	23 377,586	213 971,835	9,153	8,692
27	9	98 395	70 356,861	2 621 289,768	37,257	36,797	77	59	57 177	21 968,686	190 594,249	8,676	8,215
28	10	98 326	69 439,868	2 550 932,907	36,736	36,275	78	60	54 076	20 520,623	168 625,563	8,217	7,757
29	11	98 257	68 534,564	2 481 493,039	36,208	35,748	79	61	50 788	19 035,054	148 104,940	7,781	7,320
30	12	98 186	67 639,539	2 412 958,474	35,674	35,213	80	62	47 440	17 560,670	129 069,886	7,350	6,890
31	13	98 114	66 754,987	2 345 318,936	35,133	34,673	81	63	43 941	16 064,713	111 509,215	6,941	6,481
32	14	98 031	65 875,501	2 278 563,948	34,589	34,129	82	64	40 380	14 580,664	95 444,502	6,546	6,086
33	15	97 946	65 005,602	2 212 688,448	34,038	33,578	83	65	36 789	13 119,792	80 863,838	6,163	5,703
34	16	97 862	64 147,739	2 147 682,845	33,480	33,020	84	66	33 208	11 696,517	67 744,046	5,792	5,331
35	17	97 767	63 294,426	2 083 535,106	32,918	32,458	85	67	29 632	10 308,234	56 047,528	5,437	4,977
36	18	97 665	62 447,943	2 020 240,681	32,351	31,890	86	68	26 053	8 951,109	45 739,294	5,110	4,650
37	19	97 555	61 607,258	1 957 792,737	31,779	31,318	87	69	22 556	7 654,235	36 788,185	4,806	4,346
38	20	97 437	60 773,507	1 896 185,479	31,201	30,740	88	70	19 144	6 416,008	29 133,950	4,541	4,080
39	21	97 312	59 945,942	1 835 411,972	30,618	30,157	89	71	16 062	5 316,650	22 717,943	4,273	3,813
40	22	97 177	59 123,587	1 775 466,030	30,030	29,569	90	72	13 243	4 329,528	17 401,293	4,019	3,559
41	23	97 022	58 300,653	1 716 342,443	29,440	28,979	91	73	10 824	3 494,964	13 071,765	3,740	3,280
42	24	96 856	57 482,283	1 658 041,790	28,844	28,384	92	74	8 571	2 733,227	9 576,801	3,504	3,043
43	25	96 678	56 668,187	1 600 559,506	28,244	27,784	93	75	6 579	2 072,214	6 843,574	3,303	2,842
44	26	96 470	55 848,499	1 543 891,319	27,644	27,184	94	76	4 926	1 532,400	4 771,360	3,114	2,653
45	27	96 239	55 026,923	1 488 042,820	27,042	26,582	95	77	3 587	1 102,031	3 238,960	2,939	2,479
46	28	95 982	54 202,577	1 433 015,897	26,438	25,978	96	78	2 535	769,254	2 136,930	2,778	2,318
47	29	95 693	53 372,088	1 378 813,320	25,834	25,374	97	79	1 735	520,113	1 367,676	2,630	2,169
48	30	95 371	52 535,541	1 325 441,232	25,229	24,769	98	80	1 149	340,165	847,563	2,492	2,031
49	31	95 008	51 689,529	1 272 905,691	24,626	24,166	99	81	734	214,565	507,398	2,365	1,904
							100	82	451	130,308	292,833	2,247	1,787



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	50 852,524	1 224 116,386	24,072	23,612
1							51	32	94 203	49 993,855	1 173 263,863	23,468	23,008
2							52	33	93 718	49 122,569	1 123 270,008	22,867	22,406
3							53	34	93 191	48 243,484	1 074 147,439	22,265	21,805
4							54	35	92 619	47 355,286	1 025 903,955	21,664	21,204
5							55	36	91 986	46 451,137	978 548,669	21,066	20,606
6							56	37	91 309	45 539,933	932 097,532	20,468	20,007
7							57	38	90 581	44 619,153	886 557,600	19,869	19,409
8							58	39	89 807	43 691,546	841 938,447	19,270	18,810
9							59	40	88 950	42 740,491	798 246,902	18,677	18,216
10							60	41	88 034	41 777,903	755 506,410	18,084	17,623
11							61	42	87 028	40 790,695	713 728,507	17,497	17,037
12							62	43	85 968	39 796,512	672 937,812	16,909	16,449
13							63	44	84 822	38 781,000	633 141,300	16,326	15,866
14							64	45	83 613	37 756,431	594 360,301	15,742	15,282
15							65	46	82 300	36 704,627	556 603,870	15,164	14,704
16							66	47	80 891	35 631,110	519 899,243	14,591	14,131
17							67	48	79 405	34 544,518	484 268,134	14,019	13,558
18							68	49	77 829	33 440,889	449 723,616	13,448	12,988
19	0	99 268	78 397,437	3 222 065,535	41,099	40,639	69	50	76 140	32 311,221	416 282,728	12,884	12,423
20	1	98 896	77 139,734	3 143 668,098	40,753	40,293	70	51	74 320	31 149,513	383 971,507	12,327	11,866
21	2	98 809	76 120,228	3 066 528,364	40,285	39,825	71	52	72 386	29 964,418	352 821,994	11,775	11,314
22	3	98 737	75 125,963	2 990 408,136	39,805	39,345	72	53	70 320	28 750,067	322 857,576	11,230	10,769
23	4	98 667	74 146,101	2 915 282,173	39,318	38,858	73	54	68 067	27 485,293	294 107,509	10,701	10,240
24	5	98 601	73 181,613	2 841 136,072	38,823	38,363	74	55	65 675	26 192,000	266 622,216	10,180	9,719
25	6	98 536	72 229,961	2 767 954,458	38,321	37,861	75	56	63 077	24 845,207	240 430,216	9,677	9,217
26	7	98 469	71 290,238	2 695 724,497	37,813	37,353	76	57	60 342	23 474,448	215 585,009	9,184	8,723
27	8	98 401	70 361,232	2 624 434,260	37,299	36,839	77	58	57 439	22 069,314	192 110,561	8,705	8,244
28	9	98 333	69 444,277	2 554 073,028	36,779	36,318	78	59	54 335	20 619,149	170 041,246	8,247	7,786
29	10	98 265	68 540,086	2 484 628,751	36,251	35,790	79	60	51 067	19 139,708	149 422,098	7,807	7,347
30	11	98 194	67 644,911	2 416 088,665	35,717	35,257	80	61	47 711	17 661,082	130 282,390	7,377	6,916
31	12	98 121	66 760,105	2 348 443,754	35,177	34,717	81	62	44 219	16 166,152	112 621,308	6,966	6,506
32	13	98 041	65 881,982	2 281 683,649	34,633	34,173	82	63	40 651	14 678,550	96 455,156	6,571	6,111
33	14	97 958	65 013,651	2 215 801,668	34,082	33,622	83	64	37 055	13 214,884	81 776,606	6,188	5,728
34	15	97 875	64 156,436	2 150 788,017	33,524	33,064	84	65	33 467	11 787,783	68 561,721	5,816	5,356
35	16	97 783	63 304,603	2 086 631,581	32,962	32,501	85	66	29 878	10 393,668	56 773,938	5,462	5,002
36	17	97 682	62 458,907	2 023 326,978	32,395	31,934	86	67	26 290	9 032,580	46 380,270	5,135	4,674
37	18	97 576	61 620,719	1 960 868,071	31,822	31,361	87	68	22 780	7 729,951	37 347,691	4,832	4,371
38	19	97 458	60 786,579	1 899 247,352	31,245	30,784	88	69	19 356	6 487,157	29 617,740	4,566	4,105
39	20	97 332	59 958,593	1 838 460,773	30,662	30,202	89	70	16 256	5 380,942	23 130,583	4,299	3,838
40	21	97 198	59 136,369	1 778 502,181	30,075	29,614	90	71	13 422	4 388,078	17 749,641	4,045	3,585
41	22	97 044	58 314,053	1 719 365,811	29,485	29,024	91	72	10 994	3 549,899	13 361,563	3,764	3,304
42	23	96 878	57 495,361	1 661 051,758	28,890	28,430	92	73	8 722	2 781,444	9 811,664	3,528	3,067
43	24	96 700	56 681,074	1 603 556,397	28,291	27,830	93	74	6 709	2 113,046	7 030,219	3,327	2,867
44	25	96 492	55 860,947	1 546 875,323	27,692	27,231	94	75	5 038	1 567,322	4 917,173	3,137	2,677
45	26	96 265	55 041,628	1 491 014,376	27,089	26,628	95	76	3 680	1 130,691	3 349,851	2,963	2,502
46	27	96 007	54 216,572	1 435 972,748	26,486	26,025	96	77	2 611	792,191	2 219,160	2,801	2,341
47	28	95 718	53 385,954	1 381 756,176	25,882	25,422	97	78	1 795	538,006	1 426,969	2,652	2,192
48	29	95 397	52 550,116	1 328 370,222	25,278	24,818	98	79	1 194	353,437	888,963	2,515	2,055
49	30	95 034	51 703,719	1 275 820,105	24,676	24,215	99	80	767	224,294	535,527	2,388	1,927
							100	81	475	137,093	311,233	2,270	1,810

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	50 866,484	1 226 772,686	24,118	23,657
1							51	31	94 233	50 010,159	1 175 906,202	23,513	23,053
2							52	32	93 750	49 139,588	1 125 896,043	22,912	22,452
3							53	33	93 225	48 260,944	1 076 756,455	22,311	21,851
4							54	34	92 657	47 374,512	1 028 495,511	21,710	21,250
5							55	35	92 026	46 470,941	981 120,999	21,113	20,652
6							56	36	91 352	45 561,179	934 650,058	20,514	20,054
7							57	37	90 629	44 642,666	889 088,879	19,916	19,455
8							58	38	89 860	43 717,320	844 446,214	19,316	18,856
9							59	39	89 013	42 770,570	800 728,894	18,721	18,261
10							60	40	88 096	41 807,703	757 958,324	18,130	17,669
11							61	41	87 100	40 824,620	716 150,620	17,542	17,082
12							62	42	86 049	39 834,193	675 326,001	16,953	16,493
13							63	43	84 911	38 821,978	635 491,808	16,369	15,909
14							64	44	83 707	37 799,175	596 669,830	15,785	15,325
15							65	45	82 411	36 754,339	558 870,655	15,206	14,745
16							66	46	81 017	35 686,456	522 116,316	14,631	14,170
17							67	47	79 543	34 604,571	486 429,860	14,057	13,596
18							68	48	77 973	33 502,968	451 825,289	13,486	13,026
19							69	49	76 299	32 378,960	418 322,320	12,920	12,459
20	0	99 213	77 387,344	3 146 870,173	40,664	40,203	70	50	74 494	31 222,463	385 943,360	12,361	11,901
21	1	98 837	76 141,878	3 069 482,829	40,313	39,852	71	51	72 567	30 039,239	354 720,897	11,809	11,348
22	2	98 753	75 138,077	2 993 340,951	39,838	39,377	72	52	70 516	28 829,950	324 681,658	11,262	10,802
23	3	98 682	74 156,734	2 918 202,874	39,352	38,891	73	53	68 275	27 569,080	295 851,708	10,731	10,271
24	4	98 613	73 190,385	2 844 046,140	38,858	38,398	74	54	65 885	26 275,718	268 282,628	10,210	9,750
25	5	98 545	72 236,496	2 770 855,755	38,358	37,898	75	55	63 305	24 934,911	242 006,909	9,706	9,245
26	6	98 477	71 295,954	2 698 619,259	37,851	37,391	76	56	60 571	23 563,823	217 071,998	9,212	8,752
27	7	98 409	70 367,110	2 627 323,305	37,337	36,877	77	57	57 677	22 160,756	193 508,174	8,732	8,272
28	8	98 339	69 448,591	2 556 956,195	36,818	36,358	78	58	54 584	20 713,595	171 347,419	8,272	7,812
29	9	98 272	68 544,437	2 487 507,605	36,290	35,830	79	59	51 312	19 231,603	150 633,823	7,833	7,372
30	10	98 202	67 650,361	2 418 963,167	35,757	35,296	80	60	47 973	17 758,182	131 402,220	7,400	6,939
31	11	98 129	66 765,407	2 351 312,806	35,218	34,757	81	61	44 471	16 258,590	113 644,038	6,990	6,529
32	12	98 049	65 887,032	2 284 547,399	34,674	34,213	82	62	40 908	14 771,237	97 385,449	6,593	6,133
33	13	97 968	65 020,047	2 218 660,367	34,123	33,662	83	63	37 304	13 303,601	82 614,212	6,210	5,750
34	14	97 887	64 164,380	2 153 640,320	33,564	33,104	84	64	33 709	11 873,221	69 310,611	5,838	5,377
35	15	97 796	63 313,185	2 089 475,941	33,002	32,542	85	65	30 111	10 474,768	57 437,391	5,483	5,023
36	16	97 698	62 468,950	2 026 162,755	32,435	31,974	86	66	26 508	9 107,441	46 962,622	5,157	4,696
37	17	97 593	61 631,537	1 963 693,805	31,862	31,401	87	67	22 987	7 800,306	37 855,182	4,853	4,393
38	18	97 480	60 799,860	1 902 062,268	31,284	30,824	88	68	19 548	6 551,328	30 054,876	4,588	4,127
39	19	97 353	59 971,490	1 841 262,408	30,702	30,242	89	69	16 436	5 440,613	23 503,548	4,320	3,860
40	20	97 218	59 148,849	1 781 290,918	30,115	29,655	90	70	13 585	4 441,142	18 062,935	4,067	3,607
41	21	97 065	58 326,661	1 722 142,069	29,526	29,065	91	71	11 143	3 597,906	13 621,793	3,786	3,326
42	22	96 900	57 508,576	1 663 815,409	28,932	28,471	92	72	8 859	2 825,164	10 023,887	3,548	3,088
43	23	96 722	56 693,969	1 606 306,832	28,333	27,873	93	73	6 827	2 150,323	7 198,723	3,348	2,887
44	24	96 514	55 873,650	1 549 612,863	27,734	27,274	94	74	5 138	1 598,205	5 048,399	3,159	2,698
45	25	96 286	55 053,896	1 493 739,213	27,132	26,672	95	75	3 764	1 156,458	3 450,194	2,983	2,523
46	26	96 033	54 231,060	1 438 685,317	26,529	26,068	96	76	2 679	812,794	2 293,736	2,822	2,362
47	27	95 743	53 399,738	1 384 454,256	25,926	25,466	97	77	1 849	554,048	1 480,942	2,673	2,213
48	28	95 422	52 563,769	1 331 054,518	25,323	24,862	98	78	1 235	365,596	926,894	2,535	2,075
49	29	95 060	51 718,063	1 278 490,749	24,720	24,260	99	79	797	233,045	561,298	2,409	1,948
							100	80	496	143,309	328,254	2,291	1,830

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	50 880,596	1 229 206,865	24,159	23,698
1							51	30	94 259	50 023,888	1 178 326,269	23,555	23,095
2							52	31	93 781	49 155,614	1 128 302,382	22,954	22,493
3							53	32	93 257	48 277,665	1 079 146,768	22,353	21,893
4							54	33	92 690	47 391,658	1 030 869,103	21,752	21,292
5							55	34	92 063	46 489,807	983 477,445	21,155	20,694
6							56	35	91 391	45 580,603	936 987,638	20,557	20,096
7							57	36	90 671	44 663,493	891 407,035	19,958	19,498
8							58	37	89 907	43 740,358	846 743,542	19,358	18,898
9							59	38	89 065	42 795,801	803 003,184	18,764	18,303
10							60	39	88 158	41 837,126	760 207,383	18,171	17,710
11							61	40	87 162	40 853,740	718 370,257	17,584	17,124
12							62	41	86 121	39 867,322	677 516,517	16,994	16,534
13							63	42	84 992	38 858,736	637 649,195	16,409	15,949
14							64	43	83 796	37 839,116	598 790,459	15,825	15,364
15							65	44	82 504	36 795,949	560 951,343	15,245	14,785
16							66	45	81 127	35 734,790	524 155,394	14,668	14,208
17							67	46	79 666	34 658,323	488 420,604	14,092	13,632
18							68	47	78 109	33 561,211	453 762,281	13,520	13,060
19							69	48	76 441	32 439,068	420 201,070	12,954	12,493
20							70	49	74 650	31 287,920	387 762,002	12,393	11,933
21	0	99 154	76 386,285	3 072 441,342	40,222	39,762	71	50	72 736	30 109,589	356 474,082	11,839	11,379
22	1	98 781	75 159,447	2 996 055,057	39,863	39,402	72	51	70 692	28 901,939	326 364,493	11,292	10,832
23	2	98 698	74 168,691	2 920 895,610	39,382	38,921	73	52	68 464	27 645,682	297 462,554	10,760	10,299
24	3	98 627	73 200,881	2 846 726,919	38,889	38,429	74	53	66 086	26 355,819	269 816,872	10,237	9,777
25	4	98 556	72 245,154	2 773 526,038	38,390	37,930	75	54	63 507	25 014,612	243 461,054	9,733	9,272
26	5	98 486	71 302,404	2 701 280,884	37,885	37,424	76	55	60 790	23 648,901	218 446,442	9,237	8,777
27	6	98 417	70 372,753	2 629 978,480	37,372	36,912	77	56	57 897	22 245,129	194 797,541	8,757	8,296
28	7	98 347	69 454,393	2 559 605,728	36,853	36,393	78	57	54 810	20 799,420	172 552,412	8,296	7,836
29	8	98 278	68 548,695	2 490 151,335	36,327	35,866	79	58	51 548	19 319,694	151 752,992	7,855	7,394
30	9	98 208	67 654,656	2 421 602,640	35,794	35,333	80	59	48 204	17 843,444	132 433,298	7,422	6,962
31	10	98 137	66 770,786	2 353 947,984	35,254	34,794	81	60	44 716	16 347,978	114 589,854	7,009	6,549
32	11	98 056	65 892,265	2 287 177,197	34,711	34,250	82	61	41 142	14 855,698	98 241,876	6,613	6,153
33	12	97 975	65 025,031	2 221 284,932	34,160	33,700	83	62	37 540	13 387,605	83 386,178	6,229	5,768
34	13	97 897	64 170,692	2 156 259,901	33,602	33,142	84	63	33 936	11 952,930	69 998,572	5,856	5,396
35	14	97 808	63 321,024	2 092 089,209	33,039	32,579	85	64	30 329	10 550,689	58 045,642	5,502	5,041
36	15	97 711	62 477,419	2 028 768,184	32,472	32,012	86	65	26 714	9 178,504	47 494,953	5,175	4,714
37	16	97 609	61 641,447	1 966 290,765	31,899	31,438	87	66	23 177	7 864,954	38 316,449	4,872	4,411
38	17	97 497	60 810,534	1 904 649,318	31,321	30,861	88	67	19 725	6 610,956	30 451,494	4,606	4,146
39	18	97 375	59 984,593	1 843 838,784	30,739	30,278	89	68	16 599	5 494,432	23 840,538	4,339	3,879
40	19	97 239	59 161,572	1 783 854,191	30,152	29,692	90	69	13 735	4 490,391	18 346,106	4,086	3,625
41	20	97 086	58 338,969	1 724 692,619	29,563	29,103	91	70	11 278	3 641,415	13 855,715	3,805	3,345
42	21	96 921	57 521,009	1 666 353,649	28,969	28,509	92	71	8 979	2 863,370	10 214,301	3,567	3,107
43	22	96 744	56 707,000	1 608 832,640	28,371	27,911	93	72	6 934	2 184,123	7 350,931	3,366	2,905
44	23	96 536	55 886,362	1 552 125,640	27,773	27,312	94	73	5 228	1 626,400	5 166,808	3,177	2,716
45	24	96 308	55 066,416	1 496 239,278	27,172	26,711	95	74	3 838	1 179,246	3 540,408	3,002	2,542
46	25	96 054	54 243,148	1 441 172,862	26,569	26,108	96	75	2 740	831,316	2 361,162	2,840	2,380
47	26	95 768	53 414,008	1 386 929,714	25,966	25,505	97	76	1 897	568,457	1 529,845	2,691	2,231
48	27	95 447	52 577,341	1 333 515,706	25,363	24,903	98	77	1 272	376,497	961,389	2,554	2,093
49	28	95 085	51 731,500	1 280 938,365	24,761	24,301	99	78	825	241,062	584,892	2,426	1,966
							100	79	516	148,900	343,830	2,309	1,849

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	50 893,815	1 231 437,670	24,196	23,736
1							51	29	94 285	50 037,766	1 180 543,855	23,593	23,133
2							52	30	93 807	49 169,108	1 130 506,088	22,992	22,532
3							53	31	93 288	48 293,410	1 081 336,980	22,391	21,931
4							54	32	92 722	47 408,077	1 033 043,571	21,790	21,330
5							55	33	92 096	46 506,633	985 635,494	21,193	20,733
6							56	34	91 428	45 599,108	939 128,861	20,595	20,135
7							57	35	90 710	44 682,535	893 529,753	19,997	19,537
8							58	36	89 949	43 760,764	848 847,218	19,397	18,937
9							59	37	89 112	42 818,354	805 086,453	18,802	18,342
10							60	38	88 210	41 861,806	762 268,100	18,209	17,749
11							61	39	87 224	40 882,491	720 406,294	17,621	17,161
12							62	40	86 182	39 895,759	679 523,803	17,032	16,572
13							63	41	85 062	38 891,054	639 628,044	16,447	15,986
14							64	42	83 875	37 874,943	600 736,990	15,861	15,401
15							65	43	82 592	36 834,830	562 862,046	15,281	14,820
16							66	44	81 218	35 775,245	526 027,216	14,704	14,243
17							67	45	79 774	34 705,264	490 251,971	14,126	13,666
18							68	46	78 230	33 613,342	455 546,707	13,553	13,092
19							69	47	76 574	32 495,461	421 933,364	12,984	12,524
20							70	48	74 788	31 346,003	389 437,903	12,424	11,963
21							71	49	72 889	30 172,713	358 091,900	11,868	11,408
22	0	99 098	75 400,700	2 998 789,942	39,771	39,311	72	50	70 857	28 969,625	327 919,188	11,319	10,859
23	1	98 726	74 189,786	2 923 389,242	39,404	38,944	73	51	68 635	27 714,713	298 949,562	10,787	10,326
24	2	98 643	73 212,684	2 849 199,456	38,917	38,456	74	52	66 270	26 429,049	271 234,849	10,263	9,802
25	3	98 570	72 255,515	2 775 986,772	38,419	37,959	75	53	63 701	25 090,868	244 805,800	9,757	9,296
26	4	98 498	71 310,950	2 703 731,258	37,915	37,454	76	54	60 984	23 724,491	219 714,932	9,261	8,801
27	5	98 426	70 379,119	2 632 420,308	37,403	36,943	77	55	58 106	22 325,446	195 990,441	8,779	8,318
28	6	98 355	69 459,962	2 562 041,189	36,885	36,425	78	56	55 019	20 878,610	173 664,996	8,318	7,857
29	7	98 286	68 554,422	2 492 581,226	36,359	35,899	79	57	51 761	19 399,743	152 786,366	7,876	7,415
30	8	98 215	67 658,858	2 424 026,804	35,827	35,367	80	58	48 425	17 925,176	133 386,643	7,441	6,981
31	9	98 143	66 775,025	2 356 367,946	35,288	34,828	81	59	44 931	16 426,470	115 461,467	7,029	6,569
32	10	98 064	65 897,574	2 289 592,920	34,745	34,284	82	60	41 368	14 937,374	99 034,997	6,630	6,170
33	11	97 983	65 030,196	2 223 695,346	34,195	33,734	83	61	37 754	13 464,155	84 097,623	6,246	5,786
34	12	97 904	64 175,612	2 158 665,150	33,637	33,176	84	62	34 150	12 028,406	70 633,468	5,872	5,412
35	13	97 818	63 327,254	2 094 489,539	33,074	32,614	85	63	30 533	10 621,520	58 605,062	5,518	5,057
36	14	97 723	62 485,155	2 031 162,285	32,506	32,046	86	64	26 908	9 245,030	47 983,542	5,190	4,730
37	15	97 622	61 649,804	1 968 677,130	31,933	31,473	87	65	23 358	7 926,323	38 738,512	4,887	4,427
38	16	97 512	60 820,312	1 907 027,326	31,355	30,895	88	66	19 889	6 665,747	30 812,188	4,622	4,162
39	17	97 392	59 995,124	1 846 207,014	30,773	30,312	89	67	16 750	5 544,441	24 146,441	4,355	3,895
40	18	97 260	59 174,498	1 786 211,890	30,186	29,725	90	68	13 871	4 534,810	18 602,000	4,102	3,642
41	19	97 107	58 351,518	1 727 037,392	29,597	29,137	91	69	11 403	3 681,795	14 067,191	3,821	3,360
42	20	96 941	57 533,148	1 668 685,874	29,004	28,544	92	70	9 087	2 897,996	10 385,395	3,584	3,123
43	21	96 765	56 719,260	1 611 152,725	28,406	27,945	93	71	7 028	2 213,660	7 487,399	3,382	2,922
44	22	96 558	55 899,207	1 554 433,466	27,808	27,347	94	72	5 310	1 651,964	5 273,740	3,192	2,732
45	23	96 330	55 078,944	1 498 534,259	27,207	26,747	95	73	3 906	1 200,050	3 621,775	3,018	2,558
46	24	96 076	54 255,483	1 443 455,315	26,605	26,144	96	74	2 794	847,697	2 421,726	2,857	2,396
47	25	95 790	53 425,914	1 389 199,831	26,002	25,542	97	75	1 940	581,411	1 574,029	2,707	2,247
48	26	95 472	52 591,391	1 335 773,917	25,399	24,939	98	76	1 305	386,288	992,617	2,570	2,109
49	27	95 109	51 744,857	1 283 182,526	24,798	24,338	99	77	849	248,250	606,329	2,442	1,982
							100	78	533	154,023	358,079	2,325	1,864

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	50 906,956	1 233 482,800	24,230	23,770
1							51	28	94 310	50 050,766	1 182 575,844	23,628	23,167
2							52	29	93 833	49 182,749	1 132 525,078	23,027	22,566
3							53	30	93 313	48 306,667	1 083 342,328	22,426	21,966
4							54	31	92 753	47 423,539	1 035 035,662	21,825	21,365
5							55	32	92 128	46 522,746	987 612,123	21,229	20,768
6							56	33	91 461	45 615,611	941 089,377	20,631	20,170
7							57	34	90 747	44 700,675	895 473,766	20,033	19,572
8							58	35	89 987	43 779,421	850 773,090	19,433	18,973
9							59	36	89 154	42 838,330	806 993,669	18,838	18,378
10							60	37	88 257	41 883,866	764 155,340	18,245	17,784
11							61	38	87 275	40 906,608	722 271,473	17,657	17,196
12							62	39	86 243	39 923,836	681 364,865	17,067	16,606
13							63	40	85 123	38 918,795	641 441,029	16,482	16,021
14							64	41	83 945	37 906,443	602 522,234	15,895	15,435
15							65	42	82 670	36 869,707	564 615,791	15,314	14,853
16							66	43	81 304	35 813,048	527 746,084	14,736	14,276
17							67	44	79 865	34 744,554	491 933,037	14,159	13,698
18							68	45	78 336	33 658,868	457 188,482	13,583	13,123
19							69	46	76 693	32 545,937	423 529,614	13,013	12,553
20							70	47	74 918	31 400,495	390 983,677	12,452	11,991
21							71	48	73 024	30 228,725	359 583,181	11,895	11,435
22							72	49	71 006	29 030,359	329 354,456	11,345	10,885
23	0	99 043	74 427,926	2 925 918,548	39,312	38,852	73	50	68 796	27 779,619	300 324,097	10,811	10,351
24	1	98 671	73 233,507	2 851 490,622	38,937	38,477	74	51	66 435	26 495,043	272 544,478	10,287	9,826
25	2	98 586	72 267,165	2 778 257,115	38,444	37,984	75	52	63 878	25 160,583	246 049,435	9,779	9,319
26	3	98 512	71 321,177	2 705 989,950	37,941	37,481	76	53	61 170	23 796,814	220 888,852	9,282	8,822
27	4	98 438	70 387,555	2 634 668,773	37,431	36,971	77	54	58 291	22 396,805	197 092,038	8,800	8,340
28	5	98 364	69 466,246	2 564 281,219	36,914	36,454	78	55	55 218	20 953,993	174 695,233	8,337	7,877
29	6	98 294	68 559,919	2 494 814,973	36,389	35,928	79	56	51 958	19 473,604	153 741,240	7,895	7,434
30	7	98 223	67 664,511	2 426 255,053	35,857	35,397	80	57	48 625	17 999,447	134 267,636	7,460	6,999
31	8	98 149	66 779,173	2 358 590,542	35,319	34,859	81	58	45 136	16 501,712	116 268,189	7,046	6,585
32	9	98 070	65 901,758	2 291 811,369	34,776	34,316	82	59	41 567	15 009,093	99 766,477	6,647	6,187
33	10	97 991	65 035,435	2 225 909,611	34,226	33,766	83	60	37 962	13 538,180	84 757,384	6,261	5,800
34	11	97 912	64 180,709	2 160 874,176	33,669	33,208	84	61	34 345	12 097,184	71 219,204	5,887	5,427
35	12	97 825	63 332,108	2 096 693,467	33,106	32,646	85	62	30 725	10 688,588	59 122,020	5,531	5,071
36	13	97 733	62 491,302	2 033 361,359	32,538	32,078	86	63	27 089	9 307,096	48 433,431	5,204	4,744
37	14	97 634	61 657,437	1 970 870,057	31,965	31,504	87	64	23 528	7 983,773	39 126,336	4,901	4,440
38	15	97 526	60 828,558	1 909 212,619	31,387	30,926	88	65	20 044	6 717,759	31 142,562	4,636	4,175
39	16	97 407	60 004,771	1 848 384,061	30,804	30,344	89	66	16 889	5 590,392	24 424,803	4,369	3,909
40	17	97 277	59 184,887	1 788 379,291	30,217	29,756	90	67	13 997	4 576,084	18 834,411	4,116	3,655
41	18	97 128	58 364,267	1 729 194,403	29,628	29,167	91	68	11 515	3 718,216	14 258,327	3,835	3,374
42	19	96 962	57 545,524	1 670 830,136	29,035	28,575	92	69	9 188	2 930,133	10 540,111	3,597	3,137
43	20	96 785	56 731,230	1 613 284,613	28,437	27,977	93	70	7 113	2 240,429	7 609,978	3,397	2,936
44	21	96 579	55 911,292	1 556 553,383	27,840	27,379	94	71	5 382	1 674,304	5 369,550	3,207	2,747
45	22	96 352	55 091,604	1 500 642,091	27,239	26,779	95	72	3 967	1 218,912	3 695,245	3,032	2,571
46	23	96 098	54 267,827	1 445 550,487	26,637	26,177	96	73	2 843	862,652	2 476,333	2,871	2,410
47	24	95 811	53 438,063	1 391 282,661	26,035	25,575	97	74	1 978	592,868	1 613,681	2,722	2,261
48	25	95 493	52 603,113	1 337 844,597	25,433	24,972	98	75	1 335	395,091	1 020,813	2,584	2,123
49	26	95 135	51 758,684	1 285 241,484	24,831	24,371	99	76	871	254,706	625,721	2,457	1,996
							100	77	549	158,615	371,016	2,339	1,879

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	50 920,559	1 235 358,869	24,261	23,800
1							51	27	94 334	50 063,689	1 184 438,309	23,659	23,198
2							52	28	93 857	49 195,527	1 134 374,620	23,058	22,598
3							53	29	93 339	48 320,069	1 085 179,093	22,458	21,998
4							54	30	92 778	47 436,557	1 036 859,024	21,858	21,397
5							55	31	92 158	46 537,918	989 422,467	21,261	20,800
6							56	32	91 493	45 631,416	942 884,549	20,663	20,203
7							57	33	90 780	44 716,854	897 253,133	20,065	19,605
8							58	34	90 024	43 797,195	852 536,280	19,466	19,005
9							59	35	89 192	42 856,593	808 739,085	18,871	18,410
10							60	36	88 298	41 903,407	765 882,491	18,277	17,817
11							61	37	87 321	40 928,165	723 979,085	17,689	17,229
12							62	38	86 294	39 947,388	683 050,920	17,099	16,638
13							63	39	85 183	38 946,184	643 103,532	16,513	16,052
14							64	40	84 005	37 933,482	604 157,347	15,927	15,466
15							65	41	82 739	36 900,370	566 223,866	15,345	14,884
16							66	42	81 381	35 846,957	529 323,496	14,766	14,306
17							67	43	79 949	34 781,267	493 476,539	14,188	13,728
18							68	44	78 425	33 696,974	458 695,271	13,612	13,152
19							69	45	76 797	32 590,018	424 998,298	13,041	12,580
20							70	46	75 035	31 449,271	392 408,280	12,478	12,017
21							71	47	73 151	30 281,276	360 959,009	11,920	11,460
22							72	48	71 138	29 084,251	330 677,734	11,370	10,909
23							73	49	68 940	27 837,858	301 593,483	10,834	10,374
24	0	98 988	73 468,578	2 853 830,769	38,844	38,384	74	50	66 591	26 557,092	273 755,624	10,308	9,848
25	1	98 614	72 287,719	2 780 362,191	38,462	38,002	75	51	64 037	25 223,410	247 198,532	9,800	9,340
26	2	98 528	71 332,677	2 708 074,472	37,964	37,504	76	52	61 340	23 862,934	221 975,123	9,302	8,842
27	3	98 452	70 397,649	2 636 741,795	37,455	36,995	77	53	58 469	22 465,081	198 112,189	8,819	8,358
28	4	98 375	69 474,572	2 566 344,147	36,939	36,479	78	54	55 394	21 020,969	175 647,108	8,356	7,895
29	5	98 303	68 566,122	2 496 869,574	36,415	35,955	79	55	52 146	19 543,914	154 626,139	7,912	7,451
30	6	98 231	67 669,937	2 428 303,452	35,885	35,424	80	56	48 810	18 067,977	135 082,225	7,476	7,016
31	7	98 157	66 784,753	2 360 633,515	35,347	34,887	81	57	45 323	16 570,085	117 014,248	7,062	6,601
32	8	98 077	65 905,851	2 293 848,763	34,805	34,345	82	58	41 757	15 077,842	100 444,163	6,662	6,201
33	9	97 997	65 039,564	2 227 942,911	34,255	33,795	83	59	38 144	13 603,181	85 366,321	6,275	5,815
34	10	97 920	64 185,880	2 162 903,347	33,697	33,237	84	60	34 534	12 163,694	71 763,140	5,900	5,439
35	11	97 833	63 337,139	2 098 717,468	33,136	32,675	85	61	30 901	10 749,706	59 599,446	5,544	5,084
36	12	97 740	62 496,092	2 035 380,329	32,568	32,108	86	62	27 260	9 365,864	48 849,741	5,216	4,755
37	13	97 644	61 663,503	1 972 884,237	31,994	31,534	87	63	23 685	8 037,372	39 483,876	4,913	4,452
38	14	97 538	60 836,089	1 911 220,733	31,416	30,956	88	64	20 189	6 766,449	31 446,505	4,647	4,187
39	15	97 421	60 012,906	1 850 384,644	30,833	30,373	89	65	17 021	5 634,013	24 680,056	4,381	3,920
40	16	97 293	59 194,403	1 790 371,738	30,246	29,785	90	66	14 113	4 614,011	19 046,042	4,128	3,667
41	17	97 145	58 374,514	1 731 177,335	29,656	29,196	91	67	11 620	3 752,058	14 432,032	3,846	3,386
42	18	96 983	57 558,096	1 672 802,821	29,063	28,602	92	68	9 279	2 959,118	10 679,974	3,609	3,149
43	19	96 806	56 743,432	1 615 244,724	28,466	28,005	93	69	7 192	2 265,274	7 720,856	3,408	2,948
44	20	96 599	55 923,091	1 558 501,292	27,869	27,408	94	70	5 447	1 694,551	5 455,583	3,219	2,759
45	21	96 373	55 103,514	1 502 578,200	27,268	26,808	95	71	4 021	1 235,396	3 761,032	3,044	2,584
46	22	96 120	54 280,300	1 447 474,686	26,667	26,206	96	72	2 888	876,211	2 525,635	2,882	2,422
47	23	95 833	53 450,221	1 393 194,386	26,065	25,605	97	73	2 013	603,327	1 649,424	2,734	2,273
48	24	95 515	52 615,076	1 339 744,165	25,463	25,003	98	74	1 361	402,877	1 046,097	2,597	2,136
49	25	95 156	51 770,221	1 287 129,090	24,862	24,402	99	75	891	260,510	643,220	2,469	2,009
							100	76	564	162,741	382,710	2,352	1,891

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 1,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	50 931,909	1 237 078,304	24,289	23,828
1							51	26	94 359	50 077,068	1 186 146,394	23,686	23,226
2							52	27	93 881	49 208,229	1 136 069,327	23,087	22,627
3							53	28	93 363	48 332,623	1 086 861,097	22,487	22,027
4							54	29	92 804	47 449,718	1 038 528,475	21,887	21,427
5							55	30	92 183	46 550,694	991 078,757	21,290	20,830
6							56	31	91 522	45 646,297	944 528,063	20,692	20,232
7							57	32	90 811	44 732,346	898 881,766	20,095	19,634
8							58	33	90 057	43 813,046	854 149,420	19,495	19,035
9							59	34	89 228	42 873,992	810 336,373	18,900	18,440
10							60	35	88 336	41 921,272	767 462,381	18,307	17,847
11							61	36	87 362	40 947,259	725 541,109	17,719	17,259
12							62	37	86 339	39 968,439	684 593,850	17,128	16,668
13							63	38	85 233	38 969,159	644 625,411	16,542	16,082
14							64	39	84 064	37 960,178	605 656,251	15,955	15,495
15							65	40	82 798	36 926,691	567 696,074	15,374	14,913
16							66	41	81 449	35 876,770	530 769,383	14,794	14,334
17							67	42	80 025	34 814,200	494 892,613	14,215	13,755
18							68	43	78 508	33 732,580	460 078,413	13,639	13,179
19							69	44	76 884	32 626,913	426 345,833	13,067	12,607
20							70	45	75 136	31 491,865	393 718,920	12,502	12,042
21							71	46	73 265	30 328,312	362 227,055	11,944	11,483
22							72	47	71 261	29 134,812	331 898,742	11,392	10,931
23							73	48	69 068	27 889,536	302 763,930	10,856	10,395
24							74	49	66 730	26 612,768	274 874,394	10,329	9,868
25	0	98 931	72 519,754	2 782 528,125	38,369	37,909	75	50	64 187	25 282,481	248 261,626	9,820	9,359
26	1	98 556	71 352,965	2 710 008,371	37,980	37,520	76	51	61 494	23 922,520	222 979,145	9,321	8,860
27	2	98 468	70 409,000	2 638 655,406	37,476	37,016	77	52	58 631	22 527,501	199 056,625	8,836	8,376
28	3	98 390	69 484,535	2 568 246,407	36,961	36,501	78	53	55 563	21 085,050	176 529,124	8,372	7,912
29	4	98 314	68 574,340	2 498 761,871	36,439	35,978	79	54	52 312	19 606,383	155 444,074	7,928	7,468
30	5	98 239	67 676,059	2 430 187,531	35,909	35,449	80	55	48 987	18 133,212	135 837,691	7,491	7,031
31	6	98 165	66 790,108	2 362 511,472	35,372	34,912	81	56	45 496	16 633,172	117 704,479	7,076	6,616
32	7	98 085	65 911,358	2 295 721,364	34,830	34,370	82	57	41 930	15 140,315	101 071,307	6,676	6,215
33	8	98 003	65 043,604	2 229 810,006	34,282	33,821	83	58	38 319	13 665,491	85 930,991	6,288	5,828
34	9	97 926	64 189,955	2 164 766,402	33,724	33,264	84	59	34 700	12 222,095	72 265,500	5,913	5,452
35	10	97 841	63 342,241	2 100 576,448	33,162	32,702	85	60	31 071	10 808,807	60 043,405	5,555	5,095
36	11	97 748	62 501,056	2 037 234,206	32,595	32,135	86	61	27 416	9 419,418	49 234,598	5,227	4,767
37	12	97 651	61 668,230	1 974 733,150	32,022	31,561	87	62	23 835	8 088,123	39 815,180	4,923	4,462
38	13	97 547	60 842,074	1 913 064,920	31,443	30,983	88	63	20 325	6 811,875	31 727,057	4,658	4,197
39	14	97 433	60 020,336	1 852 222,845	30,860	30,400	89	64	17 144	5 674,848	24 915,182	4,390	3,930
40	15	97 306	59 202,429	1 792 202,509	30,272	29,812	90	65	14 224	4 650,013	19 240,334	4,138	3,677
41	16	97 160	58 383,900	1 733 000,080	29,683	29,222	91	66	11 717	3 783,155	14 590,321	3,857	3,396
42	17	97 001	57 568,202	1 674 616,180	29,089	28,629	92	67	9 364	2 986,051	10 807,167	3,619	3,159
43	18	96 827	56 755,830	1 617 047,978	28,491	28,031	93	68	7 263	2 287,682	7 821,116	3,419	2,958
44	19	96 620	55 935,120	1 560 292,148	27,895	27,434	94	69	5 508	1 713,343	5 533,434	3,230	2,769
45	20	96 393	55 115,143	1 504 357,028	27,295	26,834	95	70	4 070	1 250,336	3 820,092	3,055	2,595
46	21	96 141	54 292,035	1 449 241,885	26,693	26,233	96	71	2 927	888,061	2 569,756	2,894	2,433
47	22	95 855	53 462,506	1 394 949,850	26,092	25,632	97	72	2 045	612,810	1 681,695	2,744	2,284
48	23	95 537	52 627,046	1 341 487,343	25,490	25,030	98	73	1 385	409,984	1 068,885	2,607	2,147
49	24	95 178	51 781,994	1 288 860,298	24,890	24,430	99	74	909	265,644	658,901	2,480	2,020
							100	75	576	166,449	393,257	2,363	1,902

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 417 933,940	44,179	43,719	50	50	93 003	44 176,913	933 061,429	21,121	20,660
1	1	99 275	97 808,027	4 317 933,940	44,147	43,686	51	51	92 389	43 236,863	888 884,516	20,558	20,098
2	2	99 212	96 300,900	4 220 125,913	43,822	43,361	52	52	91 717	42 287,789	845 647,653	19,997	19,537
3	3	99 177	94 844,179	4 123 825,013	43,480	43,019	53	53	90 982	41 328,884	803 359,864	19,438	18,977
4	4	99 147	93 415,035	4 028 980,834	43,130	42,669	54	54	90 185	40 361,458	762 030,980	18,880	18,419
5	5	99 121	92 010,228	3 935 565,799	42,773	42,312	55	55	89 321	39 384,278	721 669,523	18,324	17,863
6	6	99 101	90 631,783	3 843 555,571	42,408	41,948	56	56	88 386	38 395,938	682 285,244	17,770	17,309
7	7	99 082	89 275,824	3 752 923,789	42,037	41,577	57	57	87 395	37 404,309	643 889,306	17,214	16,754
8	8	99 064	87 940,623	3 663 647,964	41,660	41,200	58	58	86 341	36 407,186	606 484,997	16,658	16,198
9	9	99 049	86 627,298	3 575 707,341	41,277	40,816	59	59	85 187	35 389,871	570 077,811	16,109	15,648
10	10	99 034	85 334,347	3 489 080,044	40,887	40,426	60	60	83 967	34 367,234	534 687,940	15,558	15,097
11	11	99 017	84 058,958	3 403 745,697	40,492	40,032	61	61	82 622	33 317,154	500 320,705	15,017	14,556
12	12	99 000	82 802,079	3 319 686,738	40,092	39,631	62	62	81 229	32 271,235	467 003,551	14,471	14,010
13	13	98 982	81 563,620	3 236 884,660	39,685	39,225	63	63	79 727	31 206,391	434 732,316	13,931	13,470
14	14	98 963	80 343,306	3 155 321,040	39,273	38,812	64	64	78 155	30 139,081	403 525,925	13,389	12,928
15	15	98 935	79 133,115	3 074 977,734	38,858	38,397	65	65	76 477	29 056,298	373 386,845	12,850	12,390
16	16	98 902	77 937,521	2 995 844,619	38,439	37,978	66	66	74 702	27 962,520	344 330,547	12,314	11,853
17	17	98 856	76 750,625	2 917 907,098	38,018	37,557	67	67	72 853	26 867,352	316 368,027	11,775	11,314
18	18	98 805	75 577,292	2 841 156,472	37,593	37,132	68	68	70 895	25 758,648	289 500,675	11,239	10,778
19	19	98 729	74 402,750	2 765 579,180	37,170	36,710	69	69	68 821	24 635,546	263 742,028	10,706	10,245
20	20	98 654	73 247,473	2 691 176,430	36,741	36,280	70	70	66 595	23 486,346	239 106,482	10,181	9,720
21	21	98 574	72 106,670	2 617 928,957	36,306	35,846	71	71	64 247	22 323,476	215 620,135	9,659	9,198
22	22	98 497	70 985,646	2 545 822,286	35,864	35,403	72	72	61 752	21 139,518	193 296,659	9,144	8,683
23	23	98 419	69 881,185	2 474 836,640	35,415	34,954	73	73	59 028	19 908,299	172 157,141	8,648	8,187
24	24	98 342	68 794,889	2 404 955,454	34,958	34,498	74	74	56 145	18 656,178	152 248,842	8,161	7,700
25	25	98 263	67 723,766	2 336 160,566	34,495	34,035	75	75	53 072	17 374,662	133 592,664	7,689	7,228
26	26	98 183	66 668,518	2 268 436,799	34,026	33,565	76	76	49 829	16 071,724	116 218,002	7,231	6,770
27	27	98 097	65 625,618	2 201 768,281	33,550	33,090	77	77	46 421	14 751,302	100 146,278	6,789	6,328
28	28	98 010	64 598,180	2 136 142,663	33,068	32,607	78	78	42 837	13 411,139	85 394,976	6,367	5,907
29	29	97 924	63 587,567	2 071 544,483	32,578	32,117	79	79	39 108	12 062,851	71 983,837	5,967	5,507
30	30	97 833	62 590,180	2 007 956,916	32,081	31,620	80	80	35 359	10 745,337	59 920,986	5,576	5,116
31	31	97 742	61 607,326	1 945 366,736	31,577	31,116	81	81	31 529	9 439,677	49 175,650	5,209	4,749
32	32	97 637	60 632,108	1 883 759,410	31,069	30,608	82	82	27 725	8 178,061	39 735,973	4,859	4,398
33	33	97 531	59 670,797	1 823 127,301	30,553	30,092	83	83	23 995	6 973,294	31 557,912	4,526	4,065
34	34	97 425	58 725,014	1 763 456,504	30,029	29,568	84	84	20 410	5 843,900	24 584,618	4,207	3,746
35	35	97 306	57 786,949	1 704 731,490	29,500	29,039	85	85	17 005	4 796,911	18 740,718	3,907	3,446
36	36	97 181	56 859,437	1 646 944,541	28,965	28,504	86	86	13 800	3 835,297	13 943,807	3,636	3,175
37	37	97 047	55 941,950	1 590 085,104	28,424	27,963	87	87	10 900	2 984,589	10 108,510	3,387	2,926
38	38	96 900	55 031,786	1 534 143,154	27,877	27,417	88	88	8 281	2 233,961	7 123,921	3,189	2,728
39	39	96 738	54 128,203	1 479 111,368	27,326	26,865	89	89	6 150	1 634,469	4 889,960	2,992	2,531
40	40	96 557	53 228,219	1 424 983,165	26,771	26,310	90	90	4 421	1 157,596	3 255,492	2,812	2,351
41	41	96 357	52 332,768	1 371 754,945	26,212	25,751	91	91	3 126	806,494	2 097,895	2,601	2,140
42	42	96 134	51 440,010	1 319 422,177	25,650	25,189	92	92	2 083	529,404	1 291,401	2,439	1,979
43	43	95 888	50 550,223	1 267 982,167	25,084	24,623	93	93	1 322	331,116	761,997	2,301	1,841
44	44	95 602	49 654,931	1 217 431,944	24,518	24,057	94	94	803	198,139	430,882	2,175	1,714
45	45	95 291	48 761,802	1 167 777,013	23,949	23,488	95	95	465	112,967	232,743	2,060	1,599
46	46	94 933	47 860,558	1 119 015,211	23,381	22,920	96	96	256	61,204	119,776	1,957	1,496
47	47	94 524	46 950,448	1 071 154,653	22,815	22,354	97	97	133	31,428	58,571	1,864	1,403
48	48	94 068	46 033,488	1 024 204,205	22,249	21,788	98	98	66	15,254	27,144	1,779	1,319
49	49	93 563	45 109,287	978 170,717	21,684	21,224	99	99	30	6,980	11,889	1,703	1,242
							100	100	13	3,004	4,909	1,634	1,174



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	4 404 530,237	44,187	43,726	50	51	92 786	44 073,695	921 245,806	20,902	20,442
1	2	99 247	97 780,217	4 304 850,198	44,026	43,565	51	52	92 159	43 129,170	877 172,110	20,338	19,877
2	3	99 196	96 285,375	4 207 069,982	43,694	43,233	52	53	91 463	42 170,616	834 042,941	19,778	19,317
3	4	99 162	94 830,579	4 110 784,607	43,349	42,888	53	54	90 705	41 203,278	791 872,325	19,219	18,758
4	5	99 135	93 403,840	4 015 954,028	42,996	42,535	54	55	89 897	40 232,860	750 669,047	18,658	18,197
5	6	99 112	92 001,904	3 922 550,188	42,636	42,175	55	56	89 000	39 242,592	710 436,187	18,104	17,643
6	7	99 093	90 624,516	3 830 548,283	42,268	41,808	56	57	88 051	38 250,306	671 193,595	17,547	17,087
7	8	99 074	89 268,366	3 739 923,768	41,895	41,434	57	58	87 034	37 249,969	632 943,289	16,992	16,531
8	9	99 058	87 935,161	3 650 655,401	41,515	41,055	58	59	85 947	36 241,182	595 693,320	16,437	15,976
9	10	99 042	86 621,798	3 562 720,240	41,130	40,669	59	60	84 780	35 220,766	559 452,137	15,884	15,423
10	11	99 026	85 327,472	3 476 098,442	40,738	40,278	60	61	83 508	34 179,319	524 231,372	15,338	14,877
11	12	99 009	84 052,282	3 390 770,970	40,341	39,880	61	62	82 152	33 127,731	490 052,053	14,793	14,332
12	13	98 992	82 795,732	3 306 718,687	39,938	39,477	62	63	80 719	32 068,740	456 924,323	14,248	13,787
13	14	98 972	81 555,596	3 223 922,956	39,530	39,070	63	64	79 195	30 998,287	424 855,582	13,706	13,245
14	15	98 951	80 333,360	3 142 367,360	39,117	38,656	64	65	77 593	29 922,205	393 857,296	13,163	12,702
15	16	98 921	79 122,388	3 062 034,000	38,700	38,239	65	66	75 885	28 831,331	363 935,090	12,623	12,162
16	17	98 886	77 924,992	2 982 911,612	38,279	37,818	66	67	74 088	27 732,674	335 103,759	12,083	11,623
17	18	98 839	76 737,153	2 904 986,620	37,856	37,396	67	68	72 196	26 625,018	307 371,084	11,544	11,084
18	19	98 784	75 560,783	2 828 249,468	37,430	36,969	68	69	70 200	25 506,338	280 746,066	11,007	10,546
19	20	98 708	74 386,750	2 752 688,685	37,005	36,544	69	70	68 066	24 365,351	255 239,728	10,476	10,015
20	21	98 633	73 232,019	2 678 301,935	36,573	36,112	70	71	65 799	23 205,727	230 874,377	9,949	9,488
21	22	98 553	72 091,085	2 605 069,916	36,136	35,675	71	72	63 389	22 025,614	207 668,650	9,429	8,968
22	23	98 474	70 969,334	2 532 978,831	35,691	35,230	72	73	60 796	20 812,381	185 643,036	8,920	8,459
23	24	98 397	69 865,290	2 462 009,497	35,239	34,779	73	74	58 004	19 563,181	164 830,655	8,426	7,965
24	25	98 320	68 779,248	2 392 144,206	34,780	34,319	74	75	55 060	18 295,665	145 267,474	7,940	7,479
25	26	98 242	67 708,675	2 323 364,959	34,314	33,853	75	76	51 890	16 987,534	126 971,809	7,474	7,014
26	27	98 157	66 650,707	2 255 656,284	33,843	33,382	76	77	48 566	15 664,343	109 984,275	7,021	6,561
27	28	98 072	65 608,678	2 189 005,577	33,365	32,904	77	78	45 077	14 324,189	94 319,932	6,585	6,124
28	29	97 984	64 581,401	2 123 396,898	32,879	32,419	78	79	41 412	12 965,110	79 995,744	6,170	5,709
29	30	97 896	63 569,931	2 058 815,497	32,387	31,926	79	80	37 640	11 609,883	67 030,634	5,774	5,313
30	31	97 807	62 573,003	1 995 245,566	31,887	31,426	80	81	33 826	10 279,277	55 420,750	5,392	4,931
31	32	97 710	61 587,240	1 932 672,563	31,381	30,920	81	82	29 968	8 972,453	45 141,473	5,031	4,570
32	33	97 604	60 611,109	1 871 085,323	30,870	30,410	82	83	26 148	7 712,993	36 169,021	4,689	4,229
33	34	97 495	59 649,209	1 810 474,214	30,352	29,891	83	84	22 436	6 520,315	28 456,028	4,364	3,903
34	35	97 385	58 701,182	1 750 825,005	29,826	29,365	84	85	18 900	5 411,534	21 935,713	4,054	3,593
35	36	97 265	57 762,323	1 692 123,823	29,295	28,834	85	86	15 555	4 387,756	16 524,179	3,766	3,305
36	37	97 135	56 832,923	1 634 361,501	28,757	28,297	86	87	12 466	3 464,621	12 136,423	3,503	3,042
37	38	96 996	55 912,486	1 577 528,578	28,214	27,753	87	88	9 650	2 642,372	8 671,802	3,282	2,821
38	39	96 843	54 999,341	1 521 616,092	27,666	27,205	88	89	7 242	1 953,683	6 029,430	3,086	2,625
39	40	96 670	54 090,137	1 466 616,751	27,114	26,654	89	90	5 290	1 406,021	4 075,747	2,899	2,438
40	41	96 488	53 190,279	1 412 526,614	26,556	26,095	90	91	3 766	986,045	2 669,726	2,708	2,247
41	42	96 277	52 289,281	1 359 336,336	25,996	25,536	91	92	2 585	666,854	1 683,681	2,525	2,064
42	43	96 043	51 391,351	1 307 047,055	25,433	24,972	92	93	1 689	429,356	1 016,827	2,368	1,907
43	44	95 786	50 496,865	1 255 655,704	24,866	24,405	93	94	1 049	262,613	587,471	2,237	1,776
44	45	95 494	49 598,780	1 205 158,839	24,298	23,837	94	95	622	153,480	324,858	2,117	1,656
45	46	95 162	48 695,849	1 155 560,060	23,730	23,269	95	96	351	85,353	171,378	2,008	1,547
46	47	94 785	47 786,330	1 106 864,211	23,163	22,702	96	97	188	45,047	86,025	1,910	1,449
47	48	94 360	46 868,970	1 059 077,881	22,597	22,136	97	98	95	22,504	40,978	1,821	1,360
48	49	93 894	45 948,190	1 012 208,911	22,029	21,569	98	99	46	10,613	18,475	1,741	1,280
49	50	93 367	45 014,916	966 260,721	21,465	21,005	99	100	21	4,712	7,862	1,668	1,208

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	4 390 493,643	44,058	43,598	50	52	92 555	43 963,917	908 603,537	20,667	20,206
1	3	99 231	97 764,453	4 290 841,947	43,890	43,429	51	53	91 904	43 009,666	864 639,620	20,103	19,643
2	4	99 181	96 271,569	4 193 077,494	43,555	43,094	52	54	91 185	42 042,452	821 629,955	19,543	19,082
3	5	99 150	94 819,214	4 096 805,925	43,206	42,746	53	55	90 416	41 071,998	779 587,503	18,981	18,520
4	6	99 126	93 395,391	4 001 986,711	42,850	42,389	54	56	89 574	40 088,121	738 515,505	18,422	17,962
5	7	99 104	91 994,528	3 908 591,321	42,487	42,026	55	57	88 662	39 093,749	698 427,384	17,865	17,405
6	8	99 084	90 616,945	3 816 596,793	42,118	41,657	56	58	87 687	38 092,475	659 333,635	17,309	16,848
7	9	99 068	89 262,821	3 725 979,848	41,742	41,281	57	59	86 637	37 080,122	621 241,160	16,754	16,293
8	10	99 052	87 929,579	3 636 717,027	41,359	40,899	58	60	85 537	36 068,009	584 161,038	16,196	15,735
9	11	99 035	86 614,820	3 548 787,448	40,972	40,511	59	61	84 317	35 028,183	548 093,029	15,647	15,186
10	12	99 018	85 320,696	3 462 172,628	40,578	40,118	60	62	83 033	33 984,993	513 064,846	15,097	14,636
11	13	99 002	84 045,839	3 376 851,932	40,179	39,718	61	63	81 637	32 919,861	479 079,853	14,553	14,092
12	14	98 982	82 787,587	3 292 806,093	39,774	39,313	62	64	80 181	31 854,886	446 159,991	14,006	13,545
13	15	98 960	81 545,500	3 210 018,506	39,365	38,904	63	65	78 625	30 775,229	414 305,106	13,462	13,001
14	16	98 938	80 322,470	3 128 473,006	38,949	38,488	64	66	76 992	29 690,535	383 529,877	12,918	12,457
15	17	98 905	79 109,668	3 048 150,536	38,531	38,070	65	67	75 262	28 594,345	353 839,342	12,374	11,914
16	18	98 868	77 911,313	2 969 040,869	38,108	37,647	66	68	73 420	27 482,536	325 244,997	11,835	11,374
17	19	98 817	76 720,391	2 891 129,556	37,684	37,223	67	69	71 489	26 364,223	297 762,462	11,294	10,833
18	20	98 762	75 544,533	2 814 409,165	37,255	36,794	68	70	69 430	25 226,593	271 398,239	10,758	10,298
19	21	98 687	74 371,055	2 738 864,632	36,827	36,366	69	71	67 253	24 074,229	246 171,646	10,226	9,765
20	22	98 612	73 216,190	2 664 493,577	36,392	35,931	70	72	64 921	22 896,093	222 097,417	9,700	9,239
21	23	98 530	72 074,519	2 591 277,387	35,953	35,492	71	73	62 408	21 684,765	199 201,324	9,186	8,725
22	24	98 452	70 953,192	2 519 202,868	35,505	35,044	72	74	59 742	20 451,589	177 516,559	8,680	8,219
23	25	98 374	69 849,406	2 448 249,676	35,050	34,590	73	75	56 883	19 185,140	157 064,970	8,187	7,726
24	26	98 298	68 763,921	2 378 400,270	34,588	34,127	74	76	53 833	17 888,016	137 879,830	7,708	7,247
25	27	98 215	67 690,586	2 309 636,349	34,120	33,660	75	77	50 575	16 556,940	119 991,813	7,247	6,786
26	28	98 132	66 633,503	2 241 945,763	33,646	33,185	76	78	47 160	15 210,793	103 434,874	6,800	6,339
27	29	98 046	65 591,637	2 175 312,261	33,164	32,704	77	79	43 578	13 847,793	88 224,080	6,371	5,910
28	30	97 957	64 563,489	2 109 720,623	32,677	32,216	78	80	39 857	12 478,262	74 376,287	5,960	5,500
29	31	97 870	63 552,485	2 045 157,134	32,181	31,720	79	81	36 007	11 106,326	61 898,025	5,573	5,112
30	32	97 775	62 552,602	1 981 604,650	31,679	31,218	80	82	32 151	9 770,496	50 791,700	5,198	4,738
31	33	97 676	61 565,910	1 919 052,047	31,171	30,710	81	83	28 264	8 462,209	41 021,204	4,848	4,387
32	34	97 568	60 589,180	1 857 486,137	30,657	30,196	82	84	24 449	7 211,964	32 558,995	4,515	4,054
33	35	97 456	59 625,002	1 796 896,957	30,137	29,676	83	85	20 776	6 037,904	25 347,031	4,198	3,737
34	36	97 344	58 676,166	1 737 271,955	29,608	29,147	84	86	17 288	4 949,955	19 309,127	3,901	3,440
35	37	97 220	57 735,387	1 678 595,789	29,074	28,613	85	87	14 051	3 963,686	14 359,172	3,623	3,162
36	38	97 084	56 802,989	1 620 860,402	28,535	28,074	86	88	11 037	3 067,362	10 395,486	3,389	2,928
37	39	96 938	55 879,521	1 564 057,413	27,990	27,529	87	89	8 440	2 310,854	7 328,124	3,171	2,710
38	40	96 775	54 960,662	1 508 177,891	27,441	26,980	88	90	6 230	1 680,620	5 017,270	2,985	2,525
39	41	96 602	54 051,582	1 453 217,229	26,886	26,425	89	91	4 506	1 197,654	3 336,650	2,786	2,325
40	42	96 408	53 146,079	1 399 165,648	26,327	25,866	90	92	3 114	815,317	2 138,996	2,624	2,163
41	43	96 185	52 239,818	1 346 019,569	25,766	25,305	91	93	2 096	540,830	1 323,680	2,447	1,987
42	44	95 941	51 337,104	1 293 779,751	25,202	24,741	92	94	1 340	340,529	782,850	2,299	1,838
43	45	95 678	50 439,762	1 242 442,646	24,632	24,171	93	95	812	203,422	442,321	2,174	1,714
44	46	95 365	49 531,694	1 192 002,884	24,065	23,605	94	96	470	115,962	238,898	2,060	1,599
45	47	95 014	48 620,326	1 142 471,190	23,498	23,037	95	97	258	62,820	122,936	1,957	1,496
46	48	94 621	47 703,401	1 093 850,864	22,930	22,469	96	98	135	32,256	60,116	1,864	1,403
47	49	94 185	46 782,123	1 046 147,464	22,362	21,901	97	99	66	15,656	27,860	1,780	1,319
48	50	93 698	45 852,063	999 365,340	21,795	21,335	98	100	31	7,165	12,204	1,703	1,243
49	51	93 149	44 909,740	953 513,277	21,232	20,771							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	4 375 501,302	43,915	43,454	50	53	92 298	43 842,100	895 111,695	20,417	19,956
1	4	99 217	97 750,435	4 275 865,671	43,743	43,282	51	54	91 625	42 878,951	851 269,595	19,853	19,392
2	5	99 169	96 260,031	4 178 115,236	43,404	42,944	52	55	90 894	41 908,498	808 390,644	19,289	18,829
3	6	99 141	94 810,637	4 081 855,205	43,053	42,592	53	56	90 091	40 924,240	766 482,146	18,729	18,268
4	7	99 119	93 387,902	3 987 044,568	42,693	42,233	54	57	89 234	39 936,071	725 557,906	18,168	17,707
5	8	99 096	91 986,842	3 893 656,666	42,328	41,868	55	58	88 297	38 932,438	685 621,835	17,611	17,150
6	9	99 078	90 611,316	3 801 669,824	41,956	41,495	56	59	87 288	37 918,786	646 689,397	17,055	16,594
7	10	99 062	89 257,155	3 711 058,507	41,577	41,116	57	60	86 223	36 902,940	608 770,610	16,497	16,036
8	11	99 044	87 922,495	3 621 801,353	41,193	40,732	58	61	85 069	35 870,794	571 867,670	15,942	15,482
9	12	99 027	86 607,941	3 533 878,857	40,803	40,342	59	62	83 837	34 829,031	535 996,876	15,389	14,929
10	13	99 011	85 314,155	3 447 270,917	40,407	39,946	60	63	82 512	33 771,745	501 167,845	14,840	14,379
11	14	98 992	84 037,572	3 361 956,761	40,005	39,545	61	64	81 093	32 700,331	467 396,100	14,293	13,833
12	15	98 970	82 777,338	3 277 919,189	39,599	39,138	62	65	79 604	31 625,664	434 695,770	13,745	13,284
13	16	98 946	81 534,445	3 195 141,851	39,188	38,727	63	66	78 016	30 536,954	403 070,106	13,199	12,739
14	17	98 922	80 309,557	3 113 607,406	38,770	38,309	64	67	76 359	29 446,486	372 533,152	12,651	12,190
15	18	98 888	79 095,781	3 033 297,849	38,350	37,889	65	68	74 583	28 336,434	343 086,667	12,108	11,647
16	19	98 847	77 894,294	2 954 202,068	37,926	37,465	66	69	72 701	27 213,340	314 750,232	11,566	11,105
17	20	98 796	76 703,892	2 876 307,774	37,499	37,038	67	70	70 705	26 075,069	287 536,892	11,027	10,566
18	21	98 742	75 528,594	2 799 603,882	37,067	36,606	68	71	68 601	24 925,181	261 461,823	10,490	10,029
19	22	98 665	74 354,980	2 724 075,288	36,636	36,175	69	72	66 355	23 753,007	236 536,642	9,958	9,497
20	23	98 589	73 199,365	2 649 720,308	36,199	35,738	70	73	63 916	22 541,772	212 783,636	9,440	8,979
21	24	98 508	72 058,125	2 576 520,943	35,756	35,295	71	74	61 327	21 308,851	190 241,863	8,928	8,467
22	25	98 430	70 937,061	2 504 462,818	35,305	34,845	72	75	58 588	20 056,381	168 933,013	8,423	7,962
23	26	98 352	69 833,841	2 433 525,757	34,847	34,387	73	76	55 616	18 757,673	148 876,631	7,937	7,476
24	27	98 272	68 745,550	2 363 691,916	34,383	33,922	74	77	52 469	17 434,597	130 118,958	7,463	7,002
25	28	98 190	67 673,113	2 294 946,366	33,912	33,451	75	78	49 110	16 077,545	112 684,362	7,009	6,548
26	29	98 106	66 616,196	2 227 273,254	33,434	32,974	76	79	45 591	14 704,911	96 606,816	6,570	6,109
27	30	98 019	65 573,445	2 160 657,058	32,950	32,489	77	80	41 941	13 327,800	81 901,905	6,145	5,684
28	31	97 930	64 545,770	2 095 083,613	32,459	31,998	78	81	38 128	11 937,040	68 574,105	5,745	5,284
29	32	97 838	63 531,765	2 030 537,843	31,961	31,500	79	82	34 225	10 556,609	56 637,066	5,365	4,904
30	33	97 741	62 530,938	1 967 006,078	31,457	30,996	80	83	30 323	9 214,869	46 080,456	5,001	4,540
31	34	97 641	61 543,636	1 904 475,140	30,945	30,484	81	84	26 428	7 912,511	36 865,587	4,659	4,198
32	35	97 529	60 564,592	1 842 931,504	30,429	29,968	82	85	22 641	6 678,381	28 953,076	4,335	3,875
33	36	97 414	59 599,593	1 782 366,912	29,906	29,445	83	86	19 004	5 522,899	22 274,695	4,033	3,572
34	37	97 298	58 648,804	1 722 767,320	29,374	28,913	84	87	15 617	4 471,549	16 751,796	3,746	3,286
35	38	97 168	57 704,978	1 664 118,515	28,838	28,378	85	88	12 440	3 509,204	12 280,248	3,499	3,039
36	39	97 027	56 769,500	1 606 413,537	28,297	27,836	86	89	9 652	2 682,525	8 771,044	3,270	2,809
37	40	96 870	55 840,223	1 549 644,038	27,751	27,291	87	90	7 260	1 987,869	6 088,519	3,063	2,602
38	41	96 706	54 921,486	1 493 803,815	27,199	26,738	88	91	5 307	1 431,558	4 100,650	2,864	2,404
39	42	96 521	54 006,666	1 438 882,328	26,643	26,182	89	92	3 726	990,287	2 669,093	2,695	2,234
40	43	96 317	53 095,805	1 384 875,662	26,083	25,622	90	93	2 525	661,235	1 678,806	2,539	2,078
41	44	96 084	52 184,676	1 331 779,857	25,521	25,060	91	94	1 663	428,941	1 017,570	2,372	1,911
42	45	95 833	51 279,051	1 279 595,180	24,954	24,493	92	95	1 038	263,777	588,629	2,232	1,771
43	46	95 549	50 371,539	1 228 316,129	24,385	23,924	93	96	614	153,696	324,852	2,114	1,653
44	47	95 217	49 454,875	1 177 944,590	23,819	23,358	94	97	346	85,349	171,156	2,005	1,545
45	48	94 850	48 535,949	1 128 489,715	23,251	22,790	95	98	185	44,982	85,807	1,908	1,447
46	49	94 446	47 615,008	1 079 953,766	22,681	22,220	96	99	94	22,441	40,825	1,819	1,358
47	50	93 988	46 684,252	1 032 338,758	22,113	21,652	97	100	45	10,569	18,384	1,739	1,279
48	51	93 479	45 744,931	985 654,506	21,547	21,086							
49	52	92 917	44 797,879	939 909,575	20,981	20,520							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	4 359 513,644	43,761	43,300	50	54	92 018	43 708,856	880 757,235	20,151	19,690
1	5	99 205	97 738,720	4 259 892,300	43,584	43,124	51	55	91 333	42 742,333	837 048,379	19,584	19,123
2	6	99 161	96 251,323	4 162 153,580	43,243	42,782	52	56	90 567	41 757,731	794 306,046	19,022	18,561
3	7	99 133	94 803,035	4 065 902,257	42,888	42,427	53	57	89 749	40 769,019	752 548,316	18,459	17,998
4	8	99 110	93 380,100	3 971 099,222	42,526	42,065	54	58	88 866	39 771,284	711 779,297	17,897	17,436
5	9	99 090	91 981,129	3 877 719,121	42,158	41,697	55	59	87 894	38 754,919	672 008,013	17,340	16,879
6	10	99 072	90 605,564	3 785 737,992	41,783	41,322	56	60	86 871	37 737,597	633 253,094	16,780	16,320
7	11	99 054	89 249,964	3 695 132,428	41,402	40,941	57	61	85 752	36 701,160	595 515,496	16,226	15,765
8	12	99 036	87 915,512	3 605 882,464	41,015	40,555	58	62	84 585	35 666,852	558 814,337	15,668	15,207
9	13	99 019	86 601,302	3 517 966,952	40,623	40,162	59	63	83 311	34 610,487	523 147,485	15,115	14,654
10	14	99 001	85 305,763	3 431 365,650	40,224	39,764	60	64	81 962	33 546,533	488 536,999	14,563	14,102
11	15	98 980	84 027,168	3 346 059,887	39,821	39,360	61	65	80 509	32 465,025	454 990,465	14,015	13,554
12	16	98 957	82 766,117	3 262 032,719	39,413	38,952	62	66	78 988	31 380,804	422 525,440	13,464	13,004
13	17	98 930	81 521,338	3 179 266,602	38,999	38,538	63	67	77 375	30 285,947	391 144,636	12,915	12,454
14	18	98 904	80 295,460	3 097 745,264	38,579	38,119	64	68	75 670	29 180,889	360 858,689	12,366	11,905
15	19	98 866	79 078,503	3 017 449,804	38,158	37,697	65	69	73 852	28 058,875	331 677,799	11,821	11,360
16	20	98 825	77 877,543	2 938 371,301	37,731	37,270	66	70	71 904	26 914,874	303 618,924	11,281	10,820
17	21	98 775	76 687,708	2 860 493,758	37,301	36,840	67	71	69 860	25 763,518	276 704,051	10,740	10,279
18	22	98 720	75 512,269	2 783 806,050	36,866	36,405	68	72	67 685	24 592,604	250 940,532	10,204	9,743
19	23	98 643	74 337,893	2 708 293,781	36,432	35,971	69	73	65 328	23 385,425	226 347,928	9,679	9,218
20	24	98 567	73 182,716	2 633 955,888	35,992	35,531	70	74	62 808	22 151,001	202 962,503	9,163	8,702
21	25	98 485	72 041,742	2 560 773,172	35,546	35,085	71	75	60 142	20 897,077	180 811,501	8,652	8,192
22	26	98 408	70 921,253	2 488 731,430	35,091	34,631	72	76	57 282	19 609,502	159 914,425	8,155	7,694
23	27	98 326	69 815,184	2 417 810,177	34,632	34,171	73	77	54 206	18 282,210	140 304,923	7,674	7,214
24	28	98 247	68 727,805	2 347 994,993	34,164	33,703	74	78	50 949	16 929,791	122 022,713	7,208	6,747
25	29	98 164	67 655,536	2 279 267,188	33,689	33,228	75	79	47 477	15 542,837	105 092,923	6,762	6,301
26	30	98 079	66 597,719	2 211 611,653	33,209	32,748	76	80	43 879	14 152,732	89 550,086	6,327	5,867
27	31	97 992	65 555,449	2 145 013,934	32,721	32,260	77	81	40 122	12 749,731	75 397,354	5,914	5,453
28	32	97 898	64 524,727	2 079 458,485	32,227	31,767	78	82	36 241	11 346,207	62 647,623	5,521	5,061
29	33	97 804	63 509,761	2 014 933,758	31,726	31,266	79	83	32 279	9 956,278	51 301,416	5,153	4,692
30	34	97 706	62 508,315	1 951 423,997	31,219	30,758	80	84	28 353	8 616,280	41 345,138	4,798	4,338
31	35	97 601	61 518,660	1 888 915,683	30,705	30,244	81	85	24 473	7 327,098	32 728,859	4,467	4,006
32	36	97 487	60 538,782	1 827 397,022	30,186	29,725	82	86	20 709	6 108,746	25 401,761	4,158	3,697
33	37	97 369	59 571,800	1 766 858,240	29,659	29,199	83	87	17 167	4 989,118	19 293,015	3,867	3,406
34	38	97 247	58 617,914	1 707 286,440	29,126	28,665	84	88	13 827	3 958,834	14 303,897	3,613	3,152
35	39	97 111	57 670,957	1 648 668,526	28,588	28,127	85	89	10 879	3 068,932	10 345,063	3,371	2,910
36	40	96 959	56 729,576	1 590 997,569	28,045	27,584	86	90	8 303	2 307,592	7 276,131	3,153	2,692
37	41	96 801	55 800,421	1 534 267,993	27,496	27,035	87	91	6 184	1 693,274	4 968,540	2,934	2,473
38	42	96 625	54 875,848	1 478 467,573	26,942	26,481	88	92	4 388	1 183,692	3 275,266	2,767	2,306
39	43	96 430	53 955,579	1 423 591,725	26,385	25,924	89	93	3 022	803,139	2 091,574	2,604	2,143
40	44	96 215	53 039,760	1 369 636,146	25,823	25,362	90	94	2 003	524,437	1 288,435	2,457	1,996
41	45	95 975	52 125,665	1 316 596,386	25,258	24,797	91	95	1 288	332,261	763,998	2,299	1,839
42	46	95 703	51 209,693	1 264 470,721	24,692	24,231	92	96	784	199,297	431,736	2,166	1,705
43	47	95 401	50 293,417	1 213 261,028	24,124	23,663	93	97	452	113,122	232,439	2,055	1,594
44	48	95 052	49 369,050	1 162 967,611	23,557	23,096	94	98	248	61,114	119,318	1,952	1,492
45	49	94 674	48 446,014	1 113 598,561	22,986	22,526	95	99	129	31,295	58,204	1,860	1,399
46	50	94 248	47 515,394	1 065 152,547	22,417	21,956	96	100	63	15,150	26,909	1,776	1,315
47	51	93 769	46 575,176	1 017 637,153	21,849	21,389							
48	52	93 246	45 630,990	971 061,977	21,281	20,820							
49	53	92 659	44 673,752	925 430,987	20,715	20,255							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	4 342 505,717	43,595	43,135	50	55	91 725	43 569,593	865 530,869	19,865	19,405
1	6	99 196	97 729,878	4 242 896,312	43,415	42,954	51	56	91 004	42 588,565	821 961,276	19,300	18,839
2	7	99 153	96 243,606	4 145 166,434	43,070	42,609	52	57	90 224	41 599,348	779 372,711	18,735	18,274
3	8	99 125	94 795,115	4 048 922,828	42,712	42,252	53	58	89 379	40 600,795	737 773,362	18,171	17,711
4	9	99 104	93 374,300	3 954 127,713	42,347	41,886	54	59	88 461	39 589,941	697 172,568	17,610	17,149
5	10	99 084	91 975,290	3 860 753,413	41,976	41,515	55	60	87 474	38 569,735	657 582,627	17,049	16,588
6	11	99 064	90 598,265	3 768 778,123	41,599	41,138	56	61	86 396	37 531,253	619 012,892	16,493	16,032
7	12	99 046	89 242,876	3 678 179,858	41,215	40,755	57	62	85 264	36 492,496	581 481,640	15,934	15,473
8	13	99 029	87 908,773	3 588 936,982	40,826	40,365	58	63	84 055	35 443,050	544 989,143	15,376	14,916
9	14	99 009	86 592,783	3 501 028,209	40,431	39,970	59	64	82 756	34 379,682	509 546,093	14,821	14,360
10	15	98 989	85 295,203	3 414 435,426	40,031	39,570	60	65	81 372	33 305,139	475 166,411	14,267	13,806
11	16	98 966	84 015,778	3 329 140,224	39,625	39,164	61	66	79 886	32 213,667	441 861,273	13,717	13,256
12	17	98 941	82 752,811	3 245 124,446	39,215	38,754	62	67	78 338	31 122,861	409 647,606	13,162	12,701
13	18	98 913	81 507,028	3 162 371,635	38,799	38,338	63	68	76 677	30 012,779	378 524,744	12,612	12,151
14	19	98 883	80 277,920	3 080 864,607	38,377	37,917	64	69	74 929	28 895,058	348 511,965	12,061	11,601
15	20	98 845	79 061,497	3 000 586,687	37,925	37,492	65	70	73 042	27 751,135	319 616,907	11,517	11,056
16	21	98 805	77 861,111	2 921 525,190	37,522	37,061	66	71	71 045	26 593,289	291 865,772	10,975	10,514
17	22	98 754	76 671,132	2 843 664,079	37,089	36,628	67	72	68 928	25 419,756	265 272,483	10,436	9,975
18	23	98 698	75 494,917	2 766 992,947	36,651	36,191	68	73	66 638	24 212,030	239 852,727	9,906	9,446
19	24	98 620	74 320,985	2 691 498,030	36,215	35,754	69	74	64 196	22 980,030	215 640,697	9,384	8,923
20	25	98 544	73 166,078	2 617 177,045	35,770	35,310	70	75	61 594	21 722,954	192 660,668	8,869	8,408
21	26	98 463	72 025,688	2 544 010,968	35,321	34,860	71	76	58 802	20 431,466	170 937,714	8,366	7,906
22	27	98 381	70 902,305	2 471 985,279	34,865	34,404	72	77	55 830	19 112,447	150 506,248	7,875	7,414
23	28	98 301	69 797,163	2 401 082,974	34,401	33,940	73	78	52 637	17 752,861	131 393,802	7,401	6,940
24	29	98 221	68 709,954	2 331 285,811	33,929	33,469	74	79	49 255	16 366,738	113 640,940	6,943	6,483
25	30	98 137	67 636,771	2 262 575,858	33,452	32,991	75	80	45 694	14 959,193	97 274,202	6,503	6,042
26	31	98 052	66 579,442	2 194 939,087	32,967	32,506	76	81	41 976	13 538,883	82 315,009	6,080	5,619
27	32	97 960	65 534,076	2 128 359,645	32,477	32,016	77	82	38 136	12 118,673	68 776,126	5,675	5,214
28	33	97 864	64 502,379	2 062 825,569	31,981	31,520	78	83	34 180	10 700,973	56 657,453	5,295	4,834
29	34	97 768	63 486,784	1 998 323,190	31,476	31,015	79	84	30 182	9 309,527	45 956,481	4,936	4,476
30	35	97 666	62 482,947	1 934 836,406	30,966	30,505	80	85	26 256	7 978,797	36 646,954	4,593	4,132
31	36	97 559	61 492,444	1 872 353,459	30,449	29,988	81	86	22 385	6 702,130	28 668,156	4,277	3,817
32	37	97 442	60 510,552	1 810 861,015	29,926	29,466	82	87	18 708	5 518,344	21 966,026	3,981	3,520
33	38	97 318	59 540,424	1 750 350,463	29,398	28,937	83	88	15 199	4 417,058	16 447,682	3,724	3,263
34	39	97 190	58 583,355	1 690 810,039	28,862	28,401	84	89	12 092	3 462,151	12 030,624	3,475	3,014
35	40	97 043	57 630,399	1 632 226,685	28,322	27,862	85	90	9 359	2 639,991	8 568,473	3,246	2,785
36	41	96 890	56 689,139	1 574 596,285	27,776	27,315	86	91	7 073	1 965,614	5 928,482	3,016	2,555
37	42	96 721	55 754,052	1 517 907,146	27,225	26,764	87	92	5 113	1 400,093	3 962,868	2,830	2,370
38	43	96 534	54 823,938	1 462 153,094	26,670	26,209	88	93	3 559	959,994	2 562,775	2,670	2,209
39	44	96 328	53 898,626	1 407 329,156	26,111	25,650	89	94	2 397	636,983	1 602,781	2,516	2,055
40	45	96 106	52 979,781	1 353 430,530	25,546	25,085	90	95	1 551	406,233	965,798	2,377	1,917
41	46	95 845	52 055,161	1 300 450,749	24,982	24,521	91	96	973	251,041	559,564	2,229	1,768
42	47	95 555	51 130,271	1 248 395,587	24,416	23,955	92	97	577	146,685	308,524	2,103	1,643
43	48	95 235	50 206,137	1 197 265,316	23,847	23,386	93	98	323	81,000	161,839	1,998	1,537
44	49	94 876	49 277,571	1 147 059,179	23,278	22,817	94	99	172	42,518	80,839	1,901	1,440
45	50	94 476	48 344,661	1 097 781,608	22,707	22,247	95	100	87	21,127	38,321	1,814	1,353
46	51	94 028	47 404,376	1 049 436,947	22,138	21,677							
47	52	93 535	46 459,167	1 002 032,570	21,568	21,107							
48	53	92 988	45 504,554	955 573,403	21,000	20,539							
49	54	92 378	44 537,980	910 068,849	20,434	19,973							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	4 324 456,418	43,418	42,957	50	56	91 395	43 412,850	849 422,478	19,566	19,105
1	7	99 188	97 722,043	4 224 856,023	43,233	42,773	51	57	90 659	42 427,032	806 009,628	18,998	18,537
2	8	99 144	96 235,565	4 127 133,981	42,886	42,425	52	58	89 851	41 427,698	763 582,597	18,432	17,971
3	9	99 119	94 789,227	4 030 898,415	42,525	42,064	53	59	88 971	40 415,669	722 154,899	17,868	17,407
4	10	99 098	93 368,373	3 936 109,188	42,157	41,696	54	60	88 038	39 400,766	681 739,230	17,303	16,842
5	11	99 076	91 967,880	3 842 740,815	41,784	41,323	55	61	86 996	38 358,840	642 338,464	16,746	16,285
6	12	99 056	90 591,069	3 750 772,935	41,403	40,943	56	62	85 904	37 317,870	603 979,624	16,185	15,724
7	13	99 038	89 236,035	3 660 181,866	41,017	40,556	57	63	84 729	36 263,514	566 661,754	15,626	15,165
8	14	99 019	87 900,125	3 570 945,831	40,625	40,164	58	64	83 494	35 206,693	530 398,240	15,065	14,604
9	15	98 997	86 582,063	3 483 045,706	40,228	39,767	59	65	82 160	34 132,292	495 191,547	14,508	14,047
10	16	98 975	85 283,640	3 396 463,642	39,826	39,365	60	66	80 742	33 047,276	461 059,254	13,952	13,491
11	17	98 950	84 002,271	3 311 180,002	39,418	38,957	61	67	79 229	31 948,878	428 011,978	13,397	12,936
12	18	98 923	82 738,285	3 227 177,732	39,005	38,544	62	68	77 632	30 842,145	396 063,100	12,842	12,381
13	19	98 891	81 489,223	3 144 439,447	38,587	38,126	63	69	75 926	29 718,800	365 220,955	12,289	11,828
14	20	98 862	80 260,656	3 062 950,223	38,163	37,702	64	70	74 107	28 578,147	335 502,156	11,740	11,279
15	21	98 824	79 044,816	2 982 689,567	37,734	37,273	65	71	72 169	27 419,558	306 924,009	11,194	10,733
16	22	98 783	77 844,282	2 903 644,751	37,301	36,840	66	72	70 097	26 238,455	279 504,450	10,652	10,192
17	23	98 731	76 653,513	2 825 800,469	36,865	36,404	67	73	67 861	25 026,381	253 265,995	10,120	9,659
18	24	98 675	75 477,745	2 749 146,956	36,423	35,962	68	74	65 483	23 792,304	228 239,614	9,593	9,132
19	25	98 598	74 304,088	2 673 669,211	35,983	35,522	69	75	62 955	22 535,962	204 447,309	9,072	8,611
20	26	98 522	73 149,773	2 599 365,123	35,535	35,074	70	76	60 222	21 238,941	181 911,347	8,565	8,104
21	27	98 437	72 006,446	2 526 215,350	35,083	34,622	71	77	57 311	19 913,575	160 672,406	8,068	7,608
22	28	98 356	70 884,003	2 454 208,904	34,623	34,162	72	78	54 214	18 559,059	140 758,831	7,584	7,124
23	29	98 275	69 779,034	2 383 324,901	34,155	33,695	73	79	50 886	17 162,435	122 199,771	7,120	6,659
24	30	98 194	68 690,896	2 313 545,867	33,681	33,220	74	80	47 405	15 752,156	105 037,337	6,668	6,207
25	31	98 110	67 618,208	2 244 854,970	33,199	32,738	75	81	43 712	14 310,365	89 285,180	6,239	5,778
26	32	98 020	66 557,735	2 177 236,762	32,712	32,251	76	82	39 898	12 868,766	74 974,815	5,826	5,365
27	33	97 926	65 511,379	2 110 679,027	32,219	31,758	77	83	35 968	11 429,510	62 106,049	5,434	4,973
28	34	97 829	64 479,043	2 045 167,648	31,718	31,258	78	84	31 960	10 005,847	50 676,539	5,065	4,604
29	35	97 729	63 461,019	1 980 688,606	31,211	30,750	79	85	27 949	8 620,754	40 670,692	4,718	4,257
30	36	97 624	62 456,320	1 917 227,586	30,697	30,236	80	86	24 016	7 298,243	32 049,938	4,391	3,931
31	37	97 514	61 463,769	1 854 771,266	30,177	29,716	81	87	20 222	6 054,379	24 751,695	4,088	3,627
32	38	97 390	60 478,681	1 793 307,497	29,652	29,191	82	88	16 563	4 885,602	18 697,316	3,827	3,366
33	39	97 260	59 505,321	1 732 828,816	29,121	28,660	83	89	13 292	3 862,885	13 811,714	3,575	3,115
34	40	97 121	58 542,155	1 673 323,496	28,583	28,122	84	90	10 402	2 978,250	9 948,829	3,340	2,880
35	41	96 974	57 589,321	1 614 781,340	28,040	27,579	85	91	7 972	2 248,753	6 970,579	3,100	2,639
36	42	96 809	56 642,032	1 557 192,020	27,492	27,031	86	92	5 848	1 625,280	4 721,826	2,905	2,444
37	43	96 629	55 701,311	1 500 549,988	26,939	26,478	87	93	4 147	1 135,499	3 096,546	2,727	2,266
38	44	96 432	54 766,069	1 444 848,676	26,382	25,921	88	94	2 822	761,387	1 961,047	2,576	2,115
39	45	96 219	53 837,676	1 390 082,608	25,820	25,359	89	95	1 856	493,413	1 199,660	2,431	1,971
40	46	95 976	52 908,123	1 336 244,931	25,256	24,795	90	96	1 172	306,930	706,247	2,301	1,840
41	47	95 697	51 974,428	1 283 336,808	24,692	24,231	91	97	716	184,768	399,317	2,161	1,700
42	48	95 389	51 041,539	1 231 362,380	24,125	23,664	92	98	413	105,033	214,548	2,043	1,582
43	49	95 059	50 113,107	1 180 320,841	23,553	23,092	93	99	225	56,354	109,516	1,943	1,483
44	50	94 677	49 174,479	1 130 207,734	22,984	22,523	94	100	116	28,704	53,162	1,852	1,391
45	51	94 255	48 231,706	1 081 033,255	22,413	21,953							
46	52	93 794	47 286,302	1 032 801,549	21,841	21,381							
47	53	93 276	46 330,436	985 515,247	21,271	20,811							
48	54	92 705	45 366,258	939 184,811	20,702	20,241							
49	55	92 083	44 396,075	893 818,554	20,133	19,672							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	4 305 348,398	43,230	42,769	50	57	91 048	43 248,190	832 438,143	19,248	18,787
1	8	99 180	97 713,879	4 205 755,990	43,042	42,581	51	58	90 285	42 251,966	789 189,953	18,678	18,217
2	9	99 138	96 229,588	4 108 042,111	42,690	42,229	52	59	89 442	41 238,802	746 937,987	18,113	17,652
3	10	99 113	94 783,210	4 011 812,523	42,326	41,865	53	60	88 546	40 222,549	705 699,185	17,545	17,084
4	11	99 090	93 360,851	3 917 029,314	41,956	41,495	54	61	87 557	39 185,327	665 476,636	16,983	16,522
5	12	99 068	91 960,576	3 823 668,463	41,579	41,119	55	62	86 501	38 140,752	626 291,309	16,421	15,960
6	13	99 049	90 584,125	3 731 707,887	41,196	40,735	56	63	85 365	37 083,708	588 150,557	15,860	15,399
7	14	99 028	89 227,257	3 641 123,761	40,807	40,347	57	64	84 164	36 021,686	551 066,848	15,298	14,837
8	15	99 007	87 889,244	3 551 896,505	40,413	39,953	58	65	82 893	34 953,352	515 045,162	14,735	14,274
9	16	98 984	86 570,326	3 464 007,261	40,014	39,553	59	66	81 524	33 868,025	480 091,810	14,175	13,715
10	17	98 959	85 269,929	3 377 436,935	39,609	39,148	60	67	80 078	32 775,635	446 223,785	13,614	13,154
11	18	98 933	83 987,525	3 292 167,005	39,198	38,737	61	68	78 514	31 660,711	413 448,149	13,059	12,598
12	19	98 902	82 720,212	3 208 179,480	38,784	38,323	62	69	76 871	30 540,041	381 787,438	12,501	12,040
13	20	98 870	81 471,699	3 125 459,268	38,363	37,902	63	70	75 094	29 392,854	351 247,397	11,950	11,489
14	21	98 841	80 243,722	3 043 987,569	37,934	37,473	64	71	73 222	28 236,689	321 854,543	11,398	10,938
15	22	98 803	79 027,731	2 963 743,847	37,503	37,042	65	72	71 206	27 053,699	293 617,853	10,853	10,392
16	23	98 761	77 826,394	2 884 716,116	37,066	36,605	66	73	69 012	25 832,411	266 564,154	10,319	9,858
17	24	98 709	76 636,078	2 806 889,723	36,626	36,165	67	74	66 685	24 592,539	240 731,743	9,789	9,328
18	25	98 653	75 460,585	2 730 253,645	36,181	35,720	68	75	64 217	23 332,540	216 139,204	9,263	8,803
19	26	98 576	74 287,529	2 654 793,060	35,737	35,276	69	76	61 553	22 033,834	192 806,664	8,750	8,290
20	27	98 496	73 130,230	2 580 505,530	35,286	34,826	70	77	58 696	20 700,583	170 772,829	8,250	7,789
21	28	98 412	71 987,859	2 507 375,300	34,831	34,370	71	78	55 652	19 336,992	150 072,246	7,761	7,300
22	29	98 331	70 865,592	2 435 387,441	34,366	33,905	72	79	52 411	17 941,820	130 735,254	7,287	6,826
23	30	98 248	69 759,680	2 364 521,849	33,895	33,434	73	80	48 975	16 517,974	112 793,434	6,829	6,368
24	31	98 167	68 672,045	2 294 762,169	33,416	32,955	74	81	45 349	15 068,935	96 275,459	6,389	5,928
25	32	98 078	67 596,163	2 226 090,124	32,932	32,471	75	82	41 549	13 602,063	81 206,524	5,970	5,509
26	33	97 986	66 534,683	2 158 493,961	32,442	31,981	76	83	37 630	12 136,947	67 604,462	5,570	5,109
27	34	97 891	65 487,677	2 091 959,277	31,944	31,484	77	84	33 631	10 687,060	55 467,515	5,190	4,729
28	35	97 789	64 452,876	2 026 471,600	31,441	30,980	78	85	29 595	9 265,557	44 780,455	4,833	4,372
29	36	97 687	63 433,975	1 962 018,725	30,930	30,469	79	86	25 565	7 885,443	35 514,898	4,504	4,043
30	37	97 579	62 427,196	1 898 584,750	30,413	29,952	80	87	21 695	6 592,878	27 629,455	4,191	3,730
31	38	97 463	61 431,396	1 836 157,554	29,890	29,429	81	88	17 903	5 360,174	21 036,577	3,925	3,464
32	39	97 333	60 443,025	1 774 726,158	29,362	28,901	82	89	14 485	4 272,644	15 676,403	3,669	3,208
33	40	97 192	59 463,473	1 714 283,133	28,829	28,368	83	90	11 434	3 322,975	11 403,758	3,432	2,971
34	41	97 052	58 500,427	1 654 819,660	28,287	27,827	84	91	8 860	2 536,884	8 080,784	3,185	2,725
35	42	96 893	57 541,465	1 596 319,234	27,742	27,281	85	92	6 592	1 859,395	5 543,900	2,982	2,521
36	43	96 718	56 588,451	1 538 777,768	27,192	26,732	86	93	4 743	1 318,129	3 684,505	2,795	2,334
37	44	96 527	55 642,516	1 482 189,317	26,638	26,177	87	94	3 289	900,584	2 366,376	2,628	2,167
38	45	96 323	54 704,138	1 426 546,801	26,077	25,617	88	95	2 186	589,777	1 465,793	2,485	2,025
39	46	96 089	53 764,857	1 371 842,663	25,516	25,055	89	96	1 403	372,799	876,016	2,350	1,889
40	47	95 827	52 826,067	1 318 077,806	24,951	24,490	90	97	863	225,904	503,217	2,228	1,767
41	48	95 531	51 884,231	1 265 251,739	24,386	23,925	91	98	513	132,302	277,314	2,096	1,635
42	49	95 212	50 946,961	1 213 367,508	23,816	23,355	92	99	287	73,073	145,011	1,984	1,524
43	50	94 860	50 008,267	1 162 420,547	23,245	22,784	93	100	152	38,044	71,938	1,891	1,430
44	51	94 456	49 059,585	1 112 412,280	22,675	22,214							
45	52	94 020	48 111,571	1 063 352,696	22,102	21,641							
46	53	93 534	47 155,279	1 015 241,124	21,530	21,069							
47	54	92 993	46 189,629	968 085,845	20,959	20,498							
48	55	92 410	45 221,714	921 896,216	20,386	19,925							
49	56	91 752	44 236,359	876 674,502	19,818	19,357							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	4 285 170,535	43,031	42,570	50	58	90 672	43 069,736	814 578,886	18,913	18,452
1	9	99 173	97 707,809	4 185 586,447	42,838	42,377	51	59	89 873	42 059,312	771 509,150	18,343	17,883
2	10	99 132	96 223,479	4 087 878,637	42,483	42,022	52	60	89 014	41 041,749	729 449,838	17,773	17,313
3	11	99 105	94 775,574	3 991 655,159	42,117	41,656	53	61	88 062	40 002,617	688 408,090	17,209	16,748
4	12	99 082	93 353,436	3 896 879,585	41,743	41,282	54	62	87 059	38 962,541	648 405,473	16,642	16,181
5	13	99 060	91 953,527	3 803 526,149	41,364	40,903	55	63	85 958	37 901,427	609 442,932	16,080	15,619
6	14	99 039	90 575,214	3 711 572,622	40,978	40,517	56	64	84 796	36 836,411	571 541,505	15,516	15,055
7	15	99 016	89 216,211	3 620 997,408	40,587	40,126	57	65	83 559	35 762,480	534 705,094	14,952	14,491
8	16	98 993	87 877,330	3 531 781,197	40,190	39,729	58	66	82 251	34 682,728	498 942,614	14,386	13,925
9	17	98 968	86 556,409	3 443 903,867	39,788	39,327	59	67	80 854	33 589,638	464 259,885	13,822	13,361
10	18	98 942	85 254,961	3 357 347,458	39,380	38,919	60	68	79 356	32 480,011	430 670,247	13,260	12,799
11	19	98 911	83 969,179	3 272 092,497	38,968	38,507	61	69	77 745	31 350,590	398 190,236	12,701	12,240
12	20	98 881	82 702,422	3 188 123,318	38,549	38,089	62	70	76 028	30 205,089	366 839,646	12,145	11,684
13	21	98 849	81 454,509	3 105 420,895	38,125	37,664	63	71	74 196	29 041,662	336 634,557	11,591	11,131
14	22	98 819	80 226,378	3 023 966,386	37,693	37,232	64	72	72 245	27 859,927	307 592,895	11,041	10,580
15	23	98 780	79 009,571	2 943 740,008	37,258	36,797	65	73	70 105	26 635,039	279 732,968	10,502	10,042
16	24	98 738	77 808,692	2 864 730,438	36,818	36,357	66	74	67 816	25 384,596	253 097,928	9,971	9,510
17	25	98 686	76 618,655	2 786 921,746	36,374	35,913	67	75	65 396	24 117,311	227 713,333	9,442	8,981
18	26	98 631	75 443,769	2 710 303,091	35,925	35,464	68	76	62 787	22 812,664	203 596,022	8,925	8,464
19	27	98 550	74 267,683	2 634 859,322	35,478	35,017	69	77	59 992	21 475,328	180 783,358	8,418	7,957
20	28	98 470	73 111,353	2 560 591,640	35,023	34,562	70	78	56 996	20 101,213	159 308,030	7,925	7,464
21	29	98 386	71 969,161	2 487 480,286	34,563	34,102	71	79	53 801	18 693,880	139 206,817	7,447	6,986
22	30	98 303	70 845,937	2 415 511,125	34,095	33,634	72	80	50 443	17 268,093	120 512,937	6,979	6,518
23	31	98 221	69 740,535	2 344 665,188	33,620	33,159	73	81	46 851	15 801,537	103 244,843	6,534	6,073
24	32	98 135	68 649,656	2 274 924,653	33,138	32,677	74	82	43 105	14 323,086	87 443,306	6,105	5,644
25	33	98 044	67 572,752	2 206 274,997	32,650	32,190	75	83	39 186	12 828,543	73 120,220	5,700	5,239
26	34	97 951	66 510,612	2 138 702,246	32,156	31,695	76	84	35 185	11 348,542	60 291,677	5,313	4,852
27	35	97 851	65 461,101	2 072 191,634	31,655	31,195	77	85	31 143	9 896,369	48 943,135	4,946	4,485
28	36	97 748	64 425,409	2 006 730,533	31,148	30,687	78	86	27 071	8 475,247	39 046,766	4,607	4,146
29	37	97 642	63 404,395	1 942 305,124	30,634	30,173	79	87	23 094	7 123,327	30 571,519	4,292	3,831
30	38	97 527	62 394,315	1 878 900,729	30,113	29,653	80	88	19 207	5 836,928	23 448,192	4,017	3,556
31	39	97 405	61 395,178	1 816 506,414	29,587	29,126	81	89	15 657	4 687,676	17 611,264	3,757	3,296
32	40	97 264	60 400,517	1 755 111,236	29,058	28,597	82	90	12 460	3 675,462	12 923,588	3,516	3,055
33	41	97 123	59 421,088	1 694 710,719	28,520	28,060	83	91	9 740	2 830,521	9 248,126	3,267	2,806
34	42	96 971	58 451,814	1 635 289,631	27,977	27,516	84	92	7 326	2 097,637	6 417,605	3,059	2,599
35	43	96 801	57 487,034	1 576 837,817	27,429	26,969	85	93	5 346	1 508,000	4 319,968	2,865	2,404
36	44	96 615	56 528,720	1 519 350,783	26,878	26,417	86	94	3 762	1 045,431	2 811,968	2,690	2,229
37	45	96 418	55 579,594	1 462 822,063	26,319	25,859	87	95	2 548	697,599	1 766,537	2,532	2,072
38	46	96 193	54 630,147	1 407 242,469	25,759	25,299	88	96	1 652	445,607	1 068,937	2,399	1,938
39	47	95 940	53 681,473	1 352 612,322	25,197	24,736	89	97	1 032	274,383	623,331	2,272	1,811
40	48	95 661	52 734,392	1 298 930,849	24,632	24,171	90	98	618	161,757	348,947	2,157	1,696
41	49	95 354	51 788,092	1 246 196,458	24,063	23,603	91	99	357	92,045	187,190	2,034	1,573
42	50	95 013	50 840,376	1 194 408,366	23,493	23,033	92	100	194	49,331	95,145	1,929	1,468
43	51	94 638	49 891,424	1 143 567,990	22,921	22,460							
44	52	94 221	48 937,388	1 093 676,566	22,348	21,888							
45	53	93 760	47 978,262	1 044 739,178	21,775	21,314							
46	54	93 249	47 011,966	996 760,916	21,202	20,741							
47	55	92 696	46 042,462	949 748,950	20,628	20,167							
48	56	92 077	45 059,027	903 706,488	20,056	19,595							
49	57	91 404	44 068,575	858 647,461	19,484	19,024							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	4 263 917,235	42,820	42,359	50	59	90 259	42 873,353	795 856,044	18,563	18,102
1	10	99 167	97 701,606	4 164 339,332	42,623	42,162	51	60	89 444	41 858,338	752 982,692	17,989	17,528
2	11	99 124	96 215,727	4 066 637,725	42,266	41,805	52	61	88 528	40 817,337	711 124,354	17,422	16,961
3	12	99 097	94 768,047	3 970 421,998	41,896	41,435	53	62	87 561	39 775,183	670 307,016	16,852	16,392
4	13	99 074	93 346,280	3 875 653,951	41,519	41,058	54	63	86 513	38 718,059	630 531,833	16,285	15,824
5	14	99 050	91 944,481	3 782 307,671	41,137	40,676	55	64	85 385	37 648,677	591 813,774	15,719	15,259
6	15	99 027	90 564,002	3 690 363,190	40,749	40,288	56	65	84 186	36 571,343	554 165,097	15,153	14,692
7	16	99 003	89 204,117	3 599 799,188	40,355	39,894	57	66	82 912	35 485,592	517 593,754	14,586	14,125
8	17	98 977	87 863,202	3 510 595,072	39,955	39,494	58	67	81 575	34 397,645	482 108,163	14,016	13,555
9	18	98 950	86 541,215	3 422 731,870	39,550	39,090	59	68	80 125	33 286,672	447 710,518	13,450	12,989
10	19	98 920	85 236,338	3 336 190,655	39,140	38,680	60	69	78 579	32 161,865	414 423,846	12,886	12,425
11	20	98 890	83 951,121	3 250 954,316	38,724	38,264	61	70	76 893	31 006,748	382 261,981	12,328	11,868
12	21	98 860	82 684,973	3 167 003,195	38,302	37,841	62	71	75 120	29 844,192	351 255,234	11,770	11,309
13	22	98 828	81 436,903	3 084 318,222	37,874	37,413	63	72	73 206	28 654,159	321 411,042	11,217	10,756
14	23	98 797	80 207,942	3 002 881,319	37,439	36,978	64	73	71 127	27 428,791	292 756,883	10,673	10,213
15	24	98 758	78 991,600	2 922 673,377	37,000	36,539	65	74	68 889	26 173,310	265 328,092	10,137	9,677
16	25	98 716	77 791,002	2 843 681,777	36,555	36,095	66	75	66 505	24 894,062	239 154,781	9,607	9,146
17	26	98 664	76 601,581	2 765 890,776	36,107	35,647	67	76	63 939	23 579,949	214 260,719	9,087	8,626
18	27	98 604	75 423,614	2 689 289,195	35,656	35,195	68	77	61 195	22 234,416	190 680,770	8,576	8,115
19	28	98 524	74 248,512	2 613 865,581	35,204	34,743	69	78	58 255	20 853,525	168 446,354	8,078	7,617
20	29	98 445	73 092,364	2 539 617,069	34,745	34,285	70	79	55 101	19 432,685	147 592,829	7,595	7,134
21	30	98 359	71 949,200	2 466 524,706	34,281	33,821	71	80	51 781	17 991,913	128 160,145	7,123	6,662
22	31	98 276	70 826,494	2 394 575,506	33,809	33,348	72	81	48 255	16 519,121	110 168,231	6,669	6,208
23	32	98 189	69 717,798	2 323 749,012	33,331	32,870	73	82	44 532	15 019,428	93 649,110	6,235	5,774
24	33	98 101	68 625,879	2 254 031,214	32,845	32,384	74	83	40 653	13 508,564	78 629,682	5,821	5,360
25	34	98 009	67 548,304	2 185 405,334	32,353	31,892	75	84	36 640	11 995,212	65 121,119	5,429	4,968
26	35	97 911	66 483,620	2 117 857,030	31,855	31,395	76	85	32 582	10 508,911	53 125,906	5,055	4,595
27	36	97 810	65 433,204	2 051 373,410	31,351	30,890	77	86	28 487	9 052,254	42 616,995	4,708	4,247
28	37	97 702	64 395,366	1 985 940,205	30,840	30,379	78	87	24 455	7 656,126	33 564,741	4,384	3,923
29	38	97 590	63 371,000	1 921 544,839	30,322	29,861	79	88	20 446	6 306,555	25 908,615	4,108	3,647
30	39	97 470	62 357,529	1 858 173,839	29,799	29,338	80	89	16 798	5 104,615	19 602,060	3,840	3,379
31	40	97 337	61 352,001	1 795 816,310	29,271	28,810	81	90	13 469	4 032,485	14 497,445	3,595	3,134
32	41	97 195	60 357,464	1 734 464,309	28,737	28,276	82	91	10 614	3 130,771	10 464,959	3,343	2,882
33	42	97 042	59 371,710	1 674 106,845	28,197	27,736	83	92	8 053	2 340,433	7 334,188	3,134	2,673
34	43	96 880	58 396,522	1 614 735,135	27,651	27,190	84	93	5 942	1 701,219	4 993,755	2,935	2,475
35	44	96 699	57 426,354	1 556 338,613	27,101	26,641	85	94	4 240	1 196,021	3 292,537	2,753	2,292
36	45	96 506	56 464,796	1 498 912,259	26,546	26,085	86	95	2 914	809,799	2 096,516	2,589	2,128
37	46	96 288	55 504,419	1 442 447,463	25,988	25,527	87	96	1 925	527,072	1 286,717	2,441	1,980
38	47	96 043	54 545,420	1 386 943,044	25,427	24,967	88	97	1 216	327,971	759,644	2,316	1,855
39	48	95 774	53 588,313	1 332 397,624	24,864	24,403	89	98	739	196,471	431,673	2,197	1,736
40	49	95 484	52 636,677	1 278 809,311	24,295	23,834	90	99	430	112,538	235,202	2,090	1,629
41	50	95 154	51 679,747	1 226 172,634	23,726	23,266	91	100	241	62,139	122,665	1,974	1,513
42	51	94 791	50 721,590	1 174 492,887	23,156	22,695							
43	52	94 402	49 767,155	1 123 771,297	22,581	22,120							
44	53	93 960	48 801,790	1 074 004,142	22,007	21,547							
45	54	93 475	47 832,447	1 025 202,352	21,433	20,972							
46	55	92 952	46 862,179	977 369,905	20,856	20,395							
47	56	92 363	45 876,823	930 507,726	20,283	19,822							
48	57	91 728	44 888,123	884 630,904	19,707	19,247							
49	58	91 027	43 886,736	839 742,780	19,134	18,674							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	4 241 584,119	42,598	42,138	50	60	89 828	42 668,489	776 289,180	18,194	17,733
1	11	99 159	97 693,736	4 142 012,538	42,398	41,937	51	61	88 955	41 629,461	733 620,691	17,623	17,162
2	12	99 116	96 208,086	4 044 318,802	42,037	41,576	52	62	88 024	40 585,272	691 991,229	17,050	16,590
3	13	99 089	94 760,782	3 948 110,716	41,664	41,203	53	63	87 012	39 525,603	651 405,957	16,481	16,020
4	14	99 065	93 337,098	3 853 349,934	41,284	40,823	54	64	85 936	38 459,863	611 880,355	15,910	15,449
5	15	99 038	91 933,099	3 760 012,836	40,899	40,439	55	65	84 771	37 377,764	573 420,492	15,341	14,880
6	16	99 013	90 551,725	3 668 079,738	40,508	40,047	56	66	83 534	36 288,192	536 042,728	14,772	14,311
7	17	98 987	89 189,776	3 577 528,013	40,111	39,651	57	67	82 230	35 193,909	499 754,537	14,200	13,739
8	18	98 960	87 847,779	3 488 338,237	39,709	39,248	58	68	80 840	34 087,391	464 560,628	13,629	13,168
9	19	98 929	86 522,311	3 400 490,458	39,302	38,841	59	69	79 340	32 960,624	430 473,237	13,060	12,599
10	20	98 899	85 218,008	3 313 968,147	38,888	38,427	60	70	77 717	31 809,124	397 512,613	12,497	12,036
11	21	98 869	83 933,409	3 228 750,139	38,468	38,007	61	71	75 974	30 636,272	365 703,489	11,937	11,476
12	22	98 838	82 667,101	3 144 816,730	38,042	37,581	62	72	74 117	29 445,981	335 067,216	11,379	10,918
13	23	98 805	81 418,189	3 062 149,629	37,610	37,149	63	73	72 073	28 210,732	305 621,235	10,834	10,373
14	24	98 774	80 189,698	2 980 731,440	37,171	36,710	64	74	69 894	26 953,302	277 410,503	10,292	9,831
15	25	98 735	78 973,641	2 900 541,742	36,728	36,267	65	75	67 558	25 667,535	250 457,202	9,758	9,297
16	26	98 694	77 773,666	2 821 568,101	36,279	35,818	66	76	65 023	24 339,393	224 789,666	9,236	8,775
17	27	98 638	76 581,116	2 743 794,435	35,829	35,368	67	77	62 319	22 982,252	200 450,273	8,722	8,261
18	28	98 579	75 404,144	2 667 213,319	35,372	34,911	68	78	59 423	21 590,635	177 468,021	8,220	7,759
19	29	98 499	74 229,227	2 591 809,175	34,916	34,455	69	79	56 318	20 159,976	155 877,386	7,732	7,271
20	30	98 418	73 072,091	2 517 579,947	34,453	33,993	70	80	53 031	18 702,975	135 717,410	7,256	6,796
21	31	98 332	71 929,454	2 444 507,857	33,985	33,524	71	81	49 535	17 211,547	117 014,435	6,799	6,338
22	32	98 244	70 803,403	2 372 578,403	33,509	33,049	72	82	45 867	15 701,494	99 802,889	6,356	5,895
23	33	98 155	69 693,652	2 301 775,000	33,027	32,566	73	83	42 000	14 165,306	84 101,394	5,937	5,476
24	34	98 065	68 601,051	2 232 081,348	32,537	32,076	74	84	38 013	12 631,060	69 936,088	5,537	5,076
25	35	97 969	67 520,892	2 163 480,297	32,042	31,581	75	85	33 930	11 107,737	57 305,029	5,159	4,698
26	36	97 869	66 455,288	2 095 959,405	31,539	31,079	76	86	29 803	9 612,549	46 197,292	4,806	4,345
27	37	97 764	65 402,692	2 029 504,117	31,031	30,570	77	87	25 733	8 177,366	36 584,743	4,474	4,013
28	38	97 651	64 361,449	1 964 101,425	30,517	30,056	78	88	21 651	6 778,263	28 407,376	4,191	3,730
29	39	97 533	63 333,638	1 899 739,976	29,996	29,535	79	89	17 881	5 515,322	21 629,113	3,922	3,461
30	40	97 401	62 313,676	1 836 406,338	29,470	29,010	80	90	14 450	4 391,150	16 113,791	3,670	3,209
31	41	97 267	61 308,270	1 774 092,662	28,937	28,476	81	91	11 473	3 434,885	11 722,642	3,413	2,952
32	42	97 114	60 307,308	1 712 784,393	28,401	27,940	82	92	8 776	2 588,696	8 287,757	3,202	2,741
33	43	96 950	59 315,548	1 652 477,084	27,859	27,398	83	93	6 531	1 898,130	5 699,061	3,002	2,542
34	44	96 777	58 334,882	1 593 161,536	27,311	26,850	84	94	4 712	1 349,266	3 800,931	2,817	2,356
35	45	96 590	57 361,415	1 534 826,655	26,757	26,296	85	95	3 284	926,447	2 451,665	2,646	2,186
36	46	96 376	56 388,423	1 477 465,240	26,202	25,741	86	96	2 202	611,845	1 525,218	2,493	2,032
37	47	96 138	55 418,336	1 421 076,817	25,643	25,182	87	97	1 417	387,930	913,373	2,354	1,894
38	48	95 877	54 450,762	1 365 658,480	25,081	24,620	88	98	871	234,842	525,442	2,237	1,777
39	49	95 596	53 489,016	1 311 207,719	24,514	24,053	89	99	514	136,689	290,600	2,126	1,665
40	50	95 284	52 526,557	1 257 718,703	23,944	23,484	90	100	290	75,974	153,912	2,026	1,565
41	51	94 932	51 558,999	1 205 192,146	23,375	22,914							
42	52	94 555	50 595,253	1 153 633,147	22,801	22,340							
43	53	94 141	49 629,259	1 103 037,894	22,226	21,765							
44	54	93 674	48 653,472	1 053 408,635	21,651	21,190							
45	55	93 177	47 680,046	1 004 755,163	21,073	20,612							
46	56	92 618	46 693,590	957 075,117	20,497	20,036							
47	57	92 013	45 702,817	910 381,527	19,920	19,459							
48	58	91 349	44 702,902	864 678,710	19,343	18,882							
49	59	90 612	43 686,628	819 975,807	18,769	18,309							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	4 218 172,530	42,367	41,906	50	61	89 336	42 435,183	755 892,043	17,813	17,352
1	12	99 151	97 685,977	4 118 608,970	42,162	41,701	51	62	88 449	41 392,778	713 456,860	17,236	16,775
2	13	99 108	96 200,711	4 020 922,993	41,797	41,336	52	63	87 472	40 330,608	672 064,081	16,664	16,203
3	14	99 080	94 751,461	3 924 722,282	41,421	40,960	53	64	86 432	39 262,021	631 733,473	16,090	15,629
4	15	99 052	93 325,543	3 829 970,822	41,039	40,578	54	65	85 317	38 183,113	592 471,452	15,517	15,056
5	16	99 025	91 920,636	3 736 645,279	40,651	40,190	55	66	84 114	37 088,369	554 288,340	14,945	14,484
6	17	98 997	90 537,167	3 644 724,642	40,257	39,796	56	67	82 847	35 989,911	517 199,971	14,371	13,910
7	18	98 969	89 174,120	3 554 187,475	39,857	39,396	57	68	81 489	34 876,473	481 210,060	13,798	13,337
8	19	98 938	87 828,590	3 465 013,355	39,452	38,991	58	69	80 048	33 753,500	446 333,587	13,223	12,763
9	20	98 907	86 503,704	3 377 184,766	39,041	38,580	59	70	78 470	32 599,123	412 580,087	12,656	12,195
10	21	98 878	85 200,028	3 290 681,062	38,623	38,162	60	71	76 788	31 429,062	379 980,964	12,090	11,629
11	22	98 848	83 915,267	3 205 481,034	38,199	37,738	61	72	74 960	30 227,493	348 551,901	11,531	11,070
12	23	98 816	82 648,105	3 121 565,767	37,769	37,309	62	73	72 971	28 990,300	318 324,409	10,980	10,520
13	24	98 783	81 399,670	3 038 917,663	37,333	36,872	63	74	70 824	27 721,687	289 334,109	10,437	9,976
14	25	98 752	80 171,467	2 957 517,992	36,890	36,429	64	75	68 543	26 432,454	261 612,421	9,897	9,437
15	26	98 713	78 956,042	2 877 346,525	36,442	35,982	65	76	66 053	25 095,633	235 179,967	9,371	8,911
16	27	98 667	77 752,888	2 798 390,484	35,991	35,530	66	77	63 375	23 722,446	210 084,334	8,856	8,395
17	28	98 613	76 561,348	2 720 637,595	35,535	35,075	67	78	60 514	22 316,818	186 361,888	8,351	7,890
18	29	98 553	75 384,559	2 644 076,247	35,075	34,614	68	79	57 447	20 872,571	164 045,071	7,859	7,399
19	30	98 471	74 208,639	2 568 691,688	34,614	34,154	69	80	54 203	19 402,956	143 172,500	7,379	6,918
20	31	98 391	73 052,037	2 494 483,049	34,147	33,686	70	81	50 731	17 891,767	123 769,543	6,918	6,457
21	32	98 300	71 906,003	2 421 431,012	33,675	33,214	71	82	47 083	16 359,648	105 877,776	6,472	6,011
22	33	98 210	70 778,881	2 349 525,009	33,195	32,734	72	83	43 258	14 808,585	89 518,129	6,045	5,584
23	34	98 119	69 668,437	2 278 746,128	32,708	32,248	73	84	39 272	13 245,140	74 709,544	5,641	5,180
24	35	98 026	68 573,211	2 209 077,691	32,215	31,754	74	85	35 200	11 696,541	61 464,403	5,255	4,794
25	36	97 927	67 492,117	2 140 504,480	31,715	31,254	75	86	31 036	10 160,298	49 767,863	4,898	4,437
26	37	97 824	66 424,299	2 073 012,362	31,209	30,748	76	87	26 922	8 683,510	39 607,565	4,561	4,100
27	38	97 712	65 368,244	2 006 588,064	30,697	30,236	77	88	22 783	7 239,737	30 924,055	4,271	3,811
28	39	97 593	64 323,504	1 941 219,819	30,179	29,718	78	89	18 934	5 927,848	23 684,318	3,995	3,535
29	40	97 464	63 289,098	1 876 896,316	29,656	29,195	79	90	15 382	4 744,452	17 756,470	3,743	3,282
30	41	97 332	62 269,259	1 813 607,218	29,125	28,664	80	91	12 308	3 740,396	13 012,018	3,479	3,018
31	42	97 186	61 257,324	1 751 337,959	28,590	28,129	81	92	9 486	2 840,154	9 271,621	3,264	2,804
32	43	97 022	60 250,261	1 690 080,635	28,051	27,590	82	93	7 117	2 099,476	6 431,467	3,063	2,603
33	44	96 848	59 252,937	1 629 830,374	27,506	27,046	83	94	5 180	1 505,439	4 331,991	2,878	2,417
34	45	96 668	58 268,915	1 570 577,437	26,954	26,493	84	95	3 650	1 045,152	2 826,552	2,704	2,244
35	46	96 459	57 283,830	1 512 308,521	26,400	25,939	85	96	2 481	699,979	1 781,400	2,545	2,084
36	47	96 226	56 300,970	1 455 024,692	25,844	25,383	86	97	1 620	450,324	1 081,421	2,401	1,941
37	48	95 972	55 322,163	1 398 723,722	25,283	24,822	87	98	1 014	277,776	631,097	2,272	1,811
38	49	95 699	54 349,866	1 343 401,559	24,718	24,257	88	99	606	163,384	353,321	2,163	1,702
39	50	95 396	53 377,113	1 289 051,693	24,150	23,689	89	100	347	92,278	189,937	2,058	1,598
40	51	95 062	52 403,831	1 235 674,580	23,580	23,119							
41	52	94 695	51 430,577	1 183 270,749	23,007	22,546							
42	53	94 293	50 455,062	1 131 840,173	22,433	21,972							
43	54	93 855	49 478,426	1 081 385,111	21,856	21,395							
44	55	93 376	48 498,455	1 031 906,685	21,277	20,816							
45	56	92 842	47 508,515	983 408,230	20,700	20,239							
46	57	92 267	46 516,487	935 899,715	20,120	19,659							
47	58	91 633	45 514,235	889 383,228	19,541	19,080							
48	59	90 933	44 499,073	843 868,994	18,964	18,503							
49	60	90 179	43 477,878	799 369,921	18,386	17,925							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	4 193 688,369	42,124	41,663	50	62	88 828	42 193,919	734 701,877	17,413	16,952
1	13	99 144	97 678,489	4 094 132,717	41,914	41,454	51	63	87 894	41 133,048	692 507,958	16,836	16,375
2	14	99 099	96 191,248	3 996 454,228	41,547	41,086	52	64	86 889	40 061,658	651 374,910	16,259	15,799
3	15	99 067	94 739,731	3 900 262,981	41,168	40,707	53	65	85 810	38 979,499	611 313,252	15,683	15,222
4	16	99 039	93 312,892	3 805 523,250	40,782	40,322	54	66	84 657	37 887,482	572 333,754	15,106	14,645
5	17	99 009	91 905,859	3 712 210,358	40,391	39,931	55	67	83 423	36 783,511	534 446,271	14,530	14,069
6	18	98 980	90 521,275	3 620 304,499	39,994	39,533	56	68	82 100	35 665,296	497 662,760	13,954	13,493
7	19	98 948	89 154,641	3 529 783,224	39,592	39,131	57	69	80 690	34 534,853	461 997,464	13,378	12,917
8	20	98 917	87 809,702	3 440 628,584	39,183	38,722	58	70	79 170	33 383,303	427 462,611	12,805	12,344
9	21	98 887	86 485,453	3 352 818,882	38,767	38,307	59	71	77 532	32 209,622	394 079,309	12,235	11,774
10	22	98 857	85 181,612	3 266 333,429	38,346	37,885	60	72	75 764	31 009,704	361 869,686	11,670	11,209
11	23	98 825	83 895,983	3 181 151,817	37,918	37,457	61	73	73 800	29 759,718	330 859,982	11,118	10,657
12	24	98 793	82 629,306	3 097 255,834	37,484	37,023	62	74	71 706	28 487,741	301 100,264	10,569	10,109
13	25	98 760	81 381,164	3 014 626,528	37,043	36,582	63	75	69 455	27 185,992	272 612,523	10,028	9,567
14	26	98 730	80 153,601	2 933 245,364	36,595	36,135	64	76	67 016	25 843,508	245 426,531	9,497	9,036
15	27	98 687	78 934,948	2 853 091,763	36,145	35,684	65	77	64 378	24 459,517	219 583,023	8,977	8,517
16	28	98 642	77 732,818	2 774 156,815	35,688	35,228	66	78	61 540	23 035,580	195 123,506	8,471	8,010
17	29	98 587	76 541,462	2 696 423,997	35,228	34,767	67	79	58 502	21 574,602	172 087,926	7,976	7,516
18	30	98 526	75 363,651	2 619 882,535	34,763	34,302	68	80	55 290	20 088,793	150 513,324	7,492	7,032
19	31	98 444	74 188,273	2 544 518,884	34,298	33,837	69	81	51 852	18 561,388	130 424,531	7,027	6,566
20	32	98 358	73 028,220	2 470 330,611	33,827	33,366	70	82	48 220	17 006,200	111 863,143	6,578	6,117
21	33	98 266	71 881,099	2 397 302,391	33,351	32,890	71	83	44 405	15 429,310	94 856,943	6,148	5,687
22	34	98 175	70 753,273	2 325 421,292	32,867	32,406	72	84	40 448	13 846,632	79 427,633	5,736	5,275
23	35	98 080	69 640,164	2 254 668,019	32,376	31,915	73	85	36 366	12 265,188	65 581,000	5,347	4,886
24	36	97 984	68 543,989	2 185 027,854	31,878	31,417	74	86	32 198	10 698,879	53 315,812	4,983	4,523
25	37	97 882	67 460,645	2 116 483,866	31,374	30,913	75	87	28 036	9 178,320	42 616,933	4,643	4,182
26	38	97 772	66 389,313	2 049 023,221	30,864	30,403	76	88	23 835	7 687,845	33 438,613	4,350	3,889
27	39	97 655	65 329,705	1 982 633,908	30,348	29,887	77	89	19 924	6 331,425	25 750,768	4,067	3,606
28	40	97 524	64 278,267	1 917 304,203	29,828	29,367	78	90	16 288	5 099,320	19 419,343	3,808	3,347
29	41	97 395	63 243,986	1 853 025,935	29,300	28,839	79	91	13 102	4 041,341	14 320,023	3,543	3,083
30	42	97 251	62 217,515	1 789 781,949	28,767	28,306	80	92	10 177	3 092,768	10 278,682	3,323	2,863
31	43	97 094	61 199,378	1 727 564,435	28,228	27,768	81	93	7 693	2 303,413	7 185,914	3,120	2,659
32	44	96 920	60 186,664	1 666 365,057	27,687	27,226	82	94	5 645	1 665,130	4 882,502	2,932	2,471
33	45	96 738	59 185,933	1 606 178,393	27,138	26,677	83	95	4 013	1 166,126	3 217,371	2,759	2,298
34	46	96 537	58 190,103	1 546 992,461	26,585	26,124	84	96	2 758	789,666	2 051,246	2,598	2,137
35	47	96 310	57 194,987	1 488 802,358	26,030	25,569	85	97	1 826	515,191	1 261,579	2,449	1,988
36	48	96 059	56 203,264	1 431 607,371	25,472	25,011	86	98	1 160	322,452	746,388	2,315	1,854
37	49	95 794	55 219,653	1 375 404,106	24,908	24,447	87	99	706	193,254	423,936	2,194	1,733
38	50	95 499	54 236,162	1 320 184,454	24,341	23,881	88	100	409	110,300	230,682	2,091	1,631
39	51	95 173	53 252,399	1 265 948,291	23,773	23,312							
40	52	94 825	52 273,304	1 212 695,892	23,199	22,738							
41	53	94 433	51 288,071	1 160 422,588	22,626	22,165							
42	54	94 006	50 301,719	1 109 134,517	22,050	21,589							
43	55	93 556	49 320,781	1 058 832,797	21,468	21,007							
44	56	93 040	48 323,980	1 009 512,017	20,890	20,430							
45	57	92 490	47 328,320	961 188,037	20,309	19,848							
46	58	91 886	46 324,547	913 859,716	19,727	19,267							
47	59	91 215	45 306,706	867 535,170	19,148	18,687							
48	60	90 498	44 286,441	822 228,464	18,566	18,105							
49	61	89 686	43 240,146	777 942,023	17,991	17,530							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	4 168 138,311	41,871	41,410	50	63	88 271	41 929,161	712 738,210	16,999	16,538
1	14	99 134	97 668,880	4 068 590,290	41,657	41,196	51	64	87 308	40 858,747	670 809,048	16,418	15,957
2	15	99 086	96 179,340	3 970 921,410	41,287	40,826	52	65	86 263	39 773,382	629 950,302	15,838	15,378
3	16	99 054	94 726,888	3 874 742,070	40,904	40,444	53	66	85 145	38 677,703	590 176,920	15,259	14,798
4	17	99 023	93 297,890	3 780 015,182	40,516	40,055	54	67	83 961	37 576,056	551 499,217	14,677	14,216
5	18	98 991	91 889,726	3 686 717,292	40,121	39,660	55	68	82 670	36 451,738	513 923,161	14,099	13,638
6	19	98 958	90 501,501	3 594 827,566	39,721	39,260	56	69	81 296	35 315,949	477 471,423	13,520	13,059
7	20	98 927	89 135,468	3 504 326,064	39,315	38,854	57	70	79 805	34 156,086	442 155,474	12,945	12,484
8	21	98 896	87 791,175	3 415 190,597	38,901	38,441	58	71	78 224	32 984,432	407 999,388	12,369	11,909
9	22	98 865	86 466,759	3 327 399,422	38,482	38,021	59	72	76 498	31 779,849	375 014,956	11,800	11,340
10	23	98 834	85 162,038	3 240 932,663	38,056	37,595	60	73	74 591	30 529,825	343 235,107	11,243	10,782
11	24	98 803	83 876,901	3 155 770,625	37,624	37,163	61	74	72 521	29 243,821	312 705,282	10,693	10,232
12	25	98 771	82 610,520	3 071 893,724	37,185	36,724	62	75	70 320	27 937,242	283 461,461	10,146	9,686
13	26	98 738	81 363,029	2 989 283,205	36,740	36,279	63	76	67 908	26 580,256	255 524,219	9,613	9,153
14	27	98 703	80 132,188	2 907 920,176	36,289	35,828	64	77	65 317	25 188,435	228 943,963	9,089	8,628
15	28	98 662	78 914,572	2 827 787,988	35,834	35,373	65	78	62 514	23 751,309	203 755,527	8,579	8,118
16	29	98 616	77 712,628	2 748 873,416	35,372	34,911	66	79	59 493	22 269,460	180 004,218	8,083	7,622
17	30	98 560	76 520,233	2 671 160,788	34,908	34,447	67	80	56 305	20 764,462	157 734,758	7,596	7,136
18	31	98 499	75 342,968	2 594 640,555	34,438	33,977	68	81	52 892	19 217,478	136 970,296	7,127	6,667
19	32	98 412	74 164,086	2 519 297,587	33,969	33,508	69	82	49 286	17 642,678	117 752,818	6,674	6,214
20	33	98 324	73 002,927	2 445 133,501	33,494	33,033	70	83	45 478	16 039,095	100 110,140	6,242	5,781
21	34	98 230	71 855,093	2 372 130,574	33,013	32,552	71	84	41 521	14 427,036	84 071,046	5,827	5,367
22	35	98 135	70 724,560	2 300 275,481	32,524	32,064	72	85	37 456	12 822,178	69 644,009	5,432	4,971
23	36	98 038	69 610,487	2 229 550,921	32,029	31,568	73	86	33 264	11 219,024	56 821,831	5,065	4,604
24	37	97 938	68 512,025	2 159 940,435	31,526	31,066	74	87	29 086	9 664,848	45 602,808	4,718	4,258
25	38	97 830	67 425,113	2 091 428,409	31,019	30,558	75	88	24 821	8 125,919	35 937,960	4,423	3,962
26	39	97 715	66 350,172	2 024 003,296	30,505	30,044	76	89	20 845	6 723,312	27 812,041	4,137	3,676
27	40	97 586	65 283,761	1 957 653,124	29,987	29,526	77	90	17 140	5 446,489	21 088,728	3,872	3,411
28	41	97 455	64 232,450	1 892 369,362	29,461	29,000	78	91	13 874	4 343,619	15 642,239	3,601	3,140
29	42	97 314	63 191,432	1 828 136,912	28,930	28,469	79	92	10 834	3 341,606	11 298,620	3,381	2,920
30	43	97 159	62 158,660	1 764 945,481	28,394	27,933	80	93	8 254	2 508,287	7 957,014	3,172	2,711
31	44	96 992	61 134,779	1 702 786,820	27,853	27,392	81	94	6 102	1 826,876	5 448,727	2,983	2,522
32	45	96 810	60 118,603	1 641 652,042	27,307	26,846	82	95	4 373	1 289,824	3 621,852	2,808	2,347
33	46	96 607	59 105,880	1 581 533,438	26,758	26,297	83	96	3 032	881,068	2 332,028	2,647	2,186
34	47	96 387	58 099,855	1 522 427,558	26,204	25,743	84	97	2 030	581,202	1 450,960	2,496	2,036
35	48	96 142	57 095,730	1 464 327,704	25,647	25,186	85	98	1 308	368,900	869,758	2,358	1,897
36	49	95 881	56 099,122	1 407 231,973	25,085	24,624	86	99	807	224,336	500,858	2,233	1,772
37	50	95 593	55 104,129	1 351 132,852	24,520	24,059	87	100	476	130,465	276,521	2,120	1,659
38	51	95 276	54 109,442	1 296 028,723	23,952	23,491							
39	52	94 936	53 119,759	1 241 919,281	23,380	22,919							
40	53	94 562	52 128,463	1 188 799,522	22,805	22,344							
41	54	94 146	51 132,197	1 136 671,059	22,230	21,769							
42	55	93 707	50 141,451	1 085 538,861	21,650	21,189							
43	56	93 219	49 143,347	1 035 397,411	21,069	20,608							
44	57	92 687	48 140,693	986 254,064	20,487	20,026							
45	58	92 108	47 133,030	938 113,371	19,904	19,443							
46	59	91 467	46 113,323	890 980,341	19,322	18,861							
47	60	90 779	45 090,214	844 867,018	18,737	18,276							
48	61	90 004	44 044,288	799 776,803	18,158	17,698							
49	62	89 176	42 994,306	755 732,515	17,578	17,117							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	4 141 530,803	41,607	41,147	50	64	87 682	41 649,551	690 038,530	16,568	16,107
1	15	99 122	97 656,789	4 041 992,574	41,390	40,929	51	65	86 680	40 564,735	648 388,978	15,984	15,523
2	16	99 073	96 166,301	3 944 335,785	41,016	40,555	52	66	85 596	39 465,439	607 824,244	15,401	14,941
3	17	99 038	94 711,659	3 848 169,484	40,630	40,170	53	67	84 445	38 359,781	568 358,805	14,817	14,356
4	18	99 006	93 281,513	3 753 457,824	40,238	39,777	54	68	83 204	37 237,134	529 999,023	14,233	13,772
5	19	98 970	91 869,654	3 660 176,311	39,841	39,380	55	69	81 861	36 094,688	492 761,889	13,652	13,191
6	20	98 937	90 482,039	3 568 306,657	39,437	38,976	56	70	80 404	34 928,616	456 667,201	13,074	12,614
7	21	98 906	89 116,661	3 477 824,619	39,026	38,565	57	71	78 852	33 747,982	421 738,586	12,497	12,036
8	22	98 875	87 772,199	3 388 707,958	38,608	38,147	58	72	77 180	32 544,321	387 990,604	11,922	11,461
9	23	98 843	86 446,890	3 300 935,759	38,185	37,724	59	73	75 314	31 288,052	355 446,283	11,360	10,900
10	24	98 812	85 142,667	3 214 488,869	37,754	37,293	60	74	73 298	30 000,578	324 158,231	10,805	10,344
11	25	98 780	83 857,831	3 129 346,202	37,317	36,856	61	75	71 119	28 678,711	294 157,654	10,257	9,796
12	26	98 749	82 592,111	3 045 488,371	36,874	36,413	62	76	68 753	27 314,768	265 478,942	9,719	9,258
13	27	98 712	81 341,292	2 962 896,260	36,425	35,965	63	77	66 187	25 906,508	238 164,174	9,193	8,732
14	28	98 678	80 111,503	2 881 554,968	35,969	35,509	64	78	63 426	24 459,122	212 257,666	8,678	8,217
15	29	98 636	78 894,076	2 801 443,466	35,509	35,048	65	79	60 435	22 961,385	187 798,544	8,179	7,718
16	30	98 589	77 691,074	2 722 549,390	35,043	34,582	66	80	57 259	21 433,228	164 837,158	7,691	7,230
17	31	98 533	76 499,233	2 644 858,316	34,574	34,113	67	81	53 863	19 863,841	143 403,931	7,219	6,759
18	32	98 467	75 318,404	2 568 359,084	34,100	33,639	68	82	50 274	18 266,293	123 540,089	6,763	6,302
19	33	98 378	74 138,400	2 493 040,680	33,627	33,166	69	83	46 483	16 639,377	105 273,796	6,327	5,866
20	34	98 289	72 976,515	2 418 902,280	33,146	32,686	70	84	42 524	14 997,210	88 634,418	5,910	5,449
21	35	98 190	71 825,933	2 345 925,765	32,661	32,200	71	85	38 449	13 359,640	73 637,209	5,512	5,051
22	36	98 093	70 694,420	2 274 099,832	32,168	31,707	72	86	34 261	11 728,505	60 277,568	5,139	4,679
23	37	97 992	69 578,026	2 203 405,412	31,668	31,207	73	87	30 049	10 134,721	48 549,063	4,790	4,330
24	38	97 887	68 475,940	2 133 827,385	31,162	30,701	74	88	25 751	8 556,661	38 414,342	4,489	4,029
25	39	97 772	67 385,362	2 065 351,445	30,650	30,189	75	89	21 707	7 106,425	29 857,681	4,202	3,741
26	40	97 646	66 303,511	1 997 966,084	30,134	29,673	76	90	17 932	5 783,603	22 751,256	3,934	3,473
27	41	97 517	65 237,227	1 931 662,573	29,610	29,149	77	91	14 600	4 639,338	16 967,653	3,657	3,197
28	42	97 374	64 179,074	1 866 425,346	29,082	28,621	78	92	11 472	3 591,546	12 328,314	3,433	2,972
29	43	97 222	63 131,656	1 802 246,271	28,547	28,087	79	93	8 786	2 710,098	8 736,768	3,224	2,763
30	44	97 056	62 093,049	1 739 114,615	28,008	27,547	80	94	6 546	1 989,365	6 026,670	3,029	2,569
31	45	96 882	61 065,646	1 677 021,567	27,463	27,002	81	95	4 727	1 415,113	4 037,305	2,853	2,392
32	46	96 680	60 037,289	1 615 955,920	26,916	26,455	82	96	3 304	974,528	2 622,192	2,691	2,230
33	47	96 458	59 014,212	1 555 918,631	26,365	25,904	83	97	2 231	648,475	1 647,663	2,541	2,080
34	48	96 220	57 999,027	1 496 904,420	25,809	25,348	84	98	1 453	416,167	999,189	2,401	1,940
35	49	95 964	56 989,934	1 438 905,392	25,248	24,788	85	99	910	256,651	583,022	2,272	1,811
36	50	95 681	55 981,758	1 381 915,458	24,685	24,224	86	100	545	151,448	326,371	2,155	1,694
37	51	95 370	54 975,381	1 325 933,700	24,119	23,658							
38	52	95 039	53 974,667	1 270 958,320	23,547	23,087							
39	53	94 673	52 972,573	1 216 983,653	22,974	22,513							
40	54	94 275	51 970,035	1 164 011,080	22,398	21,937							
41	55	93 846	50 969,282	1 112 041,045	21,818	21,357							
42	56	93 370	49 961,065	1 061 071,763	21,238	20,777							
43	57	92 865	48 956,952	1 011 110,698	20,653	20,192							
44	58	92 304	47 942,051	962 153,746	20,069	19,608							
45	59	91 688	46 918,121	914 211,695	19,485	19,024							
46	60	91 030	45 892,977	867 293,575	18,898	18,437							
47	61	90 283	44 843,666	821 400,597	18,317	17,856							
48	62	89 492	43 793,875	776 556,931	17,732	17,271							
49	63	88 616	42 724,526	732 763,055	17,151	16,690							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	4 113 878,398	41,335	40,874	50	65	87 051	41 349,849	666 633,640	16,122	15,661
1	16	99 108	97 643,551	4 014 352,491	41,112	40,652	51	66	86 008	40 250,665	625 283,791	15,535	15,074
2	17	99 057	96 150,841	3 916 708,941	40,735	40,274	52	67	84 892	39 141,042	585 033,126	14,947	14,486
3	18	99 021	94 695,034	3 820 558,099	40,346	39,885	53	68	83 684	38 013,790	545 892,084	14,360	13,900
4	19	98 984	93 261,137	3 725 863,065	39,951	39,490	54	69	82 389	36 872,391	507 878,294	13,774	13,313
5	20	98 948	91 849,897	3 632 601,928	39,549	39,089	55	70	80 963	35 698,814	471 005,903	13,194	12,733
6	21	98 916	90 462,948	3 540 752,032	39,140	38,680	56	71	79 444	34 511,281	435 307,089	12,613	12,153
7	22	98 884	89 097,399	3 450 289,084	38,725	38,264	57	72	77 800	33 297,683	400 795,808	12,037	11,576
8	23	98 852	87 752,029	3 361 191,685	38,303	37,842	58	73	75 986	32 040,693	367 498,125	11,470	11,009
9	24	98 820	86 427,227	3 273 439,655	37,875	37,414	59	74	74 008	30 745,660	335 457,432	10,911	10,450
10	25	98 789	85 123,310	3 187 012,429	37,440	36,979	60	75	71 882	29 420,844	304 711,772	10,357	9,896
11	26	98 758	83 839,144	3 101 889,119	36,998	36,537	61	76	69 535	28 039,716	275 290,927	9,818	9,357
12	27	98 722	82 570,045	3 018 049,975	36,551	36,091	62	77	67 010	26 622,402	247 251,211	9,287	8,827
13	28	98 686	81 320,295	2 935 479,930	36,098	35,637	63	78	64 270	25 156,404	220 628,809	8,770	8,309
14	29	98 652	80 090,695	2 854 159,635	35,637	35,176	64	79	61 317	23 645,658	195 472,405	8,267	7,806
15	30	98 609	78 872,194	2 774 068,939	35,172	34,711	65	80	58 166	22 099,171	171 826,747	7,775	7,314
16	31	98 562	77 669,752	2 695 196,746	34,701	34,240	66	81	54 776	20 503,600	149 727,576	7,303	6,842
17	32	98 500	76 474,292	2 617 526,994	34,228	33,767	67	82	51 197	18 880,665	129 223,976	6,844	6,383
18	33	98 433	75 292,318	2 541 052,702	33,749	33,288	68	83	47 415	17 227,529	110 343,311	6,405	5,944
19	34	98 342	74 111,577	2 465 760,384	33,271	32,810	69	84	43 463	15 558,499	93 115,782	5,985	5,524
20	35	98 249	72 946,900	2 391 648,807	32,786	32,325	70	85	39 378	13 887,629	77 557,283	5,585	5,124
21	36	98 148	71 795,324	2 318 701,907	32,296	31,835	71	86	35 169	12 220,124	63 669,654	5,210	4,749
22	37	98 047	70 661,455	2 246 906,583	31,798	31,337	72	87	30 950	10 594,962	51 449,530	4,856	4,395
23	38	97 940	69 541,380	2 176 245,129	31,294	30,833	73	88	26 604	8 972,658	40 854,568	4,553	4,092
24	39	97 829	68 435,569	2 106 703,749	30,784	30,323	74	89	22 520	7 483,125	31 881,910	4,261	3,800
25	40	97 704	67 337,972	2 038 268,180	30,269	29,808	75	90	18 673	6 113,169	24 398,785	3,991	3,530
26	41	97 576	66 256,250	1 970 930,208	29,747	29,286	76	91	15 274	4 926,493	18 285,616	3,712	3,251
27	42	97 436	65 183,017	1 904 673,959	29,220	28,760	77	92	12 072	3 836,064	13 359,123	3,483	3,022
28	43	97 282	64 118,364	1 839 490,942	28,689	28,228	78	93	9 304	2 912,804	9 523,059	3,269	2,809
29	44	97 119	63 065,017	1 775 372,578	28,151	27,691	79	94	6 969	2 149,425	6 610,255	3,075	2,615
30	45	96 947	62 022,832	1 712 307,560	27,608	27,147	80	95	5 071	1 540,978	4 460,830	2,895	2,434
31	46	96 751	60 983,051	1 650 284,728	27,061	26,601	81	96	3 571	1 069,191	2 919,851	2,731	2,270
32	47	96 530	59 944,176	1 589 301,677	26,513	26,052	82	97	2 432	717,262	1 850,660	2,580	2,119
33	48	96 290	58 911,797	1 529 357,500	25,960	25,499	83	98	1 598	464,337	1 133,398	2,441	1,980
34	49	96 042	57 891,557	1 470 445,703	25,400	24,939	84	99	1 011	289,535	669,061	2,311	1,850
35	50	95 764	56 870,707	1 412 554,145	24,838	24,377	85	100	614	173,264	379,526	2,190	1,730
36	51	95 457	55 850,959	1 355 683,439	24,273	23,812							
37	52	95 132	54 838,449	1 299 832,480	23,703	23,242							
38	53	94 775	53 825,112	1 244 994,031	23,130	22,670							
39	54	94 385	52 811,579	1 191 168,919	22,555	22,094							
40	55	93 974	51 804,451	1 138 357,340	21,974	21,513							
41	56	93 508	50 785,919	1 086 552,889	21,395	20,934							
42	57	93 015	49 771,568	1 035 766,971	20,810	20,350							
43	58	92 482	48 754,942	985 995,403	20,223	19,763							
44	59	91 884	47 723,452	937 240,461	19,639	19,178							
45	60	91 250	46 693,929	889 517,009	19,050	18,589							
46	61	90 532	45 642,040	842 823,080	18,466	18,005							
47	62	89 770	44 588,709	797 181,040	17,879	17,418							
48	63	88 930	43 519,079	752 592,330	17,293	16,833							
49	64	88 025	42 439,612	709 073,252	16,708	16,247							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	4 085 195,186	41,052	40,591	50	66	86 377	41 029,700	642 561,129	15,661	15,200
1	17	99 092	97 627,853	3 985 682,771	40,825	40,364	51	67	85 301	39 919,814	601 531,429	15,068	14,608
2	18	99 040	96 133,963	3 888 054,918	40,444	39,983	52	68	84 126	38 788,005	561 611,615	14,479	14,018
3	19	98 999	94 674,349	3 791 920,955	40,052	39,591	53	69	82 864	37 641,440	522 823,610	13,890	13,429
4	20	98 963	93 241,081	3 697 246,606	39,653	39,192	54	70	81 485	36 467,987	485 182,170	13,304	12,844
5	21	98 928	91 830,518	3 604 005,525	39,246	38,785	55	71	79 996	35 272,277	448 714,183	12,721	12,261
6	22	98 895	90 443,395	3 512 175,008	38,833	38,372	56	72	78 384	34 050,797	413 441,907	12,142	11,681
7	23	98 862	89 076,925	3 421 731,613	38,413	37,952	57	73	76 596	32 782,396	379 391,109	11,573	11,112
8	24	98 830	87 732,070	3 332 654,688	37,987	37,526	58	74	74 669	31 485,254	346 608,713	11,009	10,548
9	25	98 798	86 407,577	3 244 922,618	37,554	37,093	59	75	72 578	30 151,529	315 123,459	10,451	9,991
10	26	98 767	85 104,341	3 158 515,041	37,113	36,653	60	76	70 280	28 765,314	284 971,929	9,907	9,446
11	27	98 732	83 816,746	3 073 410,701	36,668	36,207	61	77	67 772	27 328,975	256 206,616	9,375	8,914
12	28	98 697	82 548,731	2 989 593,955	36,216	35,755	62	78	65 070	25 851,570	228 877,641	8,854	8,393
13	29	98 661	81 299,173	2 907 045,223	35,757	35,297	63	79	62 133	24 319,750	203 026,071	8,348	7,887
14	30	98 625	80 068,481	2 825 746,050	35,292	34,831	64	80	59 014	22 757,749	178 706,322	7,853	7,392
15	31	98 581	78 850,548	2 745 677,569	34,821	34,360	65	81	55 643	21 140,659	155 948,573	7,377	6,916
16	32	98 530	77 644,430	2 666 827,021	34,347	33,886	66	82	52 065	19 488,759	134 807,914	6,917	6,456
17	33	98 466	76 447,806	2 589 182,591	33,869	33,408	67	83	48 285	17 806,963	115 319,156	6,476	6,015
18	34	98 397	75 265,078	2 512 734,786	33,385	32,924	68	84	44 335	16 108,445	97 512,193	6,053	5,593
19	35	98 303	74 081,501	2 437 469,708	32,903	32,442	69	85	40 248	14 407,390	81 403,748	5,650	5,189
20	36	98 207	72 915,813	2 363 388,207	32,413	31,952	70	86	36 019	12 703,078	66 996,358	5,274	4,813
21	37	98 103	71 761,844	2 290 472,394	31,918	31,457	71	87	31 770	11 039,067	54 293,280	4,918	4,457
22	38	97 996	70 624,237	2 218 710,550	31,416	30,955	72	88	27 401	9 380,127	43 254,213	4,611	4,150
23	39	97 883	69 500,380	2 148 086,312	30,908	30,447	73	89	23 266	7 846,930	33 874,086	4,317	3,856
24	40	97 760	68 387,441	2 078 585,932	30,394	29,933	74	90	19 372	6 437,218	26 027,156	4,043	3,582
25	41	97 634	67 289,974	2 010 198,492	29,874	29,413	75	91	15 906	5 207,218	19 589,938	3,762	3,301
26	42	97 495	66 201,192	1 942 908,518	29,349	28,888	76	92	12 630	4 073,499	14 382,720	3,531	3,070
27	43	97 343	65 121,357	1 876 707,325	28,819	28,358	77	93	9 790	3 111,112	10 309,220	3,314	2,853
28	44	97 179	64 050,684	1 811 585,968	28,284	27,823	78	94	7 379	2 310,195	7 198,108	3,116	2,655
29	45	97 009	62 993,702	1 747 535,284	27,741	27,281	79	95	5 398	1 664,962	4 887,914	2,936	2,475
30	46	96 816	61 938,943	1 684 541,582	27,197	26,736	80	96	3 831	1 164,289	3 222,951	2,768	2,307
31	47	96 601	60 888,471	1 622 602,639	26,649	26,188	81	97	2 628	786,935	2 058,663	2,616	2,155
32	48	96 362	59 840,148	1 561 714,168	26,098	25,637	82	98	1 741	513,592	1 271,728	2,476	2,015
33	49	96 112	58 802,636	1 501 874,020	25,541	25,080	83	99	1 112	323,048	758,136	2,347	1,886
34	50	95 841	57 770,444	1 443 071,383	24,979	24,519	84	100	683	195,464	435,087	2,226	1,765
35	51	95 540	56 737,831	1 385 300,939	24,416	23,955							
36	52	95 219	55 711,846	1 328 563,109	23,847	23,386							
37	53	94 869	54 686,500	1 272 851,263	23,275	22,815							
38	54	94 487	53 661,527	1 218 164,762	22,701	22,240							
39	55	94 085	52 643,314	1 164 503,235	22,121	21,660							
40	56	93 636	51 618,082	1 111 859,922	21,540	21,079							
41	57	93 154	50 593,293	1 060 241,839	20,956	20,495							
42	58	92 632	49 566,197	1 009 648,546	20,370	19,909							
43	59	92 061	48 532,637	960 082,349	19,782	19,321							
44	60	91 444	47 495,412	911 549,713	19,192	18,732							
45	61	90 751	46 438,612	864 054,300	18,606	18,146							
46	62	90 017	45 382,544	817 615,688	18,016	17,555							
47	63	89 206	44 308,925	772 233,144	17,428	16,968							
48	64	88 337	43 228,866	727 924,219	16,839	16,378							
49	65	87 392	42 134,224	684 695,353	16,250	15,790							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	4 055 494,660	40,760	40,299	50	67	85 667	40 692,446	617 860,117	15,184	14,723
1	18	99 075	97 610,716	3 955 998,243	40,528	40,068	51	68	84 532	39 559,752	577 167,671	14,590	14,129
2	19	99 018	96 112,964	3 858 387,528	40,144	39,684	52	69	83 302	38 408,071	537 607,919	13,997	13,536
3	20	98 978	94 653,989	3 762 274,564	39,748	39,287	53	70	81 955	37 228,601	499 199,848	13,409	12,948
4	21	98 942	93 221,408	3 667 620,575	39,343	38,882	54	71	80 511	36 032,260	461 971,247	12,821	12,360
5	22	98 906	91 810,669	3 574 399,167	38,932	38,471	55	72	78 928	34 801,639	425 938,987	12,239	11,778
6	23	98 872	90 422,611	3 482 588,498	38,515	38,054	56	73	77 171	33 523,856	391 137,349	11,667	11,207
7	24	98 839	89 056,664	3 392 165,887	38,090	37,629	57	74	75 268	32 214,100	357 613,492	11,101	10,640
8	25	98 807	87 712,124	3 303 109,223	37,659	37,198	58	75	73 226	30 876,831	325 399,392	10,539	10,078
9	26	98 776	86 388,322	3 215 397,100	37,220	36,759	59	76	70 961	29 479,718	294 522,561	9,991	9,530
10	27	98 741	85 081,604	3 129 008,778	36,777	36,316	60	77	68 499	28 036,180	265 042,843	9,454	8,993
11	28	98 706	83 795,110	3 043 927,174	36,326	35,865	61	78	65 810	26 537,684	237 006,663	8,931	8,470
12	29	98 671	82 527,291	2 960 132,064	35,869	35,408	62	79	62 906	24 991,795	210 468,980	8,422	7,961
13	30	98 633	81 276,624	2 877 604,773	35,405	34,944	63	80	59 800	23 406,527	185 477,184	7,924	7,463
14	31	98 598	80 046,507	2 796 328,149	34,934	34,473	64	81	56 454	21 770,673	162 070,657	7,444	6,984
15	32	98 549	78 824,841	2 716 281,642	34,460	33,999	65	82	52 889	20 094,286	140 299,984	6,982	6,521
16	33	98 496	77 617,538	2 637 456,801	33,980	33,519	66	83	49 104	18 380,475	120 205,698	6,540	6,079
17	34	98 431	76 420,147	2 559 839,263	33,497	33,036	67	84	45 149	16 650,239	101 825,223	6,116	5,655
18	35	98 357	75 234,534	2 483 419,116	33,009	32,548	68	85	41 055	14 916,648	85 174,984	5,710	5,249
19	36	98 261	74 049,931	2 408 184,582	32,521	32,060	69	86	36 815	13 178,506	70 258,336	5,331	4,870
20	37	98 161	72 881,811	2 334 134,651	32,026	31,566	70	87	32 538	11 475,343	57 079,830	4,974	4,513
21	38	98 051	71 724,048	2 261 252,840	31,527	31,066	71	88	28 127	9 773,310	45 604,486	4,666	4,205
22	39	97 938	70 582,599	2 189 528,793	31,021	30,560	72	89	23 963	8 203,277	35 831,176	4,368	3,907
23	40	97 814	69 451,503	2 118 946,193	30,510	30,049	73	90	20 014	6 750,175	27 627,899	4,093	3,632
24	41	97 690	68 338,695	2 049 494,690	29,990	29,529	74	91	16 502	5 483,244	20 877,724	3,808	3,347
25	42	97 553	67 234,057	1 981 155,996	29,467	29,006	75	92	13 152	4 305,618	15 394,480	3,575	3,115
26	43	97 403	66 138,570	1 913 921,938	28,938	28,477	76	93	10 243	3 303,676	11 088,862	3,357	2,896
27	44	97 241	65 052,618	1 847 783,369	28,404	27,944	77	94	7 765	2 467,476	7 785,185	3,155	2,694
28	45	97 069	63 978,254	1 782 730,750	27,865	27,404	78	95	5 716	1 789,496	5 317,710	2,972	2,511
29	46	96 878	62 908,499	1 718 752,496	27,321	26,861	79	96	4 078	1 257,965	3 528,214	2,805	2,344
30	47	96 665	61 842,880	1 655 843,997	26,775	26,314	80	97	2 820	856,928	2 270,249	2,649	2,188
31	48	96 434	60 782,805	1 594 001,116	26,225	25,764	81	98	1 882	563,481	1 413,321	2,508	2,047
32	49	96 183	59 729,267	1 533 218,312	25,669	25,209	82	99	1 211	357,316	849,840	2,378	1,918
33	50	95 911	58 679,617	1 473 489,045	25,111	24,650	83	100	750	218,089	492,524	2,258	1,798
34	51	95 617	57 635,466	1 414 809,428	24,548	24,087							
35	52	95 302	56 596,509	1 357 173,963	23,980	23,519							
36	53	94 955	55 557,478	1 300 577,454	23,410	22,949							
37	54	94 581	54 520,298	1 245 019,976	22,836	22,375							
38	55	94 186	53 490,553	1 190 499,678	22,256	21,795							
39	56	93 746	52 453,927	1 137 009,125	21,676	21,216							
40	57	93 281	51 422,301	1 084 555,197	21,091	20,630							
41	58	92 769	50 384,531	1 033 132,897	20,505	20,044							
42	59	92 209	49 340,192	982 748,366	19,918	19,457							
43	60	91 621	48 300,731	933 408,173	19,325	18,864							
44	61	90 944	47 235,713	885 107,443	18,738	18,277							
45	62	90 235	46 174,587	837 871,729	18,146	17,685							
46	63	89 453	45 097,778	791 697,142	17,555	17,094							
47	64	88 611	44 013,445	746 599,364	16,963	16,502							
48	65	87 702	42 917,799	702 585,919	16,371	15,910							
49	66	86 715	41 808,003	659 668,120	15,779	15,318							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	4 024 791,944	40,459	39,998	50	68	84 895	40 325,415	592 567,008	14,695	14,234
1	19	99 053	97 589,394	3 925 312,992	40,223	39,762	51	69	83 704	39 172,259	552 241,592	14,098	13,637
2	20	98 997	96 092,295	3 827 723,599	39,834	39,373	52	70	82 389	37 986,824	513 069,334	13,507	13,046
3	21	98 957	94 634,018	3 731 631,304	39,432	38,971	53	71	80 976	36 783,786	475 082,510	12,916	12,455
4	22	98 920	93 201,258	3 636 997,286	39,023	38,562	54	72	79 437	35 551,482	438 298,724	12,329	11,868
5	23	98 883	91 789,571	3 543 796,028	38,608	38,147	55	73	77 707	34 263,078	402 747,242	11,755	11,294
6	24	98 850	90 402,044	3 452 006,457	38,185	37,724	56	74	75 833	32 942,707	368 484,164	11,186	10,725
7	25	98 817	89 036,416	3 361 604,413	37,755	37,295	57	75	73 814	31 591,593	335 541,457	10,621	10,160
8	26	98 785	87 692,577	3 272 567,996	37,319	36,858	58	76	71 594	30 188,859	303 949,864	10,068	9,607
9	27	98 749	86 365,242	3 184 875,419	36,877	36,416	59	77	69 162	28 732,476	273 761,005	9,528	9,067
10	28	98 715	85 059,642	3 098 510,176	36,428	35,967	60	78	66 515	27 224,412	245 028,530	9,000	8,540
11	29	98 681	83 773,345	3 013 450,534	35,971	35,511	61	79	63 621	25 655,091	217 804,117	8,490	8,029
12	30	98 644	82 504,401	2 929 677,189	35,509	35,049	62	80	60 544	24 053,337	192 149,027	7,988	7,528
13	31	98 606	81 254,319	2 847 172,788	35,040	34,579	63	81	57 206	22 391,312	168 095,689	7,507	7,046
14	32	98 566	80 020,410	2 765 918,469	34,565	34,104	64	82	53 660	20 693,116	145 704,377	7,041	6,580
15	33	98 515	78 797,540	2 685 898,059	34,086	33,625	65	83	49 881	18 951,568	125 011,261	6,596	6,136
16	34	98 460	77 589,457	2 607 100,519	33,601	33,140	66	84	45 914	17 186,496	106 059,694	6,171	5,710
17	35	98 391	76 389,134	2 529 511,062	33,113	32,653	67	85	41 808	15 418,357	88 873,197	5,764	5,303
18	36	98 315	75 202,472	2 453 121,928	32,620	32,159	68	86	37 553	13 644,327	73 454,840	5,384	4,923
19	37	98 215	74 015,400	2 377 919,456	32,127	31,667	69	87	33 257	11 904,822	59 810,513	5,024	4,563
20	38	98 110	72 843,425	2 303 904,056	31,628	31,167	70	88	28 807	10 159,563	47 905,691	4,715	4,255
21	39	97 993	71 681,761	2 231 060,631	31,125	30,664	71	89	24 599	8 547,131	37 746,128	4,416	3,955
22	40	97 869	70 532,961	2 159 378,870	30,615	30,154	72	90	20 614	7 056,715	29 198,997	4,138	3,677
23	41	97 744	69 401,999	2 088 845,909	30,098	29,637	73	91	17 048	5 749,822	22 142,282	3,851	3,390
24	42	97 609	68 281,907	2 019 443,910	29,575	29,114	74	92	13 644	4 533,852	16 392,460	3,616	3,155
25	43	97 461	67 170,458	1 951 162,004	29,048	28,587	75	93	10 666	3 491,928	11 858,608	3,396	2,935
26	44	97 300	66 068,757	1 883 991,546	28,516	28,055	76	94	8 124	2 620,202	8 366,679	3,193	2,732
27	45	97 131	64 979,055	1 817 922,789	27,977	27,516	77	95	6 015	1 911,327	5 746,477	3,007	2,546
28	46	96 938	63 891,720	1 752 943,734	27,436	26,975	78	96	4 319	1 352,056	3 835,150	2,837	2,376
29	47	96 728	62 810,933	1 689 052,014	26,891	26,430	79	97	3 002	925,874	2 483,094	2,682	2,221
30	48	96 498	61 735,557	1 626 241,081	26,342	25,881	80	98	2 019	613,599	1 557,219	2,538	2,077
31	49	96 255	60 670,176	1 564 505,524	25,787	25,326	81	99	1 309	392,025	943,621	2,407	1,946
32	50	95 982	59 604,309	1 503 835,347	25,230	24,770	82	100	818	241,222	551,596	2,287	1,826
33	51	95 687	58 542,514	1 444 231,038	24,670	24,209							
34	52	95 379	57 491,908	1 385 688,524	24,102	23,642							
35	53	95 038	56 439,689	1 328 196,616	23,533	23,072							
36	54	94 667	55 388,628	1 271 756,927	22,961	22,500							
37	55	94 279	54 346,588	1 216 368,299	22,382	21,921							
38	56	93 847	53 298,119	1 162 021,711	21,802	21,342							
39	57	93 391	52 254,975	1 108 723,592	21,218	20,757							
40	58	92 896	51 210,118	1 056 468,616	20,630	20,169							
41	59	92 346	50 154,795	1 005 258,498	20,043	19,582							
42	60	91 769	49 104,428	955 103,703	19,450	18,990							
43	61	91 120	48 036,628	905 999,275	18,861	18,400							
44	62	90 427	46 967,156	857 962,647	18,267	17,806							
45	63	89 669	45 884,852	810 995,491	17,675	17,214							
46	64	88 856	44 797,038	765 110,639	17,079	16,619							
47	65	87 974	43 696,732	720 313,601	16,484	16,024							
48	66	87 023	42 585,511	676 616,869	15,888	15,428							
49	67	86 002	41 464,351	634 031,358	15,291	14,830							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	3 993 101,164	40,149	39,688	50	69	84 063	39 930,422	566 731,518	14,193	13,732
1	20	99 032	97 568,407	3 893 643,943	39,907	39,446	51	70	82 786	38 742,631	526 801,096	13,597	13,137
2	21	98 976	96 072,020	3 796 075,536	39,513	39,052	52	71	81 404	37 532,949	488 058,465	13,003	12,543
3	22	98 935	94 613,563	3 700 003,516	39,106	38,646	53	72	79 896	36 292,980	450 525,515	12,414	11,953
4	23	98 898	93 179,841	3 605 389,953	38,693	38,232	54	73	78 208	35 001,317	414 232,535	11,835	11,374
5	24	98 861	91 768,693	3 512 210,112	38,272	37,812	55	74	76 360	33 669,114	379 231,218	11,263	10,803
6	25	98 827	90 381,491	3 420 441,419	37,844	37,384	56	75	74 367	32 306,119	345 562,104	10,696	10,236
7	26	98 795	89 016,575	3 330 059,928	37,409	36,949	57	76	72 169	30 887,695	313 255,985	10,142	9,681
8	27	98 759	87 669,150	3 241 043,353	36,969	36,508	58	77	69 779	29 423,642	282 368,290	9,597	9,136
9	28	98 724	86 342,949	3 153 374,203	36,522	36,061	59	78	67 160	27 900,547	252 944,648	9,066	8,605
10	29	98 690	85 037,549	3 067 031,254	36,067	35,606	60	79	64 303	26 318,980	225 044,100	8,551	8,090
11	30	98 653	83 750,110	2 981 993,705	35,606	35,145	61	80	61 232	24 691,726	198 725,120	8,048	7,587
12	31	98 617	82 481,758	2 898 243,595	35,138	34,677	62	81	57 918	23 010,068	174 033,395	7,563	7,103
13	32	98 574	81 227,828	2 815 761,836	34,665	34,204	63	82	54 374	21 283,036	151 023,327	7,096	6,635
14	33	98 531	79 992,695	2 734 534,009	34,185	33,724	64	83	50 609	19 516,344	129 740,291	6,648	6,187
15	34	98 480	78 769,032	2 654 541,313	33,700	33,240	65	84	46 641	17 720,491	110 223,947	6,220	5,759
16	35	98 420	77 557,969	2 575 772,282	33,211	32,750	66	85	42 517	15 914,940	92 503,456	5,812	5,352
17	36	98 349	76 356,581	2 498 214,312	32,718	32,257	67	86	38 242	14 103,242	76 588,517	5,431	4,970
18	37	98 269	75 167,404	2 421 857,732	32,220	31,759	68	87	33 923	12 325,622	62 485,274	5,070	4,609
19	38	98 163	73 976,416	2 346 690,328	31,722	31,261	69	88	29 443	10 539,797	50 159,653	4,759	4,298
20	39	98 052	72 800,478	2 272 713,912	31,218	30,758	70	89	25 193	8 884,923	39 619,856	4,459	3,998
21	40	97 924	71 631,350	2 199 913,433	30,712	30,251	71	90	21 160	7 352,509	30 734,932	4,180	3,719
22	41	97 799	70 482,686	2 128 282,083	30,196	29,735	72	91	17 559	6 010,934	23 382,423	3,890	3,429
23	42	97 663	69 344,327	2 057 799,397	29,675	29,214	73	92	14 096	4 754,273	17 371,489	3,654	3,193
24	43	97 517	68 217,316	1 988 455,070	29,149	28,688	74	93	11 066	3 677,030	12 617,215	3,431	2,971
25	44	97 358	67 099,556	1 920 237,755	28,618	28,157	75	94	8 460	2 769,508	8 940,185	3,228	2,767
26	45	97 190	65 994,045	1 853 138,199	28,080	27,620	76	95	6 293	2 029,630	6 170,677	3,040	2,579
27	46	96 999	64 891,167	1 787 144,154	27,541	27,080	77	96	4 544	1 444,106	4 141,048	2,868	2,407
28	47	96 788	63 792,629	1 722 252,987	26,998	26,537	78	97	3 179	995,127	2 696,941	2,710	2,249
29	48	96 560	62 701,930	1 658 460,358	26,450	25,989	79	98	2 149	662,968	1 701,814	2,567	2,106
30	49	96 319	61 621,164	1 595 758,428	25,896	25,435	80	99	1 405	426,893	1 038,847	2,434	1,973
31	50	96 053	60 543,250	1 534 137,264	25,340	24,879	81	100	884	264,654	611,954	2,312	1,851
32	51	95 758	59 465,046	1 473 594,014	24,781	24,320							
33	52	95 448	58 396,697	1 414 128,968	24,216	23,755							
34	53	95 115	57 332,607	1 355 732,271	23,647	23,186							
35	54	94 749	56 268,158	1 298 399,664	23,075	22,614							
36	55	94 365	55 212,152	1 242 131,505	22,497	22,037							
37	56	93 940	54 151,074	1 186 919,354	21,919	21,458							
38	57	93 491	53 095,965	1 132 768,280	21,334	20,874							
39	58	93 005	52 039,357	1 079 672,314	20,747	20,286							
40	59	92 473	50 976,618	1 027 632,957	20,159	19,698							
41	60	91 905	49 915,138	976 656,339	19,566	19,106							
42	61	91 267	48 835,931	926 741,201	18,977	18,516							
43	62	90 602	47 763,517	877 905,271	18,380	17,919							
44	63	89 860	46 672,448	830 141,753	17,787	17,326							
45	64	89 071	45 578,863	783 469,306	17,189	16,729							
46	65	88 217	44 474,687	737 890,443	16,591	16,130							
47	66	87 293	43 358,413	693 415,756	15,993	15,532							
48	67	86 307	42 235,468	650 057,343	15,391	14,930							
49	68	85 227	41 090,358	607 821,875	14,792	14,332							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	3 960 439,026	39,829	39,368	50	70	83 141	39 492,479	540 401,833	13,684	13,223
1	21	99 011	97 547,821	3 861 003,194	39,581	39,120	51	71	81 797	38 279,726	500 909,354	13,086	12,625
2	22	98 954	96 051,254	3 763 455,373	39,182	38,721	52	72	80 318	37 032,147	462 629,628	12,493	12,032
3	23	98 913	94 591,821	3 667 404,118	38,771	38,310	53	73	78 659	35 731,341	425 597,481	11,911	11,450
4	24	98 875	93 158,647	3 572 812,297	38,352	37,891	54	74	76 852	34 394,555	389 866,140	11,335	10,874
5	25	98 838	91 747,829	3 479 653,650	37,926	37,465	55	75	74 884	33 018,490	355 471,584	10,766	10,305
6	26	98 805	90 361,350	3 387 905,821	37,493	37,032	56	76	72 711	31 586,301	322 453,095	10,209	9,748
7	27	98 768	88 992,794	3 297 544,471	37,054	36,593	57	77	70 340	30 104,764	290 866,794	9,662	9,201
8	28	98 733	87 646,520	3 208 551,677	36,608	36,147	58	78	67 759	28 571,701	260 762,030	9,127	8,666
9	29	98 698	86 320,523	3 120 905,158	36,155	35,694	59	79	64 926	26 972,628	232 190,328	8,608	8,148
10	30	98 662	85 013,963	3 034 584,635	35,695	35,234	60	80	61 888	25 330,686	205 217,700	8,102	7,641
11	31	98 626	83 727,126	2 949 570,672	35,228	34,768	61	81	58 576	23 620,767	179 887,015	7,616	7,155
12	32	98 585	82 454,867	2 865 843,546	34,757	34,296	62	82	55 051	21 871,166	156 266,248	7,145	6,684
13	33	98 540	81 199,695	2 783 388,679	34,278	33,818	63	83	51 282	20 072,716	134 395,082	6,695	6,235
14	34	98 496	79 963,755	2 702 188,984	33,793	33,332	64	84	47 321	18 248,580	114 322,365	6,265	5,804
15	35	98 440	78 737,066	2 622 225,230	33,304	32,843	65	85	43 190	16 409,426	96 073,786	5,855	5,394
16	36	98 378	77 524,918	2 543 488,164	32,809	32,348	66	86	38 891	14 557,468	79 664,359	5,472	5,012
17	37	98 303	76 320,974	2 465 963,246	32,310	31,850	67	87	34 546	12 740,184	65 106,891	5,110	4,650
18	38	98 218	75 127,813	2 389 642,272	31,808	31,347	68	88	30 034	10 912,347	52 366,707	4,799	4,338
19	39	98 105	73 932,802	2 314 514,458	31,306	30,845	69	89	25 749	9 217,452	41 454,360	4,497	4,037
20	40	97 983	72 749,281	2 240 581,657	30,799	30,338	70	90	21 672	7 643,089	32 236,908	4,218	3,757
21	41	97 854	71 580,292	2 167 832,376	30,285	29,825	71	91	18 025	6 262,892	24 593,819	3,927	3,466
22	42	97 718	70 424,116	2 096 252,084	29,766	29,305	72	92	14 519	4 970,176	18 330,927	3,688	3,227
23	43	97 571	69 278,731	2 025 827,968	29,242	28,781	73	93	11 432	3 855,795	13 360,751	3,465	3,004
24	44	97 414	68 145,309	1 956 549,237	28,711	28,251	74	94	8 777	2 916,315	9 504,956	3,259	2,798
25	45	97 248	67 023,678	1 888 403,928	28,175	27,714	75	95	6 553	2 145,284	6 588,641	3,071	2,610
26	46	97 059	65 904,784	1 821 380,250	27,637	27,176	76	96	4 754	1 533,490	4 443,357	2,898	2,437
27	47	96 849	64 790,526	1 755 475,466	27,095	26,634	77	97	3 345	1 062,876	2 909,867	2,738	2,277
28	48	96 620	63 681,922	1 690 684,940	26,549	26,088	78	98	2 276	712,555	1 846,990	2,592	2,131
29	49	96 381	62 585,746	1 627 003,018	25,996	25,536	79	99	1 495	461,239	1 134,435	2,460	1,999
30	50	96 117	61 492,248	1 564 417,272	25,441	24,980	80	100	948	288,193	673,196	2,336	1,875
31	51	95 829	60 401,793	1 502 925,024	24,882	24,421							
32	52	95 519	59 316,931	1 442 523,231	24,319	23,858							
33	53	95 184	58 234,889	1 383 206,300	23,752	23,291							
34	54	94 826	57 158,363	1 324 971,411	23,181	22,720							
35	55	94 447	56 088,880	1 267 813,048	22,604	22,143							
36	56	94 026	55 013,524	1 211 724,168	22,026	21,565							
37	57	93 584	53 945,685	1 156 710,644	21,442	20,981							
38	58	93 106	52 876,877	1 102 764,959	20,855	20,395							
39	59	92 581	51 802,076	1 049 888,083	20,267	19,807							
40	60	92 031	50 733,034	998 086,007	19,673	19,212							
41	61	91 403	49 642,208	947 352,973	19,084	18,623							
42	62	90 748	48 558,275	897 710,765	18,487	18,026							
43	63	90 033	47 463,812	849 152,489	17,891	17,430							
44	64	89 261	46 361,206	801 688,677	17,292	16,831							
45	65	88 430	45 250,886	755 327,471	16,692	16,231							
46	66	87 534	44 130,344	710 076,586	16,090	15,630							
47	67	86 575	43 002,018	665 946,241	15,486	15,026							
48	68	85 529	41 854,520	622 944,224	14,884	14,423							
49	69	84 392	40 687,872	581 089,704	14,282	13,821							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	3 926 817,155	39,499	39,039	50	71	82 148	39 020,614	513 641,527	13,163	12,703
1	22	98 990	97 526,736	3 827 402,302	39,245	38,784	51	72	80 706	37 768,959	474 620,913	12,566	12,106
2	23	98 932	96 029,182	3 729 875,566	38,841	38,380	52	73	79 075	36 459,070	436 851,953	11,982	11,521
3	24	98 890	94 570,306	3 633 846,383	38,425	37,964	53	74	77 296	35 111,924	400 392,884	11,403	10,943
4	25	98 853	93 137,467	3 539 276,078	38,001	37,540	54	75	75 367	33 729,913	365 280,960	10,830	10,369
5	26	98 816	91 727,384	3 446 138,611	37,569	37,109	55	76	73 216	32 282,799	331 551,047	10,270	9,809
6	27	98 779	90 337,209	3 354 411,227	37,132	36,671	56	77	70 867	30 785,662	299 268,248	9,721	9,260
7	28	98 743	88 969,822	3 264 074,018	36,687	36,227	57	78	68 303	29 233,102	268 482,586	9,184	8,723
8	29	98 708	87 623,755	3 175 104,196	36,236	35,775	58	79	65 505	27 621,461	239 249,484	8,662	8,201
9	30	98 671	86 296,581	3 087 480,441	35,778	35,317	59	80	62 488	25 959,789	211 628,024	8,152	7,691
10	31	98 635	84 990,632	3 001 183,860	35,312	34,851	60	81	59 204	24 232,013	185 668,235	7,662	7,201
11	32	98 594	83 699,828	2 916 193,228	34,841	34,380	61	82	55 677	22 451,638	161 436,222	7,190	6,730
12	33	98 550	82 426,310	2 832 493,400	34,364	33,903	62	83	51 921	20 627,401	138 984,584	6,738	6,277
13	34	98 504	81 170,317	2 750 067,091	33,880	33,419	63	84	47 951	18 768,811	118 357,183	6,306	5,845
14	35	98 456	79 931,304	2 668 896,773	33,390	32,929	64	85	43 820	16 898,444	99 588,372	5,893	5,433
15	36	98 398	78 703,511	2 588 965,469	32,895	32,434	65	86	39 506	15 009,777	82 689,928	5,509	5,048
16	37	98 332	77 488,766	2 510 261,958	32,395	31,934	66	87	35 132	13 150,510	67 680,151	5,147	4,686
17	38	98 251	76 280,776	2 432 773,192	31,892	31,432	67	88	30 585	11 279,375	54 529,641	4,834	4,374
18	39	98 160	75 083,520	2 356 492,415	31,385	30,924	68	89	26 266	9 543,262	43 250,266	4,532	4,071
19	40	98 036	73 880,808	2 281 408,895	30,880	30,419	69	90	22 150	7 929,141	33 707,005	4,251	3,790
20	41	97 913	72 697,425	2 207 528,087	30,366	29,905	70	91	18 460	6 510,409	25 777,864	3,959	3,499
21	42	97 773	71 520,810	2 134 830,662	29,849	29,388	71	92	14 904	5 178,509	19 267,455	3,721	3,260
22	43	97 626	70 357,499	2 063 309,852	29,326	28,865	72	93	11 775	4 030,896	14 088,946	3,495	3,034
23	44	97 468	69 205,604	1 992 952,353	28,798	28,337	73	94	9 067	3 058,097	10 058,050	3,289	2,828
24	45	97 304	68 068,249	1 923 746,749	28,262	27,801	74	95	6 798	2 259,002	6 999,953	3,099	2,638
25	46	97 116	66 933,024	1 855 678,500	27,724	27,264	75	96	4 951	1 620,873	4 740,952	2,925	2,464
26	47	96 908	65 802,571	1 788 745,476	27,184	26,723	76	97	3 499	1 128,664	3 120,079	2,764	2,304
27	48	96 681	64 678,088	1 722 942,905	26,639	26,178	77	98	2 395	761,067	1 991,415	2,617	2,156
28	49	96 441	63 563,922	1 658 264,817	26,088	25,627	78	99	1 583	495,739	1 230,348	2,482	2,021
29	50	96 179	62 454,812	1 594 700,895	25,534	25,073	79	100	1 010	311,381	734,610	2,359	1,898
30	51	95 893	61 348,574	1 532 246,083	24,976	24,515							
31	52	95 590	60 251,345	1 470 897,510	24,413	23,952							
32	53	95 255	59 152,573	1 410 646,165	23,848	23,387							
33	54	94 894	58 057,903	1 351 493,591	23,278	22,818							
34	55	94 523	56 976,248	1 293 435,689	22,701	22,241							
35	56	94 107	55 887,098	1 236 459,441	22,124	21,663							
36	57	93 669	54 804,864	1 180 572,343	21,541	21,081							
37	58	93 198	53 723,090	1 125 767,479	20,955	20,494							
38	59	92 681	52 635,777	1 072 044,389	20,367	19,906							
39	60	92 139	51 554,547	1 019 408,612	19,773	19,313							
40	61	91 527	50 455,632	967 854,065	19,182	18,721							
41	62	90 883	49 359,969	917 398,433	18,586	18,125							
42	63	90 179	48 253,583	868 038,464	17,989	17,528							
43	64	89 433	47 147,293	819 784,881	17,388	16,927							
44	65	88 618	46 027,600	772 637,588	16,786	16,326							
45	66	87 745	44 900,534	726 609,989	16,183	15,722							
46	67	86 814	43 767,603	681 709,455	15,576	15,115							
47	68	85 794	42 614,155	637 941,852	14,970	14,509							
48	69	84 691	41 444,549	595 327,696	14,364	13,904							
49	70	83 466	40 241,621	553 883,148	13,764	13,303							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	3 892 246,420	39,160	38,699	50	72	81 052	38 499,962	486 505,172	12,637	12,176
1	23	98 967	97 504,325	3 792 853,056	38,899	38,439	51	73	79 457	37 184,479	448 005,210	12,048	11,587
2	24	98 909	96 007,340	3 695 348,731	38,490	38,029	52	74	77 704	35 827,037	410 820,731	11,467	11,006
3	25	98 868	94 548,805	3 599 341,391	38,069	37,608	53	75	75 802	34 433,418	374 993,694	10,890	10,430
4	26	98 831	93 116,712	3 504 792,586	37,639	37,178	54	76	73 688	32 978,371	340 560,276	10,327	9,866
5	27	98 790	91 702,878	3 411 675,874	37,204	36,743	55	77	71 360	31 464,505	307 581,905	9,776	9,315
6	28	98 753	90 313,890	3 319 972,996	36,760	36,300	56	78	68 816	29 894,285	276 117,400	9,236	8,776
7	29	98 717	88 946,713	3 229 659,105	36,310	35,849	57	79	66 031	28 260,864	246 223,114	8,713	8,252
8	30	98 680	87 599,451	3 140 712,392	35,853	35,392	58	80	63 046	26 584,257	217 962,250	8,199	7,738
9	31	98 644	86 272,897	3 053 112,941	35,389	34,928	59	81	59 778	24 833,830	191 377,993	7,706	7,246
10	32	98 603	84 962,923	2 966 840,043	34,919	34,458	60	82	56 274	23 032,631	166 544,163	7,231	6,770
11	33	98 560	83 670,840	2 881 877,120	34,443	33,982	61	83	52 511	21 174,863	143 511,532	6,777	6,317
12	34	98 515	82 396,488	2 798 206,281	33,960	33,499	62	84	48 548	19 287,464	122 336,670	6,343	5,882
13	35	98 464	81 137,377	2 715 809,793	33,472	33,011	63	85	44 403	17 380,185	103 049,206	5,929	5,468
14	36	98 414	79 897,241	2 634 672,416	32,976	32,515	64	86	40 082	15 457,084	85 669,021	5,542	5,082
15	37	98 352	78 666,811	2 554 775,175	32,476	32,015	65	87	35 688	13 559,104	70 211,937	5,178	4,717
16	38	98 280	77 447,953	2 476 108,364	31,971	31,510	66	88	31 104	11 642,652	56 652,833	4,866	4,405
17	39	98 193	76 235,803	2 398 660,411	31,464	31,003	67	89	26 748	9 864,241	45 010,181	4,563	4,102
18	40	98 091	75 030,717	2 322 424,608	30,953	30,492	68	90	22 595	8 209,412	35 145,940	4,281	3,820
19	41	97 966	73 828,146	2 247 393,891	30,441	29,980	69	91	18 868	6 754,069	26 936,528	3,988	3,527
20	42	97 832	72 637,015	2 173 565,745	29,924	29,463	70	92	15 264	5 383,170	20 182,459	3,749	3,288
21	43	97 681	71 453,155	2 100 928,729	29,403	28,942	71	93	12 087	4 199,857	14 799,289	3,524	3,063
22	44	97 522	70 283,233	2 029 475,574	28,876	28,415	72	94	9 339	3 196,972	10 599,432	3,315	2,855
23	45	97 357	69 127,345	1 959 192,341	28,342	27,881	73	95	7 024	2 368,827	7 402,460	3,125	2,664
24	46	97 172	67 976,182	1 890 064,996	27,805	27,344	74	96	5 137	1 706,793	5 033,633	2,949	2,488
25	47	96 966	66 829,217	1 822 088,815	27,265	26,804	75	97	3 644	1 192,978	3 326,840	2,789	2,328
26	48	96 740	65 688,376	1 755 259,598	26,721	26,260	76	98	2 506	808,174	2 133,862	2,640	2,180
27	49	96 502	64 558,242	1 689 571,221	26,171	25,710	77	99	1 666	529,489	1 325,689	2,504	2,043
28	50	96 239	63 430,942	1 625 012,980	25,619	25,158	78	100	1 069	334,671	796,199	2,379	1,918
29	51	95 954	62 308,889	1 561 582,038	25,062	24,601							
30	52	95 654	61 195,767	1 499 273,149	24,500	24,039							
31	53	95 325	60 084,398	1 438 077,382	23,934	23,473							
32	54	94 965	58 972,798	1 377 992,984	23,367	22,906							
33	55	94 592	57 872,922	1 319 020,186	22,792	22,331							
34	56	94 183	56 771,274	1 261 147,264	22,215	21,754							
35	57	93 750	55 675,124	1 204 375,991	21,632	21,171							
36	58	93 283	54 578,724	1 148 700,867	21,047	20,586							
37	59	92 773	53 478,132	1 094 122,143	20,459	19,998							
38	60	92 238	52 384,265	1 040 644,011	19,866	19,405							
39	61	91 635	51 272,653	988 259,747	19,275	18,814							
40	62	91 007	50 168,768	936 987,093	18,677	18,216							
41	63	90 313	49 050,246	886 818,325	18,080	17,619							
42	64	89 577	47 931,797	837 768,079	17,478	17,018							
43	65	88 789	46 808,030	789 836,282	16,874	16,413							
44	66	87 932	45 671,234	743 028,252	16,269	15,808							
45	67	87 024	44 531,462	697 357,018	15,660	15,199							
46	68	86 031	43 372,836	652 825,556	15,051	14,591							
47	69	84 954	42 196,744	609 452,720	14,443	13,982							
48	70	83 762	40 989,999	567 255,977	13,839	13,378							
49	71	82 469	39 760,806	526 265,978	13,236	12,775							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	3 856 737,814	38,812	38,351	50	73	79 797	37 904,170	459 062,394	12,111	11,650
1	24	98 944	97 482,147	3 757 367,290	38,544	38,083	51	74	78 079	36 539,871	421 158,225	11,526	11,065
2	25	98 887	95 985,512	3 659 885,142	38,130	37,669	52	75	76 203	35 134,713	384 618,353	10,947	10,486
3	26	98 846	94 527,735	3 563 899,630	37,702	37,241	53	76	74 113	33 666,202	349 483,641	10,381	9,920
4	27	98 804	93 091,835	3 469 371,894	37,268	36,807	54	77	71 820	32 142,446	315 817,439	9,826	9,365
5	28	98 765	91 679,207	3 376 280,059	36,827	36,366	55	78	69 294	30 553,473	283 674,994	9,285	8,824
6	29	98 727	90 290,433	3 284 600,853	36,378	35,917	56	79	66 527	28 900,058	253 121,521	8,759	8,298
7	30	98 690	88 922,043	3 194 310,420	35,923	35,462	57	80	63 552	27 199,651	224 221,463	8,244	7,783
8	31	98 653	87 575,410	3 105 388,377	35,460	34,999	58	81	60 311	25 431,213	197 021,812	7,747	7,286
9	32	98 611	86 244,770	3 017 812,966	34,991	34,530	59	82	56 819	23 604,660	171 590,599	7,269	6,809
10	33	98 569	84 933,496	2 931 568,196	34,516	34,055	60	83	53 074	21 722,815	147 985,939	6,812	6,352
11	34	98 524	83 640,568	2 846 634,700	34,034	33,573	61	84	49 100	19 799,363	126 263,124	6,377	5,916
12	35	98 475	82 363,050	2 762 994,132	33,547	33,086	62	85	44 956	17 860,465	106 463,761	5,961	5,500
13	36	98 423	81 102,800	2 680 631,081	33,052	32,591	63	86	40 616	15 897,735	88 603,295	5,573	5,113
14	37	98 368	79 859,983	2 599 528,282	32,551	32,090	64	87	36 209	13 963,179	72 705,560	5,207	4,746
15	38	98 300	78 625,377	2 519 668,299	32,047	31,586	65	88	31 596	12 004,396	58 742,381	4,893	4,433
16	39	98 222	77 402,292	2 441 042,922	31,537	31,076	66	89	27 201	10 181,941	46 737,985	4,590	4,129
17	40	98 124	76 182,190	2 363 640,629	31,026	30,565	67	90	23 009	8 485,529	36 556,045	4,308	3,847
18	41	98 021	74 977,236	2 287 458,440	30,509	30,048	68	91	19 246	6 992,805	28 070,516	4,014	3,553
19	42	97 885	73 766,796	2 212 481,204	29,993	29,532	69	92	15 601	5 584,641	21 077,711	3,774	3,313
20	43	97 739	72 568,305	2 138 714,408	29,472	29,011	70	93	12 379	4 365,840	15 493,069	3,549	3,088
21	44	97 577	71 377,733	2 066 146,103	28,947	28,486	71	94	9 587	3 330,978	11 127,229	3,341	2,880
22	45	97 412	70 203,755	1 994 768,370	28,414	27,953	72	95	7 234	2 476,401	7 796,251	3,148	2,687
23	46	97 226	69 033,845	1 924 564,615	27,879	27,418	73	96	5 307	1 789,771	5 319,850	2,972	2,512
24	47	97 021	67 870,757	1 855 530,769	27,339	26,878	74	97	3 781	1 256,216	3 530,079	2,810	2,349
25	48	96 797	66 713,240	1 787 660,013	26,796	26,335	75	98	2 609	854,226	2 273,863	2,662	2,201
26	49	96 561	65 566,658	1 720 946,772	26,247	25,786	76	99	1 743	562,262	1 419,637	2,525	2,064
27	50	96 300	64 423,181	1 655 380,114	25,695	25,235	77	100	1 125	357,456	857,375	2,399	1,938
28	51	96 014	63 282,738	1 590 956,933	25,140	24,680							
29	52	95 715	62 153,691	1 527 674,195	24,579	24,118							
30	53	95 389	61 026,204	1 465 520,505	24,015	23,554							
31	54	95 036	59 901,791	1 404 494,301	23,447	22,986							
32	55	94 663	58 784,901	1 344 592,510	22,873	22,412							
33	56	94 252	57 664,722	1 285 807,609	22,298	21,837							
34	57	93 826	56 555,946	1 228 142,887	21,716	21,255							
35	58	93 363	55 445,393	1 171 586,941	21,130	20,670							
36	59	92 857	54 329,864	1 116 141,547	20,544	20,083							
37	60	92 329	53 222,595	1 061 811,684	19,950	19,490							
38	61	91 734	52 097,834	1 008 589,089	19,360	18,899							
39	62	91 114	50 981,144	956 491,255	18,762	18,301							
40	63	90 436	49 853,970	905 510,111	18,163	17,702							
41	64	89 710	48 723,148	855 656,141	17,562	17,101							
42	65	88 933	47 586,889	806 932,993	16,957	16,496							
43	66	88 102	46 445,622	759 346,104	16,349	15,888							
44	67	87 210	45 295,827	712 900,482	15,739	15,278							
45	68	86 239	44 129,805	667 604,655	15,128	14,667							
46	69	85 188	42 947,993	623 474,850	14,517	14,056							
47	70	84 022	41 733,944	580 526,858	13,910	13,449							
48	71	82 761	40 500,242	538 792,914	13,303	12,843							
49	72	81 369	39 230,277	498 292,672	12,702	12,241							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	3 820 302,376	38,454	37,993	50	74	78 414	37 247,086	431 409,847	11,582	11,122
1	25	98 922	97 459,984	3 720 954,454	38,179	37,719	51	75	76 570	35 833,772	394 162,761	11,000	10,539
2	26	98 865	95 964,123	3 623 494,470	37,759	37,298	52	76	74 505	34 351,870	358 328,989	10,431	9,970
3	27	98 819	94 502,482	3 527 530,347	37,327	36,867	53	77	72 234	32 812,842	323 977,119	9,873	9,413
4	28	98 779	93 067,805	3 433 027,866	36,887	36,427	54	78	69 740	31 211,784	291 164,278	9,329	8,868
5	29	98 739	91 655,394	3 339 960,061	36,440	35,980	55	79	66 989	29 537,322	259 952,493	8,801	8,340
6	30	98 700	90 265,390	3 248 304,666	35,986	35,525	56	80	64 029	27 814,842	230 415,171	8,284	7,823
7	31	98 663	88 897,629	3 158 039,276	35,524	35,064	57	81	60 795	26 019,915	202 600,329	7,786	7,326
8	32	98 621	87 546,859	3 069 141,637	35,057	34,596	58	82	57 326	24 172,475	176 580,413	7,305	6,844
9	33	98 577	86 214,900	2 981 594,779	34,583	34,122	59	83	53 588	22 262,314	152 407,938	6,846	6,385
10	34	98 533	84 902,768	2 895 379,879	34,102	33,642	60	84	49 626	20 311,721	130 145,623	6,407	5,947
11	35	98 484	83 606,625	2 810 477,110	33,615	33,155	61	85	45 467	18 334,491	109 833,903	5,991	5,530
12	36	98 433	82 327,951	2 726 870,485	33,122	32,661	62	86	41 121	16 337,049	91 499,411	5,601	5,140
13	37	98 377	81 064,980	2 644 542,535	32,623	32,162	63	87	36 990	14 361,242	75 162,362	5,234	4,773
14	38	98 316	79 817,921	2 563 477,555	32,117	31,656	64	88	32 057	12 362,139	60 801,121	4,918	4,458
15	39	98 242	78 579,022	2 483 659,633	31,607	31,146	65	89	27 632	10 498,300	48 438,981	4,614	4,153
16	40	98 153	77 347,858	2 405 080,612	31,094	30,634	66	90	23 399	8 758,824	37 940,682	4,332	3,871
17	41	98 054	76 127,888	2 327 732,753	30,577	30,116	67	91	19 599	7 228,002	29 181,858	4,037	3,577
18	42	97 939	74 914,931	2 251 604,866	30,055	29,595	68	92	15 914	5 782,041	21 953,855	3,797	3,336
19	43	97 792	73 697,017	2 176 689,935	29,536	29,075	69	93	12 653	4 529,237	16 171,814	3,571	3,110
20	44	97 636	72 491,705	2 102 992,918	29,010	28,549	70	94	9 818	3 462,623	11 642,577	3,362	2,902
21	45	97 467	71 297,017	2 030 501,213	28,479	28,019	71	95	7 426	2 580,203	8 179,954	3,170	2,709
22	46	97 280	70 108,800	1 959 204,195	27,945	27,484	72	96	5 466	1 871,049	5 599,751	2,993	2,532
23	47	97 075	68 926,780	1 889 095,395	27,407	26,946	73	97	3 906	1 317,289	3 728,702	2,831	2,370
24	48	96 853	67 752,973	1 820 168,615	26,865	26,404	74	98	2 707	899,507	2 411,413	2,681	2,220
25	49	96 618	66 589,623	1 752 415,643	26,317	25,856	75	99	1 815	594,301	1 511,906	2,544	2,083
26	50	96 359	65 429,488	1 685 826,019	25,766	25,305	76	100	1 177	379,581	917,605	2,417	1,957
27	51	96 075	64 272,659	1 620 396,531	25,211	24,750							
28	52	95 775	63 125,114	1 556 123,873	24,651	24,191							
29	53	95 450	61 981,473	1 492 998,759	24,088	23,627							
30	54	95 099	60 840,734	1 431 017,286	23,521	23,060							
31	55	94 733	59 710,935	1 370 176,552	22,947	22,486							
32	56	94 322	58 573,421	1 310 465,617	22,373	21,912							
33	57	93 894	57 446,006	1 251 892,197	21,793	21,332							
34	58	93 439	56 322,581	1 194 446,191	21,207	20,746							
35	59	92 938	55 192,582	1 138 123,610	20,621	20,160							
36	60	92 414	54 070,257	1 082 931,028	20,028	19,567							
37	61	91 824	52 931,580	1 028 860,772	19,438	18,977							
38	62	91 212	51 801,633	975 929,192	18,840	18,379							
39	63	90 542	50 661,249	924 127,559	18,241	17,781							
40	64	89 833	49 521,512	873 466,310	17,638	17,177							
41	65	89 065	48 372,545	823 944,798	17,033	16,573							
42	66	88 244	47 218,451	775 572,252	16,425	15,964							
43	67	87 378	46 063,850	728 353,802	15,812	15,351							
44	68	86 423	44 887,276	682 289,952	15,200	14,739							
45	69	85 394	43 697,547	637 402,676	14,587	14,126							
46	70	84 254	42 476,954	593 705,129	13,977	13,516							
47	71	83 018	41 235,298	551 228,175	13,368	12,907							
48	72	81 657	39 959,847	509 992,877	12,763	12,302							
49	73	80 110	38 623,183	470 033,030	12,170	11,709							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	3 782 948,702	38,086	37,626	50	75	76 899	36 527,320	403 630,718	11,050	10,589
1	26	98 900	97 438,266	3 683 623,367	37,805	37,344	51	76	74 864	35 035,354	367 103,398	10,478	10,017
2	27	98 838	95 938,485	3 586 185,101	37,380	36,919	52	77	72 616	33 481,130	332 068,044	9,918	9,457
3	28	98 794	94 478,087	3 490 246,616	36,942	36,482	53	78	70 143	31 862,769	298 586,914	9,371	8,910
4	29	98 753	93 043,632	3 395 768,528	36,497	36,036	54	79	67 421	30 173,739	266 724,144	8,840	8,379
5	30	98 712	91 629,973	3 302 724,896	36,044	35,583	55	80	64 474	28 428,177	236 550,405	8,321	7,860
6	31	98 673	90 240,617	3 211 094,923	35,584	35,123	56	81	61 252	26 608,424	208 122,228	7,822	7,361
7	32	98 630	88 868,656	3 120 854,306	35,118	34,657	57	82	57 786	24 732,039	181 513,804	7,339	6,878
8	33	98 587	87 516,537	3 031 985,650	34,645	34,184	58	83	54 066	22 797,840	156 781,765	6,877	6,416
9	34	98 542	86 183,708	2 944 469,112	34,165	33,704	59	84	50 107	20 816,175	133 983,925	6,437	5,976
10	35	98 493	84 868,313	2 858 285,404	33,679	33,218	60	85	45 954	18 808,942	113 167,750	6,017	5,556
11	36	98 442	83 570,996	2 773 417,091	33,186	32,726	61	86	41 589	16 770,643	94 358,809	5,626	5,166
12	37	98 387	82 289,560	2 689 846,096	32,688	32,227	62	87	37 147	14 758,097	77 588,166	5,257	4,797
13	38	98 325	81 022,283	2 607 556,536	32,183	31,722	63	88	32 483	12 714,560	62 830,069	4,942	4,481
14	39	98 258	79 770,863	2 526 534,252	31,672	31,212	64	89	28 035	10 811,160	50 115,509	4,636	4,175
15	40	98 173	78 523,760	2 446 763,390	31,160	30,699	65	90	23 770	9 030,966	39 304,349	4,352	3,891
16	41	98 083	77 292,725	2 368 239,629	30,640	30,179	66	91	19 932	7 460,796	30 273,384	4,058	3,597
17	42	97 973	76 064,627	2 290 946,904	30,118	29,658	67	92	16 206	5 976,516	22 812,588	3,817	3,356
18	43	97 847	74 844,066	2 214 882,277	29,593	29,132	68	93	12 906	4 689,332	16 836,072	3,590	3,129
19	44	97 689	73 619,226	2 140 038,212	29,069	28,608	69	94	10 035	3 592,215	12 146,740	3,381	2,921
20	45	97 525	72 409,730	2 066 418,985	28,538	28,077	70	95	7 605	2 682,176	8 554,524	3,189	2,729
21	46	97 335	71 200,584	1 994 009,255	28,006	27,545	71	96	5 611	1 949,477	5 872,349	3,012	2,551
22	47	97 130	70 000,067	1 922 808,672	27,469	27,008	72	97	4 023	1 377,110	3 922,872	2,849	2,388
23	48	96 906	68 807,163	1 852 808,605	26,928	26,467	73	98	2 797	943,238	2 545,762	2,699	2,238
24	49	96 674	67 627,429	1 784 001,442	26,380	25,919	74	99	1 883	625,804	1 602,524	2,561	2,100
25	50	96 416	66 450,313	1 716 374,013	25,829	25,369	75	100	1 226	401,210	976,719	2,434	1,974
26	51	96 133	65 276,615	1 649 923,700	25,276	24,815							
27	52	95 835	64 112,569	1 584 647,085	24,717	24,256							
28	53	95 509	62 950,205	1 520 534,516	24,155	23,694							
29	54	95 160	61 793,100	1 457 584,311	23,588	23,127							
30	55	94 796	60 646,886	1 395 791,212	23,015	22,554							
31	56	94 392	59 496,122	1 335 144,325	22,441	21,980							
32	57	93 964	58 351,258	1 275 648,203	21,862	21,401							
33	58	93 507	57 208,968	1 217 296,945	21,278	20,817							
34	59	93 013	56 065,770	1 160 087,977	20,692	20,231							
35	60	92 494	54 928,852	1 104 022,208	20,099	19,638							
36	61	91 908	53 774,607	1 049 093,355	19,509	19,048							
37	62	91 302	52 630,639	995 318,748	18,911	18,451							
38	63	90 640	51 476,589	942 688,109	18,313	17,852							
39	64	89 939	50 323,407	891 211,520	17,710	17,249							
40	65	89 187	49 165,164	840 888,112	17,103	16,643							
41	66	88 375	47 998,024	791 722,948	16,495	16,034							
42	67	87 519	46 830,326	743 724,924	15,881	15,420							
43	68	86 589	45 648,371	696 894,597	15,267	14,806							
44	69	85 576	44 447,598	651 246,226	14,652	14,191							
45	70	84 458	43 218,287	606 798,628	14,040	13,580							
46	71	83 247	41 969,430	563 580,341	13,428	12,968							
47	72	81 910	40 685,096	521 610,911	12,821	12,360							
48	73	80 393	39 341,463	480 925,815	12,224	11,764							
49	74	78 721	37 953,635	441 584,352	11,635	11,174							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	44 269,528	944 073,014	21,326	20,865
1	0	99 594	98 121,979	4 330 414,188	44,133	43,672	51	50	92 606	43 338,121	899 803,486	20,762	20,302
2	1	99 240	96 328,289	4 232 292,209	43,936	43,475	52	51	91 946	42 393,381	856 465,365	20,203	19,742
3	2	99 192	94 859,472	4 135 963,920	43,601	43,140	53	52	91 234	41 443,718	814 071,984	19,643	19,182
4	3	99 162	93 428,432	4 041 104,448	43,253	42,793	54	53	90 460	40 484,498	772 628,266	19,085	18,624
5	4	99 133	92 021,256	3 947 676,016	42,900	42,439	55	54	89 607	39 510,164	732 143,768	18,531	18,070
6	5	99 110	90 639,982	3 855 654,760	42,538	42,077	56	55	88 705	38 534,567	692 633,604	17,974	17,514
7	6	99 090	89 282,983	3 765 014,779	42,169	41,709	57	56	87 728	37 546,720	654 099,037	17,421	16,960
8	7	99 073	87 947,971	3 675 731,796	41,794	41,334	58	57	86 699	36 558,035	616 552,317	16,865	16,404
9	8	99 055	86 632,679	3 587 783,825	41,414	40,953	59	58	85 578	35 551,975	579 994,282	16,314	15,853
10	9	99 040	85 339,765	3 501 151,146	41,026	40,565	60	59	84 370	34 532,242	544 442,307	15,766	15,305
11	10	99 025	84 065,731	3 415 811,382	40,633	40,172	61	60	83 076	33 500,330	509 910,065	15,221	14,760
12	11	99 008	82 808,655	3 331 745,651	40,234	39,773	62	61	81 693	32 455,761	476 409,735	14,679	14,218
13	12	98 989	81 569,872	3 248 936,995	39,830	39,369	63	62	80 230	31 403,440	443 953,974	14,137	13,676
14	13	98 973	80 351,210	3 167 367,123	39,419	38,958	64	63	78 680	30 341,416	412 550,534	13,597	13,136
15	14	98 947	79 142,912	3 087 015,913	39,006	38,545	65	64	77 032	29 266,897	382 209,117	13,059	12,599
16	15	98 915	77 948,088	3 007 873,000	38,588	38,127	66	65	75 285	28 180,707	352 942,220	12,524	12,063
17	16	98 872	76 762,966	2 929 924,913	38,168	37,708	67	66	73 457	27 090,225	324 761,513	11,988	11,527
18	17	98 823	75 590,561	2 853 161,947	37,745	37,284	68	67	71 540	25 993,096	297 671,488	11,452	11,091
19	18	98 750	74 419,006	2 777 571,386	37,323	36,863	69	68	69 501	24 879,241	271 678,392	10,920	10,459
20	19	98 675	73 263,229	2 703 152,379	36,896	36,436	70	69	67 333	23 746,793	246 799,151	10,393	9,932
21	20	98 595	72 121,887	2 629 889,150	36,465	36,004	71	70	65 024	22 593,427	223 052,358	9,872	9,412
22	21	98 518	71 000,993	2 557 767,263	36,024	35,564	72	71	62 587	21 425,397	200 458,930	9,356	8,895
23	22	98 442	69 897,247	2 486 766,270	35,577	35,117	73	72	59 955	20 221,226	179 033,533	8,854	8,393
24	23	98 365	68 810,540	2 416 869,023	35,124	34,663	74	73	57 135	18 985,296	158 812,308	8,365	7,904
25	24	98 286	67 739,167	2 348 058,483	34,663	34,202	75	74	54 118	17 717,027	139 827,012	7,892	7,431
26	25	98 205	66 683,378	2 280 319,316	34,196	33,735	76	75	50 964	16 437,981	122 109,985	7,429	6,968
27	26	98 123	65 643,155	2 213 635,937	33,722	33,261	77	76	47 628	15 134,937	105 672,003	6,982	6,521
28	27	98 035	64 614,859	2 147 992,782	33,243	32,782	78	77	44 114	13 811,027	90 537,066	6,555	6,095
29	28	97 949	63 604,088	2 083 377,923	32,755	32,295	79	78	40 454	12 477,840	76 726,038	6,149	5,688
30	29	97 861	62 607,545	2 019 773,836	32,261	31,800	80	79	36 739	11 164,573	64 248,198	5,755	5,294
31	30	97 768	61 624,238	1 957 166,290	31,760	31,299	81	80	32 958	9 867,669	53 083,625	5,380	4,919
32	31	97 669	60 651,882	1 895 542,052	31,253	30,792	82	81	29 168	8 603,919	43 215,956	5,023	4,562
33	32	97 564	59 691,471	1 834 890,170	30,740	30,279	83	82	25 442	7 393,761	34 612,037	4,681	4,220
34	33	97 460	58 746,268	1 775 198,699	30,218	29,757	84	83	21 828	6 249,886	27 218,276	4,355	3,894
35	34	97 346	57 810,410	1 716 452,431	29,691	29,230	85	84	18 364	5 180,170	20 968,390	4,048	3,587
36	35	97 222	56 883,678	1 658 642,021	29,158	28,698	86	85	15 087	4 192,935	15 788,220	3,765	3,305
37	36	97 092	55 968,049	1 601 758,343	28,619	28,158	87	86	12 066	3 303,907	11 595,285	3,510	3,049
38	37	96 951	55 060,786	1 545 790,294	28,074	27,613	88	87	9 354	2 523,284	8 291,377	3,286	2,825
39	38	96 796	54 160,134	1 490 729,508	27,524	27,064	89	88	7 032	1 868,951	5 768,093	3,086	2,625
40	39	96 625	53 265,679	1 436 569,373	26,970	26,509	90	89	5 139	1 345,680	3 899,142	2,898	2,437
41	40	96 425	52 370,097	1 383 303,694	26,414	25,953	91	90	3 670	946,807	2 553,461	2,697	2,236
42	41	96 213	51 482,791	1 330 933,597	25,852	25,391	92	91	2 519	640,262	1 606,654	2,509	2,049
43	42	95 978	50 598,086	1 279 450,806	25,287	24,826	93	92	1 630	408,272	966,392	2,367	1,906
44	43	95 703	49 707,399	1 228 852,719	24,722	24,261	94	93	1 013	249,823	558,120	2,234	1,773
45	44	95 399	48 817,006	1 179 145,320	24,154	23,694	95	94	600	145,838	308,297	2,114	1,653
46	45	95 061	47 925,380	1 130 328,314	23,585	23,124	96	95	338	81,006	162,459	2,006	1,545
47	46	94 671	47 023,378	1 082 402,935	23,018	22,558	97	96	181	42,700	81,453	1,908	1,447
48	47	94 232	46 113,514	1 035 379,557	22,453	21,992	98	97	92	21,304	38,753	1,819	1,358
49	48	93 736	45 193,028	989 266,043	21,890	21,429	99	98	44	10,033	17,449	1,739	1,278
							100	99	20	4,449	7,416	1,667	1,206

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	44 351,710	954 307,119	21,517	21,056
1							51	49	92 800	43 428,978	909 955,409	20,953	20,492
2	0	99 558	96 637,492	4 243 889,138	43,916	43,455	52	50	92 161	42 492,664	866 526,431	20,392	19,932
3	1	99 221	94 886,451	4 147 251,646	43,708	43,247	53	51	91 462	41 547,203	824 033,768	19,834	19,373
4	2	99 178	93 443,496	4 052 365,195	43,367	42,906	54	52	90 711	40 596,985	782 486,565	19,274	18,814
5	3	99 147	92 034,453	3 958 921,699	43,016	42,555	55	53	89 880	39 630,609	741 889,579	18,720	18,259
6	4	99 122	90 650,846	3 866 887,246	42,657	42,196	56	54	88 989	38 657,737	702 258,971	18,166	17,705
7	5	99 099	89 291,060	3 776 236,400	42,291	41,831	57	55	88 044	37 682,283	663 601,234	17,610	17,150
8	6	99 081	87 955,023	3 686 945,340	41,919	41,458	58	56	87 029	36 697,223	625 918,951	17,056	16,596
9	7	99 063	86 639,917	3 598 990,317	41,540	41,079	59	57	85 932	35 699,281	589 221,727	16,505	16,044
10	8	99 046	85 345,066	3 512 350,400	41,155	40,694	60	58	84 756	34 690,418	553 522,447	15,956	15,495
11	9	99 031	84 071,068	3 427 005,335	40,763	40,302	61	59	83 475	33 661,175	518 832,029	15,413	14,953
12	10	99 016	82 815,327	3 342 934,267	40,366	39,905	62	60	82 142	32 634,201	485 170,854	14,867	14,406
13	11	98 997	81 576,351	3 260 118,940	39,964	39,503	63	61	80 689	31 583,005	452 536,653	14,328	13,868
14	12	98 981	80 357,370	3 178 542,589	39,555	39,094	64	62	79 176	30 533,004	420 953,649	13,787	13,326
15	13	98 957	79 150,699	3 098 185,219	39,143	38,682	65	63	77 549	29 463,378	390 420,644	13,251	12,790
16	14	98 927	77 957,739	3 019 034,520	38,727	38,266	66	64	75 831	28 384,960	360 957,267	12,716	12,256
17	15	98 886	76 773,374	2 941 076,781	38,309	37,848	67	65	74 030	27 301,405	332 572,307	12,182	11,721
18	16	98 839	75 602,715	2 864 303,408	37,886	37,425	68	66	72 133	26 208,524	305 270,902	11,648	11,187
19	17	98 768	74 432,072	2 788 700,693	37,466	37,006	69	67	70 134	25 105,685	279 062,379	11,116	10,655
20	18	98 697	73 279,236	2 714 268,621	37,040	36,579	70	68	67 999	23 981,697	253 956,693	10,590	10,129
21	19	98 616	72 137,401	2 640 989,385	36,611	36,150	71	69	65 745	22 843,972	229 974,996	10,067	9,606
22	20	98 539	71 015,977	2 568 851,984	36,173	35,712	72	70	63 344	21 684,487	207 131,024	9,552	9,091
23	21	98 463	69 912,359	2 497 836,008	35,728	35,267	73	71	60 766	20 494,686	185 446,536	9,049	8,588
24	22	98 387	68 826,356	2 427 923,649	35,276	34,815	74	72	58 033	19 283,715	164 951,850	8,554	8,093
25	23	98 308	67 754,578	2 359 097,293	34,818	34,357	75	73	55 073	18 029,577	145 668,136	8,079	7,619
26	24	98 228	66 698,542	2 291 342,715	34,354	33,893	76	74	51 969	16 761,889	127 638,559	7,615	7,154
27	25	98 145	65 657,787	2 224 644,172	33,882	33,422	77	75	48 714	15 479,846	110 876,669	7,163	6,702
28	26	98 061	64 632,126	2 158 986,386	33,404	32,943	78	76	45 261	14 170,209	95 396,823	6,732	6,271
29	27	97 974	63 620,510	2 094 354,260	32,919	32,459	79	77	41 660	12 849,900	81 226,614	6,321	5,860
30	28	97 886	62 623,811	2 030 733,750	32,428	31,967	80	78	38 003	11 548,660	68 376,714	5,921	5,460
31	29	97 796	61 641,335	1 968 109,939	31,928	31,468	81	79	34 244	10 252,663	56 828,054	5,543	5,082
32	30	97 696	60 668,532	1 906 468,604	31,424	30,964	82	80	30 491	8 994,018	46 575,391	5,178	4,718
33	31	97 596	59 710,938	1 845 800,072	30,912	30,451	83	81	26 767	7 778,777	37 581,373	4,831	4,370
34	32	97 494	58 766,621	1 786 089,133	30,393	29,932	84	82	23 144	6 626,734	29 802,595	4,497	4,037
35	33	97 381	57 831,333	1 727 322,512	29,868	29,407	85	83	19 639	5 540,046	23 175,861	4,183	3,723
36	34	97 262	56 906,772	1 669 491,180	29,337	28,877	86	84	16 292	4 527,938	17 635,814	3,895	3,434
37	35	97 133	55 991,910	1 612 584,407	28,800	28,340	87	85	13 191	3 611,994	13 107,876	3,629	3,168
38	36	96 996	55 086,474	1 556 592,497	28,257	27,796	88	86	10 354	2 793,248	9 495,882	3,400	2,939
39	37	96 847	54 188,676	1 501 506,023	27,709	27,248	89	87	7 943	2 111,002	6 702,634	3,175	2,714
40	38	96 682	53 297,101	1 447 317,348	27,156	26,695	90	88	5 876	1 538,733	4 591,632	2,984	2,523
41	39	96 493	52 406,953	1 394 020,246	26,600	26,139	91	89	4 266	1 100,643	3 052,899	2,774	2,313
42	40	96 282	51 519,514	1 341 613,293	26,041	25,580	92	90	2 957	751,655	1 952,257	2,597	2,136
43	41	96 058	50 640,167	1 290 093,779	25,476	25,015	93	91	1 972	493,765	1 200,602	2,432	1,971
44	42	95 794	49 754,464	1 239 453,612	24,911	24,451	94	92	1 249	308,037	706,837	2,295	1,834
45	43	95 500	48 868,589	1 189 699,147	24,345	23,884	95	93	756	183,879	398,801	2,169	1,708
46	44	95 169	47 979,636	1 140 830,559	23,777	23,317	96	94	437	104,577	214,921	2,055	1,594
47	45	94 799	47 087,066	1 092 850,922	23,209	22,748	97	95	240	56,515	110,345	1,952	1,492
48	46	94 378	46 185,144	1 045 763,856	22,643	22,182	98	96	125	28,945	53,829	1,860	1,399
49	47	93 899	45 271,593	999 578,713	22,080	21,619	99	97	61	14,012	24,885	1,776	1,315
							100	98	28	6,395	10,872	1,700	1,239

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	44 428,813	963 798,436	21,693	21,232
1							51	48	92 972	43 509,599	919 369,624	21,130	20,669
2							52	49	92 354	42 581,748	875 860,024	20,569	20,108
3	0	99 539	95 191,026	4 158 006,823	43,681	43,220	53	50	91 676	41 644,504	833 278,276	20,009	19,549
4	1	99 206	93 470,073	4 062 815,797	43,466	43,006	54	51	90 938	40 698,356	791 633,773	19,451	18,990
5	2	99 163	92 049,292	3 969 345,724	43,122	42,661	55	52	90 130	39 740,724	750 935,416	18,896	18,435
6	3	99 136	90 663,846	3 877 296,432	42,766	42,305	56	53	89 260	38 775,583	711 194,693	18,341	17,881
7	4	99 111	89 301,763	3 786 632,586	42,403	41,942	57	54	88 326	37 802,729	672 419,110	17,788	17,327
8	5	99 090	87 962,980	3 697 330,823	42,033	41,572	58	55	87 343	36 829,720	634 616,381	17,231	16,770
9	6	99 071	86 646,864	3 609 367,843	41,656	41,195	59	56	86 259	35 835,200	597 786,662	16,682	16,221
10	7	99 055	85 352,196	3 522 720,979	41,273	40,812	60	57	85 107	34 834,153	561 951,462	16,132	15,671
11	8	99 038	84 076,290	3 437 368,783	40,884	40,423	61	58	83 858	33 815,361	527 117,309	15,588	15,127
12	9	99 022	82 820,585	3 353 292,493	40,489	40,028	62	59	82 537	32 790,888	493 301,948	15,044	14,583
13	10	99 005	81 582,923	3 270 471,908	40,088	39,627	63	60	81 133	31 756,646	460 511,061	14,501	14,040
14	11	98 989	80 363,753	3 188 888,985	39,681	39,220	64	61	79 629	30 707,591	428 754,415	13,962	13,502
15	12	98 964	79 156,766	3 108 525,232	39,270	38,810	65	62	78 039	29 649,421	398 046,823	13,425	12,964
16	13	98 937	77 965,408	3 029 368,466	38,855	38,394	66	63	76 340	28 575,519	368 397,402	12,892	12,431
17	14	98 898	76 782,879	2 951 403,058	38,438	37,977	67	64	74 567	27 499,284	339 821,883	12,357	11,897
18	15	98 852	75 612,965	2 874 620,179	38,018	37,557	68	65	72 696	26 413,025	312 322,598	11,825	11,364
19	16	98 784	74 444,040	2 799 007,214	37,599	37,138	69	66	70 715	25 313,758	285 909,574	11,295	10,834
20	17	98 714	73 292,101	2 724 563,174	37,174	36,713	70	67	68 618	24 199,972	260 595,815	10,768	10,308
21	18	98 638	72 153,162	2 651 271,073	36,745	36,284	71	68	66 395	23 069,946	236 395,843	10,247	9,786
22	19	98 560	71 031,252	2 579 117,911	36,310	35,849	72	69	64 046	21 924,953	213 325,897	9,730	9,269
23	20	98 484	69 927,113	2 508 086,659	35,867	35,406	73	70	61 501	20 742,522	191 400,944	9,227	8,767
24	21	98 409	68 841,236	2 438 159,546	35,417	34,956	74	71	58 818	19 544,497	170 658,422	8,732	8,271
25	22	98 331	67 770,151	2 369 318,311	34,961	34,500	75	72	55 939	18 312,973	151 113,926	8,252	7,791
26	23	98 250	66 713,717	2 301 548,159	34,499	34,038	76	73	52 886	17 057,590	132 800,953	7,785	7,325
27	24	98 168	65 672,718	2 234 834,442	34,030	33,569	77	74	49 674	15 784,874	115 743,363	7,333	6,872
28	25	98 083	64 646,532	2 169 161,725	33,554	33,093	78	75	46 293	14 493,133	99 958,489	6,897	6,436
29	26	98 001	63 637,511	2 104 515,193	33,070	32,610	79	76	42 743	13 184,086	85 465,355	6,482	6,022
30	27	97 911	62 639,980	2 040 877,681	32,581	32,120	80	77	39 136	11 893,014	72 281,270	6,078	5,617
31	28	97 821	61 657,349	1 978 237,701	32,084	31,624	81	78	35 422	10 605,378	60 388,256	5,694	5,233
32	29	97 723	60 685,364	1 916 580,352	31,582	31,121	82	79	31 680	9 344,926	49 782,878	5,327	4,866
33	30	97 623	59 727,330	1 855 894,988	31,073	30,612	83	80	27 980	8 131,465	40 437,952	4,973	4,512
34	31	97 525	58 785,787	1 796 167,658	30,554	30,094	84	81	24 350	6 971,810	32 306,487	4,634	4,173
35	32	97 415	57 851,369	1 737 381,871	30,032	29,571	85	82	20 824	5 874,093	25 334,678	4,313	3,852
36	33	97 297	56 927,368	1 679 530,502	29,503	29,042	86	83	17 424	4 842,503	19 460,584	4,019	3,558
37	34	97 173	56 014,642	1 622 603,134	28,967	28,507	87	84	14 245	3 900,582	14 618,082	3,748	3,287
38	35	97 038	55 109,960	1 566 588,492	28,427	27,966	88	85	11 320	3 053,716	10 717,500	3,510	3,049
39	36	96 892	54 213,956	1 511 478,532	27,880	27,419	89	86	8 792	2 336,856	7 663,784	3,280	2,819
40	37	96 733	53 325,188	1 457 264,576	27,328	26,867	90	87	6 637	1 738,017	5 326,928	3,065	2,604
41	38	96 550	52 437,869	1 403 939,388	26,773	26,313	91	88	4 878	1 258,542	3 588,912	2,852	2,391
42	39	96 350	51 555,771	1 351 501,519	26,214	25,754	92	89	3 438	873,782	2 330,370	2,667	2,206
43	40	96 127	50 676,289	1 299 945,748	25,652	25,191	93	90	2 315	579,670	1 456,588	2,513	2,052
44	41	95 874	49 795,844	1 249 269,459	25,088	24,627	94	91	1 510	372,540	876,918	2,354	1,893
45	42	95 590	48 914,860	1 199 473,615	24,522	24,061	95	92	933	226,727	504,378	2,225	1,764
46	43	95 269	48 030,335	1 150 558,756	23,955	23,494	96	93	551	131,856	277,651	2,106	1,645
47	44	94 907	47 140,373	1 102 528,421	23,388	22,927	97	94	309	72,959	145,796	1,998	1,538
48	45	94 506	46 247,697	1 055 388,048	22,820	22,360	98	95	165	38,310	72,836	1,901	1,440
49	46	94 045	45 341,915	1 009 140,351	22,256	21,795	99	96	83	19,038	34,527	1,814	1,353
							100	97	40	8,931	15,488	1,734	1,273

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	44 497,825	972 580,842	21,857	21,396
1							51	47	93 134	43 585,238	928 083,017	21,294	20,833
2							52	48	92 526	42 660,797	884 497,779	20,733	20,272
3							53	49	91 869	41 731,810	841 836,983	20,173	19,712
4	0	99 524	93 770,101	4 072 772,842	43,434	42,973	54	50	91 150	40 793,669	800 105,173	19,613	19,153
5	1	99 191	92 075,472	3 979 002,740	43,215	42,754	55	51	90 355	39 839,956	759 311,504	19,059	18,598
6	2	99 152	90 678,465	3 886 927,268	42,865	42,404	56	52	89 508	38 883,322	719 471,547	18,503	18,043
7	3	99 125	89 314,569	3 796 248,803	42,504	42,043	57	53	88 595	37 917,968	680 588,225	17,949	17,488
8	4	99 102	87 973,523	3 706 934,234	42,137	41,676	58	54	87 622	36 947,440	642 670,257	17,394	16,933
9	5	99 080	86 654,703	3 618 960,711	41,763	41,302	59	55	86 571	35 964,583	605 722,817	16,842	16,381
10	6	99 063	85 359,040	3 532 306,008	41,382	40,921	60	56	85 432	34 966,778	569 758,234	16,294	15,833
11	7	99 046	84 083,315	3 446 946,968	40,994	40,534	61	57	84 205	33 955,471	534 791,456	15,750	15,289
12	8	99 028	82 825,729	3 362 863,653	40,602	40,141	62	58	82 915	32 941,087	500 835,985	15,204	14,743
13	9	99 011	81 588,103	3 280 037,924	40,202	39,742	63	59	81 522	31 909,119	467 894,898	14,663	14,203
14	10	98 996	80 370,227	3 198 449,821	39,796	39,336	64	60	80 067	30 876,420	435 985,779	14,120	13,660
15	11	98 972	79 163,054	3 118 079,594	39,388	38,927	65	61	78 485	29 818,956	405 109,359	13,586	13,125
16	12	98 945	77 971,385	3 038 916,540	38,975	38,514	66	62	76 822	28 755,957	375 290,403	13,051	12,590
17	13	98 908	76 790,433	2 960 945,156	38,559	38,098	67	63	75 068	27 683,898	346 534,446	12,518	12,057
18	14	98 864	75 622,327	2 884 154,723	38,139	37,678	68	64	73 223	26 604,465	318 850,548	11,985	11,524
19	15	98 797	74 454,133	2 808 532,396	37,722	37,261	69	65	71 267	25 511,278	292 246,082	11,456	10,995
20	16	98 730	73 303,886	2 734 078,263	37,298	36,837	70	66	69 187	24 400,539	266 734,805	10,932	10,471
21	17	98 655	72 165,830	2 660 774,377	36,870	36,409	71	67	66 999	23 279,922	242 334,266	10,410	9,949
22	18	98 582	71 046,772	2 588 608,548	36,435	35,974	72	68	64 680	22 141,835	219 054,344	9,893	9,432
23	19	98 505	69 942,154	2 517 561,776	35,995	35,534	73	69	62 183	20 972,542	196 912,509	9,389	8,928
24	20	98 430	68 855,763	2 447 619,622	35,547	35,086	74	70	59 529	19 780,842	175 939,967	8,894	8,434
25	21	98 352	67 784,803	2 378 763,859	35,093	34,632	75	71	56 695	18 560,627	156 159,124	8,413	7,953
26	22	98 273	66 729,051	2 310 979,056	34,632	34,171	76	72	53 717	17 325,707	137 598,497	7,942	7,481
27	23	98 190	65 687,659	2 244 250,005	34,165	33,705	77	73	50 550	16 063,339	120 272,790	7,487	7,027
28	24	98 105	64 661,233	2 178 562,346	33,692	33,231	78	74	47 205	14 778,718	104 209,451	7,051	6,591
29	25	98 022	63 651,696	2 113 901,113	33,210	32,750	79	75	43 717	13 484,537	89 430,733	6,632	6,171
30	26	97 937	62 656,719	2 050 249,418	32,722	32,261	80	76	40 154	12 202,314	75 946,196	6,224	5,763
31	27	97 846	61 673,269	1 987 592,698	32,228	31,767	81	77	36 478	10 921,605	63 743,882	5,836	5,376
32	28	97 749	60 701,130	1 925 919,429	31,728	31,267	82	78	32 770	9 666,413	52 822,277	5,465	5,004
33	29	97 650	59 743,901	1 865 218,299	31,220	30,759	83	79	29 072	8 448,720	43 155,864	5,108	4,647
34	30	97 552	58 801,924	1 805 474,398	30,704	30,244	84	80	25 454	7 287,909	34 707,144	4,762	4,301
35	31	97 447	57 870,236	1 746 672,474	30,183	29,722	85	81	21 908	6 179,976	27 419,235	4,437	3,976
36	32	97 331	56 947,091	1 688 802,238	29,656	29,195	86	82	18 475	5 134,490	21 239,259	4,137	3,676
37	33	97 208	56 034,915	1 631 855,146	29,122	28,661	87	83	15 235	4 171,562	16 104,769	3,861	3,400
38	34	97 077	55 132,333	1 575 820,231	28,583	28,122	88	84	12 224	3 297,699	11 933,206	3,619	3,158
39	35	96 933	54 237,070	1 520 687,898	28,038	27,577	89	85	9 612	2 554,766	8 635,507	3,380	2,919
40	36	96 778	53 350,066	1 466 450,828	27,487	27,027	90	86	7 348	1 923,965	6 080,742	3,161	2,700
41	37	96 601	52 465,502	1 413 100,762	26,934	26,473	91	87	5 510	1 421,538	4 156,777	2,924	2,463
42	38	96 407	51 586,185	1 360 635,260	26,376	25,915	92	88	3 931	999,135	2 735,239	2,738	2,277
43	39	96 194	50 711,953	1 309 049,075	25,813	25,353	93	89	2 691	673,853	1 736,103	2,576	2,116
44	40	95 942	49 831,363	1 258 337,122	25,252	24,791	94	90	1 773	437,354	1 062,250	2,429	1,968
45	41	95 670	48 955,541	1 208 505,759	24,686	24,225	95	91	1 128	274,204	624,896	2,279	1,818
46	42	95 360	48 075,812	1 159 550,218	24,119	23,658	96	92	679	162,581	350,692	2,157	1,696
47	43	95 007	47 190,185	1 111 474,407	23,553	23,092	97	93	390	91,991	188,112	2,045	1,584
48	44	94 613	46 300,054	1 064 284,222	22,987	22,526	98	94	213	49,457	96,121	1,944	1,483
49	45	94 172	45 403,326	1 017 984,168	22,421	21,960	99	95	110	25,198	46,664	1,852	1,391
							100	96	54	12,134	21,466	1,769	1,308

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	44 558,093	980 688,982	22,009	21,548
1							51	46	93 279	43 652,940	936 130,889	21,445	20,984
2							52	47	92 687	42 734,960	892 477,949	20,884	20,423
3							53	48	92 039	41 809,281	849 742,990	20,324	19,863
4							54	49	91 342	40 879,191	807 933,709	19,764	19,303
5	0	99 510	92 371,024	3 988 206,521	43,176	42,715	55	50	90 566	39 933,259	767 054,518	19,208	18,748
6	1	99 180	90 704,255	3 895 835,497	42,951	42,490	56	51	89 731	38 980,414	727 121,259	18,654	18,193
7	2	99 141	89 328,971	3 805 131,242	42,597	42,136	57	52	88 841	38 023,325	688 140,845	18,098	17,637
8	3	99 116	87 986,139	3 715 802,272	42,232	41,771	58	53	87 889	37 060,072	650 117,520	17,542	17,081
9	4	99 092	86 665,089	3 627 816,133	41,860	41,399	59	54	86 848	36 079,538	613 057,448	16,992	16,531
10	5	99 072	85 366,762	3 541 151,043	41,482	41,021	60	55	85 740	35 093,027	576 977,909	16,441	15,981
11	6	99 054	84 090,057	3 455 784,281	41,096	40,635	61	56	84 526	34 084,750	541 884,883	15,898	15,437
12	7	99 036	82 832,649	3 371 694,224	40,705	40,244	62	57	83 258	33 077,575	507 800,132	15,352	14,891
13	8	99 018	81 593,171	3 288 861,575	40,308	39,847	63	58	81 896	32 055,280	474 722,558	14,809	14,349
14	9	99 003	80 375,330	3 207 268,404	39,904	39,443	64	59	80 451	31 024,667	442 667,278	14,268	13,807
15	10	98 980	79 169,431	3 126 893,074	39,496	39,035	65	60	78 916	29 982,899	411 642,612	13,729	13,268
16	11	98 952	77 977,578	3 047 723,643	39,085	38,624	66	61	77 261	28 920,383	381 659,713	13,197	12,736
17	12	98 915	76 796,320	2 969 746,065	38,670	38,210	67	62	75 542	27 858,706	352 739,330	12,662	12,201
18	13	98 874	75 629,767	2 892 949,745	38,251	37,791	68	63	73 714	26 783,072	324 880,625	12,130	11,669
19	14	98 809	74 463,351	2 817 319,979	37,835	37,374	69	64	71 784	25 696,183	298 097,553	11,601	11,140
20	15	98 743	73 313,825	2 742 856,628	37,413	36,952	70	65	69 727	24 590,932	272 401,370	11,077	10,617
21	16	98 671	72 177,433	2 669 542,803	36,986	36,525	71	66	67 555	23 472,863	247 810,438	10,557	10,097
22	17	98 599	71 059,245	2 597 365,370	36,552	36,091	72	67	65 268	22 343,364	224 337,574	10,040	9,580
23	18	98 526	69 957,435	2 526 306,125	36,112	35,651	73	68	62 798	21 180,003	201 994,210	9,537	9,076
24	19	98 451	68 870,574	2 456 348,690	35,666	35,205	74	69	60 190	20 000,198	180 814,207	9,041	8,580
25	20	98 373	67 799,108	2 387 478,115	35,214	34,753	75	70	57 381	18 785,075	160 814,009	8,561	8,100
26	21	98 294	66 743,477	2 319 679,008	34,755	34,294	76	71	54 443	17 560,011	142 028,934	8,088	7,627
27	22	98 212	65 702,757	2 252 935,530	34,290	33,829	77	72	51 345	16 315,829	124 468,923	7,629	7,168
28	23	98 128	64 675,944	2 187 232,774	33,818	33,358	78	73	48 038	15 039,433	108 153,095	7,191	6,731
29	24	98 045	63 666,170	2 122 556,830	33,339	32,878	79	74	44 579	13 750,248	93 113,662	6,772	6,311
30	25	97 959	62 670,685	2 058 890,660	32,853	32,392	80	75	41 069	12 480,392	79 363,414	6,359	5,898
31	26	97 872	61 689,750	1 996 219,975	32,359	31,898	81	76	37 427	11 205,642	66 883,022	5,969	5,508
32	27	97 774	60 716,803	1 934 530,224	31,862	31,401	82	77	33 747	9 954,642	55 677,380	5,593	5,132
33	28	97 676	59 759,422	1 873 813,421	31,356	30,895	83	78	30 072	8 739,375	45 722,738	5,232	4,771
34	29	97 579	58 818,238	1 814 053,999	30,842	30,381	84	79	26 447	7 572,252	36 983,363	4,884	4,423
35	30	97 473	57 886,122	1 755 235,761	30,322	29,861	85	80	22 901	6 460,174	29 411,111	4,553	4,092
36	31	97 362	56 965,664	1 697 349,638	29,796	29,335	86	81	19 437	5 401,859	22 950,937	4,249	3,788
37	32	97 242	56 054,329	1 640 383,975	29,264	28,803	87	82	16 154	4 423,094	17 549,077	3,968	3,507
38	33	97 112	55 152,287	1 584 329,645	28,726	28,266	88	83	13 074	3 526,796	13 125,983	3,722	3,261
39	34	96 972	54 259,089	1 529 177,358	28,183	27,722	89	84	10 380	2 758,884	9 599,187	3,479	3,019
40	35	96 819	53 372,811	1 474 918,269	27,634	27,173	90	85	8 033	2 103,373	6 840,303	3,252	2,791
41	36	96 646	52 489,979	1 421 545,458	27,082	26,621	91	86	6 100	1 573,627	4 736,930	3,010	2,549
42	37	96 457	51 613,369	1 369 055,479	26,525	26,064	92	87	4 440	1 128,535	3 163,303	2,803	2,342
43	38	96 251	50 741,869	1 317 442,110	25,964	25,503	93	88	3 077	770,525	2 034,768	2,641	2,180
44	39	96 009	49 866,432	1 266 700,241	25,402	24,941	94	89	2 061	508,415	1 264,243	2,487	2,026
45	40	95 738	48 990,461	1 216 833,809	24,838	24,377	95	90	1 324	321,910	755,829	2,348	1,887
46	41	95 439	48 115,795	1 167 843,348	24,272	23,811	96	91	821	196,625	433,919	2,207	1,746
47	42	95 097	47 234,866	1 119 727,553	23,706	23,245	97	92	481	113,427	237,294	2,092	1,631
48	43	94 713	46 348,977	1 072 492,686	23,140	22,679	98	93	268	62,357	123,867	1,986	1,526
49	44	94 279	45 454,727	1 026 143,709	22,575	22,114	99	94	142	32,530	61,510	1,891	1,430
							100	95	71	16,060	28,980	1,804	1,344

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	44 608,537	988 157,451	22,152	21,691
1							51	45	93 405	43 712,063	943 548,914	21,586	21,125
2							52	46	92 831	42 801,341	899 836,851	21,024	20,563
3							53	47	92 199	41 881,963	857 035,510	20,463	20,002
4							54	48	91 511	40 955,079	815 153,546	19,904	19,443
5							55	49	90 756	40 016,977	774 198,467	19,347	18,886
6	0	99 498	90 995,405	3 904 331,747	42,907	42,446	56	50	89 942	39 071,704	734 181,490	18,791	18,330
7	1	99 170	89 354,377	3 813 336,341	42,677	42,216	57	51	89 063	38 118,269	695 109,786	18,236	17,775
8	2	99 132	88 000,326	3 723 981,965	42,318	41,857	58	52	88 134	37 163,045	656 991,517	17,679	17,218
9	3	99 106	86 677,518	3 635 981,638	41,948	41,488	59	53	87 112	36 189,525	619 828,472	17,127	16,666
10	4	99 083	85 376,994	3 549 304,121	41,572	41,111	60	54	86 014	35 205,196	583 638,947	16,578	16,117
11	5	99 063	84 097,664	3 463 927,126	41,189	40,729	61	55	84 831	34 207,814	548 433,751	16,032	15,572
12	6	99 044	82 839,291	3 379 829,462	40,800	40,339	62	56	83 575	33 203,512	514 225,937	15,487	15,026
13	7	99 026	81 599,988	3 296 990,171	40,404	39,943	63	57	82 235	32 188,097	481 022,425	14,944	14,483
14	8	99 009	80 380,322	3 215 390,183	40,002	39,541	64	58	80 820	31 166,776	448 834,328	14,401	13,940
15	9	98 986	79 174,458	3 135 009,860	39,596	39,135	65	59	79 295	30 126,855	417 667,552	13,864	13,403
16	10	98 960	77 983,860	3 055 835,403	39,185	38,725	66	60	77 686	29 079,385	387 540,697	13,327	12,866
17	11	98 923	76 802,419	2 977 851,542	38,773	38,312	67	61	75 973	28 018,001	358 461,312	12,794	12,333
18	12	98 881	75 635,564	2 901 049,123	38,356	37,895	68	62	74 180	26 952,191	330 443,311	12,260	11,800
19	13	98 819	74 470,677	2 825 413,559	37,940	37,479	69	63	72 266	25 868,692	303 491,120	11,732	11,271
20	14	98 755	73 322,902	2 750 942,882	37,518	37,057	70	64	70 232	24 769,167	277 622,428	11,208	10,748
21	15	98 684	72 187,219	2 677 619,980	37,093	36,632	71	65	68 082	23 656,019	252 853,262	10,689	10,228
22	16	98 615	71 070,671	2 605 432,762	36,660	36,199	72	66	65 809	22 528,543	229 197,243	10,174	9,713
23	17	98 544	69 969,718	2 534 362,091	36,221	35,760	73	67	63 370	21 372,777	206 668,700	9,670	9,209
24	18	98 472	68 885,622	2 464 392,373	35,775	35,314	74	68	60 785	20 198,040	185 295,922	9,174	8,713
25	19	98 394	67 813,691	2 395 506,752	35,325	34,864	75	69	58 017	18 993,388	165 097,882	8,692	8,232
26	20	98 314	66 757,562	2 327 693,060	34,868	34,407	76	70	55 102	17 772,358	146 104,493	8,221	7,760
27	21	98 234	65 716,961	2 260 935,498	34,404	33,943	77	71	52 039	16 536,475	128 332,135	7,761	7,300
28	22	98 150	64 690,809	2 195 218,537	33,934	33,473	78	72	48 793	15 275,829	111 795,660	7,318	6,858
29	23	98 067	63 680,655	2 130 527,727	33,456	32,996	79	73	45 365	13 992,819	96 519,831	6,898	6,437
30	24	97 982	62 684,937	2 066 847,072	32,972	32,511	80	74	41 878	12 726,316	82 527,012	6,485	6,024
31	25	97 894	61 703,500	2 004 162,136	32,481	32,020	81	75	38 280	11 461,007	69 800,696	6,090	5,629
32	26	97 800	60 733,029	1 942 458,635	31,984	31,523	82	76	34 625	10 213,531	58 339,690	5,712	5,251
33	27	97 701	59 774,852	1 881 725,607	31,480	31,019	83	77	30 969	8 999,962	48 126,158	5,347	4,887
34	28	97 605	58 833,519	1 821 950,755	30,968	30,507	84	78	27 357	7 832,755	39 126,196	4,995	4,534
35	29	97 500	57 902,182	1 763 117,236	30,450	29,989	85	79	23 795	6 712,222	31 293,441	4,662	4,201
36	30	97 389	56 981,302	1 705 215,053	29,926	29,465	86	80	20 318	5 646,778	24 581,219	4,353	3,892
37	31	97 273	56 072,610	1 648 233,752	29,395	28,934	87	81	16 995	4 653,419	18 934,440	4,069	3,608
38	32	97 146	55 171,395	1 592 161,142	28,858	28,398	88	82	13 862	3 739,451	14 281,022	3,819	3,358
39	33	97 007	54 278,727	1 536 989,746	28,317	27,856	89	83	11 101	2 950,549	10 541,571	3,573	3,112
40	34	96 859	53 394,479	1 482 711,019	27,769	27,308	90	84	8 674	2 271,427	7 591,022	3,342	2,881
41	35	96 687	52 512,358	1 429 316,540	27,219	26,758	91	85	6 669	1 720,366	5 319,596	3,092	2,631
42	36	96 502	51 637,449	1 376 804,182	26,663	26,202	92	86	4 915	1 249,276	3 599,230	2,881	2,420
43	37	96 302	50 768,608	1 325 166,733	26,102	25,641	93	87	3 476	870,317	2 349,954	2,700	2,239
44	38	96 066	49 895,849	1 274 398,125	25,541	25,080	94	88	2 356	581,352	1 479,637	2,545	2,084
45	39	95 805	49 024,938	1 224 502,276	24,977	24,516	95	89	1 540	374,213	898,285	2,400	1,940
46	40	95 507	48 150,116	1 175 477,337	24,413	23,952	96	90	964	230,834	524,072	2,270	1,810
47	41	95 176	47 274,150	1 127 327,221	23,847	23,386	97	91	581	137,178	293,238	2,138	1,677
48	42	94 803	46 392,862	1 080 053,071	23,281	22,820	98	92	331	76,888	156,060	2,030	1,569
49	43	94 379	45 502,757	1 033 660,209	22,716	22,256	99	93	179	41,015	79,172	1,930	1,470
							100	94	92	20,733	38,157	1,840	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	44 655,673	995 027,758	22,282	21,821
1							51	44	93 511	43 761,550	950 372,085	21,717	21,256
2							52	45	92 956	42 859,311	906 610,535	21,153	20,692
3							53	46	92 342	41 947,020	863 751,224	20,591	20,131
4							54	47	91 670	41 026,277	821 804,204	20,031	19,570
5							55	48	90 925	40 091,265	780 777,927	19,475	19,014
6							56	49	90 130	39 153,616	740 686,662	18,917	18,457
7	0	99 488	89 641,194	3 821 170,989	42,627	42,167	57	50	89 272	38 207,540	701 533,046	18,361	17,900
8	1	99 160	88 025,355	3 731 529,794	42,392	41,931	58	51	88 354	37 255,841	663 325,507	17,805	17,344
9	2	99 122	86 691,494	3 643 504,440	42,028	41,568	59	52	87 354	36 290,079	626 069,665	17,252	16,791
10	3	99 098	85 389,238	3 556 812,946	41,654	41,193	60	53	86 276	35 312,517	589 779,586	16,702	16,241
11	4	99 075	84 107,744	3 471 423,708	41,274	40,813	61	54	85 102	34 317,154	554 467,069	16,157	15,696
12	5	99 053	82 846,786	3 387 315,964	40,887	40,426	62	55	83 877	33 323,394	520 149,916	15,609	15,148
13	6	99 034	81 606,531	3 304 469,178	40,493	40,032	63	56	82 548	32 310,648	486 826,522	15,067	14,606
14	7	99 017	80 387,038	3 222 862,647	40,092	39,631	64	57	81 155	31 295,912	454 515,874	14,523	14,062
15	8	98 993	79 179,376	3 142 475,609	39,688	39,227	65	58	79 658	30 264,852	423 219,962	13,984	13,523
16	9	98 967	77 988,811	3 063 296,233	39,279	38,818	66	59	78 059	29 219,004	392 955,110	13,449	12,988
17	10	98 931	76 808,607	2 985 307,422	38,867	38,406	67	60	76 391	28 172,042	363 736,106	12,911	12,450
18	11	98 889	75 641,572	2 908 498,815	38,451	37,990	68	61	74 604	27 106,303	335 564,064	12,380	11,919
19	12	98 826	74 476,385	2 832 857,243	38,037	37,576	69	62	72 722	26 032,037	308 457,761	11,849	11,388
20	13	98 765	73 330,115	2 758 380,857	37,616	37,155	70	63	70 703	24 935,452	282 425,724	11,326	10,865
21	14	98 696	72 196,156	2 685 050,742	37,191	36,730	71	64	68 575	23 827,477	257 490,272	10,806	10,346
22	15	98 628	71 080,306	2 612 854,586	36,759	36,298	72	65	66 323	22 704,330	233 662,795	10,292	9,831
23	16	98 560	69 980,968	2 541 774,280	36,321	35,860	73	66	63 895	21 549,913	210 958,465	9,789	9,328
24	17	98 489	68 897,716	2 471 793,312	35,876	35,415	74	67	61 338	20 381,877	189 408,552	9,293	8,832
25	18	98 415	67 828,508	2 402 895,596	35,426	34,965	75	68	58 591	19 181,272	169 026,675	8,812	8,351
26	19	98 336	66 771,922	2 335 067,088	34,971	34,510	76	69	55 713	17 969,441	149 845,403	8,339	7,878
27	20	98 254	65 730,830	2 268 295,166	34,509	34,048	77	70	52 668	16 736,445	131 875,962	7,880	7,419
28	21	98 172	64 704,795	2 202 564,336	34,040	33,579	78	71	49 453	15 482,410	115 139,517	7,437	6,976
29	22	98 090	63 695,292	2 137 859,541	33,564	33,103	79	72	46 078	14 212,764	99 657,106	7,012	6,551
30	23	98 004	62 699,198	2 074 164,250	33,081	32,620	80	73	42 617	12 950,824	85 444,343	6,598	6,137
31	24	97 916	61 717,532	2 011 465,052	32,591	32,131	81	74	39 034	11 686,844	72 493,519	6,203	5,742
32	25	97 822	60 746,565	1 949 747,520	32,096	31,636	82	75	35 414	10 446,287	60 806,675	5,821	5,360
33	26	97 727	59 790,826	1 889 000,954	31,593	31,133	83	76	31 774	9 234,023	50 360,388	5,454	4,993
34	27	97 630	58 848,710	1 829 210,129	31,083	30,622	84	77	28 172	8 066,309	41 126,365	5,099	4,638
35	28	97 526	57 917,225	1 770 361,419	30,567	30,106	85	78	24 613	6 943,138	33 060,056	4,762	4,301
36	29	97 416	56 997,111	1 712 444,193	30,044	29,584	86	79	21 111	5 867,091	26 116,917	4,451	3,991
37	30	97 300	56 088,003	1 655 447,083	29,515	29,054	87	80	17 765	4 864,403	20 249,826	4,163	3,702
38	31	97 177	55 189,388	1 599 359,080	28,979	28,519	88	81	14 584	3 934,176	15 385,423	3,911	3,450
39	32	97 041	54 297,532	1 544 169,691	28,439	27,978	89	82	11 771	3 128,457	11 451,247	3,660	3,200
40	33	96 894	53 413,804	1 489 872,159	27,893	27,432	90	83	9 277	2 429,227	8 322,790	3,426	2,965
41	34	96 727	52 533,677	1 436 458,355	27,344	26,883	91	84	7 201	1 857,818	5 893,563	3,172	2,712
42	35	96 544	51 659,464	1 383 924,678	26,789	26,329	92	85	5 373	1 365,770	4 035,745	2,955	2,494
43	36	96 347	50 792,294	1 332 265,214	26,230	25,769	93	86	3 847	963,431	2 669,975	2,771	2,311
44	37	96 117	49 922,143	1 281 472,920	25,669	25,209	94	87	2 662	656,644	1 706,544	2,599	2,138
45	38	95 862	49 053,859	1 231 550,777	25,106	24,645	95	88	1 760	427,898	1 049,900	2,454	1,993
46	39	95 574	48 184,002	1 182 496,918	24,541	24,080	96	89	1 121	268,339	622,002	2,318	1,857
47	40	95 244	47 307,871	1 134 312,916	23,977	23,516	97	90	683	161,044	353,663	2,196	1,735
48	41	94 882	46 431,446	1 087 005,045	23,411	22,950	98	91	400	92,988	192,618	2,071	1,611
49	42	94 468	45 545,841	1 040 573,599	22,847	22,386	99	92	221	50,572	99,630	1,970	1,509
							100	93	116	26,141	49,058	1,877	1,416



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	44 697,955	1 001 339,478	22,402	21,942
1							51	43	93 609	43 807,791	956 641,523	21,837	21,376
2							52	44	93 062	42 907,832	912 833,732	21,274	20,813
3							53	45	92 468	42 003,833	869 925,900	20,711	20,250
4							54	46	91 813	41 090,004	827 922,067	20,149	19,688
5							55	47	91 083	40 160,961	786 832,063	19,592	19,131
6							56	48	90 297	39 226,301	746 671,102	19,035	18,574
7							57	49	89 459	38 287,640	707 444,801	18,477	18,016
8	0	99 478	88 307,906	3 738 748,314	42,338	41,877	58	50	88 561	37 343,092	669 157,161	17,919	17,458
9	1	99 150	86 716,150	3 650 440,407	42,096	41,636	59	51	87 572	36 380,695	631 814,069	17,367	16,906
10	2	99 114	85 403,006	3 563 724,258	41,728	41,268	60	52	86 516	35 410,634	595 433,374	16,815	16,354
11	3	99 089	84 119,806	3 478 321,251	41,350	40,889	61	53	85 361	34 421,768	560 022,740	16,269	15,809
12	4	99 065	82 856,716	3 394 201,445	40,965	40,504	62	54	84 145	33 429,907	525 600,972	15,722	15,262
13	5	99 043	81 613,914	3 311 344,730	40,573	40,112	63	55	82 846	32 427,306	492 171,065	15,178	14,717
14	6	99 025	80 393,484	3 229 730,816	40,174	39,713	64	56	81 464	31 415,066	459 743,759	14,634	14,174
15	7	99 001	79 185,991	3 149 337,332	39,771	39,311	65	57	79 988	30 390,251	428 328,693	14,094	13,633
16	8	98 973	77 993,656	3 070 151,341	39,364	38,903	66	58	78 417	29 352,842	397 938,442	13,557	13,096
17	9	98 937	76 813,483	2 992 157,685	38,954	38,493	67	59	76 758	28 307,305	368 585,600	13,021	12,560
18	10	98 897	75 647,666	2 915 344,202	38,538	38,078	68	60	75 014	27 255,332	340 278,295	12,485	12,024
19	11	98 834	74 482,301	2 839 696,535	38,126	37,665	69	61	73 138	26 180,887	313 022,964	11,956	11,495
20	12	98 773	73 335,737	2 765 214,234	37,706	37,245	70	62	71 150	25 092,904	286 842,076	11,431	10,970
21	13	98 706	72 203,259	2 691 878,498	37,282	36,821	71	63	69 036	23 987,440	261 749,172	10,912	10,451
22	14	98 641	71 089,107	2 619 675,239	36,851	36,390	72	64	66 804	22 868,891	237 761,731	10,397	9,936
23	15	98 573	69 990,456	2 548 586,132	36,413	35,953	73	65	64 394	21 718,063	214 892,841	9,895	9,434
24	16	98 505	68 908,794	2 478 595,676	35,969	35,508	74	66	61 847	20 550,800	193 174,778	9,400	8,939
25	17	98 433	67 840,416	2 409 686,882	35,520	35,059	75	67	59 124	19 355,854	172 623,978	8,918	8,458
26	18	98 357	66 786,511	2 341 846,466	35,065	34,604	76	68	56 264	18 147,196	153 268,123	8,446	7,985
27	19	98 276	65 744,968	2 275 059,955	34,604	34,144	77	69	53 252	16 922,041	135 120,928	7,985	7,524
28	20	98 192	64 718,450	2 209 314,987	34,137	33,677	78	70	50 051	15 669,634	118 198,887	7,543	7,082
29	21	98 111	63 709,062	2 144 596,537	33,662	33,202	79	71	46 701	14 404,969	102 529,253	7,118	6,657
30	22	98 026	62 713,609	2 080 887,475	33,181	32,720	80	72	43 287	13 154,390	88 124,284	6,699	6,238
31	23	97 939	61 731,573	2 018 173,866	32,693	32,232	81	73	39 723	11 893,014	74 969,894	6,304	5,843
32	24	97 844	60 760,380	1 956 442,292	32,199	31,739	82	74	36 112	10 652,129	63 076,880	5,922	5,461
33	25	97 749	59 804,153	1 895 681,913	31,698	31,237	83	75	32 498	9 444,457	52 424,750	5,551	5,090
34	26	97 656	58 864,436	1 835 877,760	31,188	30,727	84	76	28 905	8 276,089	42 980,293	5,193	4,733
35	27	97 551	57 932,179	1 777 013,324	30,674	30,213	85	77	25 347	7 150,166	34 704,205	4,854	4,393
36	28	97 441	57 011,918	1 719 081,145	30,153	29,692	86	78	21 837	6 068,932	27 554,039	4,540	4,079
37	29	97 327	56 103,564	1 662 069,226	29,625	29,164	87	79	18 459	5 054,192	21 485,106	4,251	3,790
38	30	97 204	55 204,539	1 605 965,662	29,091	28,630	88	80	15 245	4 112,550	16 430,915	3,995	3,535
39	31	97 073	54 315,241	1 550 761,124	28,551	28,090	89	81	12 384	3 291,366	12 318,364	3,743	3,282
40	32	96 927	53 432,310	1 496 445,883	28,006	27,546	90	82	9 836	2 575,701	9 026,998	3,505	3,044
41	33	96 762	52 552,690	1 443 013,573	27,458	26,998	91	83	7 702	1 986,884	6 451,297	3,247	2,786
42	34	96 583	51 680,437	1 390 460,883	26,905	26,444	92	84	5 803	1 474,891	4 464,413	3,027	2,566
43	35	96 388	50 813,948	1 338 780,446	26,347	25,886	93	85	4 206	1 053,270	2 989,522	2,838	2,378
44	36	96 162	49 945,434	1 287 966,498	25,787	25,327	94	86	2 946	726,898	1 936,252	2,664	2,203
45	37	95 912	49 079,709	1 238 021,064	25,225	24,764	95	87	1 988	483,316	1 209,354	2,502	2,041
46	38	95 631	48 212,427	1 188 941,355	24,660	24,200	96	88	1 281	306,835	726,039	2,366	1,905
47	39	95 311	47 341,164	1 140 728,928	24,096	23,635	97	89	793	187,211	419,203	2,239	1,778
48	40	94 949	46 464,566	1 093 387,764	23,532	23,071	98	90	470	109,166	231,992	2,125	1,664
49	41	94 547	45 583,720	1 046 923,199	22,967	22,506	99	91	267	61,162	122,826	2,008	1,547
							100	92	143	32,233	61,664	1,913	1,452

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	44 735,129	1 007 131,047	22,513	22,052
1							51	42	93 698	43 849,270	962 395,918	21,948	21,487
2							52	43	93 160	42 953,171	918 546,647	21,385	20,924
3							53	44	92 572	42 051,385	875 593,476	20,822	20,361
4							54	45	91 937	41 145,656	833 542,091	20,258	19,798
5							55	46	91 224	40 223,344	792 396,434	19,700	19,239
6							56	47	90 454	39 294,493	752 173,090	19,142	18,681
7							57	48	89 625	38 358,717	712 878,598	18,585	18,124
8							58	49	88 746	37 421,380	674 519,880	18,025	17,564
9	0	99 469	86 994,499	3 657 087,284	42,038	41,577	59	50	87 778	36 465,897	637 098,500	17,471	17,010
10	1	99 142	85 427,296	3 570 092,785	41,791	41,330	60	51	86 732	35 499,055	600 632,603	16,920	16,459
11	2	99 105	84 133,370	3 484 665,489	41,418	40,958	61	52	85 599	34 517,410	565 133,549	16,372	15,912
12	3	99 079	82 868,598	3 400 532,119	41,035	40,574	62	53	84 402	33 531,816	530 616,139	15,824	15,363
13	4	99 055	81 623,696	3 317 663,522	40,646	40,185	63	54	83 111	32 530,955	497 084,323	15,280	14,820
14	5	99 034	80 400,757	3 236 039,825	40,249	39,788	64	55	81 758	31 528,491	464 553,368	14,734	14,274
15	6	99 009	79 192,341	3 155 639,068	39,848	39,387	65	56	80 293	30 505,957	433 024,878	14,195	13,734
16	7	98 981	78 000,172	3 076 446,728	39,442	38,981	66	57	78 742	29 474,462	402 518,921	13,657	13,196
17	8	98 943	76 818,255	2 998 446,556	39,033	38,572	67	58	77 110	28 436,967	373 044,459	13,118	12,657
18	9	98 904	75 652,469	2 921 628,301	38,619	38,158	68	59	75 374	27 386,193	344 607,492	12,583	12,122
19	10	98 842	74 488,302	2 845 975,832	38,207	37,746	69	60	73 540	26 324,828	317 221,299	12,050	11,589
20	11	98 780	73 341,561	2 771 487,530	37,789	37,328	70	61	71 557	25 236,385	290 896,470	11,527	11,066
21	12	98 714	72 208,794	2 698 145,969	37,366	36,905	71	62	69 471	24 138,906	265 660,085	11,005	10,545
22	13	98 650	71 096,101	2 625 937,175	36,935	36,474	72	63	67 252	23 022,419	241 521,179	10,491	10,030
23	14	98 585	69 999,121	2 554 841,074	36,498	36,037	73	64	64 860	21 875,475	218 498,760	9,988	9,528
24	15	98 519	68 918,136	2 484 841,953	36,055	35,594	74	65	62 329	20 711,155	196 623,285	9,494	9,033
25	16	98 449	67 851,324	2 415 923,816	35,606	35,145	75	66	59 614	19 516,273	175 912,130	9,014	8,553
26	17	98 374	66 798,236	2 348 072,492	35,152	34,691	76	67	56 776	18 312,366	156 395,857	8,540	8,080
27	18	98 297	65 759,333	2 281 274,256	34,691	34,230	77	68	53 779	17 089,434	138 083,490	8,080	7,619
28	19	98 213	64 732,371	2 215 514,923	34,226	33,765	78	69	50 606	15 843,399	120 994,056	7,637	7,176
29	20	98 131	63 722,507	2 150 782,552	33,752	33,292	79	70	47 266	14 579,164	105 150,657	7,212	6,752
30	21	98 048	62 727,167	2 087 060,045	33,272	32,811	80	71	43 872	13 332,282	90 571,493	6,793	6,333
31	22	97 961	61 745,762	2 024 332,878	32,785	32,324	81	72	40 347	12 079,953	77 239,211	6,394	5,933
32	23	97 866	60 774,203	1 962 587,116	32,293	31,832	82	73	36 749	10 840,046	65 159,257	6,011	5,550
33	24	97 771	59 817,752	1 901 812,913	31,793	31,333	83	74	33 139	9 630,558	54 319,211	5,640	5,179
34	25	97 678	58 877,557	1 841 995,160	31,285	30,824	84	75	29 564	8 464,692	44 688,653	5,279	4,819
35	26	97 577	57 947,661	1 783 117,604	30,771	30,310	85	76	26 006	7 336,120	36 223,961	4,938	4,477
36	27	97 466	57 026,639	1 725 169,943	30,252	29,791	86	77	22 488	6 249,894	28 887,841	4,622	4,161
37	28	97 352	56 118,140	1 668 143,304	29,726	29,265	87	78	19 094	5 228,067	22 637,948	4,330	3,869
38	29	97 231	55 219,855	1 612 025,165	29,193	28,732	88	79	15 840	4 273,004	17 409,880	4,074	3,614
39	30	97 099	54 330,151	1 556 805,310	28,655	28,194	89	80	12 945	3 440,596	13 136,876	3,818	3,357
40	31	96 959	53 449,736	1 502 475,159	28,110	27,649	90	81	10 349	2 709,826	9 696,281	3,578	3,117
41	32	96 795	52 570,898	1 449 025,423	27,563	27,102	91	82	8 166	2 106,687	6 986,454	3,316	2,856
42	33	96 618	51 699,141	1 396 454,525	27,011	26,550	92	83	6 206	1 577,354	4 879,767	3,094	2,633
43	34	96 427	50 834,578	1 344 755,384	26,454	25,993	93	84	4 542	1 137,423	3 302,413	2,903	2,443
44	35	96 203	49 966,727	1 293 920,806	25,896	25,435	94	85	3 221	794,680	2 164,990	2,724	2,264
45	36	95 957	49 102,606	1 243 954,079	25,334	24,873	95	86	2 201	535,025	1 370,309	2,561	2,100
46	37	95 681	48 237,833	1 194 851,472	24,770	24,309	96	87	1 447	346,574	835,284	2,410	1,949
47	38	95 367	47 369,092	1 146 613,639	24,206	23,745	97	88	907	214,068	488,710	2,283	1,822
48	39	95 016	46 497,265	1 099 244,547	23,641	23,180	98	89	546	126,903	274,642	2,164	1,703
49	40	94 614	45 616,235	1 052 747,282	23,078	22,618	99	90	314	71,803	147,739	2,058	1,597
							100	91	173	38,983	75,935	1,948	1,487

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	44 767,039	1 012 439,355	22,616	22,155
1							51	41	93 776	43 885,738	967 672,316	22,050	21,589
2							52	42	93 248	42 993,841	923 786,578	21,486	21,026
3							53	43	92 670	42 095,819	880 792,737	20,924	20,463
4							54	44	92 041	41 192,237	838 696,917	20,361	19,900
5							55	45	91 348	40 277,822	797 504,680	19,800	19,339
6							56	46	90 595	39 355,530	757 226,857	19,241	18,780
7							57	47	89 781	38 425,401	717 871,328	18,682	18,221
8							58	48	88 911	37 490,849	679 445,926	18,123	17,662
9							59	49	87 962	36 542,346	641 955,077	17,567	17,107
10	0	99 460	85 701,508	3 576 211,017	41,729	41,268	60	50	86 935	35 582,191	605 412,731	17,014	16,554
11	1	99 133	84 157,298	3 490 509,509	41,476	41,015	61	51	85 812	34 603,600	569 830,540	16,467	16,007
12	2	99 095	82 881,960	3 406 352,211	41,099	40,638	62	52	84 636	33 624,985	535 226,940	15,918	15,457
13	3	99 069	81 635,401	3 323 470,251	40,711	40,250	63	53	83 364	32 630,124	501 601,954	15,372	14,912
14	4	99 046	80 410,394	3 241 834,849	40,316	39,855	64	54	82 019	31 629,266	468 971,831	14,827	14,366
15	5	99 018	79 199,505	3 161 424,455	39,917	39,456	65	55	80 583	30 616,099	437 342,565	14,285	13,824
16	6	98 989	78 006,426	3 082 224,950	39,512	39,052	66	56	79 041	29 586,681	406 726,465	13,747	13,286
17	7	98 952	76 824,673	3 004 218,524	39,105	38,644	67	57	77 429	28 554,792	377 139,784	13,208	12,747
18	8	98 910	75 657,168	2 927 393,851	38,693	38,232	68	58	75 719	27 511,636	348 584,992	12,670	12,210
19	9	98 849	74 493,031	2 851 736,683	38,282	37,821	69	59	73 893	26 451,222	321 073,356	12,138	11,678
20	10	98 788	73 347,470	2 777 243,652	37,864	37,403	70	60	71 950	25 375,133	294 622,134	11,611	11,150
21	11	98 721	72 214,530	2 703 896,182	37,443	36,982	71	61	69 869	24 276,932	269 247,001	11,091	10,630
22	12	98 658	71 101,551	2 631 681,652	37,013	36,552	72	62	67 677	23 167,791	244 970,069	10,574	10,113
23	13	98 595	70 006,008	2 560 580,101	36,577	36,116	73	63	65 296	22 022,334	221 802,277	10,072	9,611
24	14	98 531	68 926,669	2 490 574,093	36,134	35,673	74	64	62 781	20 861,269	199 779,943	9,577	9,116
25	15	98 462	67 860,524	2 421 647,424	35,686	35,225	75	65	60 079	19 668,556	178 918,675	9,097	8,636
26	16	98 390	66 808,977	2 353 786,901	35,232	34,771	76	66	57 246	18 464,137	159 250,119	8,625	8,164
27	17	98 314	65 770,878	2 286 977,924	34,772	34,311	77	67	54 269	17 244,977	140 785,982	8,164	7,703
28	18	98 235	64 746,514	2 221 207,046	34,306	33,845	78	68	51 106	16 000,123	123 541,004	7,721	7,260
29	19	98 153	63 736,214	2 156 460,532	33,834	33,373	79	69	47 790	14 740,836	107 540,881	7,295	6,835
30	20	98 068	62 740,405	2 092 724,318	33,355	32,894	80	70	44 403	13 493,506	92 800,045	6,877	6,417
31	21	97 982	61 759,111	2 029 983,913	32,869	32,409	81	71	40 893	12 243,316	79 306,539	6,478	6,017
32	22	97 889	60 788,172	1 968 224,802	32,378	31,918	82	72	37 327	11 010,434	67 063,223	6,091	5,630
33	23	97 793	59 831,361	1 907 436,630	31,880	31,419	83	73	33 723	9 800,453	56 052,789	5,719	5,259
34	24	97 700	58 890,946	1 847 605,269	31,373	30,913	84	74	30 146	8 631,487	46 252,336	5,359	4,898
35	25	97 599	57 960,577	1 788 714,324	30,861	30,400	85	75	26 599	7 503,302	37 620,849	5,014	4,553
36	26	97 493	57 041,878	1 730 753,747	30,342	29,881	86	76	23 073	6 412,434	30 117,547	4,697	4,236
37	27	97 378	56 132,629	1 673 711,869	29,817	29,356	87	77	19 663	5 383,956	23 705,113	4,403	3,942
38	28	97 256	55 234,201	1 617 579,240	29,286	28,825	88	78	16 385	4 420,005	18 321,157	4,145	3,684
39	29	97 126	54 345,224	1 562 345,039	28,749	28,288	89	79	13 450	3 574,833	13 901,152	3,889	3,428
40	30	96 985	53 464,409	1 507 999,814	28,206	27,745	90	80	10 818	2 832,689	10 326,319	3,645	3,185
41	31	96 827	52 588,043	1 454 535,406	27,659	27,198	91	81	8 591	2 216,389	7 493,630	3,381	2,920
42	32	96 651	51 717,053	1 401 947,363	27,108	26,647	92	82	6 580	1 672,463	5 277,241	3,155	2,695
43	33	96 462	50 852,976	1 350 230,310	26,552	26,091	93	83	4 858	1 216,442	3 604,777	2,963	2,503
44	34	96 242	49 987,013	1 299 377,334	25,994	25,534	94	84	3 478	858,173	2 388,335	2,783	2,322
45	35	95 998	49 123,541	1 249 390,321	25,434	24,973	95	85	2 406	584,916	1 530,162	2,616	2,155
46	36	95 726	48 260,338	1 200 266,780	24,871	24,410	96	86	1 602	383,654	945,246	2,464	2,003
47	37	95 417	47 394,054	1 152 006,442	24,307	23,846	97	87	1 025	241,792	561,593	2,323	1,862
48	38	95 072	46 524,695	1 104 612,388	23,742	23,282	98	88	624	145,109	319,800	2,204	1,743
49	39	94 681	45 648,338	1 058 087,693	23,179	22,718	99	89	364	83,470	174,691	2,093	1,632
							100	90	203	45,765	91,221	1,993	1,532

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	44 798,544	1 017 304,444	22,708	22,248
1							51	40	93 843	43 917,042	972 505,900	22,144	21,683
2							52	41	93 326	43 029,598	928 588,858	21,580	21,119
3							53	42	92 758	42 135,677	885 559,260	21,017	20,556
4							54	43	92 138	41 235,764	843 423,583	20,454	19,993
5							55	44	91 451	40 323,421	802 187,819	19,894	19,433
6							56	45	90 718	39 408,833	761 864,398	19,332	18,872
7							57	46	89 920	38 485,089	722 455,565	18,772	18,312
8							58	47	89 066	37 556,025	683 970,476	18,212	17,751
9							59	48	88 125	36 610,183	646 414,452	17,657	17,196
10							60	49	87 117	35 656,788	609 804,269	17,102	16,641
11	0	99 451	84 427,433	3 496 140,275	41,410	40,949	61	50	86 013	34 684,640	574 147,481	16,553	16,093
12	1	99 123	82 905,533	3 411 712,841	41,152	40,691	62	51	84 848	33 708,947	539 462,841	16,004	15,543
13	2	99 085	81 648,565	3 328 807,309	40,770	40,309	63	52	83 596	32 720,787	505 753,894	15,457	14,996
14	3	99 060	80 421,925	3 247 158,744	40,377	39,916	64	53	82 269	31 725,686	473 033,107	14,910	14,449
15	4	99 030	79 208,998	3 166 736,819	39,980	39,519	65	54	80 840	30 713,959	441 307,420	14,368	13,908
16	5	98 998	78 013,484	3 087 527,821	39,577	39,116	66	55	79 327	29 693,505	410 593,462	13,828	13,367
17	6	98 960	76 830,833	3 009 514,337	39,171	38,710	67	56	77 724	28 663,510	380 899,957	13,289	12,828
18	7	98 918	75 663,489	2 932 683,504	38,760	38,299	68	57	76 033	27 625,627	352 236,447	12,750	12,290
19	8	98 855	74 497,658	2 857 020,015	38,350	37,890	69	58	74 231	26 572,382	324 610,820	12,216	11,755
20	9	98 795	73 352,127	2 782 522,357	37,934	37,473	70	59	72 296	25 496,967	298 038,438	11,689	11,228
21	10	98 729	72 220,348	2 709 170,230	37,513	37,052	71	60	70 253	24 410,405	272 541,471	11,165	10,704
22	11	98 666	71 107,198	2 636 949,882	37,084	36,623	72	61	68 064	23 300,264	248 131,066	10,649	10,188
23	12	98 602	70 011,375	2 565 842,684	36,649	36,188	73	62	65 708	22 161,392	224 830,802	10,145	9,684
24	13	98 541	68 933,450	2 495 831,309	36,206	35,746	74	63	63 202	21 001,319	202 669,410	9,650	9,190
25	14	98 474	67 868,925	2 426 897,859	35,759	35,298	75	64	60 515	19 811,113	181 668,091	9,170	8,709
26	15	98 404	66 818,035	2 359 028,934	35,305	34,844	76	65	57 693	18 608,210	161 856,978	8,698	8,237
27	16	98 330	65 781,453	2 292 210,899	34,846	34,385	77	66	54 718	17 387,902	143 248,768	8,238	7,778
28	17	98 252	64 757,882	2 226 429,446	34,381	33,920	78	67	51 571	16 145,752	125 860,866	7,795	7,334
29	18	98 174	63 750,139	2 161 671,565	33,908	33,448	79	68	48 263	14 886,653	109 715,114	7,370	6,909
30	19	98 089	62 753,900	2 097 921,425	33,431	32,970	80	69	44 895	13 643,139	94 828,461	6,951	6,490
31	20	98 003	61 772,144	2 035 167,525	32,946	32,486	81	70	41 387	12 391,371	81 185,322	6,552	6,091
32	21	97 910	60 801,314	1 973 395,381	32,456	31,996	82	71	37 832	11 159,333	68 793,952	6,165	5,704
33	22	97 816	59 845,113	1 912 594,067	31,959	31,498	83	72	34 253	9 954,501	57 634,619	5,790	5,329
34	23	97 722	58 904,344	1 852 748,953	31,454	30,993	84	73	30 678	8 783,757	47 680,118	5,428	4,967
35	24	97 621	57 973,757	1 793 844,610	30,942	30,482	85	74	27 123	7 651,153	38 896,361	5,084	4,623
36	25	97 514	57 054,592	1 735 870,852	30,425	29,964	86	75	23 599	6 558,566	31 245,207	4,764	4,303
37	26	97 404	56 147,630	1 678 816,260	29,900	29,439	87	76	20 174	5 523,976	24 686,641	4,469	4,008
38	27	97 281	55 248,462	1 622 668,631	29,370	28,910	88	77	16 873	4 551,799	19 162,665	4,210	3,749
39	28	97 152	54 359,343	1 567 420,168	28,834	28,374	89	78	13 913	3 697,815	14 610,866	3,951	3,490
40	29	97 012	53 479,242	1 513 060,825	28,292	27,832	90	79	11 240	2 943,209	10 913,051	3,708	3,247
41	30	96 853	52 602,479	1 459 581,583	27,747	27,287	91	80	8 981	2 316,879	7 969,842	3,440	2,979
42	31	96 683	51 733,920	1 406 979,104	27,196	26,736	92	81	6 923	1 759,554	5 652,963	3,213	2,752
43	32	96 495	50 870,595	1 355 245,185	26,641	26,180	93	82	5 151	1 289,790	3 893,409	3,019	2,558
44	33	96 276	50 005,104	1 304 374,590	26,085	25,624	94	83	3 720	917,792	2 603,619	2,837	2,376
45	34	96 037	49 143,484	1 254 369,485	25,525	25,064	95	84	2 599	631,649	1 685,827	2,669	2,208
46	35	95 766	48 280,913	1 205 226,001	24,963	24,502	96	85	1 751	419,429	1 054,178	2,513	2,053
47	36	95 462	47 416,165	1 156 945,088	24,400	23,939	97	86	1 134	267,661	634,749	2,371	1,911
48	37	95 122	46 549,212	1 109 528,923	23,836	23,375	98	87	705	163,902	367,088	2,240	1,779
49	38	94 736	45 675,267	1 062 979,711	23,273	22,812	99	88	417	95,445	203,186	2,129	1,668
							100	89	236	53,200	107,741	2,025	1,564

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	44 824,971	1 021 759,537	22,794	22,334
1							51	39	93 909	43 947,949	976 934,565	22,229	21,769
2							52	40	93 392	43 060,291	932 986,616	21,667	21,206
3							53	41	92 835	42 170,720	889 926,325	21,103	20,642
4							54	42	92 226	41 274,808	847 755,605	20,539	20,079
5							55	43	91 548	40 366,029	806 480,797	19,979	19,518
6							56	44	90 820	39 453,448	766 114,768	19,418	18,957
7							57	45	90 042	38 537,213	726 661,320	18,856	18,395
8							58	46	89 204	37 614,361	688 124,108	18,294	17,833
9							59	47	88 278	36 673,827	650 509,746	17,738	17,277
10							60	48	87 279	35 722,981	613 835,919	17,183	16,722
11							61	49	86 194	34 757,354	578 112,938	16,633	16,172
12	0	99 442	83 171,650	3 416 895,160	41,082	40,622	62	50	85 046	33 787,891	543 355,583	16,081	15,621
13	1	99 113	81 671,786	3 333 723,511	40,819	40,358	63	51	83 805	32 802,492	509 567,692	15,534	15,074
14	2	99 076	80 434,893	3 252 051,724	40,431	39,970	64	52	82 498	31 813,837	476 765,201	14,986	14,525
15	3	99 044	79 220,357	3 171 616,831	40,035	39,575	65	53	81 087	30 807,589	444 951,363	14,443	13,982
16	4	99 010	78 022,834	3 092 396,474	39,635	39,174	66	54	79 580	29 788,415	414 143,775	13,903	13,442
17	5	98 969	76 837,784	3 014 373,640	39,230	38,770	67	55	78 004	28 767,000	384 355,360	13,361	12,900
18	6	98 926	75 669,556	2 937 535,856	38,821	38,360	68	56	76 323	27 730,807	355 588,360	12,823	12,362
19	7	98 863	74 503,882	2 861 866,300	38,412	37,952	69	57	74 539	26 682,482	327 857,553	12,287	11,827
20	8	98 801	73 356,683	2 787 362,418	37,997	37,537	70	58	72 627	25 613,756	301 175,071	11,758	11,298
21	9	98 736	72 224,933	2 714 005,734	37,577	37,116	71	59	70 590	24 527,607	275 561,315	11,235	10,774
22	10	98 674	71 112,927	2 641 780,802	37,149	36,688	72	60	68 438	23 428,368	251 033,708	10,715	10,254
23	11	98 610	70 016,935	2 570 667,874	36,715	36,254	73	61	66 084	22 288,110	227 605,340	10,212	9,751
24	12	98 548	68 938,735	2 500 650,939	36,274	35,813	74	62	63 602	21 133,930	205 317,230	9,715	9,254
25	13	98 484	67 875,602	2 431 712,204	35,826	35,365	75	63	60 921	19 944,113	184 183,300	9,235	8,774
26	14	98 416	66 826,307	2 363 836,602	35,373	34,912	76	64	58 111	18 743,082	164 239,187	8,763	8,302
27	15	98 343	65 790,372	2 297 010,295	34,914	34,453	77	65	55 145	17 523,577	145 496,106	8,303	7,842
28	16	98 268	64 768,294	2 231 219,923	34,449	33,988	78	66	51 999	16 279,566	127 972,529	7,861	7,400
29	17	98 191	63 761,332	2 166 451,629	33,978	33,517	79	67	48 702	15 022,148	111 692,963	7,435	6,974
30	18	98 111	62 767,611	2 102 690,297	33,500	33,039	80	68	45 339	13 778,097	96 670,815	7,016	6,555
31	19	98 024	61 785,432	2 039 922,686	33,016	32,555	81	69	41 846	12 528,782	82 892,718	6,616	6,155
32	20	97 930	60 814,145	1 978 137,254	32,528	32,067	82	70	38 289	11 294,279	70 363,936	6,230	5,769
33	21	97 837	59 858,052	1 917 323,110	32,031	31,570	83	71	34 716	10 089,120	59 069,657	5,855	5,394
34	22	97 745	58 917,883	1 857 465,058	31,526	31,066	84	72	31 160	8 921,824	48 980,537	5,490	5,029
35	23	97 643	57 986,947	1 798 547,175	31,016	30,556	85	73	27 602	7 786,129	40 058,713	5,145	4,684
36	24	97 536	57 067,567	1 740 560,229	30,500	30,039	86	74	24 064	6 687,802	32 272,584	4,826	4,365
37	25	97 425	56 160,144	1 683 492,662	29,977	29,516	87	75	20 634	5 649,861	25 584,782	4,528	4,068
38	26	97 307	55 263,226	1 627 332,517	29,447	28,986	88	76	17 312	4 670,177	19 934,921	4,269	3,808
39	27	97 177	54 373,379	1 572 069,291	28,912	28,452	89	77	14 328	3 808,075	15 264,743	4,009	3,548
40	28	97 038	53 493,136	1 517 695,912	28,372	27,911	90	78	11 627	3 044,462	11 456,668	3,763	3,302
41	29	96 880	52 617,073	1 464 202,777	27,828	27,367	91	79	9 331	2 407,274	8 412,206	3,494	3,034
42	30	96 709	51 748,121	1 411 585,704	27,278	26,817	92	80	7 237	1 839,332	6 004,932	3,265	2,804
43	31	96 527	50 887,185	1 359 837,582	26,723	26,262	93	81	5 419	1 356,953	4 165,601	3,070	2,609
44	32	96 310	50 022,429	1 308 950,397	26,167	25,706	94	82	3 944	973,132	2 808,647	2,886	2,425
45	33	96 072	49 161,270	1 258 927,967	25,608	25,147	95	83	2 779	675,531	1 835,516	2,717	2,256
46	34	95 805	48 300,514	1 209 766,697	25,047	24,586	96	84	1 891	452,940	1 159,985	2,561	2,100
47	35	95 503	47 436,380	1 161 466,183	24,485	24,024	97	85	1 240	292,621	707,045	2,416	1,955
48	36	95 167	46 570,929	1 114 029,803	23,921	23,460	98	86	781	181,438	414,424	2,284	1,823
49	37	94 786	45 699,337	1 067 458,873	23,358	22,898	99	87	471	107,806	232,986	2,161	1,700
							100	88	270	60,833	125,180	2,058	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 1,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	44 848,593	1 025 837,893	22,873	22,413
1							51	38	93 964	43 973,875	980 989,300	22,308	21,848
2							52	39	93 458	43 090,595	937 015,425	21,745	21,284
3							53	40	92 901	42 200,801	893 924,830	21,183	20,722
4							54	41	92 302	41 309,135	851 724,029	20,618	20,158
5							55	42	91 635	40 404,250	810 414,894	20,058	19,597
6							56	43	90 916	39 495,137	770 010,645	19,496	19,036
7							57	44	90 144	38 580,841	730 515,508	18,935	18,474
8							58	45	89 325	37 665,306	691 934,667	18,371	17,910
9							59	46	88 415	36 730,794	654 269,361	17,813	17,352
10							60	47	87 431	35 785,083	617 538,567	17,257	16,796
11							61	48	86 354	34 821,878	581 753,484	16,707	16,246
12							62	49	85 225	33 858,726	546 931,606	16,153	15,693
13	0	99 431	81 933,944	3 338 494,066	40,746	40,285	63	50	84 001	32 879,313	513 072,880	15,605	15,144
14	1	99 104	80 457,769	3 256 560,122	40,475	40,015	64	51	82 704	31 893,277	480 193,567	15,056	14,595
15	2	99 060	79 233,131	3 176 102,353	40,086	39,625	65	52	81 312	30 893,189	448 300,291	14,511	14,051
16	3	99 024	78 034,023	3 096 869,222	39,686	39,225	66	53	79 823	29 879,224	417 407,102	13,970	13,509
17	4	98 980	76 846,994	3 018 835,198	39,284	38,823	67	54	78 254	28 858,949	387 527,879	13,428	12,968
18	5	98 935	75 676,402	2 941 988,205	38,876	38,415	68	55	76 598	27 830,930	358 668,930	12,887	12,427
19	6	98 871	74 509,856	2 866 311,803	38,469	38,008	69	56	74 823	26 784,071	330 838,000	12,352	11,891
20	7	98 809	73 362,812	2 791 801,947	38,055	37,594	70	57	72 928	25 719,884	304 053,929	11,822	11,361
21	8	98 742	72 229,419	2 718 439,134	37,636	37,175	71	58	70 914	24 639,956	278 334,045	11,296	10,835
22	9	98 680	71 117,442	2 646 209,715	37,209	36,748	72	59	68 767	23 540,854	253 694,089	10,777	10,316
23	10	98 618	70 022,576	2 575 092,273	36,775	36,314	73	60	66 447	22 410,649	230 153,235	10,270	9,809
24	11	98 556	68 944,210	2 505 069,697	36,335	35,874	74	61	63 965	21 254,773	207 742,586	9,774	9,313
25	12	98 491	67 880,806	2 436 125,487	35,888	35,427	75	62	61 306	20 070,048	186 487,813	9,292	8,831
26	13	98 425	66 832,882	2 368 244,681	35,435	34,975	76	63	58 501	18 868,912	166 417,765	8,820	8,359
27	14	98 356	65 798,517	2 301 411,799	34,977	34,516	77	64	55 545	17 650,587	147 548,853	8,359	7,899
28	15	98 281	64 777,075	2 235 613,282	34,512	34,052	78	65	52 405	16 406,593	129 898,266	7,917	7,457
29	16	98 207	63 771,584	2 170 836,207	34,041	33,580	79	66	49 106	15 146,649	113 491,673	7,493	7,032
30	17	98 128	62 778,631	2 107 064,623	33,563	33,103	80	67	45 752	13 903,502	98 345,024	7,073	6,613
31	18	98 046	61 798,931	2 044 285,992	33,080	32,619	81	68	42 260	12 652,717	84 441,522	6,674	6,213
32	19	97 952	60 827,226	1 982 487,061	32,592	32,131	82	69	38 714	11 419,525	71 788,805	6,286	5,826
33	20	97 857	59 870,684	1 921 659,835	32,097	31,636	83	70	35 136	10 211,124	60 369,280	5,912	5,451
34	21	97 766	58 930,620	1 861 789,151	31,593	31,132	84	71	31 582	9 042,478	50 158,156	5,547	5,086
35	22	97 666	58 000,275	1 802 858,531	31,084	30,623	85	72	28 036	7 908,515	41 115,678	5,199	4,738
36	23	97 559	57 080,550	1 744 858,256	30,568	30,108	86	73	24 488	6 805,783	33 207,164	4,879	4,418
37	24	97 447	56 172,916	1 687 777,706	30,046	29,585	87	74	21 041	5 761,191	26 401,381	4,583	4,122
38	25	97 329	55 275,544	1 631 604,790	29,518	29,057	88	75	17 706	4 776,606	20 640,190	4,321	3,860
39	26	97 203	54 387,909	1 576 329,246	28,983	28,522	89	76	14 701	3 907,112	15 863,584	4,060	3,599
40	27	97 063	53 506,948	1 521 941,337	28,444	27,983	90	77	11 973	3 135,240	11 956,472	3,814	3,353
41	28	96 905	52 630,743	1 468 434,390	27,901	27,440	91	78	9 652	2 490,090	8 821,232	3,543	3,082
42	29	96 736	51 762,478	1 415 803,647	27,352	26,891	92	79	7 519	1 911,094	6 331,143	3,313	2,852
43	30	96 553	50 901,155	1 364 041,169	26,798	26,337	93	80	5 665	1 418,477	4 420,048	3,116	2,655
44	31	96 341	50 038,743	1 313 140,014	26,242	25,782	94	81	4 150	1 023,806	3 001,571	2,932	2,471
45	32	96 105	49 178,303	1 263 101,271	25,684	25,223	95	82	2 947	716,263	1 977,765	2,761	2,300
46	33	95 840	48 317,996	1 213 922,968	25,124	24,663	96	83	2 023	484,407	1 261,502	2,604	2,143
47	34	95 541	47 455,639	1 165 604,972	24,562	24,101	97	84	1 339	316,000	777,095	2,459	1,998
48	35	95 207	46 590,784	1 118 149,333	23,999	23,539	98	85	853	198,357	461,095	2,325	1,864
49	36	94 831	45 720,657	1 071 558,549	23,437	22,976	99	86	521	119,340	262,738	2,202	1,741
							100	87	305	68,711	143,398	2,087	1,626

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	44 869,516	1 029 570,461	22,946	22,485
1							51	37	94 014	43 997,048	984 700,945	22,381	21,920
2							52	38	93 513	43 116,015	940 703,897	21,818	21,357
3							53	39	92 966	42 230,500	897 587,882	21,254	20,794
4							54	40	92 368	41 338,600	855 357,382	20,691	20,231
5							55	41	91 711	40 437,853	814 018,782	20,130	19,669
6							56	42	91 002	39 532,532	773 580,929	19,568	19,107
7							57	43	90 239	38 621,608	734 048,397	19,006	18,545
8							58	44	89 426	37 707,947	695 426,789	18,442	17,982
9							59	45	88 535	36 780,542	657 718,842	17,882	17,421
10							60	46	87 567	35 840,669	620 938,300	17,325	16,864
11							61	47	86 504	34 882,414	585 097,631	16,773	16,313
12							62	48	85 383	33 921,582	550 215,218	16,220	15,759
13							63	49	84 177	32 948,243	516 293,636	15,670	15,209
14	0	99 422	80 716,030	3 260 953,125	40,400	39,940	64	50	82 898	31 967,969	483 345,393	15,120	14,659
15	1	99 088	79 255,666	3 180 237,096	40,126	39,666	65	51	81 515	30 970,329	451 377,425	14,575	14,114
16	2	99 040	78 046,606	3 100 981,430	39,732	39,272	66	52	80 045	29 962,244	420 407,095	14,031	13,570
17	3	98 995	76 858,014	3 022 934,824	39,331	38,871	67	53	78 492	28 946,924	390 444,851	13,488	13,028
18	4	98 947	75 685,473	2 946 076,810	38,925	38,464	68	54	76 843	27 919,887	361 497,927	12,948	12,487
19	5	98 880	74 516,597	2 870 391,338	38,520	38,059	69	55	75 093	26 880,775	333 578,041	12,410	11,949
20	6	98 817	73 368,695	2 795 874,741	38,107	37,646	70	56	73 205	25 817,808	306 697,265	11,879	11,418
21	7	98 750	72 235,454	2 722 506,046	37,689	37,229	71	57	71 207	24 742,049	280 879,457	11,352	10,892
22	8	98 686	71 121,859	2 650 270,592	37,264	36,803	72	58	69 082	23 648,684	256 137,409	10,831	10,370
23	9	98 624	70 027,022	2 579 148,733	36,831	36,370	73	59	66 766	22 518,249	232 488,725	10,324	9,864
24	10	98 564	68 949,765	2 509 121,711	36,391	35,930	74	60	64 317	21 371,630	209 970,476	9,825	9,364
25	11	98 499	67 886,197	2 440 171,946	35,945	35,484	75	61	61 656	20 184,808	188 598,845	9,344	8,883
26	12	98 433	66 838,005	2 372 285,749	35,493	35,032	76	62	58 871	18 988,057	168 414,037	8,869	8,409
27	13	98 365	65 804,991	2 305 447,743	35,035	34,574	77	63	55 918	17 769,083	149 425,980	8,409	7,949
28	14	98 293	64 785,095	2 239 642,753	34,570	34,110	78	64	52 784	16 525,507	131 656,897	7,967	7,506
29	15	98 220	63 780,230	2 174 857,658	34,099	33,638	79	65	49 489	15 264,836	115 131,390	7,542	7,081
30	16	98 144	62 788,725	2 111 077,428	33,622	33,161	80	66	46 131	14 018,732	99 866,553	7,124	6,663
31	17	98 063	61 809,781	2 048 288,702	33,139	32,678	81	67	42 645	12 767,879	85 847,821	6,724	6,263
32	18	97 973	60 840,516	1 986 478,922	32,651	32,190	82	68	39 097	11 532,487	73 079,942	6,337	5,876
33	19	97 878	59 883,562	1 925 638,406	32,156	31,696	83	69	35 526	10 324,358	61 547,455	5,961	5,501
34	20	97 786	58 943,057	1 865 754,844	31,654	31,193	84	70	31 964	9 151,826	51 223,096	5,597	5,136
35	21	97 687	58 012,814	1 806 811,787	31,145	30,684	85	71	28 415	8 015,465	42 071,271	5,249	4,788
36	22	97 581	57 093,670	1 748 798,973	30,630	30,170	86	72	24 873	6 912,759	34 055,806	4,927	4,466
37	23	97 470	56 185,695	1 691 705,303	30,109	29,648	87	73	21 412	5 862,825	27 143,047	4,630	4,169
38	24	97 351	55 288,114	1 635 519,608	29,582	29,121	88	74	18 055	4 870,728	21 280,222	4,369	3,908
39	25	97 224	54 400,032	1 580 231,494	29,048	28,588	89	75	15 036	3 996,150	16 409,494	4,106	3,646
40	26	97 089	53 521,246	1 525 831,462	28,509	28,048	90	76	12 285	3 216,778	12 413,343	3,859	3,398
41	27	96 930	52 644,332	1 472 310,216	27,967	27,506	91	77	9 940	2 564,338	9 196,565	3,586	3,126
42	28	96 761	51 775,926	1 419 665,884	27,419	26,959	92	78	7 778	1 976,840	6 632,227	3,355	2,894
43	29	96 580	50 915,277	1 367 889,958	26,866	26,405	93	79	5 886	1 473,820	4 655,387	3,159	2,698
44	30	96 368	50 052,480	1 316 974,681	26,312	25,851	94	80	4 338	1 070,225	3 181,566	2,973	2,512
45	31	96 136	49 194,341	1 266 922,201	25,753	25,293	95	81	3 100	753,561	2 111,342	2,802	2,341
46	32	95 873	48 334,736	1 217 727,860	25,194	24,733	96	82	2 145	513,615	1 357,781	2,644	2,183
47	33	95 576	47 472,814	1 169 393,124	24,633	24,172	97	83	1 432	337,953	844,166	2,498	2,037
48	34	95 246	46 609,699	1 121 920,310	24,071	23,610	98	84	922	214,205	506,213	2,363	1,902
49	35	94 871	45 740,149	1 075 310,611	23,509	23,048	99	85	570	130,468	292,007	2,238	1,777
							100	86	337	76,063	161,539	2,124	1,663

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	44 888,646	1 032 986,624	23,012	22,551
1							51	36	94 058	44 017,574	988 097,978	22,448	21,987
2							52	37	93 562	43 138,736	944 080,404	21,885	21,424
3							53	38	93 021	42 255,412	900 941,668	21,321	20,861
4							54	39	92 433	41 367,693	858 686,256	20,757	20,297
5							55	40	91 776	40 466,697	817 318,563	20,197	19,737
6							56	41	91 078	39 565,410	776 851,866	19,635	19,174
7							57	42	90 325	38 658,176	737 286,456	19,072	18,611
8							58	43	89 520	37 747,792	698 628,279	18,508	18,047
9							59	44	88 635	36 822,181	660 880,488	17,948	17,487
10							60	45	87 685	35 889,211	624 058,306	17,388	16,928
11							61	46	86 638	34 936,597	588 169,095	16,835	16,375
12							62	47	85 531	33 980,552	553 232,498	16,281	15,820
13							63	48	84 333	33 009,408	519 251,946	15,730	15,270
14							64	49	83 071	32 034,988	486 242,538	15,178	14,718
15	0	99 406	79 510,067	3 184 284,208	40,049	39,588	65	50	81 706	31 042,860	454 207,550	14,632	14,171
16	1	99 068	78 068,803	3 104 774,141	39,770	39,309	66	51	80 245	30 037,060	423 164,690	14,088	13,627
17	2	99 011	76 870,407	3 026 705,337	39,374	38,913	67	52	78 710	29 027,354	393 127,630	13,543	13,083
18	3	98 961	75 696,326	2 949 834,931	38,969	38,509	68	53	77 077	28 004,999	364 100,276	13,001	12,540
19	4	98 892	74 525,529	2 874 138,604	38,566	38,105	69	54	75 333	26 966,695	336 095,277	12,463	12,003
20	5	98 826	73 375,332	2 799 613,075	38,155	37,694	70	55	73 470	25 911,024	309 128,582	11,930	11,470
21	6	98 758	72 241,246	2 726 237,743	37,738	37,277	71	56	71 478	24 836,250	283 217,558	11,403	10,943
22	7	98 694	71 127,802	2 653 996,497	37,313	36,852	72	57	69 368	23 746,669	258 381,308	10,881	10,420
23	8	98 631	70 031,372	2 582 868,695	36,882	36,421	73	58	67 072	22 621,395	234 634,639	10,372	9,911
24	9	98 570	68 954,142	2 512 837,324	36,442	35,981	74	59	64 626	21 474,242	212 013,244	9,873	9,412
25	10	98 507	67 891,667	2 443 883,181	35,997	35,536	75	60	61 995	20 295,783	190 539,002	9,388	8,927
26	11	98 441	66 843,314	2 375 991,515	35,546	35,085	76	61	59 207	19 096,631	170 243,219	8,915	8,454
27	12	98 373	65 810,035	2 309 148,201	35,088	34,627	77	62	56 271	17 881,284	151 146,589	8,453	7,992
28	13	98 303	64 791,469	2 243 338,166	34,624	34,163	78	63	53 139	16 636,450	133 265,305	8,010	7,550
29	14	98 232	63 788,127	2 178 546,697	34,153	33,692	79	64	49 848	15 375,475	116 628,855	7,585	7,125
30	15	98 157	62 797,238	2 114 758,570	33,676	33,215	80	65	46 491	14 128,118	101 253,380	7,167	6,706
31	16	98 079	61 819,719	2 051 961,332	33,193	32,732	81	66	42 998	12 873,697	87 125,261	6,768	6,307
32	17	97 990	60 851,198	1 990 141,613	32,705	32,244	82	67	39 452	11 637,453	74 251,564	6,380	5,920
33	18	97 900	59 896,646	1 929 290,415	32,210	31,750	83	68	35 877	10 426,487	62 614,111	6,005	5,544
34	19	97 807	58 955,735	1 869 393,770	31,708	31,248	84	69	32 318	9 253,313	52 187,624	5,640	5,179
35	20	97 707	58 025,057	1 810 438,034	31,201	30,740	85	70	28 758	8 112,393	42 934,311	5,292	4,832
36	21	97 602	57 106,013	1 752 412,978	30,687	30,226	86	71	25 210	7 006,243	34 821,917	4,970	4,509
37	22	97 492	56 198,609	1 695 306,964	30,166	29,706	87	72	21 748	5 954,979	27 815,674	4,671	4,210
38	23	97 373	55 300,692	1 639 108,355	29,640	29,179	88	73	18 374	4 956,654	21 860,695	4,410	3,950
39	24	97 246	54 412,402	1 583 807,663	29,107	28,647	89	74	15 332	4 074,894	16 904,041	4,148	3,688
40	25	97 110	53 533,176	1 529 395,260	28,569	28,108	90	75	12 565	3 290,085	12 829,147	3,899	3,439
41	26	96 956	52 658,400	1 475 862,085	28,027	27,566	91	76	10 198	2 631,029	9 539,062	3,626	3,165
42	27	96 786	51 789,295	1 423 203,684	27,481	27,020	92	77	8 010	2 035,785	6 908,033	3,393	2,933
43	28	96 605	50 928,505	1 371 414,390	26,928	26,467	93	78	6 088	1 524,523	4 872,248	3,196	2,735
44	29	96 394	50 066,366	1 320 485,885	26,375	25,914	94	79	4 507	1 111,980	3 347,725	3,011	2,550
45	30	96 163	49 207,846	1 270 419,519	25,817	25,357	95	80	3 241	787,727	2 235,745	2,838	2,377
46	31	95 904	48 350,499	1 221 211,673	25,257	24,797	96	81	2 256	540,361	1 448,018	2,680	2,219
47	32	95 609	47 489,261	1 172 861,173	24,697	24,237	97	82	1 519	358,331	907,657	2,533	2,072
48	33	95 280	46 626,568	1 125 371,912	24,136	23,675	98	83	986	229,087	549,327	2,398	1,937
49	34	94 910	45 758,719	1 078 745,343	23,575	23,114	99	84	615	140,892	320,240	2,273	1,812
							100	85	369	83,155	179,348	2,157	1,696



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	44 906,870	1 036 114,205	23,073	22,612
1							51	35	94 098	44 036,340	991 207,335	22,509	22,048
2							52	36	93 606	43 158,862	947 170,995	21,946	21,485
3							53	37	93 070	42 277,680	904 012,133	21,383	20,922
4							54	38	92 488	41 392,096	861 734,453	20,819	20,358
5							55	39	91 841	40 495,176	820 342,357	20,258	19,797
6							56	40	91 143	39 593,633	779 847,181	19,696	19,235
7							57	41	90 400	38 690,327	740 253,548	19,133	18,672
8							58	42	89 605	37 783,533	701 563,221	18,568	18,107
9							59	43	88 729	36 861,090	663 779,688	18,008	17,547
10							60	44	87 784	35 929,842	626 918,599	17,448	16,988
11							61	45	86 755	34 983,915	590 988,757	16,893	16,432
12							62	46	85 664	34 033,335	556 004,842	16,337	15,876
13							63	47	84 480	33 066,793	521 971,507	15,785	15,325
14							64	48	83 226	32 094,458	488 904,714	15,233	14,773
15							65	49	81 877	31 107,940	456 810,256	14,685	14,224
16	0	99 386	78 319,395	3 108 504,548	39,690	39,229	66	50	80 433	30 107,405	425 702,317	14,139	13,679
17	1	99 039	76 892,270	3 030 185,153	39,408	38,947	67	51	78 907	29 099,836	395 594,912	13,594	13,134
18	2	98 977	75 708,532	2 953 292,883	39,009	38,548	68	52	77 291	28 082,812	366 495,076	13,051	12,590
19	3	98 906	74 536,216	2 877 584,351	38,607	38,146	69	53	75 563	27 048,902	338 412,264	12,511	12,050
20	4	98 838	73 384,127	2 803 048,135	38,197	37,736	70	54	73 704	25 993,844	311 363,363	11,978	11,518
21	5	98 767	72 247,781	2 729 664,008	37,782	37,321	71	55	71 737	24 925,922	285 369,518	11,449	10,988
22	6	98 702	71 133,505	2 657 416,226	37,358	36,897	72	56	69 632	23 837,081	260 443,596	10,926	10,465
23	7	98 639	70 037,223	2 586 282,721	36,927	36,466	73	57	67 350	22 715,123	236 606,516	10,416	9,955
24	8	98 576	68 958,425	2 516 245,498	36,489	36,029	74	58	64 922	21 572,605	213 891,392	9,915	9,454
25	9	98 513	67 895,977	2 447 287,073	36,045	35,584	75	59	62 293	20 393,229	192 318,787	9,431	8,970
26	10	98 449	66 848,699	2 379 391,096	35,594	35,133	76	60	59 533	19 201,623	171 925,558	8,954	8,493
27	11	98 381	65 815,262	2 312 542,397	35,137	34,676	77	61	56 593	17 983,529	152 723,935	8,492	8,032
28	12	98 311	64 796,436	2 246 727,135	34,674	34,213	78	62	53 474	16 741,499	134 740,406	8,048	7,587
29	13	98 242	63 794,402	2 181 930,699	34,203	33,742	79	63	50 182	15 478,697	117 998,908	7,623	7,163
30	14	98 169	62 805,013	2 118 136,297	33,726	33,265	80	64	46 828	14 230,519	102 520,210	7,204	6,743
31	15	98 092	61 828,101	2 055 331,284	33,243	32,782	81	65	43 334	12 974,149	88 289,692	6,805	6,344
32	16	98 006	60 860,982	1 993 503,183	32,755	32,294	82	66	39 779	11 733,903	75 315,543	6,419	5,958
33	17	97 917	59 907,161	1 932 642,201	32,261	31,800	83	67	36 204	10 521,386	63 581,640	6,043	5,582
34	18	97 829	58 968,616	1 872 735,040	31,758	31,297	84	68	32 638	9 344,847	53 060,254	5,678	5,217
35	19	97 728	58 037,538	1 813 766,423	31,252	30,791	85	69	29 077	8 202,354	43 715,407	5,330	4,869
36	20	97 623	57 118,064	1 755 728,885	30,739	30,278	86	70	25 514	7 090,968	35 513,053	5,008	4,547
37	21	97 513	56 210,759	1 698 610,821	30,219	29,758	87	71	22 042	6 035,511	28 422,085	4,709	4,248
38	22	97 396	55 313,403	1 642 400,062	29,693	29,232	88	72	18 663	5 034,564	22 386,574	4,447	3,986
39	23	97 269	54 424,782	1 587 086,659	29,161	28,700	89	73	15 602	4 146,780	17 352,010	4,184	3,724
40	24	97 132	53 545,349	1 532 661,877	28,624	28,163	90	74	12 812	3 354,916	13 205,230	3,936	3,475
41	25	96 978	52 670,138	1 479 116,528	28,083	27,622	91	75	10 431	2 690,987	9 850,314	3,660	3,200
42	26	96 812	51 803,134	1 426 446,390	27,536	27,075	92	76	8 218	2 088,730	7 159,327	3,428	2,967
43	27	96 630	50 941,654	1 374 643,256	26,985	26,524	93	77	6 270	1 569,981	5 070,597	3,230	2,769
44	28	96 419	50 079,374	1 323 701,602	26,432	25,971	94	78	4 662	1 150,235	3 500,617	3,043	2,583
45	29	96 189	49 221,498	1 273 622,228	25,875	25,415	95	79	3 367	818,461	2 350,382	2,872	2,411
46	30	95 931	48 363,772	1 224 400,730	25,316	24,856	96	80	2 359	564,860	1 531,921	2,712	2,251
47	31	95 640	47 504,749	1 176 036,957	24,756	24,295	97	81	1 598	376,990	967,061	2,565	2,104
48	32	95 313	46 642,723	1 128 532,208	24,195	23,734	98	82	1 045	242,900	590,070	2,429	1,968
49	33	94 944	45 775,280	1 081 889,485	23,635	23,174	99	83	658	150,680	347,171	2,304	1,843
							100	84	398	89,799	196,491	2,188	1,727

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	44 923,123	1 038 977,547	23,128	22,667
1							51	34	94 136	44 054,218	994 054,425	22,564	22,104
2							52	35	93 646	43 177,262	950 000,206	22,002	21,542
3							53	36	93 114	42 297,404	906 822,944	21,439	20,978
4							54	37	92 536	41 413,909	864 525,540	20,875	20,414
5							55	38	91 895	40 519,064	823 111,631	20,314	19,853
6							56	39	91 207	39 621,497	782 592,567	19,752	19,291
7							57	40	90 464	38 717,925	742 971,070	19,189	18,729
8							58	41	89 680	37 814,956	704 253,145	18,624	18,163
9							59	42	88 813	36 895,991	666 438,189	18,063	17,602
10							60	43	87 877	35 967,807	629 542,197	17,503	17,042
11							61	44	86 854	35 023,521	593 574,390	16,948	16,487
12							62	45	85 780	34 079,429	558 550,869	16,390	15,929
13							63	46	84 611	33 118,156	524 471,440	15,836	15,376
14							64	47	83 370	32 150,252	491 353,284	15,283	14,822
15							65	48	82 029	31 165,688	459 203,032	14,734	14,273
16							66	49	80 601	30 170,524	428 037,343	14,187	13,726
17	0	99 357	77 139,085	3 033 625,593	39,327	38,866	67	50	79 092	29 167,985	397 866,819	13,641	13,180
18	1	99 005	75 730,064	2 956 486,508	39,040	38,579	68	51	77 484	28 152,935	368 698,834	13,096	12,635
19	2	98 922	74 548,235	2 880 756,444	38,643	38,182	69	52	75 772	27 124,058	340 545,899	12,555	12,094
20	3	98 852	73 394,651	2 806 208,209	38,235	37,774	70	53	73 929	26 073,085	313 421,841	12,021	11,560
21	4	98 779	72 256,441	2 732 813,558	37,821	37,360	71	54	71 966	25 005,594	287 348,756	11,491	11,031
22	5	98 711	71 139,940	2 660 557,117	37,399	36,938	72	55	69 883	23 923,145	262 343,162	10,966	10,505
23	6	98 647	70 042,839	2 589 417,177	36,969	36,508	73	56	67 606	22 801,608	238 420,017	10,456	9,995
24	7	98 584	68 964,187	2 519 374,338	36,532	36,071	74	57	65 191	21 661,989	215 618,410	9,954	9,493
25	8	98 519	67 900,194	2 450 410,151	36,088	35,628	75	58	62 578	20 486,641	193 956,421	9,467	9,007
26	9	98 455	66 852,943	2 382 509,957	35,638	35,177	76	59	59 819	19 293,815	173 469,780	8,991	8,530
27	10	98 389	65 820,565	2 315 657,013	35,181	34,721	77	60	56 904	18 082,401	154 175,965	8,526	8,066
28	11	98 318	64 801,582	2 249 836,448	34,719	34,258	78	61	53 780	16 837,226	136 093,564	8,083	7,622
29	12	98 250	63 799,292	2 185 034,866	34,249	33,788	79	62	50 499	15 576,436	119 256,337	7,656	7,195
30	13	98 179	62 811,192	2 121 235,574	33,772	33,311	80	63	47 142	14 326,054	103 679,901	7,237	6,776
31	14	98 104	61 835,756	2 058 424,382	33,289	32,828	81	64	43 648	13 068,185	89 353,848	6,838	6,377
32	15	98 019	60 869,233	1 996 588,626	32,801	32,340	82	65	40 090	11 825,461	76 285,662	6,451	5,990
33	16	97 933	59 916,794	1 935 719,393	32,307	31,846	83	66	36 504	10 608,586	64 460,202	6,076	5,615
34	17	97 846	58 978,969	1 875 802,599	31,805	31,344	84	67	32 935	9 429,901	53 851,615	5,711	5,250
35	18	97 750	58 050,218	1 816 823,630	31,297	30,837	85	68	29 365	8 283,492	44 421,714	5,363	4,902
36	19	97 644	57 130,351	1 758 773,411	30,785	30,324	86	69	25 797	7 169,601	36 138,222	5,040	4,580
37	20	97 534	56 222,622	1 701 643,061	30,266	29,805	87	70	22 309	6 108,497	28 968,621	4,742	4,282
38	21	97 417	55 325,362	1 645 420,439	29,741	29,280	88	71	18 915	5 102,649	22 860,124	4,480	4,019
39	22	97 291	54 437,291	1 590 095,078	29,210	28,749	89	72	15 848	4 211,961	17 757,475	4,216	3,755
40	23	97 154	53 557,531	1 535 657,787	28,673	28,212	90	73	13 038	3 414,100	13 545,514	3,968	3,507
41	24	97 000	52 682,115	1 482 100,255	28,133	27,672	91	74	10 636	2 744,013	10 131,414	3,692	3,231
42	25	96 834	51 814,681	1 429 418,140	27,587	27,126	92	75	8 405	2 136,330	7 387,401	3,458	2,997
43	26	96 656	50 955,267	1 377 603,459	27,036	26,575	93	76	6 433	1 610,811	5 251,072	3,260	2,799
44	27	96 444	50 092,304	1 326 648,192	26,484	26,023	94	77	4 801	1 184,532	3 640,261	3,073	2,612
45	28	96 214	49 234,286	1 276 555,888	25,928	25,467	95	78	3 483	846,618	2 455,729	2,901	2,440
46	29	95 957	48 377,190	1 227 321,602	25,370	24,909	96	79	2 451	586,899	1 609,111	2,742	2,281
47	30	95 667	47 517,790	1 178 944,412	24,811	24,350	97	80	1 670	394,083	1 022,212	2,594	2,133
48	31	95 344	46 657,934	1 131 426,622	24,249	23,789	98	81	1 099	255,548	628,129	2,458	1,997
49	32	94 977	45 791,140	1 084 768,687	23,689	23,229	99	82	698	159,766	372,581	2,332	1,871
							100	83	426	96,038	212,815	2,216	1,755

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	44 938,687	1 041 599,999	23,178	22,717
1							51	33	94 170	44 070,163	996 661,312	22,615	22,155
2							52	34	93 684	43 194,791	952 591,149	22,053	21,593
3							53	35	93 153	42 315,437	909 396,358	21,491	21,030
4							54	36	92 580	41 433,230	867 080,921	20,927	20,466
5							55	37	91 943	40 540,417	825 647,691	20,366	19,905
6							56	38	91 261	39 644,870	785 107,274	19,804	19,343
7							57	39	90 528	38 745,173	745 462,404	19,240	18,779
8							58	40	89 744	37 841,930	706 717,231	18,676	18,215
9							59	41	88 887	36 926,677	668 875,301	18,114	17,653
10							60	42	87 960	36 001,863	631 948,624	17,553	17,092
11							61	43	86 945	35 060,529	595 946,761	16,998	16,537
12							62	44	85 877	34 118,011	560 886,232	16,440	15,979
13							63	45	84 726	33 163,011	526 768,221	15,884	15,423
14							64	46	83 500	32 200,192	493 605,210	15,329	14,868
15							65	47	82 172	31 219,868	461 405,018	14,779	14,318
16							66	48	80 751	30 226,532	430 185,151	14,232	13,771
17							67	49	79 258	29 229,135	399 958,618	13,684	13,223
18	0	99 323	75 973,149	2 959 661,411	38,957	38,496	68	50	77 666	28 218,867	370 729,483	13,138	12,677
19	1	98 950	74 569,437	2 883 688,262	38,671	38,210	69	51	75 962	27 191,787	342 510,616	12,596	12,135
20	2	98 868	73 406,485	2 809 118,825	38,268	37,807	70	52	74 135	26 145,530	315 318,829	12,060	11,599
21	3	98 793	72 266,803	2 735 712,340	37,856	37,395	71	53	72 185	25 081,822	289 173,299	11,529	11,068
22	4	98 723	71 148,467	2 663 445,537	37,435	36,974	72	54	70 107	23 999,611	264 091,477	11,004	10,543
23	5	98 656	70 049,175	2 592 297,069	37,007	36,546	73	55	67 850	22 883,933	240 091,866	10,492	10,031
24	6	98 592	68 969,717	2 522 247,894	36,570	36,110	74	56	65 439	21 744,463	217 207,932	9,989	9,528
25	7	98 528	67 905,867	2 453 278,177	36,128	35,667	75	57	62 838	20 571,525	195 463,469	9,502	9,041
26	8	98 461	66 857,096	2 385 372,310	35,679	35,218	76	58	60 093	19 382,191	174 891,945	9,023	8,563
27	9	98 395	65 824,744	2 318 515,214	35,223	34,762	77	59	57 177	18 169,220	155 509,753	8,559	8,098
28	10	98 326	64 806,803	2 252 690,470	34,760	34,299	78	60	54 076	16 929,796	137 340,533	8,112	7,652
29	11	98 257	63 804,360	2 187 883,667	34,291	33,830	79	61	50 788	15 665,502	120 410,737	7,686	7,226
30	12	98 186	62 816,007	2 124 079,307	33,814	33,354	80	62	47 440	14 416,514	104 745,235	7,266	6,805
31	13	98 114	61 841,839	2 061 263,300	33,331	32,870	81	63	43 941	13 155,917	90 328,721	6,866	6,405
32	14	98 031	60 876,770	1 999 421,461	32,844	32,383	82	64	40 380	11 911,171	77 172,804	6,479	6,018
33	15	97 946	59 924,917	1 938 544,692	32,350	31,889	83	65	36 789	10 691,364	65 261,633	6,104	5,643
34	16	97 862	58 988,453	1 878 619,774	31,847	31,386	84	66	33 208	9 508,055	54 570,269	5,739	5,279
35	17	97 767	58 060,410	1 819 631,322	31,340	30,880	85	67	29 632	8 358,886	45 062,214	5,391	4,930
36	18	97 665	57 142,833	1 761 570,912	30,828	30,367	86	68	26 053	7 240,523	36 703,328	5,069	4,608
37	19	97 555	56 234,715	1 704 428,079	30,309	29,848	87	69	22 556	6 176,236	29 462,805	4,770	4,310
38	20	97 437	55 337,037	1 648 193,364	29,785	29,324	88	70	19 144	5 164,354	23 286,569	4,509	4,048
39	21	97 312	54 449,060	1 592 856,327	29,254	28,793	89	71	16 062	4 268,921	18 122,215	4,245	3,784
40	22	97 177	53 569,841	1 538 407,267	28,718	28,257	90	72	13 243	3 467,765	13 853,294	3,995	3,534
41	23	97 022	52 694,101	1 484 837,425	28,178	27,718	91	73	10 824	2 792,420	10 385,530	3,719	3,258
42	24	96 856	51 826,464	1 432 143,325	27,633	27,173	92	74	8 571	2 178,426	7 593,109	3,486	3,025
43	25	96 678	50 966,625	1 380 316,861	27,083	26,622	93	75	6 579	1 647,520	5 414,684	3,287	2,826
44	26	96 470	50 105,690	1 329 350,236	26,531	26,070	94	76	4 926	1 215,338	3 767,164	3,100	2,639
45	27	96 239	49 246,998	1 279 244,546	25,976	25,515	95	77	3 587	871,862	2 551,826	2,927	2,466
46	28	95 982	48 389,759	1 229 997,548	25,419	24,958	96	78	2 535	607,090	1 679,964	2,767	2,306
47	29	95 693	47 530,973	1 181 607,789	24,860	24,399	97	79	1 735	409,458	1 072,875	2,620	2,159
48	30	95 371	46 670,743	1 134 076,816	24,300	23,839	98	80	1 149	267,135	663,417	2,483	2,023
49	31	95 008	45 806,074	1 087 406,073	23,739	23,279	99	81	734	168,085	396,282	2,358	1,897
							100	82	451	101,828	228,197	2,241	1,780

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	44 953,343	1 044 002,510	23,224	22,763
1							51	32	94 203	44 085,431	999 049,167	22,662	22,201
2							52	33	93 718	43 210,424	954 963,736	22,100	21,640
3							53	34	93 191	42 332,616	911 753,311	21,538	21,077
4							54	35	92 619	41 450,894	869 420,695	20,975	20,514
5							55	36	91 986	40 559,330	827 969,800	20,414	19,953
6							56	37	91 309	39 665,762	787 410,470	19,851	19,390
7							57	38	90 581	38 768,030	747 744,708	19,288	18,827
8							58	39	89 807	37 868,561	708 976,678	18,722	18,261
9							59	40	88 950	36 953,017	671 108,117	18,161	17,700
10							60	41	88 034	36 031,805	634 155,100	17,600	17,139
11							61	42	87 028	35 093,726	598 123,295	17,044	16,583
12							62	43	85 968	34 154,062	563 029,570	16,485	16,024
13							63	44	84 822	33 200,555	528 875,508	15,930	15,469
14							64	45	83 613	32 243,804	495 674,952	15,373	14,912
15							65	46	82 300	31 268,363	463 431,149	14,821	14,360
16							66	47	80 891	30 279,079	432 162,786	14,273	13,812
17							67	48	79 405	29 283,396	401 883,707	13,724	13,263
18							68	49	77 829	28 278,027	372 600,311	13,176	12,716
19	0	99 268	74 808,796	2 886 619,828	38,587	38,126	69	50	76 140	27 255,469	344 322,284	12,633	12,172
20	1	98 896	73 427,363	2 811 811,032	38,294	37,833	70	51	74 320	26 210,816	317 066,816	12,097	11,636
21	2	98 809	72 278,456	2 738 383,669	37,887	37,426	71	52	72 386	25 151,513	290 856,000	11,564	11,103
22	3	98 737	71 158,670	2 666 105,213	37,467	37,006	72	53	70 320	24 072,773	265 704,488	11,038	10,577
23	4	98 667	70 057,572	2 594 946,543	37,040	36,579	73	54	68 067	22 957,078	241 631,715	10,525	10,065
24	5	98 601	68 975,956	2 524 888,971	36,605	36,145	74	55	65 675	21 822,972	218 674,637	10,020	9,560
25	6	98 536	67 911,312	2 455 913,015	36,164	35,703	75	56	63 077	20 649,847	196 851,665	9,533	9,072
26	7	98 469	66 862,682	2 388 001,702	35,715	35,254	76	57	60 342	19 462,499	176 201,817	9,053	8,593
27	8	98 401	65 828,833	2 321 139,021	35,260	34,799	77	58	57 439	18 252,445	156 739,318	8,587	8,127
28	9	98 333	64 810,918	2 255 310,188	34,798	34,338	78	59	54 335	17 011,081	138 486,874	8,141	7,680
29	10	98 265	63 809,500	2 190 499,270	34,329	33,868	79	60	51 067	15 751,630	121 475,972	7,712	7,251
30	11	98 194	62 820,996	2 126 689,770	33,853	33,392	80	61	47 711	14 498,948	105 724,163	7,292	6,831
31	12	98 121	61 846,580	2 063 868,774	33,371	32,910	81	62	44 219	13 238,989	91 225,215	6,891	6,430
32	13	98 041	60 882,759	2 002 022,194	32,883	32,422	82	63	40 651	11 991,136	77 986,226	6,504	6,043
33	14	97 958	59 932,337	1 941 139,435	32,389	31,928	83	64	37 055	10 768,854	65 995,091	6,128	5,668
34	15	97 875	58 996,450	1 881 207,099	31,887	31,426	84	65	33 467	9 582,245	55 226,236	5,763	5,303
35	16	97 783	58 069,746	1 822 210,649	31,380	30,919	85	66	29 878	8 428,164	45 643,991	5,416	4,955
36	17	97 682	57 152,865	1 764 140,903	30,867	30,406	86	67	26 290	7 306,425	37 215,828	5,094	4,633
37	18	97 576	56 247,002	1 706 988,038	30,348	29,887	87	68	22 780	6 237,331	29 909,403	4,795	4,334
38	19	97 458	55 348,940	1 650 741,036	29,824	29,363	88	69	19 356	5 221,623	23 672,072	4,533	4,073
39	20	97 332	54 460,551	1 595 392,096	29,294	28,834	89	70	16 256	4 320,544	18 450,449	4,270	3,810
40	21	97 198	53 581,423	1 540 931,546	28,759	28,298	90	71	13 422	3 514,661	14 129,906	4,020	3,559
41	22	97 044	52 706,212	1 487 350,123	28,220	27,759	91	72	10 994	2 836,313	10 615,245	3,743	3,282
42	23	96 878	51 838,255	1 434 643,910	27,675	27,215	92	73	8 722	2 216,856	7 778,932	3,509	3,048
43	24	96 700	50 978,215	1 382 805,656	27,125	26,665	93	74	6 709	1 679,984	5 562,077	3,311	2,850
44	25	96 492	50 116,858	1 331 827,441	26,574	26,114	94	75	5 038	1 243,034	3 882,093	3,123	2,662
45	26	96 265	49 260,159	1 281 710,583	26,019	25,558	95	76	3 680	894,536	2 639,059	2,950	2,489
46	27	96 007	48 402,253	1 232 450,424	25,463	25,002	96	77	2 611	625,192	1 744,522	2,790	2,330
47	28	95 718	47 543,322	1 184 048,171	24,905	24,444	97	78	1 795	423,544	1 119,331	2,643	2,182
48	29	95 397	46 683,691	1 136 504,849	24,345	23,884	98	79	1 194	277,557	695,786	2,507	2,046
49	30	95 034	45 818,648	1 089 821,158	23,786	23,325	99	80	767	175,706	418,229	2,380	1,919
							100	81	475	107,131	242,523	2,264	1,803

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	44 965,683	1 046 202,597	23,267	22,806
1							51	31	94 233	44 099,809	1 001 236,914	22,704	22,243
2							52	32	93 750	43 225,395	957 137,105	22,143	21,682
3							53	33	93 225	42 347,938	913 911,710	21,581	21,120
4							54	34	92 657	41 467,723	871 563,772	21,018	20,557
5							55	35	92 026	40 576,622	830 096,049	20,457	19,997
6							56	36	91 352	39 684,268	789 519,427	19,895	19,434
7							57	37	90 629	38 788,459	749 835,159	19,331	18,871
8							58	38	89 860	37 890,901	711 046,700	18,766	18,305
9							59	39	89 013	36 979,023	673 155,799	18,204	17,743
10							60	40	88 096	36 057,506	636 176,777	17,643	17,183
11							61	41	87 100	35 122,912	600 119,270	17,086	16,625
12							62	42	86 049	34 186,401	564 996,358	16,527	16,066
13							63	43	84 911	33 235,637	530 809,958	15,971	15,510
14							64	44	83 707	32 280,307	497 574,321	15,414	14,953
15							65	45	82 411	31 310,712	465 294,014	14,861	14,400
16							66	46	81 017	30 326,112	433 983,301	14,311	13,850
17							67	47	79 543	29 334,303	403 657,189	13,761	13,300
18							68	48	77 973	28 330,522	374 322,886	13,213	12,752
19							69	49	76 299	27 312,608	345 992,364	12,668	12,207
20	0	99 213	73 663,056	2 814 519,468	38,208	37,747	70	50	74 494	26 272,200	318 679,755	12,130	11,669
21	1	98 837	72 299,013	2 740 856,412	37,910	37,449	71	51	72 567	25 214,316	292 407,556	11,597	11,136
22	2	98 753	71 170,144	2 668 557,399	37,495	37,035	72	52	70 516	24 139,660	267 193,240	11,069	10,608
23	3	98 682	70 067,618	2 597 387,255	37,070	36,609	73	53	68 275	23 027,061	243 053,580	10,555	10,094
24	4	98 613	68 984,224	2 527 319,637	36,636	36,175	74	54	65 885	21 892,726	220 026,518	10,050	9,589
25	5	98 545	67 917,456	2 458 335,413	36,196	35,735	75	55	63 305	20 724,404	198 133,793	9,560	9,100
26	6	98 477	66 868,043	2 390 417,957	35,748	35,287	76	56	60 571	19 536,599	177 409,388	9,081	8,620
27	7	98 409	65 834,332	2 323 549,913	35,294	34,833	77	57	57 677	18 328,071	157 872,789	8,614	8,153
28	8	98 339	64 814,943	2 257 715,581	34,833	34,372	78	58	54 584	17 089,001	139 544,718	8,166	7,705
29	9	98 272	63 813,552	2 192 900,638	34,364	33,903	79	59	51 312	15 827,258	122 455,717	7,737	7,276
30	10	98 202	62 826,058	2 129 087,086	33,889	33,428	80	60	47 973	14 578,662	106 628,459	7,314	6,853
31	11	98 129	61 851,492	2 066 261,029	33,407	32,946	81	61	44 471	13 314,689	92 049,797	6,913	6,453
32	12	98 049	60 887,426	2 004 409,536	32,920	32,459	82	62	40 908	12 066,852	78 735,108	6,525	6,064
33	13	97 968	59 938,233	1 943 522,111	32,425	31,965	83	63	37 304	10 841,150	66 668,255	6,150	5,689
34	14	97 887	59 003,755	1 883 583,878	31,923	31,462	84	64	33 709	9 651,697	55 827,105	5,784	5,323
35	15	97 796	58 077,619	1 824 580,123	31,416	30,955	85	65	30 111	8 493,927	46 175,409	5,436	4,975
36	16	97 698	57 162,055	1 766 502,504	30,903	30,443	86	66	26 508	7 366,979	37 681,481	5,115	4,654
37	17	97 593	56 256,877	1 709 340,450	30,385	29,924	87	67	22 987	6 294,102	30 314,502	4,816	4,356
38	18	97 480	55 361,033	1 653 083,573	29,860	29,399	88	68	19 548	5 273,275	24 020,400	4,555	4,094
39	19	97 353	54 472,265	1 597 722,540	29,331	28,870	89	69	16 436	4 368,455	18 747,125	4,291	3,831
40	20	97 218	53 592,730	1 543 250,275	28,796	28,335	90	70	13 585	3 557,162	14 378,670	4,042	3,581
41	21	97 065	52 717,607	1 489 657,544	28,257	27,797	91	71	11 143	2 874,669	10 821,507	3,764	3,304
42	22	96 900	51 850,170	1 436 939,938	27,713	27,253	92	72	8 859	2 251,701	7 946,838	3,529	3,068
43	23	96 722	50 989,813	1 385 089,768	27,164	26,703	93	73	6 827	1 709,621	5 695,137	3,331	2,870
44	24	96 514	50 128,255	1 334 099,955	26,614	26,153	94	74	5 138	1 267,528	3 985,516	3,144	2,684
45	25	96 286	49 271,138	1 283 971,700	26,059	25,599	95	75	3 764	914,922	2 717,988	2,971	2,510
46	26	96 033	48 415,188	1 234 700,562	25,502	25,042	96	76	2 679	641,451	1 803,066	2,811	2,350
47	27	95 743	47 555,598	1 186 285,374	24,945	24,484	97	77	1 849	436,173	1 161,615	2,663	2,202
48	28	95 422	46 695,819	1 138 729,777	24,386	23,925	98	78	1 235	287,106	725,442	2,527	2,066
49	29	95 060	45 831,360	1 092 033,957	23,827	23,366	99	79	797	182,561	438,336	2,401	1,940
							100	80	496	111,988	255,775	2,284	1,823

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	44 978,159	1 048 218,416	23,305	22,844
1							51	30	94 259	44 111,915	1 003 240,257	22,743	22,282
2							52	31	93 781	43 239,492	959 128,342	22,182	21,721
3							53	32	93 257	42 362,610	915 888,849	21,620	21,159
4							54	33	92 690	41 482,731	873 526,240	21,058	20,597
5							55	34	92 063	40 593,096	832 043,509	20,497	20,036
6							56	35	91 391	39 701,186	791 450,413	19,935	19,474
7							57	36	90 671	38 806,555	751 749,226	19,372	18,911
8							58	37	89 907	37 910,868	712 942,671	18,806	18,345
9							59	38	89 065	37 000,837	675 031,803	18,244	17,783
10							60	39	88 158	36 082,882	638 030,965	17,682	17,222
11							61	40	87 162	35 147,965	601 948,083	17,126	16,665
12							62	41	86 121	34 214,832	566 800,118	16,566	16,105
13							63	42	84 992	33 267,106	532 585,286	16,009	15,549
14							64	43	83 796	32 314,416	499 318,180	15,452	14,991
15							65	44	82 504	31 346,159	467 003,764	14,898	14,437
16							66	45	81 127	30 367,186	435 657,604	14,346	13,886
17							67	46	79 666	29 379,869	405 290,418	13,795	13,334
18							68	47	78 109	28 379,773	375 910,550	13,246	12,785
19							69	48	76 441	27 363,312	347 530,777	12,701	12,240
20							70	49	74 650	26 327,278	320 167,465	12,161	11,700
21	0	99 154	72 531,084	2 743 360,052	37,823	37,362	71	50	72 736	25 273,366	293 840,187	11,626	11,166
22	1	98 781	71 190,386	2 670 828,968	37,517	37,056	72	51	70 692	24 199,937	268 566,820	11,098	10,637
23	2	98 698	70 078,916	2 599 638,582	37,096	36,635	73	52	68 464	23 091,043	244 366,884	10,583	10,122
24	3	98 627	68 994,117	2 529 559,666	36,663	36,203	74	53	66 086	21 959,464	221 275,841	10,077	9,616
25	4	98 556	67 925,597	2 460 565,549	36,224	35,764	75	54	63 507	20 790,646	199 316,376	9,587	9,126
26	5	98 486	66 874,093	2 392 639,952	35,778	35,317	76	55	60 790	19 607,137	178 525,730	9,105	8,644
27	6	98 417	65 839,611	2 325 765,860	35,325	34,864	77	56	57 897	18 397,852	158 918,593	8,638	8,177
28	7	98 347	64 820,359	2 259 926,248	34,864	34,404	78	57	54 810	17 159,807	140 520,741	8,189	7,728
29	8	98 278	63 817,515	2 195 105,890	34,397	33,936	79	58	51 548	15 899,755	123 360,933	7,759	7,298
30	9	98 208	62 830,046	2 131 288,374	33,921	33,461	80	59	48 204	14 648,658	107 461,178	7,336	6,875
31	10	98 137	61 856,475	2 068 458,328	33,440	32,979	81	60	44 716	13 387,892	92 812,520	6,933	6,472
32	11	98 056	60 892,262	2 006 601,853	32,953	32,493	82	61	41 142	12 135,850	79 424,628	6,545	6,084
33	12	97 975	59 942,828	1 945 709,591	32,459	31,999	83	62	37 540	10 909,605	67 288,777	6,168	5,707
34	13	97 897	59 009,559	1 885 766,763	31,957	31,496	84	63	33 936	9 716,493	56 379,172	5,802	5,342
35	14	97 808	58 084,809	1 826 757,204	31,450	30,989	85	64	30 329	8 555,491	46 662,679	5,454	4,993
36	15	97 711	57 169,805	1 768 672,394	30,937	30,476	86	65	26 714	7 424,463	38 107,188	5,133	4,672
37	16	97 609	56 265,922	1 711 502,590	30,418	29,957	87	66	23 177	6 346,267	30 682,726	4,835	4,374
38	17	97 497	55 370,753	1 655 236,667	29,894	29,433	88	67	19 725	5 321,271	24 336,459	4,573	4,113
39	18	97 375	54 484,167	1 599 865,915	29,364	28,903	89	68	16 599	4 411,668	19 015,188	4,310	3,849
40	19	97 239	53 604,258	1 545 381,748	28,829	28,369	90	69	13 735	3 596,609	14 603,520	4,060	3,600
41	20	97 086	52 728,732	1 491 777,490	28,292	27,831	91	70	11 278	2 909,432	11 006,911	3,783	3,322
42	21	96 921	51 861,379	1 439 048,758	27,748	27,287	92	71	8 979	2 282,152	8 097,479	3,548	3,087
43	22	96 744	51 001,533	1 387 187,379	27,199	26,738	93	72	6 934	1 736,493	5 815,327	3,349	2,888
44	23	96 536	50 139,660	1 336 185,846	26,649	26,188	94	73	5 228	1 289,889	4 078,834	3,162	2,701
45	24	96 308	49 282,343	1 286 046,186	26,095	25,635	95	74	3 838	932,950	2 788,945	2,989	2,529
46	25	96 054	48 425,979	1 236 763,844	25,539	25,078	96	75	2 740	656,069	1 855,995	2,829	2,368
47	26	95 768	47 568,306	1 188 337,865	24,982	24,521	97	76	1 897	447,517	1 199,926	2,681	2,220
48	27	95 447	46 707,876	1 140 769,559	24,423	23,963	98	77	1 272	295,667	752,409	2,545	2,084
49	28	95 085	45 843,267	1 094 061,683	23,865	23,404	99	78	825	188,842	456,742	2,419	1,958
							100	79	516	116,358	267,900	2,302	1,842

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	44 989,844	1 050 065,520	23,340	22,879
1							51	29	94 285	44 124,153	1 005 075,676	22,778	22,318
2							52	30	93 807	43 251,362	960 951,523	22,218	21,757
3							53	31	93 288	42 376,425	917 700,161	21,656	21,195
4							54	32	92 722	41 497,103	875 323,735	21,094	20,633
5							55	33	92 096	40 607,788	833 826,632	20,534	20,073
6							56	34	91 428	39 717,305	793 218,844	19,972	19,511
7							57	35	90 710	38 823,100	753 501,540	19,409	18,948
8							58	36	89 949	37 928,555	714 678,440	18,843	18,382
9							59	37	89 112	37 020,336	676 749,885	18,280	17,820
10							60	38	88 210	36 104,168	639 729,549	17,719	17,258
11							61	39	87 224	35 172,701	603 625,381	17,162	16,701
12							62	40	86 182	34 239,238	568 452,680	16,602	16,142
13							63	41	85 062	33 294,773	534 213,442	16,045	15,584
14							64	42	83 875	32 345,013	500 918,669	15,487	15,026
15							65	43	82 592	31 379,282	468 573,656	14,933	14,472
16							66	44	81 218	30 401,565	437 194,375	14,381	13,920
17							67	45	79 774	29 419,661	406 792,810	13,827	13,366
18							68	46	78 230	28 423,856	377 373,149	13,277	12,816
19							69	47	76 574	27 410,881	348 949,293	12,730	12,270
20							70	48	74 788	26 376,152	321 538,412	12,190	11,730
21							71	49	72 889	25 326,351	295 162,260	11,654	11,194
22	0	99 098	71 418,899	2 673 144,489	37,429	36,968	72	50	70 857	24 256,612	269 835,909	11,124	10,663
23	1	98 726	70 098,848	2 601 725,590	37,115	36,654	73	51	68 635	23 148,701	245 579,298	10,609	10,148
24	2	98 643	69 005,241	2 531 626,742	36,687	36,227	74	52	66 270	22 020,480	222 430,596	10,101	9,640
25	3	98 570	67 935,338	2 462 621,501	36,249	35,789	75	53	63 701	20 854,026	200 410,117	9,610	9,149
26	4	98 498	66 882,108	2 394 686,163	35,805	35,344	76	54	60 984	19 669,808	179 556,091	9,129	8,668
27	5	98 426	65 845,568	2 327 804,055	35,352	34,892	77	55	58 106	18 464,278	159 886,283	8,659	8,198
28	6	98 355	64 825,556	2 261 958,487	34,893	34,432	78	56	55 019	17 225,140	141 422,005	8,210	7,749
29	7	98 286	63 822,847	2 197 132,931	34,425	33,965	79	57	51 761	15 965,634	124 196,865	7,779	7,318
30	8	98 215	62 833,949	2 133 310,084	33,952	33,491	80	58	48 425	14 715,757	108 231,231	7,355	6,894
31	9	98 143	61 860,402	2 070 476,135	33,470	33,009	81	59	44 931	13 452,172	93 515,474	6,952	6,491
32	10	98 064	60 897,168	2 008 615,732	32,984	32,523	82	60	41 368	12 202,573	80 063,302	6,561	6,100
33	11	97 983	59 947,589	1 947 718,564	32,490	32,030	83	61	37 754	10 971,986	67 860,730	6,185	5,724
34	12	97 904	59 014,083	1 887 770,976	31,988	31,528	84	62	34 150	9 777,846	56 888,743	5,818	5,357
35	13	97 818	58 090,524	1 828 756,892	31,481	31,020	85	63	30 533	8 612,927	47 110,897	5,470	5,009
36	14	97 723	57 176,883	1 770 666,369	30,968	30,507	86	64	26 908	7 478,275	38 497,970	5,148	4,687
37	15	97 622	56 273,551	1 713 489,486	30,449	29,988	87	65	23 358	6 395,785	31 019,695	4,850	4,389
38	16	97 512	55 379,656	1 657 215,935	29,925	29,464	88	66	19 889	5 365,373	24 623,909	4,589	4,129
39	17	97 392	54 493,732	1 601 836,279	29,395	28,934	89	67	16 750	4 451,822	19 258,536	4,326	3,865
40	18	97 260	53 615,970	1 547 342,547	28,860	28,399	90	68	13 871	3 632,187	14 806,714	4,077	3,616
41	19	97 107	52 740,074	1 493 726,577	28,322	27,862	91	69	11 403	2 941,695	11 174,527	3,799	3,338
42	20	96 941	51 872,324	1 440 986,503	27,779	27,319	92	70	9 087	2 309,749	8 232,832	3,564	3,104
43	21	96 765	51 012,559	1 389 114,180	27,231	26,770	93	71	7 028	1 759,977	5 923,083	3,365	2,905
44	22	96 558	50 151,184	1 338 101,621	26,681	26,221	94	72	5 310	1 310,164	4 163,106	3,178	2,717
45	23	96 330	49 293,555	1 287 950,437	26,128	25,667	95	73	3 906	949,409	2 852,942	3,005	2,544
46	24	96 076	48 436,991	1 238 656,882	25,573	25,112	96	74	2 794	668,997	1 903,534	2,845	2,385
47	25	95 790	47 578,908	1 190 219,890	25,016	24,555	97	75	1 940	457,715	1 234,537	2,697	2,236
48	26	95 472	46 720,358	1 142 640,982	24,457	23,996	98	76	1 305	303,356	776,822	2,561	2,100
49	27	95 109	45 855,104	1 095 920,624	23,900	23,439	99	77	849	194,473	473,466	2,435	1,974
							100	78	533	120,361	278,993	2,318	1,857

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	45 001,460	1 051 758,651	23,372	22,911
1							51	28	94 310	44 135,617	1 006 757,191	22,811	22,350
2							52	29	93 833	43 263,362	962 621,574	22,250	21,789
3							53	30	93 313	42 388,058	919 358,212	21,689	21,228
4							54	31	92 753	41 510,637	876 970,153	21,126	20,666
5							55	32	92 128	40 621,857	835 459,517	20,567	20,106
6							56	33	91 461	39 731,679	794 837,660	20,005	19,544
7							57	34	90 747	38 838,862	755 105,981	19,442	18,981
8							58	35	89 987	37 944,725	716 267,119	18,877	18,416
9							59	36	89 154	37 037,607	678 322,394	18,314	17,854
10							60	37	88 257	36 123,194	641 284,787	17,753	17,292
11							61	38	87 275	35 193,450	605 161,593	17,195	16,734
12							62	39	86 243	34 263,334	569 968,143	16,635	16,174
13							63	40	85 123	33 318,522	535 704,809	16,078	15,617
14							64	41	83 945	32 371,913	502 386,286	15,519	15,058
15							65	42	82 670	31 408,993	470 014,373	14,964	14,504
16							66	43	81 304	30 433,689	438 605,380	14,412	13,951
17							67	44	79 865	29 452,967	408 171,691	13,858	13,398
18							68	45	78 336	28 462,353	378 718,725	13,306	12,845
19							69	46	76 693	27 453,459	350 256,371	12,758	12,297
20							70	47	74 918	26 422,005	322 802,912	12,217	11,756
21							71	48	73 024	25 373,367	296 380,907	11,681	11,220
22							72	49	71 006	24 307,465	271 007,540	11,149	10,688
23	0	99 043	70 323,857	2 603 868,106	37,027	36,566	73	50	68 796	23 202,914	246 700,076	10,632	10,171
24	1	98 671	69 024,867	2 533 544,249	36,705	36,244	74	51	66 435	22 075,465	223 497,162	10,124	9,663
25	2	98 586	67 946,292	2 464 519,382	36,272	35,811	75	52	63 878	20 911,969	201 421,697	9,632	9,171
26	3	98 512	66 891,700	2 396 573,090	35,828	35,367	76	53	61 170	19 729,770	180 509,728	9,149	8,688
27	4	98 438	65 853,460	2 329 681,390	35,377	34,916	77	54	58 291	18 523,296	160 779,958	8,680	8,219
28	5	98 364	64 831,421	2 263 827,930	34,919	34,458	78	55	55 218	17 287,332	142 256,661	8,229	7,768
29	6	98 294	63 827,965	2 198 996,509	34,452	33,991	79	56	51 958	16 026,420	124 969,329	7,798	7,337
30	7	98 223	62 839,199	2 135 168,544	33,978	33,517	80	57	48 625	14 776,730	108 942,909	7,373	6,912
31	8	98 149	61 864,245	2 072 329,346	33,498	33,037	81	58	45 136	13 513,790	94 166,179	6,968	6,507
32	9	98 070	60 901,034	2 010 465,101	33,012	32,551	82	59	41 567	12 261,161	80 652,389	6,578	6,117
33	10	97 991	59 952,419	1 949 564,066	32,519	32,058	83	60	37 962	11 032,310	68 391,228	6,199	5,738
34	11	97 912	59 018,770	1 889 611,648	32,017	31,556	84	61	34 345	9 833,756	57 358,919	5,833	5,372
35	12	97 825	58 094,977	1 830 592,878	31,510	31,050	85	62	30 725	8 667,313	47 525,163	5,483	5,022
36	13	97 733	57 182,508	1 772 497,901	30,997	30,536	86	63	27 089	7 528,480	38 857,850	5,161	4,701
37	14	97 634	56 280,518	1 715 315,393	30,478	30,017	87	64	23 528	6 442,142	31 329,370	4,863	4,402
38	15	97 526	55 387,164	1 659 034,875	29,953	29,493	88	65	20 044	5 407,238	24 887,229	4,603	4,142
39	16	97 407	54 502,494	1 603 647,711	29,423	28,963	89	66	16 889	4 488,718	19 479,990	4,340	3,879
40	17	97 277	53 625,383	1 549 145,216	28,888	28,427	90	67	13 997	3 665,246	14 991,272	4,090	3,629
41	18	97 128	52 751,597	1 495 519,833	28,350	27,889	91	68	11 515	2 970,795	11 326,026	3,812	3,352
42	19	96 962	51 883,481	1 442 768,236	27,808	27,347	92	69	9 188	2 335,363	8 355,231	3,578	3,117
43	20	96 785	51 023,324	1 390 884,755	27,260	26,799	93	70	7 113	1 781,259	6 019,869	3,380	2,919
44	21	96 579	50 162,026	1 339 861,431	26,711	26,250	94	71	5 382	1 327,882	4 238,609	3,192	2,731
45	22	96 352	49 304,885	1 289 699,404	26,158	25,697	95	72	3 967	964,332	2 910,727	3,018	2,558
46	23	96 098	48 448,011	1 240 394,519	25,603	25,142	96	73	2 843	680,798	1 946,396	2,859	2,398
47	24	95 811	47 589,728	1 191 946,508	25,046	24,586	97	74	1 978	466,735	1 265,597	2,712	2,251
48	25	95 493	46 730,772	1 144 356,780	24,488	24,027	98	75	1 335	310,269	798,863	2,575	2,114
49	26	95 135	45 867,358	1 097 626,009	23,930	23,470	99	76	871	199,530	488,593	2,449	1,988
							100	77	549	123,949	289,063	2,332	1,871



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	45 013,486	1 053 311,673	23,400	22,939
1							51	27	94 334	44 147,013	1 008 298,187	22,840	22,379
2							52	28	93 857	43 274,602	964 151,175	22,280	21,819
3							53	29	93 339	42 399,818	920 876,573	21,719	21,258
4							54	30	92 778	41 522,032	878 476,754	21,157	20,696
5							55	31	92 158	40 635,105	836 954,722	20,597	20,136
6							56	32	91 493	39 745,445	796 319,617	20,035	19,575
7							57	33	90 780	38 852,918	756 574,173	19,473	19,012
8							58	34	90 024	37 960,130	717 721,254	18,907	18,446
9							59	35	89 192	37 053,397	679 761,124	18,345	17,885
10							60	36	88 298	36 140,047	642 707,727	17,784	17,323
11							61	37	87 321	35 211,996	606 567,680	17,226	16,765
12							62	38	86 294	34 283,547	571 355,684	16,666	16,205
13							63	39	85 183	33 341,971	537 072,137	16,108	15,647
14							64	40	84 005	32 395,004	503 730,167	15,550	15,089
15							65	41	82 739	31 435,115	471 335,163	14,994	14,533
16							66	42	81 381	30 462,505	439 900,048	14,441	13,980
17							67	43	79 949	29 484,089	409 437,543	13,887	13,426
18							68	44	78 425	28 494,576	379 953,454	13,334	12,873
19							69	45	76 797	27 490,642	351 458,879	12,785	12,324
20							70	46	75 035	26 463,047	323 968,237	12,242	11,781
21							71	47	73 151	25 417,477	297 505,190	11,705	11,244
22							72	48	71 138	24 352,589	272 087,713	11,173	10,712
23							73	49	68 940	23 251,558	247 735,124	10,655	10,194
24	0	98 988	69 246,429	2 535 527,519	36,616	36,155	74	50	66 591	22 127,164	224 483,566	10,145	9,684
25	1	98 614	67 965,617	2 466 281,090	36,287	35,826	75	51	64 037	20 964,186	202 356,402	9,652	9,192
26	2	98 528	66 902,485	2 398 315,473	35,848	35,387	76	52	61 340	19 784,590	181 392,215	9,168	8,708
27	3	98 452	65 862,904	2 331 412,988	35,398	34,937	77	53	58 469	18 579,764	161 607,625	8,698	8,237
28	4	98 375	64 839,192	2 265 550,084	34,941	34,480	78	54	55 394	17 342,588	143 027,862	8,247	7,786
29	5	98 303	63 833,739	2 200 710,892	34,476	34,015	79	55	52 146	16 084,284	125 685,273	7,814	7,353
30	6	98 231	62 844,237	2 136 877,153	34,003	33,542	80	56	48 810	14 832,990	109 600,990	7,389	6,928
31	7	98 157	61 869,414	2 074 032,916	33,523	33,062	81	57	45 323	13 569,782	94 768,000	6,984	6,523
32	8	98 077	60 904,817	2 012 163,502	33,038	32,577	82	58	41 757	12 317,323	81 198,217	6,592	6,131
33	9	97 997	59 956,225	1 951 258,685	32,545	32,084	83	59	38 144	11 085,279	68 880,894	6,214	5,753
34	10	97 920	59 023,525	1 891 302,460	32,043	31,582	84	60	34 534	9 887,821	57 795,615	5,845	5,384
35	11	97 833	58 099,591	1 832 278,935	31,537	31,076	85	61	30 901	8 716,872	47 907,794	5,496	5,035
36	12	97 740	57 186,892	1 774 179,343	31,024	30,563	86	62	27 260	7 576,018	39 190,921	5,173	4,712
37	13	97 644	56 286,055	1 716 992,452	30,505	30,044	87	63	23 685	6 485,391	31 614,904	4,875	4,414
38	14	97 538	55 394,021	1 660 706,397	29,980	29,519	88	64	20 189	5 446,430	25 129,513	4,614	4,153
39	15	97 421	54 509,884	1 605 312,376	29,450	28,989	89	65	17 021	4 523,743	19 683,083	4,351	3,890
40	16	97 293	53 634,006	1 550 802,492	28,915	28,454	90	66	14 113	3 695,623	15 159,340	4,102	3,641
41	17	97 145	52 760,858	1 497 168,486	28,376	27,916	91	67	11 620	2 997,834	11 463,717	3,824	3,363
42	18	96 983	51 894,817	1 444 407,628	27,833	27,373	92	68	9 279	2 358,464	8 465,883	3,590	3,129
43	19	96 806	51 034,299	1 392 512,811	27,286	26,825	93	69	7 192	1 801,012	6 107,419	3,391	2,930
44	20	96 599	50 172,612	1 341 478,511	26,737	26,276	94	70	5 447	1 343,940	4 306,407	3,204	2,744
45	21	96 373	49 315,544	1 291 305,899	26,185	25,724	95	71	4 021	977,373	2 962,467	3,031	2,570
46	22	96 120	48 459,147	1 241 990,355	25,630	25,169	96	72	2 888	691,500	1 985,094	2,871	2,410
47	23	95 833	47 600,555	1 193 531,208	25,074	24,613	97	73	2 013	474,968	1 293,595	2,724	2,263
48	24	95 515	46 741,398	1 145 930,653	24,516	24,056	98	74	1 361	316,383	818,626	2,587	2,127
49	25	95 156	45 877,581	1 099 189,254	23,959	23,498	99	75	891	204,077	502,243	2,461	2,000
							100	76	564	127,173	298,166	2,345	1,884

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 1,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	45 023,519	1 054 734,831	23,426	22,966
1							51	26	94 359	44 158,810	1 009 711,311	22,865	22,405
2							52	27	93 881	43 285,775	965 552,501	22,306	21,846
3							53	28	93 363	42 410,834	922 266,726	21,746	21,285
4							54	29	92 804	41 533,552	879 855,892	21,184	20,723
5							55	30	92 183	40 646,260	838 322,340	20,625	20,164
6							56	31	91 522	39 758,407	797 676,080	20,063	19,602
7							57	32	90 811	38 866,380	757 917,673	19,501	19,040
8							58	33	90 057	37 973,869	719 051,294	18,935	18,475
9							59	34	89 228	37 068,441	681 077,425	18,374	17,913
10							60	35	88 336	36 155,455	644 008,984	17,812	17,351
11							61	36	87 362	35 228,423	607 853,530	17,255	16,794
12							62	37	86 339	34 301,613	572 625,106	16,694	16,233
13							63	38	85 233	33 361,640	538 323,493	16,136	15,675
14							64	39	84 064	32 417,802	504 961,854	15,577	15,116
15							65	40	82 798	31 457,537	472 544,051	15,022	14,561
16							66	41	81 449	30 487,840	441 086,514	14,468	14,007
17							67	42	80 025	29 512,006	410 598,674	13,913	13,452
18							68	43	78 508	28 524,685	381 086,669	13,360	12,899
19							69	44	76 884	27 521,764	352 561,984	12,810	12,350
20							70	45	75 136	26 498,889	325 040,220	12,266	11,805
21							71	46	73 265	25 456,958	298 541,331	11,727	11,267
22							72	47	71 261	24 394,924	273 084,373	11,194	10,734
23							73	48	69 068	23 294,722	248 689,449	10,676	10,215
24							74	49	66 730	22 173,553	225 394,726	10,165	9,704
25	0	98 931	68 183,779	2 468 117,649	36,198	35,737	75	50	64 187	21 013,283	203 221,173	9,671	9,210
26	1	98 556	66 921,513	2 399 933,871	35,862	35,401	76	51	61 494	19 833,992	182 207,890	9,187	8,726
27	2	98 468	65 873,524	2 333 012,358	35,417	34,956	77	52	58 631	18 631,388	162 373,898	8,715	8,254
28	3	98 390	64 848,490	2 267 138,834	34,961	34,500	78	53	55 563	17 395,456	143 742,510	8,263	7,802
29	4	98 314	63 841,391	2 202 290,344	34,496	34,035	79	54	52 312	16 135,695	126 347,054	7,830	7,369
30	5	98 239	62 849,923	2 138 448,953	34,025	33,564	80	55	48 987	14 886,545	110 211,359	7,403	6,943
31	6	98 165	61 874,375	2 075 599,030	33,545	33,085	81	56	45 496	13 621,447	95 324,814	6,998	6,537
32	7	98 085	60 909,906	2 013 724,656	33,061	32,600	82	57	41 930	12 368,359	81 703,367	6,606	6,145
33	8	98 003	59 959,949	1 952 814,750	32,569	32,108	83	58	38 319	11 136,055	69 335,008	6,226	5,765
34	9	97 926	59 027,273	1 892 854,801	32,067	31,607	84	59	34 700	9 935,296	58 198,953	5,858	5,397
35	10	97 841	58 104,272	1 833 827,528	31,561	31,100	85	60	31 071	8 764,797	48 263,657	5,507	5,046
36	11	97 748	57 191,434	1 775 723,256	31,049	30,588	86	61	27 416	7 619,337	39 498,860	5,184	4,723
37	12	97 651	56 290,370	1 718 531,823	30,530	30,069	87	62	23 835	6 526,342	31 879,523	4,885	4,424
38	13	97 547	55 399,471	1 662 241,453	30,005	29,544	88	63	20 325	5 482,994	25 353,181	4,624	4,163
39	14	97 433	54 516,632	1 606 841,982	29,474	29,014	89	64	17 144	4 556,531	19 870,187	4,361	3,900
40	15	97 306	53 641,277	1 552 325,349	28,939	28,478	90	65	14 224	3 724,459	15 313,656	4,112	3,651
41	16	97 160	52 769,342	1 498 684,072	28,401	27,940	91	66	11 717	3 022,680	11 589,197	3,834	3,373
42	17	97 001	51 903,928	1 445 914,730	27,858	27,397	92	67	9 364	2 379,930	8 566,517	3,599	3,139
43	18	96 827	51 045,450	1 394 010,802	27,309	26,848	93	68	7 263	1 818,828	6 186,587	3,401	2,941
44	19	96 620	50 183,404	1 342 965,352	26,761	26,300	94	69	5 508	1 358,843	4 367,759	3,214	2,754
45	20	96 393	49 325,951	1 292 781,947	26,209	25,748	95	70	4 070	989,192	3 008,916	3,042	2,581
46	21	96 141	48 469,623	1 243 455,996	25,654	25,194	96	71	2 927	700,851	2 019,724	2,882	2,421
47	22	95 855	47 611,496	1 194 986,373	25,099	24,638	97	72	2 045	482,434	1 318,873	2,734	2,273
48	23	95 537	46 752,032	1 147 374,877	24,542	24,081	98	73	1 385	321,964	836,439	2,598	2,137
49	24	95 178	45 888,014	1 100 622,844	23,985	23,524	99	74	909	208,099	514,475	2,472	2,011
							100	75	576	130,071	306,376	2,355	1,895

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 108 608,851	41,086	40,625	50	50	93 003	39 063,988	799 173,802	20,458	19,997
1	1	99 275	97 567,712	4 008 608,851	41,085	40,624	51	51	92 389	38 138,800	760 109,814	19,930	19,469
2	2	99 212	95 828,258	3 911 041,139	40,813	40,352	52	52	91 717	37 209,980	721 971,014	19,403	18,941
3	3	99 177	94 146,798	3 815 212,880	40,524	40,063	53	53	90 982	36 276,867	684 761,034	18,876	18,415
4	4	99 147	92 500,330	3 721 066,083	40,228	39,766	54	54	90 185	35 340,652	648 484,167	18,350	17,888
5	5	99 121	90 885,422	3 628 565,753	39,925	39,463	55	55	89 321	34 400,300	613 143,515	17,824	17,363
6	6	99 101	89 303,868	3 537 680,331	39,614	39,153	56	56	88 386	33 454,631	578 743,215	17,299	16,838
7	7	99 082	87 751,640	3 448 376,464	39,297	38,836	57	57	87 395	32 510,543	545 288,584	16,773	16,311
8	8	99 064	86 226,853	3 360 624,824	38,974	38,513	58	58	86 341	31 566,129	512 778,040	16,245	15,783
9	9	99 049	84 730,425	3 274 397,971	38,645	38,184	59	59	85 187	30 608,695	481 211,911	15,721	15,260
10	10	99 034	83 260,710	3 189 667,546	38,309	37,848	60	60	83 967	29 651,184	450 603,216	15,197	14,736
11	11	99 017	81 814,800	3 106 406,836	37,969	37,508	61	61	82 622	28 674,575	420 952,032	14,680	14,219
12	12	99 000	80 393,462	3 024 592,036	37,622	37,161	62	62	81 229	27 706,157	392 277,457	14,158	13,697
13	13	98 982	78 996,456	2 944 198,574	37,270	36,809	63	63	79 727	26 726,118	364 571,300	13,641	13,180
14	14	98 963	77 623,360	2 865 202,118	36,912	36,450	64	64	78 155	25 748,260	337 845,182	13,121	12,660
15	15	98 935	76 266,291	2 787 578,758	36,551	36,089	65	65	76 477	24 762,578	312 096,562	12,604	12,142
16	16	98 902	74 929,456	2 711 312,466	36,185	35,724	66	66	74 702	23 771,879	287 333,984	12,087	11,626
17	17	98 856	73 607,071	2 636 383,011	35,817	35,356	67	67	72 853	22 784,720	263 562,105	11,567	11,106
18	18	98 805	72 303,707	2 562 775,940	35,445	34,983	68	68	70 895	21 790,817	240 777,385	11,049	10,588
19	19	98 729	71 005,150	2 490 472,232	35,075	34,613	69	69	68 821	20 789,511	218 986,568	10,534	10,072
20	20	98 654	69 730,878	2 419 467,082	34,697	34,236	70	70	66 595	19 771,024	198 197,057	10,025	9,563
21	21	98 574	68 476,185	2 349 736,204	34,315	33,853	71	71	64 247	18 745,937	178 426,033	9,518	9,057
22	22	98 497	67 245,972	2 281 260,019	33,924	33,463	72	72	61 752	17 708,102	159 680,096	9,017	8,556
23	23	98 419	66 037,044	2 214 014,047	33,527	33,066	73	73	59 028	16 635,763	141 971,993	8,534	8,073
24	24	98 342	64 850,773	2 147 977,003	33,122	32,661	74	74	56 145	15 551,164	125 336,230	8,060	7,598
25	25	98 263	63 684,202	2 083 126,230	32,710	32,249	75	75	53 072	14 447,350	109 785,066	7,599	7,130
26	26	98 183	62 537,863	2 019 442,028	32,292	31,830	76	76	49 829	13 331,098	95 337,716	7,152	6,698
27	27	98 097	61 408,327	1 956 904,165	31,867	31,406	77	77	46 421	12 205,777	82 006,619	6,719	6,257
28	28	98 010	60 298,396	1 895 495,838	31,435	30,974	78	78	42 837	11 069,611	69 800,842	6,306	5,844
29	29	97 924	59 209,217	1 835 197,442	30,995	30,534	79	79	39 108	9 932,265	58 731,231	5,913	5,452
30	30	97 833	58 137,310	1 775 988,225	30,548	30,087	80	80	35 359	8 825,716	48 798,966	5,529	5,068
31	31	97 742	57 083,779	1 717 850,915	30,094	29,632	81	81	31 529	7 734,259	39 973,250	5,168	4,707
32	32	97 637	56 042,132	1 660 767,136	29,634	29,173	82	82	27 725	6 684,109	32 238,991	4,823	4,362
33	33	97 531	55 018,082	1 604 725,004	29,167	28,706	83	83	23 995	5 685,423	25 554,881	4,495	4,034
34	34	97 425	54 013,007	1 549 706,922	28,691	28,230	84	84	20 410	4 752,906	19 869,458	4,180	3,719
35	35	97 306	53 019,621	1 495 693,915	28,210	27,749	85	85	17 005	3 891,793	15 116,553	3,884	3,423
36	36	97 181	52 040,449	1 442 674,295	27,722	27,261	86	86	13 800	3 103,978	11 224,760	3,616	3,155
37	37	97 047	51 074,921	1 390 633,846	27,227	26,766	87	87	10 900	2 409,550	8 120,781	3,370	2,909
38	38	96 900	50 120,493	1 339 558,925	26,727	26,266	88	88	8 281	1 799,113	5 711,232	3,174	2,713
39	39	96 738	49 176,426	1 289 438,432	26,221	25,759	89	89	6 150	1 313,080	3 912,119	2,979	2,518
40	40	96 557	48 239,957	1 240 262,006	25,710	25,249	90	90	4 421	927,691	2 599,038	2,802	2,340
41	41	96 357	47 311,891	1 192 022,049	25,195	24,734	91	91	3 126	644,731	1 671,347	2,592	2,131
42	42	96 134	46 390,523	1 144 710,158	24,676	24,214	92	92	2 083	422,179	1 026,616	2,432	1,971
43	43	95 888	45 476,070	1 098 319,636	24,152	23,690	93	93	1 322	263,403	604,437	2,295	1,834
44	44	95 602	44 560,890	1 052 843,566	23,627	23,166	94	94	803	157,232	341,034	2,169	1,708
45	45	95 291	43 651,869	1 008 282,676	23,098	22,637	95	95	465	89,425	183,801	2,055	1,594
46	46	94 933	42 739,799	964 630,807	22,570	22,109	96	96	256	48,330	94,377	1,953	1,492
47	47	94 524	41 824,050	921 891,008	22,042	21,581	97	97	133	24,756	46,047	1,860	1,399
48	48	94 068	40 906,456	880 066,958	21,514	21,053	98	98	66	11,987	21,291	1,776	1,315
49	49	93 563	39 986,700	839 160,502	20,986	20,525	99	99	30	5,472	9,304	1,700	1,239
							100	100	13	2,349	3,833	1,632	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	4 097 285,060	41,104	40,643	50	51	92 786	38 972,717	789 334,914	20,254	19,792
1	2	99 247	97 539,970	3 997 605,021	40,984	40,523	51	52	92 159	38 043,804	750 362,197	19,724	19,262
2	3	99 196	95 812,809	3 900 065,051	40,705	40,244	52	53	91 463	37 106,878	712 318,393	19,196	18,735
3	4	99 162	94 133,299	3 804 252,242	40,413	39,952	53	54	90 705	36 166,615	675 211,516	18,669	18,208
4	5	99 135	92 489,244	3 710 118,943	40,114	39,653	54	55	89 897	35 228,051	639 044,901	18,140	17,679
5	6	99 112	90 877,200	3 617 629,699	39,808	39,347	55	56	89 000	34 276,544	603 816,850	17,616	17,155
6	7	99 093	89 296,707	3 526 752,499	39,495	39,034	56	57	88 051	33 327,741	569 540,306	17,089	16,628
7	8	99 074	87 744,309	3 437 455,792	39,176	38,715	57	58	87 034	32 376,396	536 212,565	16,562	16,101
8	9	99 058	86 221,497	3 349 711,483	38,850	38,389	58	59	85 947	31 422,199	503 836,169	16,034	15,573
9	10	99 042	84 725,046	3 263 489,986	38,519	38,057	59	60	84 780	30 462,436	472 413,970	15,508	15,047
10	11	99 026	83 254,003	3 178 764,940	38,182	37,720	60	61	83 508	29 489,055	441 951,534	14,987	14,526
11	12	99 009	81 808,302	3 095 510,937	37,839	37,377	61	62	82 152	28 511,546	412 462,479	14,467	14,005
12	13	98 992	80 387,300	3 013 702,635	37,490	37,029	62	63	80 719	27 532,307	383 950,932	13,945	13,484
13	14	98 972	78 988,685	2 933 315,335	37,136	36,675	63	64	79 195	26 547,891	356 418,625	13,425	12,964
14	15	98 951	77 613,751	2 854 326,651	36,776	36,315	64	65	77 593	25 563,338	329 870,734	12,904	12,443
15	16	98 921	76 255,952	2 776 712,899	36,413	35,952	65	66	75 885	24 570,856	304 307,396	12,385	11,924
16	17	98 886	74 917,410	2 700 456,947	36,046	35,585	66	67	74 088	23 576,480	279 736,541	11,865	11,404
17	18	98 839	73 594,150	2 625 539,537	35,676	35,215	67	68	72 196	22 579,210	256 160,061	11,345	10,884
18	19	98 784	72 287,913	2 551 945,387	35,303	34,841	68	69	70 200	21 577,373	233 580,851	10,825	10,364
19	20	98 708	70 989,880	2 479 657,474	34,930	34,469	69	70	68 066	20 561,498	212 003,478	10,311	9,849
20	21	98 633	69 716,166	2 408 667,593	34,550	34,088	70	71	65 799	19 534,796	191 441,979	9,800	9,339
21	22	98 553	68 461,384	2 338 951,427	34,165	33,703	71	72	63 389	18 495,810	171 907,184	9,294	8,833
22	23	98 474	67 230,520	2 270 490,044	33,772	33,311	72	73	60 796	17 434,067	153 411,373	8,800	8,338
23	24	98 397	66 022,023	2 203 259,524	33,372	32,910	73	74	58 004	16 347,376	135 977,306	8,318	7,857
24	25	98 320	64 836,029	2 137 237,501	32,964	32,503	74	75	55 060	15 250,652	119 629,931	7,844	7,383
25	26	98 242	63 670,010	2 072 401,472	32,549	32,088	75	76	51 890	14 125,446	104 379,279	7,389	6,928
26	27	98 157	62 521,156	2 008 731,462	32,129	31,668	76	77	48 566	12 993,185	90 253,833	6,946	6,485
27	28	98 072	61 392,475	1 946 210,306	31,701	31,240	77	78	45 077	11 852,367	77 260,647	6,519	6,057
28	29	97 984	60 282,735	1 884 817,831	31,266	30,805	78	79	41 412	10 701,457	65 408,280	6,112	5,651
29	30	97 896	59 192,795	1 824 535,096	30,824	30,362	79	80	37 640	9 559,302	54 706,823	5,723	5,262
30	31	97 807	58 121,355	1 765 342,301	30,373	29,912	80	81	33 826	8 442,917	45 147,521	5,347	4,886
31	32	97 710	57 065,168	1 707 220,946	29,917	29,456	81	82	29 968	7 351,446	36 704,604	4,993	4,532
32	33	97 604	56 022,722	1 650 155,779	29,455	28,994	82	83	26 148	6 303,999	29 353,159	4,656	4,195
33	34	97 495	54 998,177	1 594 133,056	28,985	28,524	83	84	22 436	5 316,103	23 049,160	4,336	3,875
34	35	97 385	53 991,087	1 539 134,879	28,507	28,046	84	85	18 900	4 401,258	17 733,057	4,029	3,568
35	36	97 265	52 997,026	1 485 143,792	28,023	27,562	85	86	15 555	3 559,841	13 331,799	3,745	3,284
36	37	97 135	52 016,181	1 432 146,766	27,533	27,072	86	87	12 466	2 803,983	9 771,958	3,485	3,024
37	38	96 996	51 048,020	1 380 130,585	27,036	26,575	87	88	9 650	2 133,267	6 967,975	3,266	2,805
38	39	96 843	50 090,943	1 329 082,565	26,533	26,072	88	89	7 242	1 573,393	4 834,708	3,073	2,612
39	40	96 670	49 141,842	1 278 991,622	26,027	25,565	89	90	5 290	1 129,552	3 261,315	2,887	2,426
40	41	96 488	48 205,572	1 229 849,780	25,513	25,051	90	91	3 766	790,210	2 131,763	2,698	2,237
41	42	96 277	47 272,576	1 181 644,208	24,996	24,535	91	92	2 585	533,100	1 341,552	2,517	2,055
42	43	96 043	46 346,640	1 134 371,632	24,476	24,015	92	93	1 689	342,394	808,452	2,361	1,900
43	44	95 786	45 428,068	1 088 024,992	23,951	23,489	93	94	1 049	208,909	466,058	2,231	1,770
44	45	95 494	44 510,499	1 042 596,924	23,424	22,962	94	95	622	121,794	257,149	2,111	1,650
45	46	95 162	43 592,827	998 086,425	22,896	22,434	95	96	351	67,565	135,355	2,003	1,542
46	47	94 785	42 673,513	954 493,598	22,367	21,906	96	97	188	35,571	67,790	1,906	1,445
47	48	94 360	41 751,468	911 820,085	21,839	21,378	97	98	95	17,726	32,219	1,818	1,356
48	49	93 894	40 830,658	870 068,617	21,309	20,848	98	99	46	8,339	14,492	1,738	1,277
49	50	93 367	39 903,045	829 237,959	20,781	20,320	99	100	21	3,694	6,153	1,666	1,205

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	4 085 470,442	40,998	40,536	50	52	92 555	38 875,644	778 800,681	20,033	19,572
1	3	99 231	97 524,245	3 985 818,746	40,870	40,409	51	53	91 904	37 938,391	739 925,037	19,503	19,042
2	4	99 181	95 799,071	3 888 294,501	40,588	40,127	52	54	91 185	36 994,103	701 986,646	18,976	18,514
3	5	99 150	94 122,017	3 792 495,430	40,293	39,832	53	55	90 416	36 051,382	664 992,543	18,446	17,984
4	6	99 126	92 480,877	3 698 373,413	39,991	39,529	54	56	89 574	35 101,317	628 941,161	17,918	17,457
5	7	99 104	90 869,914	3 605 892,536	39,682	39,221	55	57	88 662	34 146,537	593 839,843	17,391	16,930
6	8	99 084	89 289,247	3 515 022,622	39,367	38,905	56	58	87 687	33 190,222	559 693,307	16,863	16,402
7	9	99 068	87 738,859	3 425 733,375	39,045	38,583	57	59	86 637	32 228,771	526 503,085	16,336	15,875
8	10	99 052	86 216,023	3 337 994,516	38,717	38,255	58	60	85 537	31 272,052	494 274,314	15,806	15,344
9	11	99 035	84 718,221	3 251 778,493	38,383	37,922	59	61	84 317	30 295,871	463 002,262	15,283	14,821
10	12	99 018	83 247,391	3 167 060,272	38,044	37,583	60	62	83 033	29 321,396	432 706,391	14,757	14,296
11	13	99 002	81 802,031	3 083 812,881	37,698	37,237	61	63	81 637	28 332,643	403 384,994	14,237	13,776
12	14	98 982	80 379,392	3 002 010,850	37,348	36,887	62	64	80 181	27 348,704	375 052,352	13,714	13,253
13	15	98 960	78 978,906	2 921 631,458	36,993	36,531	63	65	78 625	26 356,857	347 703,647	13,192	12,731
14	16	98 938	77 603,230	2 842 652,552	36,631	36,169	64	66	76 992	25 365,415	321 346,790	12,669	12,207
15	17	98 905	76 243,693	2 765 049,322	36,266	35,805	65	67	75 262	24 368,889	295 981,375	12,146	11,685
16	18	98 868	74 904,259	2 688 805,629	35,897	35,435	66	68	73 420	23 363,829	271 612,485	11,625	11,164
17	19	98 817	73 578,075	2 613 901,370	35,526	35,064	67	69	71 489	22 358,044	248 248,657	11,103	10,642
18	20	98 762	72 272,367	2 540 323,295	35,149	34,688	68	70	69 430	21 340,720	225 890,613	10,585	10,124
19	21	98 687	70 974,902	2 468 050,928	34,774	34,312	69	71	67 253	20 315,825	204 549,894	10,069	9,607
20	22	98 612	69 701,097	2 397 076,025	34,391	33,930	70	72	64 921	19 274,143	184 234,068	9,559	9,097
21	23	98 530	68 445,652	2 327 374,928	34,003	33,542	71	73	62 408	18 209,585	164 959,925	9,059	8,598
22	24	98 452	67 215,228	2 258 929,277	33,607	33,146	72	74	59 742	17 131,840	146 750,341	8,566	8,105
23	25	98 374	66 007,013	2 191 714,049	33,204	32,743	73	75	56 883	16 031,478	129 618,500	8,085	7,624
24	26	98 298	64 821,580	2 125 707,036	32,793	32,332	74	76	53 833	14 910,850	113 587,022	7,618	7,157
25	27	98 215	63 653,001	2 060 885,456	32,377	31,916	75	77	50 575	13 767,399	98 676,173	7,167	6,706
26	28	98 132	62 505,017	1 997 232,455	31,953	31,492	76	78	47 160	12 616,977	84 908,774	6,730	6,269
27	29	98 046	61 376,530	1 934 727,438	31,522	31,061	77	79	43 578	11 458,180	72 291,797	6,309	5,848
28	30	97 957	60 266,015	1 873 350,909	31,085	30,623	78	80	39 857	10 299,610	60 833,617	5,906	5,445
29	31	97 870	59 176,550	1 813 084,894	30,639	30,177	79	81	36 007	9 144,684	50 534,007	5,526	5,065
30	32	97 775	58 102,406	1 753 908,344	30,187	29,725	80	82	32 151	8 025,028	41 389,322	5,158	4,696
31	33	97 676	57 045,404	1 695 805,939	29,727	29,266	81	83	28 264	6 933,385	33 364,294	4,812	4,351
32	34	97 568	56 002,454	1 638 760,535	29,262	28,801	82	84	24 449	5 894,497	26 430,909	4,484	4,023
33	35	97 456	54 975,857	1 582 758,081	28,790	28,329	83	85	20 776	4 922,787	20 536,412	4,172	3,711
34	36	97 344	53 968,079	1 527 782,224	28,309	27,848	84	86	17 288	4 025,851	15 613,626	3,878	3,417
35	37	97 220	52 972,313	1 473 814,145	27,822	27,361	85	87	14 051	3 215,787	11 587,775	3,603	3,142
36	38	97 084	51 988,785	1 420 841,832	27,330	26,869	86	88	11 037	2 482,474	8 371,987	3,372	2,911
37	39	96 938	51 017,923	1 368 853,048	26,831	26,370	87	89	8 440	1 865,623	5 889,513	3,157	2,696
38	40	96 775	50 055,716	1 317 835,124	26,327	25,866	88	90	6 230	1 353,482	4 023,890	2,973	2,512
39	41	96 602	49 106,814	1 267 779,408	25,817	25,356	89	91	4 506	962,157	2 670,408	2,775	2,314
40	42	96 408	48 165,514	1 218 672,594	25,302	24,841	90	92	3 114	653,390	1 708,252	2,614	2,153
41	43	96 185	47 227,859	1 170 507,080	24,784	24,323	91	93	2 096	432,353	1 054,862	2,440	1,979
42	44	95 941	46 297,719	1 123 279,221	24,262	23,801	92	94	1 340	271,559	622,509	2,292	1,831
43	45	95 678	45 376,697	1 076 981,503	23,734	23,273	93	95	812	161,823	350,950	2,169	1,708
44	46	95 365	44 450,296	1 031 604,806	23,208	22,747	94	96	470	92,021	189,127	2,055	1,594
45	47	95 014	43 525,218	987 154,510	22,680	22,219	95	97	258	49,728	97,106	1,953	1,492
46	48	94 621	42 599,457	943 629,292	22,151	21,690	96	98	135	25,471	47,377	1,860	1,399
47	49	94 185	41 674,104	901 029,835	21,621	21,160	97	99	66	12,333	21,907	1,776	1,315
48	50	93 698	40 745,237	859 355,731	21,091	20,630	98	100	31	5,630	9,574	1,701	1,239
49	51	93 149	39 809,813	818 610,494	20,563	20,102							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	4 072 844,703	40,877	40,416	50	53	92 298	38 767,926	767 550,011	19,799	19,337
1	4	99 217	97 510,262	3 973 209,072	40,747	40,285	51	54	91 625	37 823,089	728 782,085	19,268	18,807
2	5	99 169	95 787,590	3 875 698,811	40,461	40,000	52	55	90 894	36 876,234	690 958,995	18,737	18,276
3	6	99 141	94 113,503	3 779 911,221	40,163	39,702	53	56	90 091	35 921,686	654 082,761	18,209	17,747
4	7	99 119	92 473,462	3 685 797,718	39,858	39,397	54	57	89 234	34 968,182	618 161,075	17,678	17,217
5	8	99 096	90 862,322	3 593 324,256	39,547	39,086	55	58	88 297	34 005,639	583 192,893	17,150	16,689
6	9	99 078	89 283,701	3 502 461,934	39,228	38,767	56	59	87 288	33 038,886	549 187,255	16,622	16,161
7	10	99 062	87 733,289	3 413 178,232	38,904	38,443	57	60	86 223	32 074,771	516 148,369	16,092	15,631
8	11	99 044	86 209,078	3 325 444,944	38,574	38,113	58	61	85 069	31 101,061	484 073,598	15,565	15,103
9	12	99 027	84 711,492	3 239 235,866	38,238	37,777	59	62	83 837	30 123,625	452 972,538	15,037	14,576
10	13	99 011	83 241,010	3 154 524,374	37,896	37,435	60	63	82 512	29 137,411	422 848,913	14,512	14,051
11	14	98 992	81 793,984	3 071 283,364	37,549	37,088	61	64	81 093	28 143,703	393 711,502	13,989	13,528
12	15	98 970	80 369,441	2 989 489,380	37,197	36,736	62	65	79 604	27 151,908	365 567,799	13,464	13,003
13	16	98 946	78 968,200	2 909 119,939	36,839	36,378	63	66	78 016	26 152,791	338 415,891	12,940	12,479
14	17	98 922	77 590,754	2 830 151,739	36,475	36,014	64	67	76 359	25 156,918	312 263,100	12,413	11,951
15	18	98 888	76 230,310	2 752 560,985	36,108	35,647	65	68	74 583	24 149,091	287 106,182	11,889	11,428
16	19	98 847	74 887,897	2 676 330,675	35,738	35,277	66	69	72 701	23 134,977	262 957,091	11,366	10,905
17	20	98 796	73 562,251	2 601 442,778	35,364	34,903	67	70	70 705	22 112,828	239 822,115	10,845	10,384
18	21	98 742	72 257,119	2 527 880,527	34,985	34,523	68	71	68 601	21 085,736	217 709,287	10,325	9,864
19	22	98 665	70 959,561	2 455 623,408	34,606	34,145	69	72	66 355	20 044,751	196 623,550	9,809	9,348
20	23	98 589	69 685,080	2 384 663,847	34,221	33,759	70	73	63 916	18 975,873	176 578,799	9,305	8,844
21	24	98 508	68 430,083	2 314 978,767	33,830	33,369	71	74	61 327	17 893,914	157 602,926	8,808	8,346
22	25	98 430	67 199,946	2 246 548,683	33,431	32,970	72	75	58 588	16 800,783	139 709,012	8,316	7,854
23	26	98 352	65 992,304	2 179 348,737	33,024	32,563	73	76	55 616	15 674,278	122 908,229	7,841	7,380
24	27	98 272	64 804,263	2 113 356,434	32,611	32,150	74	77	52 469	14 532,894	107 233,951	7,379	6,918
25	28	98 190	63 636,570	2 048 552,171	32,191	31,730	75	78	49 110	13 368,774	92 701,057	6,934	6,473
26	29	98 106	62 488,782	1 984 915,601	31,764	31,303	76	79	45 591	12 197,360	79 332,283	6,504	6,043
27	30	98 019	61 359,506	1 922 426,819	31,331	30,869	77	80	41 941	11 027,918	67 134,923	6,088	5,627
28	31	97 930	60 249,475	1 861 067,312	30,889	30,428	78	81	38 128	9 852,883	56 107,005	5,694	5,233
29	32	97 838	59 157,257	1 800 817,837	30,441	29,980	79	82	34 225	8 692,061	46 254,121	5,321	4,860
30	33	97 741	58 082,282	1 741 660,580	29,986	29,525	80	83	30 323	7 568,662	37 562,060	4,963	4,502
31	34	97 641	57 024,765	1 683 578,298	29,524	29,062	81	84	26 428	6 482,999	29 993,398	4,626	4,165
32	35	97 529	55 979,727	1 626 553,533	29,056	28,595	82	85	22 641	5 458,388	23 510,399	4,307	3,846
33	36	97 414	54 952,429	1 570 573,806	28,581	28,119	83	86	19 004	4 502,896	18 052,012	4,009	3,548
34	37	97 298	53 942,912	1 515 621,377	28,097	27,636	84	87	15 617	3 636,758	13 549,116	3,726	3,264
35	38	97 168	52 944,412	1 461 678,465	27,608	27,147	85	88	12 440	2 847,060	9 912,358	3,482	3,020
36	39	97 027	51 958,134	1 408 734,052	27,113	26,652	86	89	9 652	2 171,018	7 065,298	3,254	2,793
37	40	96 870	50 982,044	1 356 775,919	26,613	26,152	87	90	7 260	1 604,867	4 894,280	3,050	2,588
38	41	96 706	50 020,037	1 305 793,874	26,105	25,644	88	91	5 307	1 152,900	3 289,412	2,853	2,392
39	42	96 521	49 066,007	1 255 773,837	25,594	25,132	89	92	3 726	795,565	2 136,512	2,686	2,224
40	43	96 317	48 119,952	1 206 707,830	25,077	24,616	90	93	2 525	529,910	1 340,947	2,531	2,069
41	44	96 084	47 178,007	1 158 587,878	24,558	24,097	91	94	1 663	342,906	811,037	2,365	1,904
42	45	95 833	46 245,364	1 111 409,871	24,033	23,572	92	95	1 038	210,352	468,131	2,225	1,764
43	46	95 549	45 315,322	1 065 164,507	23,506	23,044	93	96	614	122,266	257,779	2,108	1,647
44	47	95 217	44 381,357	1 019 849,185	22,979	22,518	94	97	346	67,729	135,513	2,001	1,540
45	48	94 850	43 449,684	975 467,828	22,451	21,989	95	98	185	35,608	67,785	1,904	1,442
46	49	94 446	42 520,522	932 018,144	21,919	21,458	96	99	94	17,720	32,177	1,816	1,355
47	50	93 988	41 586,919	889 497,622	21,389	20,928	97	100	45	8,326	14,457	1,736	1,275
48	51	93 479	40 650,037	847 910,703	20,859	20,398							
49	52	92 917	39 710,655	807 260,666	20,329	19,867							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	4 059 369,845	40,748	40,287	50	54	92 018	38 650,103	755 570,111	19,549	19,088
1	5	99 205	97 498,575	3 959 748,500	40,613	40,152	51	55	91 333	37 702,579	716 920,008	19,015	18,554
2	6	99 161	95 778,925	3 862 249,925	40,325	39,863	52	56	90 567	36 743,571	679 217,428	18,485	18,024
3	7	99 133	94 105,957	3 766 471,000	40,024	39,563	53	57	89 749	35 785,439	642 473,858	17,953	17,492
4	8	99 110	92 465,737	3 672 365,043	39,716	39,255	54	58	88 866	34 823,893	606 688,419	17,422	16,960
5	9	99 090	90 856,679	3 579 899,307	39,402	38,940	55	59	87 894	33 850,585	571 864,525	16,894	16,433
6	10	99 072	89 278,033	3 489 042,628	39,081	38,619	56	60	86 871	32 881,014	538 013,940	16,362	15,901
7	11	99 054	87 726,221	3 399 764,595	38,754	38,293	57	61	85 752	31 899,390	505 132,926	15,835	15,374
8	12	99 036	86 202,231	3 312 038,374	38,422	37,961	58	62	84 585	30 924,237	473 233,536	15,303	14,842
9	13	99 019	84 704,999	3 225 836,143	38,083	37,622	59	63	83 311	29 934,606	442 309,300	14,776	14,315
10	14	99 001	83 232,821	3 141 131,144	37,739	37,278	60	64	81 962	28 943,104	412 374,694	14,248	13,787
11	15	98 980	81 783,858	3 057 898,323	37,390	36,929	61	65	80 509	27 941,186	383 431,590	13,723	13,262
12	16	98 957	80 358,546	2 976 114,464	37,035	36,574	62	66	78 988	26 941,686	355 490,404	13,195	12,734
13	17	98 930	78 955,505	2 895 755,918	36,676	36,215	63	67	77 375	25 937,821	328 548,718	12,667	12,206
14	18	98 904	77 577,134	2 816 800,413	36,310	35,848	64	68	75 670	24 930,012	302 610,896	12,138	11,677
15	19	98 866	76 213,658	2 739 223,279	35,941	35,480	65	69	73 852	23 912,547	277 680,885	11,612	11,151
16	20	98 825	74 871,792	2 663 009,621	35,568	35,106	66	70	71 904	22 881,240	253 768,338	11,091	10,629
17	21	98 775	73 546,731	2 588 137,829	35,190	34,729	67	71	69 860	21 848,619	230 887,098	10,568	10,106
18	22	98 720	72 241,501	2 514 591,099	34,808	34,347	68	72	67 685	20 804,389	209 038,478	10,048	9,587
19	23	98 643	70 943,255	2 442 349,598	34,427	33,966	69	73	65 328	19 734,556	188 234,089	9,538	9,077
20	24	98 567	69 669,230	2 371 406,343	34,038	33,577	70	74	62 808	18 646,918	168 499,533	9,036	8,575
21	25	98 485	68 414,525	2 301 737,113	33,644	33,183	71	75	60 142	17 548,131	149 852,615	8,540	8,078
22	26	98 408	67 184,971	2 233 322,588	33,241	32,780	72	76	57 282	16 426,442	132 304,484	8,054	7,593
23	27	98 326	65 974,673	2 166 137,617	32,833	32,372	73	77	54 206	15 276,971	115 878,041	7,585	7,124
24	28	98 247	64 787,535	2 100 162,943	32,416	31,955	74	78	50 949	14 112,105	100 601,070	7,129	6,668
25	29	98 164	63 620,041	2 035 375,409	31,993	31,531	75	79	47 477	12 924,153	86 488,965	6,692	6,231
26	30	98 079	62 471,450	1 971 755,367	31,563	31,101	76	80	43 879	11 739,342	73 564,812	6,267	5,805
27	31	97 992	61 342,667	1 909 283,917	31,125	30,664	77	81	40 122	10 549,602	61 825,470	5,860	5,399
28	32	97 898	60 229,833	1 847 941,251	30,681	30,220	78	82	36 241	9 365,207	51 275,868	5,475	5,014
29	33	97 804	59 136,768	1 787 711,418	30,230	29,769	79	83	32 279	8 197,763	41 910,661	5,112	4,651
30	34	97 706	58 061,268	1 728 574,650	29,772	29,310	80	84	28 353	7 077,009	33 712,898	4,764	4,303
31	35	97 601	57 001,623	1 670 513,382	29,306	28,845	81	85	24 473	6 003,349	26 635,889	4,437	3,976
32	36	97 487	55 955,871	1 613 511,758	28,835	28,374	82	86	20 709	4 992,812	20 632,541	4,132	3,671
33	37	97 369	54 926,804	1 557 555,888	28,357	27,896	83	87	17 167	4 067,697	15 639,729	3,845	3,384
34	38	97 247	53 914,501	1 502 629,084	27,871	27,409	84	88	13 827	3 219,762	11 572,031	3,594	3,133
35	39	97 111	52 913,198	1 448 714,583	27,379	26,918	85	89	10 879	2 489,862	8 352,269	3,355	2,893
36	40	96 959	51 921,593	1 395 801,385	26,883	26,422	86	90	8 303	1 867,578	5 862,407	3,139	2,678
37	41	96 801	50 945,705	1 343 879,791	26,379	25,917	87	91	6 184	1 367,031	3 994,830	2,922	2,461
38	42	96 625	49 978,471	1 292 934,087	25,870	25,409	88	92	4 388	953,282	2 627,798	2,757	2,295
39	43	96 430	49 019,593	1 242 955,615	25,356	24,895	89	93	3 022	645,216	1 674,516	2,595	2,134
40	44	96 215	48 069,159	1 193 936,022	24,838	24,377	90	94	2 003	420,281	1 029,300	2,449	1,988
41	45	95 975	47 124,657	1 145 866,863	24,316	23,854	91	95	1 288	265,618	609,019	2,293	1,832
42	46	95 703	46 182,814	1 098 742,206	23,791	23,330	92	96	784	158,932	343,401	2,161	1,699
43	47	95 401	45 245,041	1 052 559,391	23,264	22,802	93	97	452	89,989	184,469	2,050	1,589
44	48	95 052	44 304,337	1 007 314,350	22,736	22,275	94	98	248	48,497	94,481	1,948	1,487
45	49	94 674	43 369,174	963 010,013	22,205	21,744	95	99	129	24,773	45,984	1,856	1,395
46	50	94 248	42 431,566	919 640,839	21,674	21,212	96	100	63	11,963	21,211	1,773	1,312
47	51	93 769	41 489,753	877 209,273	21,143	20,682							
48	52	93 246	40 548,787	835 719,521	20,610	20,149							
49	53	92 659	39 600,623	795 170,734	20,080	19,619							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	4 045 021,546	40,609	40,148	50	55	91 725	38 526,958	742 851,092	19,281	18,820
1	6	99 196	97 489,756	3 945 412,141	40,470	40,009	51	56	91 004	37 566,943	704 324,134	18,749	18,287
2	7	99 153	95 771,245	3 847 922,386	40,178	39,717	52	57	90 224	36 604,206	666 757,191	18,215	17,754
3	8	99 125	94 098,095	3 752 151,140	39,875	39,414	53	58	89 379	35 637,778	630 152,985	17,682	17,221
4	9	99 104	92 459,993	3 658 053,045	39,564	39,102	54	59	88 461	34 665,109	594 515,207	17,150	16,689
5	10	99 084	90 850,911	3 565 593,052	39,247	38,785	55	60	87 474	33 688,835	559 850,098	16,618	16,157
6	11	99 064	89 270,841	3 474 742,141	38,924	38,462	56	61	86 396	32 701,225	526 161,263	16,090	15,629
7	12	99 046	87 719,254	3 385 471,300	38,594	38,133	57	62	85 264	31 718,027	493 460,038	15,558	15,097
8	13	99 029	86 195,623	3 297 752,047	38,259	37,798	58	63	84 055	30 730,194	461 742,011	15,026	14,564
9	14	99 009	84 696,666	3 211 556,423	37,918	37,457	59	64	82 756	29 734,983	431 011,817	14,495	14,034
10	15	98 989	83 222,517	3 126 859,757	37,572	37,111	60	65	81 372	28 734,835	401 276,835	13,965	13,504
11	16	98 966	81 772,772	3 043 637,240	37,221	36,759	61	66	79 886	27 724,853	372 542,000	13,437	12,976
12	17	98 941	80 345,628	2 961 864,468	36,864	36,403	62	67	78 338	26 720,232	344 817,147	12,905	12,444
13	18	98 913	78 941,645	2 881 518,840	36,502	36,041	63	68	76 677	25 703,872	318 096,914	12,375	11,914
14	19	98 883	77 560,188	2 802 577,195	36,134	35,673	64	69	74 929	24 685,819	292 393,043	11,845	11,383
15	20	98 845	76 197,268	2 725 017,007	35,763	35,301	65	70	73 042	23 650,282	267 707,224	11,319	10,858
16	21	98 805	74 855,995	2 648 819,739	35,386	34,924	66	71	71 045	22 607,850	244 056,942	10,795	10,334
17	22	98 754	73 530,834	2 573 963,744	35,005	34,544	67	72	68 928	21 557,093	221 449,092	10,273	9,811
18	23	98 698	72 224,900	2 500 432,910	34,620	34,159	68	73	66 638	20 482,438	199 891,998	9,759	9,298
19	24	98 620	70 927,119	2 428 208,011	34,235	33,774	69	74	64 196	19 392,449	179 409,560	9,252	8,790
20	25	98 544	69 653,390	2 357 280,892	33,843	33,382	70	75	61 594	18 286,584	160 017,111	8,751	8,289
21	26	98 463	68 399,280	2 287 627,502	33,445	32,984	71	76	58 802	17 157,138	141 730,527	8,261	7,800
22	27	98 381	67 167,022	2 219 228,222	33,040	32,579	72	77	55 830	16 010,070	124 573,388	7,781	7,320
23	28	98 301	65 957,643	2 152 061,200	32,628	32,167	73	78	52 637	14 834,638	108 563,318	7,318	6,857
24	29	98 221	64 770,707	2 086 103,557	32,208	31,746	74	79	49 255	13 642,763	93 728,680	6,870	6,409
25	30	98 137	63 602,395	2 021 332,849	31,781	31,320	75	80	45 694	12 438,843	80 085,918	6,438	5,977
26	31	98 052	62 454,306	1 957 730,454	31,347	30,885	76	81	41 976	11 230,169	67 647,074	6,024	5,562
27	32	97 960	61 322,667	1 895 276,148	30,907	30,445	77	82	38 136	10 027,441	56 416,905	5,626	5,165
28	33	97 864	60 208,972	1 833 953,481	30,460	29,999	78	83	34 180	8 832,628	46 389,464	5,252	4,791
29	34	97 768	59 115,373	1 773 744,509	30,005	29,544	79	84	30 182	7 665,243	37 556,836	4,900	4,438
30	35	97 666	58 037,706	1 714 629,136	29,543	29,082	80	85	26 256	6 553,411	29 891,592	4,561	4,100
31	36	97 559	56 977,332	1 656 591,430	29,075	28,613	81	86	22 385	5 491,291	23 338,182	4,250	3,789
32	37	97 442	55 929,778	1 599 614,098	28,600	28,139	82	87	18 708	4 510,264	17 846,891	3,957	3,496
33	38	97 318	54 897,874	1 543 684,321	28,119	27,658	83	88	15 199	3 601,289	13 336,627	3,703	3,242
34	39	97 190	53 882,714	1 488 786,446	27,630	27,169	84	89	12 092	2 815,804	9 735,338	3,457	2,996
35	40	97 043	52 875,986	1 434 903,732	27,137	26,676	85	90	9 359	2 141,857	6 919,535	3,231	2,769
36	41	96 890	51 884,584	1 382 027,746	26,637	26,175	86	91	7 073	1 590,809	4 777,677	3,003	2,542
37	42	96 721	50 903,370	1 330 143,162	26,131	25,670	87	92	5 113	1 130,338	3 186,868	2,819	2,358
38	43	96 534	49 931,194	1 279 239,792	25,620	25,159	88	93	3 559	773,128	2 056,530	2,660	2,199
39	44	96 328	48 967,851	1 229 308,598	25,104	24,643	89	94	2 397	511,732	1 283,403	2,508	2,047
40	45	96 106	48 014,801	1 180 340,747	24,583	24,122	90	95	1 551	325,553	771,671	2,370	1,909
41	46	95 845	47 060,918	1 132 325,945	24,061	23,600	91	96	973	200,688	446,118	2,223	1,762
42	47	95 555	46 111,189	1 085 265,027	23,536	23,075	92	97	577	116,975	245,429	2,098	1,637
43	48	95 235	45 166,523	1 039 153,838	23,007	22,546	93	98	323	64,436	128,454	1,994	1,532
44	49	94 876	44 222,243	993 987,316	22,477	22,016	94	99	172	33,740	64,018	1,897	1,436
45	50	94 476	43 278,442	949 765,073	21,945	21,484	95	100	87	16,724	30,278	1,810	1,349
46	51	94 028	42 332,426	906 486,631	21,414	20,952							
47	52	93 535	41 386,411	864 154,205	20,880	20,419							
48	53	92 988	40 436,433	822 767,794	20,347	19,886							
49	54	92 378	39 480,269	782 331,362	19,816	19,355							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	4 029 778,359	40,459	39,998	50	56	91 395	38 388,356	729 381,900	19,000	18,539
1	7	99 188	97 481,939	3 930 177,965	40,317	39,856	51	57	90 659	37 424,455	690 993,544	18,464	18,002
2	8	99 144	95 763,244	3 832 696,025	40,023	39,561	52	58	89 851	36 453,167	653 569,088	17,929	17,468
3	9	99 119	94 092,250	3 736 932,781	39,716	39,254	53	59	88 971	35 475,283	617 115,921	17,396	16,934
4	10	99 098	92 454,124	3 642 840,531	39,402	38,940	54	60	88 038	34 499,467	581 640,638	16,859	16,398
5	11	99 076	90 843,592	3 550 386,407	39,082	38,621	55	61	86 996	33 504,628	547 141,172	16,330	15,869
6	12	99 056	89 263,751	3 459 542,815	38,756	38,295	56	62	85 904	32 515,303	513 636,543	15,797	15,336
7	13	99 038	87 712,530	3 370 279,064	38,424	37,963	57	63	84 729	31 519,003	481 121,240	15,264	14,803
8	14	99 019	86 187,144	3 282 566,535	38,086	37,625	58	64	83 494	30 525,265	449 602,237	14,729	14,268
9	15	98 997	84 686,181	3 196 379,391	37,744	37,283	59	65	82 160	29 521,015	419 076,971	14,196	13,735
10	16	98 975	83 211,236	3 111 693,209	37,395	36,934	60	66	80 742	28 512,358	389 555,956	13,663	13,202
11	17	98 950	81 759,626	3 028 481,974	37,041	36,580	61	67	79 229	27 496,961	361 043,598	13,130	12,669
12	18	98 923	80 331,524	2 946 722,348	36,682	36,221	62	68	77 632	26 479,226	333 546,637	12,597	12,135
13	19	98 891	78 924,401	2 866 390,824	36,318	35,857	63	69	75 926	25 452,099	307 067,412	12,065	11,603
14	20	98 862	77 543,508	2 787 466,423	35,947	35,486	64	70	74 107	24 415,073	281 615,313	11,534	11,073
15	21	98 824	76 181,191	2 709 922,914	35,572	35,111	65	71	72 169	23 367,704	257 200,240	11,007	10,545
16	22	98 783	74 839,815	2 633 741,723	35,192	34,731	66	72	70 097	22 306,194	233 832,536	10,483	10,022
17	23	98 731	73 513,937	2 558 901,908	34,808	34,347	67	73	67 861	21 223,494	211 526,343	9,967	9,505
18	24	98 675	72 208,472	2 485 387,971	34,420	33,958	68	74	65 483	20 127,367	190 302,848	9,455	8,994
19	25	98 598	70 910,993	2 413 179,499	34,031	33,570	69	75	62 955	19 017,708	170 175,481	8,948	8,487
20	26	98 522	69 637,868	2 342 268,506	33,635	33,174	70	76	60 222	17 879,138	151 157,773	8,454	7,993
21	27	98 437	68 381,006	2 272 630,638	33,235	32,774	71	77	57 311	16 722,245	133 278,636	7,970	7,509
22	28	98 356	67 149,684	2 204 249,631	32,826	32,365	72	78	54 214	15 546,510	116 556,391	7,497	7,036
23	29	98 275	65 940,512	2 137 099,947	32,410	31,948	73	79	50 886	14 341,266	101 009,881	7,043	6,582
24	30	98 194	64 752,742	2 071 159,436	31,986	31,524	74	80	47 405	13 130,468	86 668,615	6,601	6,139
25	31	98 110	63 584,940	2 006 406,693	31,555	31,094	75	81	43 712	11 899,331	73 538,147	6,180	5,719
26	32	98 020	62 433,944	1 942 821,753	31,118	30,657	76	82	39 898	10 674,323	61 638,816	5,774	5,313
27	33	97 926	61 301,429	1 880 387,809	30,674	30,213	77	83	35 968	9 457,203	50 964,493	5,389	4,928
28	34	97 829	60 187,189	1 819 086,380	30,224	29,763	78	84	31 960	8 258,869	41 507,290	5,026	4,565
29	35	97 729	59 091,382	1 758 899,191	29,766	29,305	79	85	27 949	7 098,124	33 248,421	4,684	4,223
30	36	97 624	58 012,973	1 699 807,809	29,300	28,839	80	86	24 016	5 994,435	26 150,297	4,362	3,901
31	37	97 514	56 950,762	1 641 794,836	28,828	28,367	81	87	20 222	4 960,565	20 155,862	4,063	3,602
32	38	97 390	55 900,319	1 584 844,073	28,351	27,890	82	88	16 563	3 993,110	15 195,297	3,805	3,344
33	39	97 260	54 865,508	1 528 943,754	27,867	27,406	83	89	13 292	3 149,464	11 202,187	3,557	3,096
34	40	97 121	53 844,821	1 474 078,246	27,376	26,915	84	90	10 402	2 422,243	8 052,723	3,324	2,863
35	41	96 974	52 838,296	1 420 233,425	26,879	26,418	85	91	7 972	1 824,441	5 630,481	3,086	2,625
36	42	96 809	51 841,469	1 367 395,129	26,376	25,915	86	92	5 848	1 315,370	3 806,040	2,894	2,432
37	43	96 629	50 855,218	1 315 553,660	25,869	25,407	87	93	4 147	916,723	2 490,670	2,717	2,256
38	44	96 432	49 878,490	1 264 698,441	25,356	24,894	88	94	2 822	613,181	1 573,947	2,567	2,106
39	45	96 219	48 912,477	1 214 819,952	24,837	24,375	89	95	1 856	396,392	960,766	2,424	1,963
40	46	95 976	47 949,858	1 165 907,475	24,315	23,854	90	96	1 172	245,972	564,374	2,294	1,833
41	47	95 697	46 987,931	1 117 957,617	23,792	23,331	91	97	716	147,709	318,402	2,156	1,694
42	48	95 389	46 031,167	1 070 969,686	23,266	22,805	92	98	413	83,759	170,694	2,038	1,577
43	49	95 059	45 082,831	1 024 938,519	22,735	22,273	93	99	225	44,829	86,934	1,939	1,478
44	50	94 677	44 129,727	979 855,689	22,204	21,743	94	100	116	22,778	42,105	1,849	1,387
45	51	94 255	43 177,324	935 725,962	21,672	21,210							
46	52	93 794	42 226,985	892 548,638	21,137	20,676							
47	53	93 276	41 271,736	850 321,654	20,603	20,142							
48	54	92 705	40 313,539	809 049,918	20,069	19,608							
49	55	92 083	39 354,479	768 736,379	19,534	19,072							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	4 013 621,647	40,300	39,839	50	57	91 048	38 242,753	715 165,426	18,701	18,239
1	8	99 180	97 473,795	3 914 029,239	40,155	39,693	51	58	90 285	37 270,032	676 922,672	18,163	17,701
2	9	99 138	95 757,296	3 816 555,443	39,857	39,395	52	59	89 442	36 286,954	639 652,641	17,628	17,166
3	10	99 113	94 086,277	3 720 798,147	39,547	39,085	53	60	88 546	35 305,769	603 365,687	17,090	16,629
4	11	99 090	92 446,676	3 626 711,870	39,230	38,769	54	61	87 557	34 310,828	568 059,918	16,556	16,095
5	12	99 068	90 836,377	3 534 265,194	38,908	38,447	55	62	86 501	33 314,139	533 749,090	16,022	15,560
6	13	99 049	89 256,909	3 443 428,817	38,579	38,118	56	63	85 365	32 311,277	500 434,951	15,488	15,027
7	14	99 028	87 703,901	3 354 171,909	38,244	37,783	57	64	84 164	31 308,814	468 123,674	14,952	14,491
8	15	99 007	86 176,475	3 266 468,008	37,904	37,443	58	65	82 893	30 305,611	436 814,860	14,414	13,952
9	16	98 984	84 674,701	3 180 291,533	37,559	37,098	59	66	81 524	29 292,451	406 509,248	13,878	13,416
10	17	98 959	83 197,858	3 095 616,832	37,208	36,747	60	67	80 078	28 277,993	377 216,797	13,340	12,878
11	18	98 933	81 745,274	3 012 418,974	36,851	36,390	61	68	78 514	27 248,949	348 938,805	12,806	12,344
12	19	98 902	80 313,977	2 930 673,700	36,490	36,029	62	69	76 871	26 219,858	321 689,856	12,269	11,808
13	20	98 870	78 907,428	2 850 359,723	36,123	35,662	63	70	75 094	25 172,949	295 469,998	11,738	11,276
14	21	98 841	77 527,148	2 771 452,295	35,748	35,287	64	71	73 222	24 123,356	270 297,049	11,205	10,744
15	22	98 803	76 164,725	2 693 925,147	35,370	34,909	65	72	71 206	23 055,909	246 173,693	10,677	10,216
16	23	98 761	74 822,617	2 617 760,423	34,986	34,525	66	73	69 012	21 961,002	223 117,784	10,160	9,699
17	24	98 709	73 497,215	2 542 937,805	34,599	34,138	67	74	66 685	20 855,576	201 156,782	9,645	9,184
18	25	98 653	72 192,055	2 469 440,590	34,207	33,745	68	75	64 217	19 738,424	180 301,206	9,135	8,673
19	26	98 576	70 895,191	2 397 248,535	33,814	33,353	69	76	61 553	18 593,971	160 562,782	8,635	8,174
20	27	98 496	69 619,264	2 326 353,343	33,415	32,954	70	77	58 696	17 425,943	141 968,810	8,147	7,686
21	28	98 412	68 363,355	2 256 734,079	33,011	32,550	71	78	55 652	16 238,064	124 542,867	7,670	7,209
22	29	98 331	67 132,243	2 188 370,724	32,598	32,137	72	79	52 411	15 029,463	108 304,803	7,206	6,745
23	30	98 248	65 922,222	2 121 238,481	32,178	31,717	73	80	48 975	13 802,742	93 275,340	6,758	6,297
24	31	98 167	64 734,972	2 055 316,259	31,750	31,289	74	81	45 349	12 560,958	79 472,598	6,327	5,866
25	32	98 078	63 564,210	1 990 581,287	31,316	30,855	75	82	41 549	11 310,364	66 911,640	5,916	5,455
26	33	97 986	62 412,320	1 927 017,077	30,876	30,414	76	83	37 630	10 067,298	55 601,276	5,523	5,062
27	34	97 891	61 279,250	1 864 604,757	30,428	29,967	77	84	33 631	8 842,871	45 533,979	5,149	4,688
28	35	97 789	60 162,764	1 803 325,507	29,974	29,513	78	85	29 595	7 647,830	36 691,107	4,798	4,336
29	36	97 687	59 066,200	1 743 162,743	29,512	29,051	79	86	25 565	6 492,687	29 043,277	4,473	4,012
30	37	97 579	57 985,921	1 684 096,542	29,043	28,582	80	87	21 695	5 415,081	22 550,591	4,164	3,703
31	38	97 463	56 920,766	1 626 110,622	28,568	28,107	81	88	17 903	4 391,779	17 135,510	3,902	3,441
32	39	97 333	55 867,362	1 569 189,855	28,088	27,627	82	89	14 485	3 492,126	12 743,730	3,649	3,188
33	40	97 192	54 826,923	1 513 322,493	27,602	27,141	83	90	11 434	2 709,267	9 251,604	3,415	2,954
34	41	97 052	53 806,441	1 458 495,570	27,106	26,645	84	91	8 860	2 063,274	6 542,337	3,171	2,710
35	42	96 893	52 794,389	1 404 689,129	26,607	26,146	85	92	6 592	1 508,550	4 479,062	2,969	2,508
36	43	96 718	51 792,430	1 351 894,740	26,102	25,641	86	93	4 743	1 066,787	2 970,513	2,785	2,323
37	44	96 527	50 801,538	1 300 102,310	25,592	25,131	87	94	3 289	727,069	1 903,726	2,618	2,157
38	45	96 323	49 822,086	1 249 300,772	25,075	24,614	88	95	2 186	474,975	1 176,657	2,477	2,016
39	46	96 089	48 846,320	1 199 478,687	24,556	24,095	89	96	1 403	299,495	701,682	2,343	1,882
40	47	95 827	47 875,492	1 150 632,367	24,034	23,573	90	97	863	181,038	402,188	2,222	1,760
41	48	95 531	46 906,387	1 102 756,875	23,510	23,049	91	98	513	105,766	221,150	2,091	1,630
42	49	95 212	45 945,873	1 055 850,488	22,980	22,519	92	99	287	58,273	115,384	1,980	1,519
43	50	94 860	44 988,514	1 009 904,615	22,448	21,987	93	100	152	30,264	57,111	1,887	1,426
44	51	94 456	44 026,619	964 916,101	21,917	21,455							
45	52	94 020	43 069,778	920 889,482	21,381	20,920							
46	53	93 534	42 109,981	877 819,704	20,846	20,385							
47	54	92 993	41 146,303	835 709,723	20,311	19,849							
48	55	92 410	40 185,094	794 563,420	19,773	19,311							
49	56	91 752	39 212,900	754 378,326	19,238	18,777							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	3 996 538,092	40,132	39,671	50	58	90 672	38 084,953	700 199,723	18,385	17,924
1	9	99 173	97 467,741	3 896 954,003	39,982	39,521	51	59	89 873	37 100,094	662 114,770	17,847	17,386
2	10	99 132	95 751,217	3 799 486,262	39,681	39,220	52	60	89 014	36 113,562	625 014,676	17,307	16,846
3	11	99 105	94 078,697	3 703 735,045	39,368	38,907	53	61	88 062	35 112,722	588 901,114	16,772	16,311
4	12	99 082	92 439,333	3 609 656,348	39,049	38,588	54	62	87 059	34 115,755	553 788,393	16,233	15,771
5	13	99 060	90 829,414	3 517 217,014	38,723	38,262	55	63	85 958	33 105,100	519 672,638	15,698	15,236
6	14	99 039	89 248,128	3 426 387,600	38,392	37,930	56	64	84 796	32 095,805	486 567,538	15,160	14,699
7	15	99 016	87 693,044	3 337 139,472	38,055	37,594	57	65	83 559	31 083,522	454 471,733	14,621	14,160
8	16	98 993	86 164,792	3 249 446,428	37,712	37,251	58	66	82 251	30 070,972	423 388,211	14,080	13,618
9	17	98 968	84 661,089	3 163 281,636	37,364	36,903	59	67	80 854	29 051,674	393 317,239	13,539	13,077
10	18	98 942	83 183,254	3 078 620,547	37,010	36,549	60	68	79 356	28 022,936	364 265,565	12,999	12,538
11	19	98 911	81 727,418	2 995 437,293	36,652	36,190	61	69	77 745	26 982,042	336 242,629	12,462	12,001
12	20	98 881	80 296,705	2 913 709,876	36,287	35,826	62	70	76 028	25 932,287	309 260,588	11,926	11,464
13	21	98 849	78 890,780	2 833 413,171	35,916	35,454	63	71	74 196	24 872,177	283 328,301	11,391	10,930
14	22	98 819	77 510,390	2 754 522,391	35,537	35,076	64	72	72 245	23 801,479	258 456,124	10,859	10,398
15	23	98 780	76 147,223	2 677 012,001	35,156	34,695	65	73	70 105	22 699,115	234 654,645	10,338	9,876
16	24	98 738	74 805,598	2 600 864,778	34,768	34,307	66	74	67 816	21 580,299	211 955,530	9,822	9,361
17	25	98 686	73 480,506	2 526 059,180	34,377	33,916	67	75	65 396	20 452,562	190 375,231	9,308	8,847
18	26	98 631	72 175,968	2 452 578,674	33,981	33,519	68	76	62 787	19 298,629	169 922,669	8,805	8,344
19	27	98 550	70 876,251	2 380 402,707	33,585	33,124	69	77	59 992	18 122,657	150 624,040	8,311	7,850
20	28	98 470	69 601,293	2 309 526,456	33,182	32,721	70	78	56 996	16 921,387	132 501,382	7,830	7,369
21	29	98 386	68 345,599	2 239 925,162	32,774	32,312	71	79	53 801	15 698,017	115 579,995	7,363	6,902
22	30	98 303	67 113,623	2 171 579,564	32,357	31,896	72	80	50 443	14 465,097	99 881,978	6,905	6,444
23	31	98 221	65 904,131	2 104 465,941	31,932	31,471	73	81	46 851	13 204,073	85 416,881	6,469	6,008
24	32	98 135	64 713,866	2 038 561,810	31,501	31,040	74	82	43 105	11 939,244	72 212,808	6,048	5,587
25	33	98 044	63 542,195	1 973 847,943	31,064	30,602	75	83	39 186	10 667,169	60 273,565	5,650	5,189
26	34	97 951	62 389,740	1 910 305,748	30,619	30,158	76	84	35 185	9 413,335	49 606,396	5,270	4,809
27	35	97 851	61 254,382	1 847 916,008	30,168	29,707	77	85	31 143	8 188,624	40 193,061	4,908	4,447
28	36	97 748	60 137,125	1 786 661,626	29,710	29,249	78	86	27 071	6 995,505	32 004,437	4,575	4,114
29	37	97 642	59 038,657	1 726 524,501	29,244	28,783	79	87	23 004	5 865,178	25 008,932	4,264	3,803
30	38	97 527	57 955,379	1 667 485,844	28,772	28,311	80	88	19 207	4 794,180	19 143,754	3,993	3,532
31	39	97 405	56 887,208	1 609 530,465	28,293	27,832	81	89	15 657	3 840,777	14 349,575	3,736	3,275
32	40	97 264	55 828,073	1 552 643,257	27,811	27,350	82	90	12 460	3 004,036	10 508,797	3,498	3,037
33	41	97 123	54 787,843	1 496 815,184	27,320	26,859	83	91	9 740	2 307,763	7 504,761	3,252	2,791
34	42	96 971	53 761,729	1 442 027,341	26,823	26,361	84	92	7 326	1 706,030	5 196,998	3,046	2,585
35	43	96 801	52 744,448	1 388 265,613	26,321	25,859	85	93	5 346	1 223,459	3 490,967	2,853	2,392
36	44	96 615	51 737,760	1 335 521,165	25,813	25,352	86	94	3 762	846,087	2 267,508	2,680	2,219
37	45	96 418	50 744,090	1 283 783,404	25,299	24,838	87	95	2 548	563,193	1 421,421	2,524	2,063
38	46	96 193	49 754,698	1 233 039,314	24,782	24,321	88	96	1 652	358,868	858,228	2,391	1,930
39	47	95 940	48 770,563	1 183 284,615	24,262	23,801	89	97	1 032	220,431	499,360	2,265	1,804
40	48	95 661	47 792,408	1 134 514,052	23,738	23,277	90	98	618	129,631	278,929	2,152	1,691
41	49	95 354	46 819,471	1 086 721,644	23,211	22,750	91	99	357	73,583	149,298	2,029	1,568
42	50	95 013	45 849,751	1 039 902,173	22,681	22,219	92	100	194	39,340	75,715	1,925	1,463
43	51	94 638	44 883,400	994 052,422	22,147	21,686							
44	52	94 221	43 916,958	949 169,022	21,613	21,152							
45	53	93 760	42 950,439	905 252,064	21,077	20,615							
46	54	93 249	41 982,001	862 301,625	20,540	20,079							
47	55	92 696	41 015,205	820 319,624	20,000	19,539							
48	56	92 077	40 040,527	779 304,419	19,463	19,002							
49	57	91 404	39 064,170	739 263,893	18,924	18,463							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	3 978 519,060	39,954	39,493	50	59	90 259	37 911,299	684 491,648	18,055	17,594
1	10	99 167	97 461,553	3 878 941,157	39,800	39,339	51	60	89 444	36 922,816	646 580,348	17,512	17,050
2	11	99 124	95 743,504	3 781 479,604	39,496	39,035	52	61	88 528	35 916,097	609 657,532	16,974	16,513
3	12	99 097	94 071,226	3 685 736,100	39,180	38,719	53	62	87 561	34 913,089	573 741,435	16,433	15,972
4	13	99 074	92 432,248	3 591 664,875	38,857	38,396	54	63	86 513	33 901,686	538 828,346	15,894	15,433
5	14	99 050	90 820,479	3 499 232,627	38,529	38,068	55	64	85 385	32 884,334	504 926,660	15,355	14,893
6	15	99 027	89 237,080	3 408 412,148	38,195	37,734	56	65	84 186	31 864,849	472 042,325	14,814	14,353
7	16	99 003	87 681,156	3 319 175,068	37,855	37,394	57	66	82 912	30 842,860	440 177,476	14,272	13,810
8	17	98 977	86 150,940	3 231 493,912	37,510	37,048	58	67	81 575	29 823,796	409 334,616	13,725	13,264
9	18	98 950	84 646,227	3 145 342,972	37,159	36,697	59	68	80 125	28 789,639	379 510,820	13,182	12,721
10	19	98 920	83 165,084	3 060 696,744	36,803	36,341	60	69	78 579	27 748,447	350 721,182	12,639	12,178
11	20	98 890	81 709,842	2 977 531,661	36,440	35,979	61	70	76 893	26 686,112	322 972,735	12,103	11,641
12	21	98 860	80 279,763	2 895 821,819	36,072	35,610	62	71	75 120	25 622,443	296 286,623	11,564	11,102
13	22	98 828	78 873,728	2 815 542,056	35,697	35,236	63	72	73 206	24 540,308	270 664,180	11,029	10,568
14	23	98 797	77 492,579	2 736 668,328	35,315	34,854	64	73	71 127	23 433,147	246 123,872	10,503	10,042
15	24	98 758	76 129,903	2 659 175,750	34,929	34,468	65	74	68 889	22 305,617	222 690,725	9,984	9,522
16	25	98 716	74 788,591	2 583 045,847	34,538	34,077	66	75	66 505	21 163,280	200 385,108	9,469	9,007
17	26	98 664	73 464,131	2 508 257,256	34,143	33,681	67	76	63 939	19 996,855	179 221,829	8,963	8,501
18	27	98 604	72 156,685	2 434 793,125	33,743	33,282	68	77	61 195	18 809,454	159 224,974	8,465	8,004
19	28	98 524	70 857,956	2 362 636,440	33,343	32,882	69	78	58 255	17 597,929	140 415,520	7,979	7,518
20	29	98 445	69 583,215	2 291 778,484	32,936	32,475	70	79	55 101	16 358,614	122 817,591	7,508	7,047
21	30	98 359	68 326,642	2 222 195,269	32,523	32,062	71	80	51 781	15 108,546	106 458,977	7,046	6,585
22	31	98 276	67 095,204	2 153 868,626	32,102	31,640	72	81	48 255	13 837,699	91 350,431	6,602	6,140
23	32	98 189	65 882,644	2 086 773,422	31,674	31,213	73	82	44 532	12 550,527	77 512,731	6,176	5,715
24	33	98 101	64 691,453	2 020 890,778	31,239	30,778	74	83	40 653	11 260,285	64 962,204	5,769	5,308
25	34	98 009	63 519,206	1 956 199,324	30,797	30,336	75	84	36 640	9 974,239	53 701,919	5,384	4,923
26	35	97 911	62 364,421	1 892 680,118	30,349	29,888	76	85	32 582	8 716,882	43 727,680	5,016	4,555
27	36	97 810	61 228,278	1 830 315,698	29,893	29,432	77	86	28 487	7 490,172	35 010,798	4,674	4,213
28	37	97 702	60 109,082	1 769 087,419	29,431	28,970	78	87	24 455	6 319,399	27 520,626	4,355	3,894
29	38	97 590	59 007,561	1 708 978,337	28,962	28,501	79	88	20 446	5 192,667	21 201,227	4,083	3,622
30	39	97 470	57 921,211	1 649 970,776	28,486	28,025	80	89	16 798	4 192,692	16 008,560	3,818	3,357
31	40	97 337	56 847,201	1 592 049,565	28,006	27,545	81	90	13 469	3 303,957	11 815,867	3,576	3,115
32	41	97 195	55 788,279	1 535 202,364	27,518	27,057	82	91	10 614	2 558,848	8 511,911	3,326	2,865
33	42	97 042	54 742,315	1 479 414,085	27,025	26,564	83	92	8 053	1 908,187	5 953,062	3,120	2,659
34	43	96 880	53 710,873	1 424 671,770	26,525	26,064	84	93	5 942	1 383,619	4 044,875	2,923	2,462
35	44	96 699	52 688,774	1 370 960,897	26,020	25,559	85	94	4 240	970,346	2 661,256	2,743	2,281
36	45	96 506	51 679,254	1 318 272,123	25,509	25,048	86	95	2 914	655,386	1 690,910	2,580	2,119
37	46	96 288	50 675,456	1 266 592,869	24,994	24,533	87	96	1 925	425,522	1 035,524	2,434	1,972
38	47	96 043	49 677,533	1 215 917,413	24,476	24,015	88	97	1 216	264,130	610,002	2,309	1,848
39	48	95 774	48 685,926	1 166 239,880	23,954	23,493	89	98	739	157,838	345,872	2,191	1,730
40	49	95 484	47 703,851	1 117 553,954	23,427	22,966	90	99	430	90,187	188,033	2,085	1,624
41	50	95 154	46 721,522	1 069 850,103	22,898	22,437	91	100	241	49,676	97,846	1,970	1,508
42	51	94 791	45 742,624	1 023 128,582	22,367	21,906							
43	52	94 402	44 771,605	977 385,957	21,830	21,369							
44	53	93 960	43 795,272	932 614,352	21,295	20,834							
45	54	93 475	42 819,904	888 819,081	20,757	20,296							
46	55	92 952	41 848,240	845 999,176	20,216	19,755							
47	56	92 363	40 867,651	804 150,936	19,677	19,216							
48	57	91 728	39 888,657	763 283,285	19,135	18,674							
49	58	91 027	38 902,980	723 394,628	18,595	18,134							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	3 959 556,388	39,766	39,305	50	60	89 828	37 730,146	668 055,075	17,706	17,245
1	11	99 159	97 453,702	3 859 984,806	39,608	39,147	51	61	88 955	36 720,927	630 324,929	17,165	16,704
2	12	99 116	95 735,899	3 762 531,104	39,301	38,840	52	62	88 024	35 711,897	593 604,002	16,622	16,161
3	13	99 089	94 064,015	3 666 795,205	38,982	38,521	53	63	87 012	34 694,018	557 892,105	16,080	15,619
4	14	99 065	92 423,155	3 572 731,190	38,656	38,195	54	64	85 936	33 675,608	523 198,087	15,536	15,075
5	15	99 038	90 809,236	3 480 308,035	38,325	37,864	55	65	84 771	32 647,705	489 522,479	14,994	14,533
6	16	99 013	89 224,983	3 389 498,799	37,988	37,527	56	66	83 534	31 618,138	456 874,775	14,450	13,989
7	17	98 987	87 667,060	3 300 273,816	37,646	37,184	57	67	82 230	30 589,339	425 256,637	13,902	13,441
8	18	98 960	86 135,818	3 212 606,756	37,297	36,836	58	68	80 840	29 554,796	394 667,298	13,354	12,893
9	19	98 929	84 627,737	3 126 470,939	36,944	36,483	59	69	79 340	28 507,640	365 112,502	12,808	12,346
10	20	98 899	83 147,199	3 041 843,201	36,584	36,123	60	70	77 717	27 444,112	336 604,862	12,265	11,804
11	21	98 869	81 692,602	2 958 696,003	36,217	35,756	61	71	75 974	26 367,260	309 160,750	11,725	11,264
12	22	98 838	80 262,411	2 877 003,401	35,845	35,384	62	72	74 117	25 280,563	282 793,490	11,186	10,725
13	23	98 805	78 855,603	2 796 740,990	35,467	35,005	63	73	72 073	24 160,543	257 512,927	10,658	10,197
14	24	98 774	77 474,953	2 717 885,387	35,081	34,620	64	74	69 894	23 026,924	233 352,384	10,134	9,673
15	25	98 735	76 112,594	2 640 410,434	34,691	34,230	65	75	67 558	21 874,581	210 325,460	9,615	9,154
16	26	98 694	74 771,925	2 564 297,840	34,295	33,834	66	76	65 023	20 691,737	188 450,879	9,108	8,646
17	27	98 638	73 444,504	2 489 525,915	33,897	33,435	67	77	62 319	19 489,981	167 759,141	8,607	8,146
18	28	98 579	72 138,059	2 416 081,411	33,492	33,031	68	78	59 423	18 264,840	148 269,160	8,118	7,657
19	29	98 499	70 839,551	2 343 943,351	33,088	32,627	69	79	56 318	17 012,655	130 004,321	7,642	7,180
20	30	98 418	69 563,916	2 273 103,800	32,676	32,215	70	80	53 031	15 744,338	112 991,666	7,177	6,715
21	31	98 332	68 307,891	2 203 539,884	32,259	31,798	71	81	49 535	14 453,240	97 247,328	6,728	6,267
22	32	98 244	67 073,330	2 135 231,993	31,834	31,373	72	82	45 867	13 152,792	82 794,088	6,295	5,834
23	33	98 155	65 859,826	2 068 158,664	31,402	30,941	73	83	42 000	11 836,806	69 641,296	5,883	5,422
24	34	98 065	64 668,048	2 002 298,838	30,963	30,502	74	84	38 013	10 528,827	57 804,490	5,490	5,029
25	35	97 969	63 493,428	1 937 630,789	30,517	30,056	75	85	33 930	9 236,287	47 275,663	5,118	4,657
26	36	97 869	62 337,844	1 874 137,361	30,064	29,603	76	86	29 803	7 973,372	38 039,376	4,771	4,310
27	37	97 764	61 199,726	1 811 799,517	29,605	29,143	77	87	25 733	6 766,258	30 066,004	4,444	3,982
28	38	97 651	60 077,423	1 750 599,790	29,139	28,678	78	88	21 651	5 594,807	23 299,746	4,165	3,703
29	39	97 533	58 972,772	1 690 522,367	28,666	28,205	79	89	17 881	4 541,185	17 704,939	3,899	3,438
30	40	97 401	57 880,477	1 631 549,595	28,188	27,727	80	90	14 450	3 606,685	13 163,754	3,650	3,189
31	41	97 267	56 806,681	1 573 669,118	27,702	27,241	81	91	11 473	2 814,322	9 557,070	3,396	2,935
32	42	97 114	55 741,920	1 516 862,437	27,212	26,751	82	92	8 776	2 115,799	6 742,748	3,187	2,726
33	43	96 950	54 690,532	1 461 120,517	26,716	26,255	83	93	6 531	1 547,572	4 626,949	2,990	2,529
34	44	96 777	53 654,178	1 406 429,985	26,213	25,752	84	94	4 712	1 097,372	3 079,378	2,806	2,345
35	45	96 590	52 629,192	1 352 775,807	25,704	25,243	85	95	3 284	751,638	1 982,006	2,637	2,176
36	46	96 376	51 609,355	1 300 146,614	25,192	24,731	86	96	2 202	495,178	1 230,367	2,485	2,023
37	47	96 138	50 596,862	1 248 537,260	24,676	24,215	87	97	1 417	313,188	735,190	2,347	1,886
38	48	95 877	49 591,322	1 197 940,397	24,156	23,695	88	98	871	189,129	422,002	2,231	1,770
39	49	95 596	48 595,713	1 148 349,076	23,631	23,169	89	99	514	109,811	232,872	2,121	1,659
40	50	95 284	47 604,051	1 099 753,363	23,102	22,641	90	100	290	60,885	123,061	2,021	1,560
41	51	94 932	46 612,359	1 052 149,312	22,572	22,111							
42	52	94 555	45 628,689	1 005 536,954	22,037	21,576							
43	53	94 141	44 647,550	959 908,264	21,500	21,038							
44	54	93 674	43 662,170	915 260,714	20,962	20,501							
45	55	93 177	42 683,474	871 598,544	20,420	19,959							
46	56	92 618	41 697,689	828 915,071	19,879	19,418							
47	57	92 013	40 712,645	787 217,381	19,336	18,875							
48	58	91 349	39 724,066	746 504,737	18,792	18,331							
49	59	90 612	38 725,597	706 780,671	18,251	17,790							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	3 939 646,959	39,569	39,108	50	61	89 336	37 523,842	650 898,509	17,346	16,885
1	12	99 151	97 445,962	3 840 083,399	39,407	38,946	51	62	88 449	36 512,151	613 374,668	16,799	16,338
2	13	99 108	95 728,561	3 742 637,437	39,096	38,635	52	63	87 472	35 487,813	576 862,516	16,255	15,794
3	14	99 080	94 054,761	3 646 908,876	38,774	38,313	53	64	86 432	34 462,656	541 374,703	15,709	15,248
4	15	99 052	92 411,713	3 552 854,115	38,446	37,985	54	65	85 317	33 433,284	506 912,048	15,162	14,701
5	16	99 025	90 796,926	3 460 442,401	38,112	37,651	55	66	84 114	32 394,932	473 478,763	14,616	14,155
6	17	98 997	89 210,639	3 369 645,475	37,772	37,311	56	67	82 847	31 358,244	441 083,831	14,066	13,605
7	18	98 969	87 651,671	3 280 434,837	37,426	36,965	57	68	81 489	30 313,434	409 725,587	13,516	13,055
8	19	98 938	86 117,002	3 192 783,165	37,075	36,614	58	69	80 048	29 265,303	379 412,152	12,965	12,503
9	20	98 907	84 609,538	3 106 666,163	36,718	36,256	59	70	78 470	28 194,978	350 146,850	12,419	11,958
10	21	98 878	83 129,655	3 022 056,625	36,354	35,892	60	71	76 788	27 116,203	321 951,872	11,873	11,412
11	22	98 848	81 674,944	2 938 926,970	35,983	35,522	61	72	74 960	26 015,442	294 835,668	11,333	10,872
12	23	98 816	80 243,967	2 857 252,025	35,607	35,146	62	73	72 971	24 889,342	268 820,226	10,801	10,339
13	24	98 783	78 837,667	2 777 008,059	35,224	34,763	63	74	70 824	23 741,710	243 930,884	10,274	9,813
14	25	98 752	77 457,339	2 698 170,392	34,834	34,373	64	75	68 543	22 581,950	220 189,174	9,751	9,289
15	26	98 713	76 095,633	2 620 713,053	34,440	33,979	65	76	66 053	21 387,190	197 607,223	9,240	8,778
16	27	98 667	74 751,949	2 544 617,420	34,041	33,580	66	77	63 375	20 167,250	176 220,033	8,738	8,277
17	28	98 613	73 425,546	2 469 865,471	33,638	33,176	67	78	60 514	18 925,663	156 052,783	8,246	7,784
18	29	98 553	72 119,323	2 396 439,925	33,229	32,768	68	79	57 447	17 657,386	137 127,121	7,766	7,305
19	30	98 471	70 819,903	2 324 320,602	32,820	32,359	69	80	54 203	16 373,819	119 469,735	7,296	6,835
20	31	98 391	69 544,825	2 253 500,699	32,404	31,942	70	81	50 731	15 061,456	103 095,916	6,845	6,384
21	32	98 300	68 285,621	2 183 955,875	31,983	31,521	71	82	47 083	13 737,866	88 034,461	6,408	5,947
22	33	98 210	67 050,099	2 115 670,254	31,554	31,092	72	83	43 258	12 404,821	74 296,595	5,989	5,528
23	34	98 119	65 835,999	2 048 620,155	31,117	30,656	73	84	39 272	11 067,898	61 891,774	5,592	5,131
24	35	98 026	64 641,805	1 982 784,156	30,673	30,212	74	85	35 200	9 749,843	50 823,876	5,213	4,752
25	36	97 927	63 466,370	1 918 142,351	30,223	29,762	75	86	31 036	8 448,474	41 074,032	4,862	4,401
26	37	97 824	62 308,775	1 854 675,981	29,766	29,305	76	87	26 922	7 202,757	32 625,558	4,530	4,068
27	38	97 712	61 167,493	1 792 367,206	29,303	28,841	77	88	22 783	5 990,428	25 422,802	4,244	3,783
28	39	97 593	60 042,003	1 731 199,713	28,833	28,372	78	89	18 934	4 892,871	19 432,374	3,972	3,510
29	40	97 464	58 931,299	1 671 157,710	28,358	27,897	79	90	15 382	3 906,469	14 539,502	3,722	3,261
30	41	97 332	57 839,220	1 612 226,411	27,874	27,413	80	91	12 308	3 072,186	10 633,033	3,461	3,000
31	42	97 186	56 759,476	1 554 387,191	27,386	26,924	81	92	9 486	2 327,038	7 560,847	3,249	2,788
32	43	97 022	55 689,191	1 497 627,716	26,893	26,431	82	93	7 117	1 715,948	5 233,809	3,050	2,589
33	44	96 848	54 632,804	1 441 938,524	26,393	25,932	83	94	5 180	1 227,406	3 517,861	2,866	2,405
34	45	96 668	53 593,505	1 387 305,721	25,886	25,425	84	95	3 650	850,033	2 290,455	2,695	2,233
35	46	96 459	52 558,008	1 333 712,216	25,376	24,915	85	96	2 481	567,902	1 440,422	2,536	2,075
36	47	96 226	51 529,313	1 281 154,208	24,863	24,401	86	97	1 620	364,456	872,520	2,394	1,933
37	48	95 972	50 509,056	1 229 624,895	24,345	23,883	87	98	1 014	224,257	508,065	2,266	1,804
38	49	95 699	49 499,431	1 179 115,839	23,821	23,360	88	99	606	131,581	283,808	2,157	1,696
39	50	95 396	48 494,047	1 129 616,408	23,294	22,833	89	100	347	74,133	152,227	2,053	1,592
40	51	95 062	47 492,826	1 081 122,361	22,764	22,303							
41	52	94 695	46 496,257	1 033 629,536	22,230	21,769							
42	53	94 293	45 502,260	987 133,278	21,694	21,233							
43	54	93 855	44 511,858	941 631,019	21,155	20,693							
44	55	93 376	43 523,055	897 119,161	20,613	20,151							
45	56	92 842	42 529,918	853 596,105	20,070	19,609							
46	57	92 267	41 539,534	811 066,187	19,525	19,064							
47	58	91 633	40 544,653	769 526,652	18,980	18,519							
48	59	90 933	39 542,938	728 981,999	18,435	17,974							
49	60	90 179	38 540,552	689 439,061	17,889	17,427							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	3 918 791,662	39,363	38,902	50	62	88 828	37 310,501	633 051,095	16,967	16,506
1	13	99 144	97 438,492	3 819 236,010	39,196	38,735	51	63	87 894	36 283,046	595 740,594	16,419	15,958
2	14	99 099	95 719,144	3 721 797,517	38,882	38,421	52	64	86 889	35 251,158	559 457,549	15,871	15,409
3	15	99 067	94 043,118	3 626 078,373	38,558	38,096	53	65	85 810	34 214,669	524 206,391	15,321	14,860
4	16	99 039	92 399,186	3 532 035,255	38,226	37,765	54	66	84 657	33 174,429	489 991,722	14,770	14,309
5	17	99 009	90 782,329	3 439 636,069	37,889	37,428	55	67	83 423	32 128,653	456 817,293	14,218	13,757
6	18	98 980	89 194,979	3 348 853,740	37,545	37,084	56	68	82 100	31 075,405	424 688,639	13,666	13,205
7	19	98 948	87 632,525	3 259 658,761	37,197	36,736	57	69	80 690	30 016,510	393 613,234	13,113	12,652
8	20	98 917	86 098,482	3 172 026,237	36,842	36,381	58	70	79 170	28 944,331	363 596,724	12,562	12,101
9	21	98 887	84 591,686	3 085 927,754	36,480	36,019	59	71	77 532	27 858,098	334 652,394	12,013	11,552
10	22	98 857	83 111,687	3 001 336,068	36,112	35,651	60	72	75 764	26 754,392	306 794,295	11,467	11,006
11	23	98 825	81 656,176	2 918 224,381	35,738	35,277	61	73	73 800	25 612,849	280 039,903	10,934	10,472
12	24	98 793	80 225,715	2 836 568,205	35,357	34,896	62	74	71 706	24 457,875	254 427,054	10,403	9,941
13	25	98 760	78 819,743	2 756 342,490	34,970	34,509	63	75	69 455	23 282,924	229 969,178	9,877	9,416
14	26	98 730	77 440,078	2 677 522,747	34,575	34,114	64	76	67 016	22 078,798	206 686,255	9,361	8,900
15	27	98 687	76 075,303	2 600 082,669	34,178	33,717	65	77	64 378	20 845,075	184 607,457	8,856	8,395
16	28	98 642	74 732,653	2 524 007,366	33,774	33,313	66	78	61 540	19 583,322	163 762,382	8,362	7,901
17	29	98 587	73 406,475	2 449 274,713	33,366	32,905	67	79	58 502	18 296,231	144 179,600	7,880	7,419
18	30	98 526	72 099,320	2 375 868,238	32,953	32,492	68	80	55 290	16 994,339	125 882,830	7,407	6,946
19	31	98 444	70 800,467	2 303 768,918	32,539	32,078	69	81	51 852	15 663,634	108 888,490	6,952	6,490
20	32	98 358	69 522,151	2 232 968,451	32,119	31,658	70	82	48 220	14 315,977	93 224,856	6,512	6,051
21	33	98 266	68 261,970	2 163 446,300	31,693	31,232	71	83	44 405	12 956,624	78 908,879	6,090	5,629
22	34	98 175	67 025,841	2 095 184,329	31,259	30,798	72	84	40 448	11 599,015	65 952,255	5,686	5,225
23	35	98 080	65 809,281	2 028 158,488	30,819	30,358	73	85	36 366	10 249,031	54 353,240	5,303	4,842
24	36	97 984	64 614,257	1 962 349,207	30,370	29,909	74	86	32 198	8 918,226	44 104,209	4,945	4,484
25	37	97 882	63 436,775	1 897 734,950	29,915	29,454	75	87	28 036	7 631,941	35 185,983	4,610	4,149
26	38	97 772	62 275,957	1 834 298,175	29,454	28,993	76	88	23 835	6 376,878	27 554,042	4,321	3,860
27	39	97 655	61 131,430	1 772 022,218	28,987	28,526	77	89	19 924	5 238,857	21 177,165	4,042	3,581
28	40	97 524	59 999,778	1 710 890,788	28,515	28,054	78	90	16 288	4 209,001	15 938,308	3,787	3,326
29	41	97 395	58 889,293	1 650 891,010	28,034	27,573	79	91	13 102	3 327,544	11 729,307	3,525	3,064
30	42	97 251	57 791,157	1 592 001,717	27,547	27,086	80	92	10 177	2 540,255	8 401,763	3,307	2,846
31	43	97 094	56 705,784	1 534 210,560	27,056	26,594	81	93	7 693	1 887,267	5 861,508	3,106	2,645
32	44	96 920	55 630,409	1 477 504,776	26,559	26,098	82	94	5 645	1 360,948	3 974,241	2,920	2,459
33	45	96 738	54 571,024	1 421 874,367	26,055	25,594	83	95	4 013	950,758	2 613,294	2,749	2,287
34	46	96 537	53 521,016	1 367 303,343	25,547	25,086	84	96	2 758	642,244	1 662,535	2,589	2,127
35	47	96 310	52 476,495	1 313 782,327	25,036	24,574	85	97	1 826	417,981	1 020,291	2,441	1,980
36	48	96 059	51 439,888	1 261 305,832	24,520	24,059	86	98	1 160	260,967	602,310	2,308	1,847
37	49	95 794	50 415,464	1 209 865,944	23,998	23,537	87	99	706	156,020	341,344	2,188	1,727
38	50	95 499	49 395,874	1 159 450,480	23,473	23,011	88	100	409	88,830	185,324	2,086	1,625
39	51	95 173	48 380,743	1 110 054,605	22,944	22,483							
40	52	94 825	47 374,531	1 061 673,863	22,410	21,949							
41	53	94 433	46 367,424	1 014 299,331	21,875	21,414							
42	54	94 006	45 363,970	967 931,908	21,337	20,876							
43	55	93 556	44 370,037	922 567,938	20,793	20,331							
44	56	93 040	43 366,480	878 197,901	20,251	19,789							
45	57	92 490	42 368,607	834 831,422	19,704	19,243							
46	58	91 886	41 368,131	792 462,815	19,156	18,695							
47	59	91 215	40 359,784	751 094,684	18,610	18,149							
48	60	90 498	39 353,988	710 734,900	18,060	17,599							
49	61	89 686	38 329,817	671 380,912	17,516	17,055							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	3 896 991,680	39,147	38,686	50	63	88 271	37 076,386	614 526,175	16,575	16,113
1	14	99 134	97 428,907	3 797 443,659	38,977	38,515	51	64	87 308	36 041,087	577 449,789	16,022	15,561
2	15	99 086	95 707,294	3 700 014,752	38,660	38,198	52	65	86 263	34 997,497	541 408,702	15,470	15,009
3	16	99 054	94 030,369	3 604 307,457	38,331	37,870	53	66	85 145	33 949,764	506 411,205	14,916	14,455
4	17	99 023	92 384,332	3 510 277,088	37,996	37,535	54	67	83 961	32 901,744	472 461,441	14,360	13,899
5	18	98 991	90 766,393	3 417 892,756	37,656	37,195	55	68	82 670	31 838,865	439 559,697	13,806	13,345
6	19	98 958	89 175,495	3 327 126,363	37,310	36,849	56	69	81 296	30 771,017	407 720,832	13,250	12,789
7	20	98 927	87 613,679	3 237 950,867	36,957	36,496	57	70	79 805	29 687,299	376 949,816	12,697	12,236
8	21	98 896	86 080,317	3 150 337,188	36,598	36,136	58	71	78 224	28 598,498	347 262,516	12,143	11,681
9	22	98 865	84 573,402	3 064 256,872	36,232	35,771	59	72	76 498	27 486,388	318 664,019	11,594	11,132
10	23	98 834	83 092,589	2 979 683,470	35,860	35,399	60	73	74 591	26 340,364	291 177,631	11,054	10,593
11	24	98 803	81 637,603	2 896 590,881	35,481	35,020	61	74	72 521	25 168,840	264 837,267	10,522	10,061
12	25	98 771	80 207,475	2 814 953,278	35,096	34,635	62	75	70 320	23 985,250	239 668,426	9,992	9,531
13	26	98 738	78 802,178	2 734 745,803	34,704	34,243	63	76	67 908	22 764,153	215 683,177	9,475	9,013
14	27	98 703	77 419,389	2 655 943,625	34,306	33,845	64	77	65 317	21 519,152	192 919,024	8,965	8,504
15	28	98 662	76 055,666	2 578 524,236	33,903	33,442	65	78	62 514	20 241,520	171 399,872	8,468	8,007
16	29	98 616	74 713,243	2 502 468,570	33,494	33,033	66	79	59 493	18 932,017	151 158,352	7,984	7,523
17	30	98 560	73 386,115	2 427 755,327	33,082	32,621	67	80	56 305	17 609,196	132 226,334	7,509	7,048
18	31	98 499	72 079,533	2 354 369,212	32,663	32,202	68	81	52 892	16 257,241	114 617,138	7,050	6,589
19	32	98 412	70 777,385	2 282 289,680	32,246	31,785	69	82	49 286	14 888,351	98 359,898	6,607	6,145
20	33	98 324	69 498,073	2 211 512,295	31,821	31,360	70	83	45 478	13 501,859	83 471,547	6,182	5,721
21	34	98 230	68 237,274	2 142 014,222	31,391	30,929	71	84	41 521	12 114,973	69 969,688	5,775	5,314
22	35	98 135	66 998,641	2 073 776,949	30,953	30,491	72	85	37 456	10 740,853	57 854,715	5,386	4,925
23	36	98 038	65 781,236	2 006 778,308	30,507	30,046	73	86	33 264	9 374,835	47 113,863	5,026	4,564
24	37	97 938	64 584,127	1 940 997,072	30,054	29,593	74	87	29 086	8 056,292	37 739,027	4,684	4,223
25	38	97 830	63 403,363	1 876 412,945	29,595	29,134	75	88	24 821	6 756,851	29 682,735	4,393	3,932
26	39	97 715	62 239,241	1 813 009,582	29,130	28,668	76	89	20 845	5 576,821	22 925,884	4,111	3,650
27	40	97 586	61 088,439	1 750 770,342	28,660	28,198	77	90	17 140	4 506,628	17 349,063	3,850	3,388
28	41	97 455	59 957,010	1 689 681,903	28,182	27,720	78	91	13 874	3 585,241	12 842,434	3,582	3,121
29	42	97 314	58 840,357	1 629 724,892	27,697	27,236	79	92	10 834	2 751,399	9 257,193	3,365	2,903
30	43	97 159	57 736,490	1 570 884,535	27,208	26,747	80	93	8 254	2 060,189	6 505,794	3,158	2,697
31	44	96 992	56 645,929	1 513 148,045	26,712	26,251	81	94	6 102	1 496,824	4 445,605	2,970	2,509
32	45	96 810	55 567,501	1 456 502,117	26,211	25,750	82	95	4 373	1 054,201	2 948,781	2,797	2,336
33	46	96 607	54 497,213	1 400 934,616	25,707	25,245	83	96	3 032	718,347	1 894,580	2,637	2,176
34	47	96 387	53 438,010	1 346 437,404	25,196	24,735	84	97	2 030	472,698	1 176,233	2,488	2,027
35	48	96 142	52 385,426	1 292 999,394	24,682	24,221	85	98	1 308	299,293	703,535	2,351	1,889
36	49	95 881	51 344,572	1 240 613,968	24,163	23,701	86	99	807	181,560	404,242	2,226	1,765
37	50	95 593	50 309,992	1 189 269,396	23,639	23,178	87	100	476	105,328	222,683	2,114	1,653
38	51	95 276	49 280,463	1 138 959,404	23,112	22,651							
39	52	94 936	48 260,236	1 089 678,941	22,579	22,118							
40	53	94 562	47 243,264	1 041 418,705	22,044	21,583							
41	54	94 146	46 226,504	994 175,441	21,507	21,045							
42	55	93 707	45 219,433	947 948,936	20,963	20,502							
43	56	93 219	44 210,414	902 729,503	20,419	19,958							
44	57	92 687	43 201,995	858 519,089	19,872	19,411							
45	58	92 108	42 193,783	815 317,093	19,323	18,862							
46	59	91 467	41 179,507	773 123,311	18,774	18,313							
47	60	90 779	40 166,930	731 943,804	18,223	17,761							
48	61	90 004	39 138,805	691 776,874	17,675	17,214							
49	62	89 176	38 111,894	652 638,069	17,124	16,663							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	3 874 249,622	38,922	38,461	50	64	87 682	36 829,137	595 352,929	16,165	15,704
1	15	99 122	97 416,846	3 774 711,394	38,748	38,287	51	65	86 680	35 781,742	558 523,792	15,609	15,148
2	16	99 073	95 694,320	3 677 294,548	38,428	37,966	52	66	85 596	34 726,531	522 742,050	15,053	14,592
3	17	99 038	94 015,253	3 581 600,227	38,096	37,635	53	67	84 445	33 670,705	488 015,519	14,494	14,033
4	18	99 006	92 368,115	3 487 584,974	37,757	37,296	54	68	83 204	32 604,982	454 344,814	13,935	13,474
5	19	98 970	90 746,566	3 395 216,860	37,414	36,953	55	69	81 861	31 526,999	421 739,832	13,377	12,916
6	20	98 937	89 156,318	3 304 470,293	37,064	36,603	56	70	80 404	30 433,531	390 212,833	12,822	12,361
7	21	98 906	87 595,194	3 215 313,976	36,707	36,245	57	71	78 852	29 332,589	359 779,302	12,266	11,804
8	22	98 875	86 061,711	3 127 718,782	36,343	35,882	58	72	77 180	28 216,908	330 446,713	11,711	11,250
9	23	98 843	84 553,967	3 041 657,071	35,973	35,512	59	73	75 314	27 061,032	302 229,805	11,168	10,707
10	24	98 812	83 073,689	2 957 103,104	35,596	35,135	60	74	73 298	25 883,743	275 168,773	10,631	10,170
11	25	98 780	81 619,042	2 874 029,415	35,213	34,752	61	75	71 119	24 682,476	249 285,030	10,100	9,638
12	26	98 749	80 189,602	2 792 410,373	34,823	34,361	62	76	68 753	23 450,830	224 602,554	9,578	9,116
13	27	98 712	78 781,126	2 712 220,771	34,427	33,966	63	77	66 187	22 187,134	201 151,724	9,066	8,605
14	28	98 678	77 399,405	2 633 439,646	34,024	33,563	64	78	63 426	20 896,080	178 964,589	8,565	8,103
15	29	98 636	76 035,912	2 556 040,241	33,616	33,155	65	79	60 435	19 568,326	158 068,509	8,078	7,617
16	30	98 589	74 692,520	2 480 004,329	33,203	32,742	66	80	57 259	18 221,108	138 500,183	7,601	7,140
17	31	98 533	73 365,975	2 405 311,809	32,785	32,324	67	81	53 863	16 845,429	120 279,075	7,140	6,679
18	32	98 467	72 056,033	2 331 945,834	32,363	31,902	68	82	50 274	15 452,576	103 433,647	6,694	6,232
19	33	98 378	70 752,871	2 259 889,802	31,941	31,479	69	83	46 483	14 041,683	87 981,071	6,266	5,805
20	34	98 289	69 472,929	2 189 136,930	31,511	31,049	70	84	42 524	12 624,790	73 939,388	5,857	5,395
21	35	98 190	68 209,582	2 119 664,001	31,076	30,615	71	85	38 449	11 218,637	61 314,598	5,465	5,004
22	36	98 093	66 970,089	2 051 454,420	30,632	30,171	72	86	34 261	9 824,707	50 095,961	5,099	4,638
23	37	97 992	65 750,561	1 984 484,331	30,182	29,721	73	87	30 049	8 468,771	40 271,254	4,755	4,294
24	38	97 887	64 550,110	1 918 733,770	29,725	29,264	74	88	25 751	7 132,545	31 802,483	4,459	3,998
25	39	97 772	63 365,982	1 854 183,660	29,261	28,800	75	89	21 707	5 909,122	24 669,937	4,175	3,714
26	40	97 646	62 195,470	1 790 817,677	28,793	28,332	76	90	17 932	4 797,356	18 760,815	3,911	3,449
27	41	97 517	61 044,895	1 728 622,207	28,317	27,856	77	91	14 600	3 838,761	13 963,459	3,637	3,176
28	42	97 374	59 907,188	1 667 577,312	27,836	27,375	78	92	11 472	2 964,478	10 124,697	3,415	2,954
29	43	97 222	58 784,697	1 607 670,124	27,348	26,887	79	93	8 786	2 231,430	7 160,220	3,209	2,748
30	44	97 056	57 675,546	1 548 885,427	26,855	26,394	80	94	6 546	1 633,971	4 928,790	3,016	2,555
31	45	96 882	56 581,872	1 491 209,881	26,355	25,894	81	95	4 727	1 159,452	3 294,818	2,842	2,380
32	46	96 680	55 492,342	1 434 628,009	25,853	25,392	82	96	3 304	796,503	2 135,366	2,681	2,220
33	47	96 458	54 412,692	1 379 135,667	25,346	24,885	83	97	2 231	528,710	1 338,863	2,532	2,071
34	48	96 220	53 345,273	1 324 722,975	24,833	24,372	84	98	1 453	338,473	810,152	2,394	1,932
35	49	95 964	52 288,358	1 271 377,702	24,315	23,854	85	99	910	208,224	471,680	2,265	1,804
36	50	95 681	51 237,155	1 219 089,344	23,793	23,332	86	100	545	122,570	263,455	2,149	1,688
37	51	95 370	50 192,444	1 167 852,189	23,267	22,806							
38	52	95 039	49 157,716	1 117 659,744	22,736	22,275							
39	53	94 673	48 126,515	1 068 502,028	22,202	21,741							
40	54	94 275	47 099,683	1 020 375,513	21,664	21,203							
41	55	93 846	46 079,220	973 275,830	21,122	20,661							
42	56	93 370	45 056,755	927 196,610	20,578	20,117							
43	57	92 865	44 042,729	882 139,856	20,029	19,568							
44	58	92 304	43 023,732	838 097,127	19,480	19,019							
45	59	91 688	42 001,394	795 073,395	18,930	18,468							
46	60	91 030	40 982,737	753 072,001	18,375	17,914							
47	61	90 283	39 947,303	712 089,265	17,826	17,365							
48	62	89 492	38 916,283	672 141,962	17,271	16,810							
49	63	88 616	37 872,750	633 225,680	16,720	16,259							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	3 850 571,931	38,689	38,228	50	65	87 051	36 564,122	575 554,600	15,741	15,280
1	16	99 108	97 403,640	3 751 046,024	38,510	38,049	51	66	86 008	35 504,704	538 990,478	15,181	14,720
2	17	99 057	95 678,936	3 653 642,384	38,186	37,725	52	67	84 892	34 441,087	503 485,774	14,619	14,158
3	18	99 021	93 998,750	3 557 963,448	37,851	37,390	53	68	83 684	33 367,008	469 044,686	14,057	13,596
4	19	98 984	92 347,938	3 463 964,698	37,510	37,049	54	69	82 389	32 285,612	435 677,678	13,494	13,033
5	20	98 948	90 727,051	3 371 616,760	37,162	36,701	55	70	80 963	31 181,221	403 392,067	12,937	12,476
6	21	98 916	89 137,507	3 280 889,709	36,807	36,346	56	71	79 444	30 069,904	372 210,846	12,378	11,917
7	22	98 884	87 576,260	3 191 752,202	36,445	35,984	57	72	77 800	28 941,204	342 140,941	11,822	11,361
8	23	98 852	86 041,934	3 104 175,942	36,077	35,616	58	73	75 986	27 780,247	313 199,737	11,274	10,813
9	24	98 820	84 534,735	3 018 134,008	35,703	35,242	59	74	74 008	26 591,918	285 419,489	10,733	10,272
10	25	98 789	83 054,802	2 933 599,273	35,321	34,860	60	75	71 882	25 383,564	258 827,571	10,197	9,735
11	26	98 758	81 600,854	2 850 544,471	34,933	34,472	61	76	69 535	24 132,521	233 444,008	9,673	9,212
12	27	98 722	80 168,178	2 768 943,618	34,539	34,078	62	77	67 010	22 856,406	209 311,486	9,158	8,696
13	28	98 686	78 760,790	2 688 775,439	34,139	33,677	63	78	64 270	21 544,722	186 455,080	8,654	8,193
14	29	98 652	77 379,301	2 610 014,649	33,730	33,269	64	79	61 317	20 201,116	164 910,358	8,163	7,702
15	30	98 609	76 014,822	2 532 635,348	33,318	32,856	65	80	58 166	18 833,523	144 709,242	7,684	7,222
16	31	98 562	74 672,021	2 456 620,526	32,899	32,438	66	81	54 776	17 430,801	125 875,719	7,221	6,760
17	32	98 500	73 342,056	2 381 948,504	32,477	32,016	67	82	51 197	16 011,651	108 444,919	6,773	6,312
18	33	98 433	72 031,077	2 308 606,449	32,050	31,589	68	83	47 415	14 573,822	92 433,267	6,342	5,881
19	34	98 342	70 727,274	2 236 575,372	31,623	31,161	69	84	43 463	13 129,548	77 859,446	5,930	5,469
20	35	98 249	69 444,735	2 165 848,098	31,188	30,727	70	85	39 378	11 690,735	64 729,898	5,537	5,076
21	36	98 148	68 180,514	2 096 403,363	30,748	30,287	71	86	35 169	10 261,739	53 039,163	5,169	4,707
22	37	98 047	66 938,859	2 028 222,849	30,300	29,838	72	87	30 950	8 875,163	42 777,425	4,820	4,359
23	38	97 940	65 715,931	1 961 283,990	29,845	29,384	73	88	26 604	7 497,728	33 902,261	4,522	4,060
24	39	97 829	64 512,053	1 895 568,059	29,383	28,922	74	89	22 520	6 237,682	26 404,533	4,233	3,772
25	40	97 704	63 321,419	1 831 056,006	28,917	28,456	75	90	18 673	5 083,212	20 166,851	3,967	3,506
26	41	97 576	62 151,138	1 767 734,586	28,443	27,981	76	91	15 274	4 086,404	15 083,639	3,691	3,230
27	42	97 436	60 994,168	1 705 583,449	27,963	27,502	77	92	12 072	3 174,102	10 997,235	3,465	3,003
28	43	97 282	59 850,518	1 644 589,280	27,478	27,017	78	93	9 304	2 404,241	7 823,133	3,254	2,793
29	44	97 119	58 722,647	1 584 738,762	26,987	26,526	79	94	6 969	1 769,786	5 418,892	3,062	2,601
30	45	96 947	57 610,325	1 526 016,115	26,489	26,027	80	95	5 071	1 265,688	3 649,107	2,883	2,422
31	46	96 751	56 505,341	1 468 405,789	25,987	25,526	81	96	3 571	876,026	2 383,419	2,721	2,260
32	47	96 530	55 406,278	1 411 900,448	25,483	25,021	82	97	2 432	586,234	1 507,393	2,571	2,110
33	48	96 290	54 318,263	1 356 494,170	24,973	24,512	83	98	1 598	378,580	921,159	2,433	1,972
34	49	96 042	53 246,426	1 302 175,907	24,456	23,994	84	99	1 011	235,482	542,579	2,304	1,843
35	50	95 764	52 178,967	1 248 929,481	23,935	23,474	85	100	614	140,571	307,096	2,185	1,723
36	51	95 457	51 117,442	1 196 750,514	23,412	22,951							
37	52	95 132	50 067,426	1 145 633,072	22,882	22,421							
38	53	94 775	49 021,508	1 095 565,646	22,349	21,887							
39	54	94 385	47 980,250	1 046 544,138	21,812	21,351							
40	55	93 974	46 949,616	998 563,889	21,269	20,808							
41	56	93 508	45 913,448	951 614,272	20,726	20,265							
42	57	93 015	44 885,860	905 700,824	20,178	19,717							
43	58	92 482	43 860,996	860 814,965	19,626	19,165							
44	59	91 884	42 827,559	816 953,968	19,075	18,614							
45	60	91 250	41 800,696	774 126,410	18,519	18,058							
46	61	90 532	40 758,648	732 325,713	17,967	17,506							
47	62	89 770	39 720,183	691 567,065	17,411	16,950							
48	63	88 930	38 672,091	651 846,882	16,856	16,395							
49	64	88 025	37 620,191	613 174,790	16,299	15,838							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	3 825 966,411	38,447	37,986	50	66	86 377	36 281,026	555 160,450	15,302	14,840
1	17	99 092	97 387,981	3 726 453,997	38,264	37,803	51	67	85 301	35 212,864	518 879,424	14,736	14,274
2	18	99 040	95 662,141	3 629 066,016	37,936	37,475	52	68	84 126	34 130,442	483 666,560	14,171	13,710
3	19	98 999	93 978,217	3 533 403,875	37,598	37,137	53	69	82 864	33 040,173	449 536,118	13,606	13,145
4	20	98 963	92 328,078	3 439 425,658	37,252	36,791	54	70	81 485	31 931,514	416 495,945	13,043	12,582
5	21	98 928	90 707,909	3 347 097,580	36,900	36,439	55	71	79 996	30 808,661	384 564,431	12,482	12,021
6	22	98 895	89 118,240	3 256 389,671	36,540	36,079	56	72	78 384	29 668,682	353 755,770	11,924	11,462
7	23	98 862	87 556,136	3 167 271,431	36,174	35,713	57	73	76 596	28 493,335	324 087,088	11,374	10,913
8	24	98 830	86 022,363	3 079 715,295	35,801	35,340	58	74	74 669	27 298,666	295 593,753	10,828	10,367
9	25	98 798	84 515,516	2 993 692,932	35,422	34,961	59	75	72 578	26 078,054	268 295,087	10,288	9,827
10	26	98 767	83 036,294	2 909 177,416	35,035	34,574	60	76	70 280	24 817,988	242 217,034	9,760	9,299
11	27	98 732	81 579,054	2 826 141,123	34,643	34,182	61	77	67 772	23 520,818	217 399,045	9,243	8,782
12	28	98 697	80 147,484	2 744 562,069	34,244	33,783	62	78	65 070	22 194,616	193 878,227	8,735	8,274
13	29	98 661	78 740,333	2 664 414,585	33,838	33,377	63	79	62 133	20 828,185	171 683,612	8,243	7,782
14	30	98 625	77 357,839	2 585 674,252	33,425	32,964	64	80	59 014	19 442,551	150 855,426	7,759	7,298
15	31	98 581	75 993,961	2 508 316,412	33,007	32,546	65	81	55 643	18 016,653	131 412,875	7,294	6,833
16	32	98 530	74 647,677	2 432 322,452	32,584	32,123	66	82	52 065	16 568,049	113 396,222	6,844	6,383
17	33	98 466	73 316,654	2 357 674,775	32,157	31,696	67	83	48 285	15 101,103	96 828,173	6,412	5,951
18	34	98 397	72 005,016	2 284 358,121	31,725	31,264	68	84	44 335	13 627,119	81 727,069	5,997	5,536
19	35	98 303	70 698,571	2 212 353,105	31,293	30,832	69	85	40 248	12 158,147	68 099,950	5,601	5,140
20	36	98 207	69 415,141	2 141 654,534	30,853	30,392	70	86	36 019	10 693,569	55 941,802	5,231	4,770
21	37	98 103	68 148,720	2 072 239,393	30,408	29,946	71	87	31 770	9 269,956	45 248,234	4,881	4,420
22	38	97 996	66 903,603	2 004 090,673	29,955	29,494	72	88	27 401	7 857,523	35 978,277	4,579	4,118
23	39	97 883	65 677,186	1 937 187,070	29,496	29,034	73	89	23 266	6 557,048	28 120,754	4,289	3,827
24	40	97 760	64 466,685	1 871 509,883	29,031	28,569	74	90	19 372	5 365,849	21 563,706	4,019	3,557
25	41	97 634	63 276,284	1 807 043,199	28,558	28,097	75	91	15 906	4 329,897	16 197,857	3,741	3,280
26	42	97 495	62 099,492	1 743 766,915	28,080	27,619	76	92	12 630	3 378,867	11 867,960	3,512	3,051
27	43	97 343	60 936,471	1 681 667,423	27,597	27,136	77	93	9 790	2 574,250	8 489,093	3,298	2,836
28	44	97 179	59 787,343	1 620 730,952	27,108	26,647	78	94	7 379	1 906,844	5 914,843	3,102	2,641
29	45	97 009	58 656,242	1 560 943,609	26,612	26,151	79	95	5 398	1 370,890	4 007,999	2,924	2,462
30	46	96 816	57 532,403	1 502 287,366	26,112	25,651	80	96	3 831	956,292	2 637,108	2,758	2,296
31	47	96 601	56 417,706	1 444 754,963	25,608	25,147	81	97	2 628	644,763	1 680,816	2,607	2,146
32	48	96 362	55 310,125	1 388 337,256	25,101	24,640	82	98	1 741	419,770	1 036,052	2,468	2,007
33	49	96 112	54 217,614	1 333 027,131	24,587	24,125	83	99	1 112	263,386	616,282	2,340	1,879
34	50	95 841	53 135,030	1 278 809,517	24,067	23,606	84	100	683	158,973	352,897	2,220	1,759
35	51	95 540	52 057,053	1 225 674,487	23,545	23,084							
36	52	95 219	50 990,119	1 173 617,434	23,017	22,555							
37	53	94 869	49 928,697	1 122 627,315	22,485	22,023							
38	54	94 487	48 872,522	1 072 698,618	21,949	21,488							
39	55	94 085	47 827,377	1 023 826,096	21,407	20,945							
40	56	93 636	46 780,713	975 998,718	20,863	20,402							
41	57	93 154	45 739,303	929 218,005	20,316	19,854							
42	58	92 632	44 700,648	883 478,701	19,764	19,303							
43	59	92 061	43 661,005	838 778,053	19,211	18,750							
44	60	91 444	42 622,914	795 117,048	18,655	18,193							
45	61	90 751	41 572,135	752 494,134	18,101	17,640							
46	62	90 017	40 526,916	710 921,999	17,542	17,081							
47	63	89 206	39 470,948	670 395,083	16,985	16,523							
48	64	88 337	38 414,201	630 924,135	16,424	15,963							
49	65	87 392	37 349,483	592 509,933	15,864	15,403							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	3 800 440,172	38,197	37,736	50	67	85 667	35 982,805	534 201,160	14,846	14,385
1	18	99 075	97 370,886	3 700 943,756	38,009	37,548	51	68	84 532	34 895,257	498 218,355	14,278	13,816
2	19	99 018	95 641,245	3 603 572,870	37,678	37,217	52	69	83 302	33 796,129	463 323,098	13,709	13,248
3	20	98 978	93 958,006	3 507 931,625	37,335	36,874	53	70	81 955	32 677,800	429 526,969	13,144	12,683
4	21	98 942	92 308,598	3 413 973,619	36,984	36,523	54	71	80 511	31 549,989	396 849,169	12,578	12,117
5	22	98 906	90 688,302	3 321 665,021	36,627	36,166	55	72	78 928	30 397,582	365 299,180	12,017	11,556
6	23	98 872	89 097,761	3 230 976,718	36,263	35,802	56	73	77 171	29 209,555	334 901,598	11,465	11,004
7	24	98 839	87 536,221	3 141 878,957	35,892	35,431	57	74	75 268	27 999,391	305 692,043	10,918	10,457
8	25	98 807	86 002,806	3 054 342,737	35,514	35,053	58	75	73 226	26 771,144	277 692,652	10,373	9,912
9	26	98 776	84 496,682	2 968 339,931	35,130	34,668	59	76	70 961	25 497,004	250 921,508	9,841	9,380
10	27	98 741	83 014,110	2 883 843,249	34,739	34,278	60	77	68 499	24 188,910	225 424,503	9,319	8,858
11	28	98 706	81 557,995	2 800 829,139	34,342	33,880	61	78	65 810	22 839,790	201 235,593	8,811	8,350
12	29	98 671	80 126,667	2 719 271,144	33,937	33,476	62	79	62 906	21 456,465	178 395,803	8,314	7,853
13	30	98 633	78 718,493	2 639 144,476	33,526	33,065	63	80	59 800	20 046,074	156 939,339	7,829	7,368
14	31	98 598	77 336,609	2 560 425,983	33,108	32,646	64	81	56 454	18 599,266	136 893,265	7,360	6,899
15	32	98 549	75 969,185	2 483 089,374	32,685	32,224	65	82	52 889	17 124,904	118 293,999	6,908	6,447
16	33	98 496	74 621,823	2 407 120,189	32,258	31,796	66	83	49 104	15 625,861	101 169,095	6,474	6,013
17	34	98 431	73 290,129	2 332 498,366	31,826	31,364	67	84	45 149	14 120,150	85 543,234	6,058	5,597
18	35	98 357	71 975,795	2 259 208,237	31,388	30,927	68	85	41 055	12 618,906	71 423,085	5,660	5,199
19	36	98 261	70 668,442	2 187 232,442	30,951	30,489	69	86	36 815	11 121,113	58 804,179	5,288	4,826
20	37	98 161	69 382,772	2 116 564,000	30,506	30,044	70	87	32 538	9 660,051	47 683,065	4,936	4,475
21	38	98 051	68 112,826	2 047 181,228	30,056	29,595	71	88	28 127	8 207,049	38 023,015	4,633	4,172
22	39	97 938	66 864,159	1 979 068,402	29,598	29,137	72	89	23 963	6 871,702	29 815,966	4,339	3,878
23	40	97 814	65 630,998	1 912 204,243	29,136	28,674	73	90	20 014	5 640,578	22 944,264	4,068	3,607
24	41	97 690	64 420,733	1 846 573,245	28,664	28,203	74	91	16 502	4 570,648	17 303,686	3,786	3,325
25	42	97 553	63 223,703	1 782 152,512	28,188	27,727	75	92	13 152	3 580,201	12 733,038	3,557	3,095
26	43	97 403	62 040,749	1 718 928,809	27,706	27,245	76	93	10 243	2 740,318	9 152,837	3,340	2,879
27	44	97 241	60 872,150	1 656 888,060	27,219	26,758	77	94	7 765	2 041,682	6 412,519	3,141	2,680
28	45	97 069	59 719,735	1 596 015,910	26,725	26,264	78	95	5 716	1 477,057	4 370,838	2,959	2,498
29	46	96 878	58 576,906	1 536 296,176	26,227	25,766	79	96	4 078	1 035,779	2 893,781	2,794	2,333
30	47	96 665	57 443,176	1 477 719,270	25,725	25,264	80	97	2 820	703,840	1 858,002	2,640	2,179
31	48	96 434	56 319,798	1 420 276,094	25,218	24,757	81	98	1 882	461,680	1 154,162	2,500	2,039
32	49	96 183	55 207,637	1 363 956,296	24,706	24,245	82	99	1 211	292,042	692,482	2,371	1,910
33	50	95 911	54 104,187	1 308 748,659	24,189	23,728	83	100	750	177,811	400,440	2,252	1,791
34	51	95 617	53 010,883	1 254 644,472	23,668	23,206							
35	52	95 302	51 927,390	1 201 633,590	23,141	22,679							
36	53	94 955	50 848,834	1 149 706,200	22,610	22,149							
37	54	94 581	49 776,954	1 098 857,366	22,076	21,614							
38	55	94 186	48 716,807	1 049 080,411	21,534	21,073							
39	56	93 746	47 655,317	1 000 363,604	20,992	20,530							
40	57	93 281	46 603,279	952 708,288	20,443	19,982							
41	58	92 769	45 550,570	906 105,008	19,892	19,431							
42	59	92 209	44 496,829	860 554,438	19,340	18,878							
43	60	91 621	43 452,378	816 057,609	18,781	18,319							
44	61	90 944	42 389,857	772 605,231	18,226	17,765							
45	62	90 235	41 335,778	730 215,374	17,665	17,204							
46	63	89 453	40 272,619	688 879,596	17,105	16,644							
47	64	88 611	39 207,731	648 606,978	16,543	16,082							
48	65	87 702	38 137,780	609 399,247	15,979	15,518							
49	66	86 715	37 060,307	571 261,467	15,414	14,953							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	3 774 001,943	37,938	37,476	50	68	84 895	35 658,253	512 705,089	14,378	13,917
1	19	99 053	97 349,617	3 674 522,992	37,746	37,284	51	69	83 704	34 553,453	477 046,836	13,806	13,345
2	20	98 997	95 620,677	3 577 173,375	37,410	36,949	52	70	82 389	33 425,465	442 493,382	13,238	12,777
3	21	98 957	93 938,182	3 481 552,698	37,062	36,601	53	71	80 976	32 287,359	409 067,918	12,670	12,208
4	22	98 920	92 288,646	3 387 614,516	36,707	36,246	54	72	79 437	31 129,018	376 780,559	12,104	11,643
5	23	98 883	90 667,463	3 295 325,870	36,345	35,884	55	73	77 707	29 927,175	345 651,541	11,550	11,089
6	24	98 850	89 077,495	3 204 658,408	35,976	35,515	56	74	75 833	28 703,195	315 724,366	11,000	10,538
7	25	98 817	87 516,319	3 115 580,912	35,600	35,139	57	75	73 814	27 458,329	287 021,171	10,453	9,992
8	26	98 785	85 983,641	3 028 064,594	35,217	34,756	58	76	71 594	26 174,652	259 562,842	9,917	9,455
9	27	98 749	84 474,108	2 942 080,953	34,828	34,367	59	77	69 162	24 850,715	233 388,190	9,392	8,930
10	28	98 715	82 992,681	2 857 606,845	34,432	33,971	60	78	66 515	23 488,538	208 537,476	8,878	8,417
11	29	98 681	81 536,812	2 774 614,163	34,029	33,568	61	79	63 621	22 080,181	185 048,938	8,381	7,920
12	30	98 644	80 104,443	2 693 077,351	33,620	33,158	62	80	60 544	20 650,761	162 968,757	7,892	7,430
13	31	98 606	78 696,890	2 612 972,908	33,203	32,742	63	81	57 206	19 176,612	142 317,996	7,421	6,960
14	32	98 566	77 311,396	2 534 276,018	32,780	32,319	64	82	53 660	17 678,681	123 141,384	6,966	6,504
15	33	98 515	75 942,873	2 456 964,623	32,353	31,892	65	83	49 881	16 151,048	105 462,704	6,530	6,069
16	34	98 460	74 594,825	2 381 021,749	31,919	31,458	66	84	45 914	14 610,819	89 311,655	6,113	5,652
17	35	98 391	73 260,386	2 306 426,924	31,483	31,021	67	85	41 808	13 075,459	74 700,836	5,713	5,252
18	36	98 315	71 945,122	2 233 166,538	31,040	30,579	68	86	37 553	11 542,571	61 625,377	5,339	4,878
19	37	98 215	70 635,488	2 161 221,416	30,597	30,136	69	87	33 257	10 046,273	50 082,806	4,985	4,524
20	38	98 110	69 346,228	2 090 585,927	30,147	29,686	70	88	28 807	8 552,414	40 036,533	4,681	4,220
21	39	97 993	68 072,669	2 021 239,699	29,692	29,231	71	89	24 599	7 177,376	31 484,118	4,387	3,925
22	40	97 869	66 817,136	1 953 167,030	29,232	28,770	72	90	20 614	5 911,253	24 306,743	4,112	3,651
23	41	97 744	65 584,217	1 886 349,895	28,762	28,301	73	91	17 048	4 804,663	18 395,490	3,829	3,367
24	42	97 609	64 367,201	1 820 765,678	28,287	27,826	74	92	13 644	3 779,267	13 590,826	3,596	3,135
25	43	97 461	63 163,897	1 756 398,477	27,807	27,346	75	93	10 666	2 903,603	9 811,559	3,379	2,918
26	44	97 300	61 975,262	1 693 234,580	27,321	26,860	76	94	8 124	2 173,393	6 907,957	3,178	2,717
27	45	97 131	60 803,314	1 631 259,318	26,828	26,367	77	95	6 015	1 581,503	4 734,564	2,994	2,533
28	46	96 938	59 638,960	1 570 456,004	26,333	25,872	78	96	4 319	1 115,993	3 153,061	2,825	2,364
29	47	96 728	58 486,058	1 510 817,045	25,832	25,371	79	97	3 002	762,343	2 037,068	2,672	2,211
30	48	96 498	57 343,488	1 452 330,986	25,327	24,866	80	98	2 019	503,981	1 274,725	2,529	2,068
31	49	96 255	56 215,440	1 394 987,499	24,815	24,354	81	99	1 309	321,199	770,743	2,400	1,938
32	50	95 982	55 092,139	1 338 772,059	24,301	23,839	82	100	818	197,156	449,544	2,280	1,819
33	51	95 687	53 977,774	1 283 679,920	23,782	23,320							
34	52	95 379	52 878,844	1 229 702,146	23,255	22,794							
35	53	95 038	51 783,508	1 176 823,302	22,726	22,265							
36	54	94 667	50 694,295	1 125 039,794	22,193	21,731							
37	55	94 279	49 618,357	1 074 345,499	21,652	21,191							
38	56	93 847	48 541,547	1 024 727,142	21,110	20,649							
39	57	93 391	47 474,565	976 185,595	20,562	20,101							
40	58	92 896	46 410,981	928 711,030	20,011	19,549							
41	59	92 346	45 342,876	882 300,049	19,458	18,997							
42	60	91 769	44 284,207	836 957,173	18,900	18,438							
43	61	91 120	43 214,786	792 672,965	18,343	17,881							
44	62	90 427	42 148,851	749 458,180	17,781	17,320							
45	63	89 669	41 076,405	707 309,329	17,219	16,758							
46	64	88 856	40 004,055	666 232,924	16,654	16,193							
47	65	87 974	38 925,599	626 228,869	16,088	15,627							
48	66	87 023	37 842,501	587 303,270	15,520	15,058							
49	67	86 002	36 755,680	549 460,769	14,949	14,488							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	3 746 659,487	37,671	37,210	50	69	84 063	35 308,976	490 712,502	13,898	13,436
1	20	99 032	97 328,681	3 647 202,265	37,473	37,012	51	70	82 786	34 174,483	455 403,527	13,326	12,865
2	21	98 976	95 600,502	3 549 873,584	37,132	36,671	52	71	81 404	33 026,090	421 229,044	12,754	12,293
3	22	98 935	93 917,878	3 454 273,083	36,780	36,319	53	72	79 896	31 856,549	388 202,954	12,186	11,725
4	23	98 898	92 267,438	3 360 355,205	36,420	35,959	54	73	78 208	30 647,292	356 346,406	11,627	11,166
5	24	98 861	90 646,840	3 268 087,767	36,053	35,592	55	74	76 360	29 408,375	325 699,114	11,075	10,614
6	25	98 827	89 057,243	3 177 440,927	35,679	35,217	56	75	74 367	28 148,532	296 290,739	10,526	10,065
7	26	98 795	87 496,816	3 088 383,683	35,297	34,836	57	76	72 169	26 846,526	268 142,206	9,988	9,527
8	27	98 759	85 960,669	3 000 886,867	34,910	34,449	58	77	69 779	25 511,185	241 295,681	9,458	8,997
9	28	98 724	84 452,303	2 914 926,198	34,516	34,054	59	78	67 160	24 131,180	215 784,495	8,942	8,481
10	29	98 690	82 971,125	2 830 473,895	34,114	33,653	60	79	64 303	22 707,353	191 653,315	8,440	7,979
11	30	98 653	81 514,197	2 747 502,770	33,706	33,245	61	80	61 232	21 251,057	168 945,962	7,950	7,489
12	31	98 617	80 082,459	2 665 988,573	33,291	32,829	62	81	57 918	19 755,071	147 694,905	7,476	7,015
13	32	98 574	78 671,233	2 585 906,113	32,870	32,409	63	82	54 374	18 227,450	127 939,834	7,019	6,558
14	33	98 531	77 284,619	2 507 234,881	32,442	31,980	64	83	50 609	16 673,333	109 712,384	6,580	6,119
15	34	98 480	75 915,398	2 429 950,261	32,009	31,547	65	84	46 641	15 101,891	93 039,051	6,161	5,700
16	35	98 420	74 564,553	2 354 034,863	31,570	31,109	66	85	42 517	13 529,826	77 937,160	5,760	5,299
17	36	98 349	73 229,166	2 279 470,310	31,128	30,667	67	86	38 242	11 960,182	64 407,334	5,385	4,924
18	37	98 269	71 911,573	2 206 241,145	30,680	30,219	68	87	33 923	10 426,998	52 447,152	5,030	4,569
19	38	98 163	70 598,285	2 134 329,571	30,232	29,771	69	88	29 443	8 894,352	42 020,154	4,724	4,263
20	39	98 052	69 305,343	2 063 731,287	29,777	29,316	70	89	25 193	7 479,411	33 125,802	4,429	3,968
21	40	97 924	68 024,796	1 994 425,943	29,319	28,858	71	90	21 160	6 174,203	25 646,391	4,154	3,693
22	41	97 799	66 769,509	1 926 401,147	28,852	28,390	72	91	17 559	5 035,226	19 472,188	3,867	3,406
23	42	97 663	65 529,718	1 859 631,638	28,378	27,917	73	92	14 096	3 972,764	14 436,963	3,634	3,173
24	43	97 517	64 306,313	1 794 101,921	27,899	27,438	74	93	11 066	3 065,049	10 464,199	3,414	2,953
25	44	97 358	63 097,224	1 729 795,608	27,415	26,954	75	94	8 460	2 302,897	7 399,150	3,213	2,752
26	45	97 190	61 905,179	1 666 698,383	26,923	26,462	76	95	6 293	1 683,528	5 096,253	3,027	2,566
27	46	96 999	60 721,074	1 604 793,205	26,429	25,968	77	96	4 544	1 194,907	3 412,726	2,856	2,395
28	47	96 788	59 546,465	1 544 072,131	25,931	25,469	78	97	3 179	821,382	2 217,818	2,700	2,239
29	48	96 560	58 384,561	1 484 525,666	25,427	24,965	79	98	2 149	545,872	1 396,436	2,558	2,097
30	49	96 319	57 237,232	1 426 141,106	24,916	24,455	80	99	1 405	350,630	850,565	2,426	1,965
31	50	96 053	56 097,833	1 368 903,873	24,402	23,941	81	100	884	216,840	499,935	2,306	1,844
32	51	95 758	54 963,418	1 312 806,040	23,885	23,424							
33	52	95 448	53 843,327	1 257 842,622	23,361	22,900							
34	53	95 115	52 732,325	1 203 999,295	22,832	22,371							
35	54	94 749	51 626,128	1 151 266,970	22,300	21,839							
36	55	94 365	50 532,775	1 099 640,842	21,761	21,300							
37	56	93 940	49 439,854	1 049 108,067	21,220	20,759							
38	57	93 491	48 357,434	999 668,213	20,672	20,211							
39	58	93 005	47 278,672	951 310,779	20,121	19,660							
40	59	92 473	46 199,364	904 032,107	19,568	19,107							
41	60	91 905	45 126,212	857 832,743	19,010	18,548							
42	61	91 267	44 042,067	812 706,532	18,453	17,992							
43	62	90 602	42 969,089	768 664,465	17,889	17,428							
44	63	89 860	41 884,376	725 695,376	17,326	16,865							
45	64	89 071	40 802,482	683 811,000	16,759	16,298							
46	65	88 217	39 716,193	643 008,518	16,190	15,729							
47	66	87 293	38 624,220	603 292,325	15,620	15,158							
48	67	86 307	37 531,444	564 668,104	15,045	14,584							
49	68	85 227	36 424,157	527 136,660	14,472	14,011							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	3 718 423,241	37,395	36,934	50	70	83 141	34 921,719	468 262,461	13,409	12,948
1	21	99 011	97 308,146	3 618 987,408	37,191	36,730	51	71	81 797	33 766,159	433 340,742	12,834	12,372
2	22	98 954	95 579,838	3 521 679,263	36,845	36,384	52	72	80 318	32 585,423	399 574,583	12,262	11,801
3	23	98 913	93 896,296	3 426 099,425	36,488	36,027	53	73	78 659	31 363,564	366 989,160	11,701	11,240
4	24	98 875	92 246,452	3 332 203,129	36,123	35,662	54	74	76 852	30 116,009	335 625,596	11,144	10,683
5	25	98 838	90 626,231	3 239 956,677	35,751	35,290	55	75	74 884	28 840,085	305 509,588	10,593	10,132
6	26	98 805	89 037,397	3 149 330,446	35,371	34,910	56	76	72 711	27 521,350	276 669,502	10,053	9,592
7	27	98 768	87 473,441	3 060 293,049	34,985	34,524	57	77	70 340	26 166,029	249 148,152	9,522	9,061
8	28	98 733	85 938,480	2 972 819,608	34,592	34,131	58	78	67 759	24 772,527	222 982,123	9,001	8,540
9	29	98 698	84 430,368	2 886 881,127	34,192	33,731	59	79	64 926	23 328,623	198 209,596	8,496	8,035
10	30	98 662	82 948,112	2 802 450,760	33,786	33,324	60	80	61 888	21 854,678	174 880,973	8,002	7,541
11	31	98 626	81 491,826	2 719 502,648	33,371	32,910	61	81	58 576	20 329,331	153 026,296	7,527	7,066
12	32	98 585	80 056,351	2 638 010,821	32,952	32,491	62	82	55 051	18 777,279	132 696,965	7,067	6,606
13	33	98 540	78 643,985	2 557 954,471	32,526	32,065	63	83	51 282	17 190,895	113 919,687	6,627	6,166
14	34	98 496	77 256,658	2 479 310,485	32,092	31,631	64	84	47 321	15 590,248	96 728,792	6,204	5,743
15	35	98 440	75 884,590	2 402 053,827	31,654	31,193	65	85	43 190	13 984,566	81 138,544	5,802	5,341
16	36	98 378	74 532,777	2 326 169,237	31,210	30,749	66	86	38 891	12 375,794	67 153,978	5,426	4,965
17	37	98 303	73 195,018	2 251 636,460	30,762	30,301	67	87	34 546	10 804,248	54 778,184	5,070	4,609
18	38	98 218	71 873,697	2 178 441,443	30,309	29,848	68	88	30 034	9 231,422	43 973,937	4,764	4,302
19	39	98 105	70 556,662	2 106 567,745	29,856	29,395	69	89	25 749	7 778,449	34 742,515	4,467	4,005
20	40	97 983	69 256,604	2 036 011,083	29,398	28,937	70	90	21 672	6 434,023	26 964,066	4,191	3,730
21	41	97 854	67 976,308	1 966 754,479	28,933	28,472	71	91	18 025	5 259,207	20 530,043	3,904	3,442
22	42	97 718	66 714,025	1 898 778,171	28,461	28,000	72	92	14 519	4 163,406	15 270,836	3,668	3,207
23	43	97 571	65 467,730	1 832 064,146	27,984	27,523	73	93	11 432	3 221,978	11 107,430	3,447	2,986
24	44	97 414	64 238,435	1 766 596,416	27,501	27,039	74	94	8 777	2 430,942	7 885,453	3,244	2,783
25	45	97 248	63 025,872	1 702 357,981	27,010	26,549	75	95	6 553	1 783,843	5 454,510	3,058	2,597
26	46	97 059	61 821,448	1 639 332,109	26,517	26,056	76	96	4 754	1 271,992	3 670,667	2,886	2,425
27	47	96 849	60 626,900	1 577 510,661	26,020	25,559	77	97	3 345	879,463	2 398,675	2,727	2,266
28	48	96 620	59 443,127	1 516 883,761	25,518	25,057	78	98	2 276	588,146	1 519,212	2,583	2,122
29	49	96 381	58 276,376	1 457 440,634	25,009	24,548	79	99	1 495	379,774	931,066	2,452	1,990
30	50	96 117	57 117,488	1 399 164,257	24,496	24,035	80	100	948	236,709	551,292	2,329	1,868
31	51	95 829	55 966,763	1 342 046,769	23,979	23,518							
32	52	95 519	54 826,516	1 286 080,007	23,457	22,996							
33	53	95 184	53 694,136	1 231 253,491	22,931	22,470							
34	54	94 826	52 572,062	1 177 559,355	22,399	21,938							
35	55	94 447	51 461,639	1 124 987,293	21,861	21,399							
36	56	94 026	50 350,982	1 073 525,653	21,321	20,860							
37	57	93 584	49 252,334	1 023 174,672	20,774	20,313							
38	58	93 106	48 157,898	973 922,338	20,224	19,762							
39	59	92 581	47 063,098	925 764,440	19,671	19,210							
40	60	92 031	45 978,607	878 701,342	19,111	18,650							
41	61	91 403	44 879,467	832 722,736	18,555	18,093							
42	62	90 748	43 791,667	787 843,269	17,991	17,530							
43	63	90 033	42 699,468	744 051,602	17,425	16,964							
44	64	89 261	41 605,064	701 352,134	16,857	16,396							
45	65	88 430	40 508,875	659 747,070	16,286	15,825							
46	66	87 534	39 408,693	619 238,195	15,713	15,252							
47	67	86 575	38 306,738	579 829,501	15,136	14,675							
48	68	85 529	37 192,925	541 522,763	14,560	14,099							
49	69	84 392	36 067,378	504 329,838	13,983	13,522							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	3 689 298,674	37,110	36,649	50	71	82 148	34 504,467	445 407,825	12,909	12,447
1	22	98 990	97 287,113	3 589 883,821	36,900	36,439	51	72	80 706	33 315,617	410 903,358	12,334	11,872
2	23	98 932	95 557,874	3 492 596,708	36,550	36,088	52	73	79 075	32 081,159	377 587,741	11,770	11,309
3	24	98 890	93 874,939	3 397 038,834	36,187	35,726	53	74	77 296	30 819,864	345 506,583	11,211	10,749
4	25	98 853	92 225,479	3 303 163,895	35,816	35,355	54	75	75 367	29 534,045	314 686,719	10,655	10,194
5	26	98 816	90 606,036	3 210 938,416	35,438	34,977	55	76	73 216	28 197,495	285 152,674	10,113	9,651
6	27	98 779	89 013,610	3 120 332,381	35,055	34,593	56	77	70 867	26 823,748	256 955,179	9,579	9,118
7	28	98 743	87 450,861	3 031 318,770	34,663	34,202	57	78	68 303	25 408,410	230 131,431	9,057	8,596
8	29	98 708	85 916,159	2 943 867,909	34,264	33,803	58	79	65 505	23 948,640	204 723,021	8,548	8,087
9	30	98 671	84 406,950	2 857 951,750	33,859	33,398	59	80	62 488	22 452,618	180 774,381	8,051	7,590
10	31	98 635	82 925,348	2 773 544,800	33,446	32,985	60	81	59 204	20 906,771	158 321,763	7,573	7,112
11	32	98 594	81 465,258	2 690 619,452	33,028	32,567	61	82	55 677	19 323,114	137 414,993	7,111	6,650
12	33	98 550	80 028,624	2 609 154,194	32,603	32,142	62	83	51 921	17 709,456	118 091,878	6,668	6,207
13	34	98 504	78 615,533	2 529 125,571	32,171	31,710	63	84	47 951	16 074,190	100 382,423	6,245	5,784
14	35	98 456	77 225,306	2 450 510,038	31,732	31,271	64	85	43 820	14 436,791	84 308,233	5,840	5,379
15	36	98 398	75 852,251	2 373 284,732	31,288	30,827	65	86	39 506	12 791,746	69 871,441	5,462	5,001
16	37	98 332	74 498,021	2 297 432,481	30,839	30,378	66	87	35 132	11 179,691	57 079,695	5,106	4,644
17	38	98 251	73 156,466	2 222 934,460	30,386	29,925	67	88	30 585	9 565,416	45 900,005	4,799	4,337
18	39	98 160	71 831,323	2 149 777,994	29,928	29,467	68	89	26 266	8 073,229	36 334,589	4,501	4,039
19	40	98 036	70 507,042	2 077 946,671	29,471	29,010	69	90	22 150	6 691,265	28 261,360	4,224	3,762
20	41	97 913	69 207,238	2 007 439,628	29,006	28,545	70	91	18 460	5 480,523	21 570,095	3,936	3,475
21	42	97 773	67 919,822	1 938 232,390	28,537	28,076	71	92	14 904	4 348,606	16 089,572	3,700	3,239
22	43	97 626	66 650,917	1 870 312,569	28,061	27,600	72	93	11 775	3 376,591	11 740,966	3,477	3,016
23	44	97 468	65 398,626	1 803 661,652	27,580	27,118	73	94	9 067	2 555,406	8 364,375	3,273	2,812
24	45	97 304	64 165,792	1 738 263,026	27,090	26,629	74	95	6 798	1 883,028	5 808,969	3,085	2,624
25	46	97 116	62 940,626	1 674 097,234	26,598	26,137	75	96	4 951	1 347,785	3 925,941	2,913	2,452
26	47	96 908	61 725,568	1 611 156,608	26,102	25,641	76	97	3 499	936,199	2 578,156	2,754	2,293
27	48	96 681	60 521,687	1 549 431,040	25,601	25,140	77	98	2 395	629,735	1 641,957	2,607	2,146
28	49	96 441	59 332,981	1 488 909,352	25,094	24,633	78	99	1 583	409,185	1 012,222	2,474	2,013
29	50	96 179	58 154,458	1 429 576,371	24,582	24,121	79	100	1 010	256,384	603,037	2,352	1,891
30	51	95 893	56 984,035	1 371 421,913	24,067	23,606							
31	52	95 590	55 827,361	1 314 437,878	23,545	23,083							
32	53	95 255	54 674,601	1 258 610,517	23,020	22,559							
33	54	94 894	53 530,950	1 203 935,916	22,490	22,029							
34	55	94 523	52 404,559	1 150 404,966	21,952	21,491							
35	56	94 107	51 276,504	1 098 000,407	21,413	20,952							
36	57	93 669	50 160,006	1 046 723,903	20,868	20,406							
37	58	93 198	49 049,105	996 563,897	20,318	19,856							
38	59	92 681	47 938,315	947 514,792	19,765	19,304							
39	60	92 139	46 838,214	899 576,477	19,206	18,745							
40	61	91 527	45 727,201	852 738,263	18,648	18,187							
41	62	90 883	44 624,306	807 011,062	18,085	17,623							
42	63	90 179	43 516,884	762 386,756	17,519	17,058							
43	64	89 433	42 414,721	718 869,872	16,949	16,487							
44	65	88 618	41 305,682	676 455,151	16,377	15,916							
45	66	87 745	40 195,237	635 149,469	15,802	15,340							
46	67	86 814	39 084,763	594 954,232	15,222	14,761							
47	68	85 794	37 961,226	555 869,469	14,643	14,182							
48	69	84 691	36 828,615	517 908,243	14,063	13,601							
49	70	83 466	35 671,803	481 079,628	13,486	13,025							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	3 659 290,643	36,816	36,355	50	72	81 052	34 044,074	422 193,683	12,401	11,940
1	23	98 967	97 264,757	3 559 897,278	36,600	36,139	51	73	79 457	32 800,053	388 149,609	11,834	11,373
2	24	98 909	95 536,139	3 462 632,521	36,244	35,783	52	74	77 704	31 525,019	355 349,556	11,272	10,811
3	25	98 868	93 853,596	3 367 096,382	35,876	35,415	53	75	75 802	30 224,298	323 824,537	10,714	10,253
4	26	98 831	92 204,927	3 273 242,786	35,500	35,038	54	76	73 688	28 875,992	293 600,239	10,168	9,706
5	27	98 790	90 581,829	3 181 037,859	35,118	34,657	55	77	71 360	27 482,754	264 724,247	9,632	9,171
6	28	98 753	88 990,633	3 090 456,030	34,728	34,267	56	78	68 816	26 047,086	237 241,493	9,108	8,647
7	29	98 717	87 428,147	3 001 465,396	34,331	33,869	57	79	66 031	24 563,374	211 194,408	8,598	8,137
8	30	98 680	85 892,329	2 914 037,249	33,927	33,465	58	80	63 046	23 049,353	186 631,033	8,097	7,636
9	31	98 644	84 383,785	2 828 144,920	33,515	33,054	59	81	59 778	21 478,776	163 581,680	7,616	7,155
10	32	98 603	82 898,312	2 743 761,134	33,098	32,637	60	82	56 274	19 871,974	142 102,904	7,151	6,690
11	33	98 560	81 437,043	2 660 862,822	32,674	32,213	61	83	52 511	18 224,251	122 230,930	6,707	6,246
12	34	98 515	79 999,670	2 579 425,780	32,243	31,782	62	84	48 548	16 559,066	104 006,679	6,281	5,820
13	35	98 464	78 583,629	2 499 426,110	31,806	31,345	63	85	44 403	14 884,928	87 447,613	5,875	5,414
14	36	98 414	77 192,396	2 420 842,481	31,361	30,900	64	86	40 082	13 205,399	72 562,685	5,495	5,034
15	37	98 352	75 816,880	2 343 650,085	30,912	30,451	65	87	35 688	11 555,442	59 357,286	5,137	4,676
16	38	98 280	74 458,783	2 267 833,205	30,458	29,996	66	88	31 104	9 897,810	47 801,844	4,830	4,368
17	39	98 193	73 113,335	2 193 374,422	30,000	29,538	67	89	26 748	8 365,319	37 904,034	4,531	4,070
18	40	98 091	71 780,807	2 120 261,086	29,538	29,077	68	90	22 595	6 944,844	29 538,715	4,253	3,792
19	41	97 966	70 456,786	2 048 480,280	29,074	28,613	69	91	18 868	5 699,642	22 593,871	3,964	3,503
20	42	97 832	69 149,728	1 978 023,494	28,605	28,144	70	92	15 264	4 531,602	16 894,229	3,728	3,267
21	43	97 681	67 855,573	1 908 873,766	28,131	27,670	71	93	12 087	3 526,792	12 362,627	3,505	3,044
22	44	97 522	66 580,564	1 841 018,193	27,651	27,190	72	94	9 339	2 678,032	8 835,835	3,299	2,838
23	45	97 357	65 324,672	1 774 437,629	27,163	26,702	73	95	7 024	1 979,438	6 157,802	3,111	2,650
24	46	97 172	64 079,004	1 709 112,958	26,672	26,211	74	96	5 137	1 422,725	4 178,364	2,937	2,476
25	47	96 966	62 843,010	1 645 033,954	26,177	25,716	75	97	3 644	991,983	2 755,639	2,778	2,317
26	48	96 740	61 618,449	1 582 190,944	25,677	25,216	76	98	2 506	670,360	1 763,656	2,631	2,170
27	49	96 502	60 409,543	1 520 572,495	25,171	24,710	77	99	1 666	438,119	1 093,296	2,495	2,034
28	50	96 239	59 208,852	1 460 162,952	24,661	24,200	78	100	1 069	276,239	655,177	2,372	1,911
29	51	95 954	58 018,582	1 400 954,100	24,147	23,685							
30	52	95 654	56 842,100	1 342 935,518	23,626	23,165							
31	53	95 325	55 672,673	1 286 093,418	23,101	22,640							
32	54	94 965	54 508,435	1 230 420,745	22,573	22,112							
33	55	94 592	53 360,392	1 175 912,310	22,037	21,576							
34	56	94 183	52 216,032	1 122 551,918	21,498	21,037							
35	57	93 750	51 082,018	1 070 335,886	20,953	20,492							
36	58	93 283	49 953,032	1 019 253,868	20,404	19,943							
37	59	92 773	48 825,458	969 300,836	19,852	19,391							
38	60	92 238	47 709,249	920 475,378	19,293	18,832							
39	61	91 635	46 582,108	872 766,129	18,736	18,275							
40	62	91 007	45 467,221	826 184,021	18,171	17,710							
41	63	90 313	44 344,299	780 716,800	17,606	17,145							
42	64	89 577	43 226,686	736 372,502	17,035	16,574							
43	65	88 789	42 109,512	693 145,816	16,461	15,999							
44	66	87 932	40 985,875	651 036,304	15,884	15,423							
45	67	87 024	39 864,842	610 050,428	15,303	14,842							
46	68	86 031	38 732,233	570 185,586	14,721	14,260							
47	69	84 954	37 589,390	531 453,353	14,138	13,677							
48	70	83 762	36 424,691	493 863,963	13,558	13,097							
49	71	82 469	35 245,589	457 439,272	12,979	12,517							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	3 628 404,289	36,514	36,053	50	73	79 797	33 517,237	398 678,660	11,895	11,434
1	24	98 944	97 242,633	3 529 033,765	36,291	35,830	51	74	78 079	32 231,451	365 161,423	11,329	10,868
2	25	98 887	95 514,419	3 431 791,131	35,930	35,468	52	75	76 203	30 915,827	332 929,972	10,769	10,308
3	26	98 846	93 832,681	3 336 276,713	35,556	35,094	53	76	74 113	29 550,866	302 014,145	10,220	9,759
4	27	98 804	92 180,294	3 242 444,031	35,175	34,714	54	77	71 820	28 144,053	272 463,279	9,681	9,220
5	28	98 765	90 558,447	3 150 263,737	34,787	34,326	55	78	69 294	26 687,010	244 319,226	9,155	8,694
6	29	98 727	88 967,519	3 059 705,290	34,391	33,930	56	79	66 527	25 180,809	217 632,216	8,643	8,182
7	30	98 690	87 403,898	2 970 737,771	33,989	33,527	57	80	63 552	23 641,004	192 451,407	8,141	7,679
8	31	98 653	85 868,757	2 883 333,872	33,578	33,117	58	81	60 311	22 049,629	168 810,403	7,656	7,195
9	32	98 611	84 356,274	2 797 465,115	33,163	32,701	59	82	56 819	20 415,668	146 760,774	7,189	6,727
10	33	98 569	82 869,601	2 713 108,841	32,739	32,278	60	83	53 074	18 741,898	126 345,106	6,741	6,280
11	34	98 524	81 407,579	2 630 239,241	32,310	31,848	61	84	49 100	17 040,420	107 603,208	6,315	5,853
12	35	98 475	79 967,204	2 548 831,661	31,873	31,412	62	85	44 956	15 333,930	90 562,788	5,906	5,445
13	36	98 423	78 550,140	2 468 864,457	31,430	30,969	63	86	40 616	13 615,312	75 228,858	5,525	5,064
14	37	98 368	77 156,400	2 390 314,317	30,980	30,519	64	87	36 209	11 929,116	61 613,546	5,165	4,704
15	38	98 300	75 776,947	2 313 157,917	30,526	30,065	65	88	31 596	10 230,477	49 684,430	4,857	4,395
16	39	98 222	74 414,884	2 237 380,969	30,066	29,605	66	89	27 201	8 656,011	39 453,953	4,558	4,097
17	40	98 124	73 061,917	2 162 966,085	29,605	29,143	67	90	23 009	7 196,109	30 797,943	4,280	3,819
18	41	98 021	71 729,642	2 089 904,168	29,136	28,675	68	91	19 246	5 915,642	23 601,834	3,990	3,529
19	42	97 885	70 398,237	2 018 174,526	28,668	28,207	69	92	15 601	4 712,782	17 686,192	3,753	3,292
20	43	97 739	69 084,316	1 947 776,288	28,194	27,733	70	93	12 379	3 675,205	12 973,409	3,530	3,069
21	44	97 577	67 783,948	1 878 691,972	27,716	27,255	71	94	9 587	2 797,159	9 298,205	3,324	2,863
22	45	97 412	66 505,273	1 810 908,024	27,230	26,768	72	95	7 234	2 074,426	6 501,046	3,134	2,673
23	46	97 226	65 236,316	1 744 402,751	26,740	26,279	73	96	5 307	1 495,568	4 426,620	2,960	2,499
24	47	97 021	63 979,623	1 679 166,435	26,245	25,784	74	97	3 781	1 047,139	2 931,052	2,799	2,338
25	48	96 797	62 733,952	1 615 186,813	25,747	25,285	75	98	2 609	710,304	1 883,913	2,652	2,191
26	49	96 561	61 504,272	1 552 452,861	25,241	24,780	76	99	1 743	466,383	1 173,608	2,516	2,055
27	50	96 300	60 283,162	1 490 948,589	24,732	24,271	77	100	1 125	295,772	707,226	2,391	1,930
28	51	96 014	59 070,513	1 430 665,427	24,220	23,758							
29	52	95 715	57 874,070	1 371 594,914	23,700	23,238							
30	53	95 389	56 684,600	1 313 720,844	23,176	22,715							
31	54	95 036	55 503,473	1 257 036,244	22,648	22,187							
32	55	94 663	54 334,763	1 201 532,771	22,114	21,652							
33	56	94 252	53 168,426	1 147 198,008	21,577	21,115							
34	57	93 826	52 017,982	1 094 029,582	21,032	20,571							
35	58	93 363	50 871,240	1 042 011,600	20,483	20,022							
36	59	92 857	49 725,264	991 140,360	19,932	19,471							
37	60	92 329	48 592,153	941 415,097	19,374	18,913							
38	61	91 734	47 448,380	892 822,944	18,817	18,356							
39	62	91 114	46 317,267	845 374,564	18,252	17,791							
40	63	90 436	45 181,924	799 057,296	17,685	17,224							
41	64	89 710	44 048,583	753 875,372	17,115	16,653							
42	65	88 933	42 915,635	709 826,790	16,540	16,079							
43	66	88 102	41 783,482	666 911,155	15,961	15,500							
44	67	87 210	40 648,981	625 127,673	15,379	14,917							
45	68	86 239	39 505,276	584 478,692	14,795	14,334							
46	69	85 188	38 352,846	544 973,416	14,209	13,748							
47	70	84 022	37 177,123	506 620,570	13,627	13,166							
48	71	82 761	35 989,481	469 443,447	13,044	12,583							
49	72	81 369	34 775,307	433 453,966	12,464	12,003							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	3 596 644,969	36,203	35,741	50	74	78 414	32 936,202	374 945,566	11,384	10,923
1	25	98 922	97 220,525	3 497 297,047	35,973	35,512	51	75	76 570	31 608,608	342 009,364	10,820	10,359
2	26	98 865	95 493,134	3 400 076,522	35,605	35,144	52	76	74 505	30 226,987	310 400,756	10,269	9,808
3	27	98 819	93 807,613	3 304 583,388	35,227	34,766	53	77	72 234	28 801,820	280 173,770	9,728	9,266
4	28	98 779	92 156,499	3 210 775,775	34,840	34,379	54	78	69 740	27 329,162	251 371,950	9,198	8,737
5	29	98 739	90 534,926	3 118 619,275	34,447	33,985	55	79	66 989	25 799,451	224 042,788	8,684	8,223
6	30	98 700	88 942,843	3 028 084,349	34,045	33,584	56	80	64 029	24 235,254	198 243,337	8,180	7,719
7	31	98 663	87 379,911	2 939 141,506	33,636	33,175	57	81	60 795	22 615,618	174 008,083	7,694	7,233
8	32	98 621	85 840,762	2 851 761,595	33,222	32,760	58	82	57 326	20 958,266	151 392,465	7,224	6,762
9	33	98 577	84 327,058	2 765 920,833	32,800	32,339	59	83	53 588	19 254,673	130 434,200	6,774	6,313
10	34	98 533	82 839,619	2 681 593,775	32,371	31,910	60	84	49 626	17 524,441	111 179,526	6,344	5,883
11	35	98 484	81 374,543	2 598 754,156	31,936	31,475	61	85	45 467	15 779,671	93 655,085	5,935	5,474
12	36	98 433	79 933,126	2 517 379,614	31,494	31,032	62	86	41 121	14 026,016	77 875,414	5,552	5,091
13	37	98 377	78 513,511	2 437 446,488	31,045	30,584	63	87	36 690	12 299,411	63 849,398	5,191	4,730
14	38	98 316	77 115,762	2 358 932,977	30,590	30,128	64	88	32 057	10 561,305	51 549,987	4,881	4,420
15	39	98 242	75 732,272	2 281 817,215	30,130	29,669	65	89	27 632	8 946,941	40 988,682	4,581	4,120
16	40	98 153	74 362,551	2 206 084,944	29,667	29,205	66	90	23 399	7 446,171	32 041,741	4,303	3,842
17	41	98 054	73 009,839	2 131 722,392	29,198	28,737	67	91	19 599	6 129,670	24 595,570	4,013	3,551
18	42	97 939	71 670,036	2 058 712,553	28,725	28,264	68	92	15 914	4 891,383	18 465,900	3,775	3,314
19	43	97 792	70 331,644	1 987 042,517	28,252	27,791	69	93	12 653	3 822,145	13 574,517	3,552	3,090
20	44	97 636	69 011,394	1 916 710,872	27,774	27,313	70	94	9 818	2 914,868	9 752,372	3,346	2,885
21	45	97 467	67 707,297	1 847 699,478	27,290	26,828	71	95	7 426	2 166,702	6 837,504	3,156	2,695
22	46	97 280	66 415,320	1 779 992,181	26,801	26,340	72	96	5 466	1 567,336	4 670,802	2,980	2,519
23	47	97 075	65 135,140	1 713 576,861	26,308	25,847	73	97	3 906	1 100,752	3 103,466	2,819	2,358
24	48	96 853	63 868,592	1 648 441,722	25,810	25,349	74	98	2 707	749,799	2 002,714	2,671	2,210
25	49	96 618	62 617,708	1 584 573,130	25,306	24,844	75	99	1 815	494,173	1 252,915	2,535	2,074
26	50	96 359	61 375,601	1 521 955,422	24,797	24,336	76	100	1 177	314,853	758,743	2,410	1,949
27	51	96 075	60 142,313	1 460 579,822	24,285	23,824							
28	52	95 775	58 923,381	1 400 437,509	23,767	23,306							
29	53	95 450	57 713,711	1 341 514,128	23,244	22,783							
30	54	95 099	56 512,325	1 283 800,417	22,717	22,256							
31	55	94 733	55 326,631	1 227 288,093	22,183	21,721							
32	56	94 322	54 139,291	1 171 961,462	21,647	21,186							
33	57	93 894	52 966,764	1 117 822,170	21,104	20,643							
34	58	93 439	51 803,342	1 064 855,406	20,556	20,095							
35	59	92 938	50 639,285	1 013 052,065	20,005	19,544							
36	60	92 414	49 487,659	962 412,780	19,448	18,986							
37	61	91 824	48 326,457	912 925,121	18,891	18,430							
38	62	91 212	47 178,614	864 598,664	18,326	17,865							
39	63	90 542	46 026,637	817 420,050	17,760	17,299							
40	64	89 833	44 880,622	771 393,414	17,188	16,726							
41	65	89 065	43 731,617	726 512,791	16,613	16,152							
42	66	88 244	42 583,363	682 781,174	16,034	15,573							
43	67	87 378	41 440,032	640 197,811	15,449	14,988							
44	68	86 423	40 282,343	598 757,779	14,864	14,403							
45	69	85 394	39 118,316	558 475,437	14,277	13,815							
46	70	84 254	37 932,205	519 357,120	13,692	13,231							
47	71	83 018	36 732,922	481 424,916	13,106	12,645							
48	72	81 657	35 509,274	444 691,993	12,523	12,062							
49	73	80 110	34 237,154	409 182,720	11,951	11,490							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	3 564 015,752	35,882	35,421	50	75	76 899	32 299,740	351 065,566	10,869	10,408
1	26	98 900	97 198,860	3 464 690,417	35,645	35,184	51	76	74 864	30 904,331	318 765,826	10,315	9,853
2	27	98 838	95 467,622	3 367 491,557	35,274	34,812	52	77	72 616	29 460,803	287 861,495	9,771	9,310
3	28	98 794	93 783,398	3 272 023,935	34,889	34,428	53	78	70 143	27 967,884	258 400,692	9,239	8,778
4	29	98 753	92 132,563	3 178 240,536	34,496	34,035	54	79	67 421	26 420,246	230 432,808	8,722	8,261
5	30	98 712	90 509,815	3 086 107,973	34,097	33,636	55	80	64 474	24 830,665	204 012,563	8,216	7,755
6	31	98 673	88 918,434	2 995 598,158	33,689	33,228	56	81	61 252	23 184,093	179 181,898	7,729	7,267
7	32	98 630	87 351,423	2 906 679,724	33,276	32,814	57	82	57 786	21 496,241	155 997,804	7,257	6,796
8	33	98 587	85 811,031	2 819 328,301	32,855	32,394	58	83	54 066	19 766,415	134 501,564	6,805	6,343
9	34	98 542	84 296,549	2 733 517,270	32,427	31,966	59	84	50 107	18 003,907	114 735,149	6,373	5,912
10	35	98 493	82 806,001	2 649 220,721	31,993	31,532	60	85	45 954	16 227,881	96 731,242	5,961	5,500
11	36	98 442	81 339,864	2 566 414,720	31,552	31,091	61	86	41 589	14 433,737	80 503,360	5,577	5,116
12	37	98 387	79 895,852	2 485 074,855	31,104	30,643	62	87	37 147	12 670,421	66 069,623	5,214	4,753
13	38	98 325	78 472,158	2 405 179,004	30,650	30,189	63	88	32 483	10 889,142	53 399,202	4,904	4,443
14	39	98 258	77 070,297	2 326 706,846	30,189	29,728	64	89	28 035	9 236,262	42 510,060	4,603	4,141
15	40	98 173	75 679,012	2 249 636,549	29,726	29,265	65	90	23 770	7 696,438	33 273,798	4,323	3,862
16	41	98 083	74 309,546	2 173 957,537	29,255	28,794	66	91	19 932	6 342,674	25 577,360	4,033	3,571
17	42	97 973	72 949,170	2 099 647,991	28,782	28,321	67	92	16 206	5 068,353	19 234,686	3,795	3,334
18	43	97 847	71 602,240	2 026 698,821	28,305	27,844	68	93	12 906	3 966,993	14 166,332	3,571	3,110
19	44	97 689	70 257,406	1 955 096,581	27,828	27,366	69	94	10 035	3 031,408	10 199,339	3,365	2,903
20	45	97 525	68 933,355	1 884 839,175	27,343	26,882	70	95	7 605	2 257,880	7 167,931	3,175	2,713
21	46	97 335	67 615,718	1 815 905,820	26,856	26,395	71	96	5 611	1 637,055	4 910,050	2,999	2,538
22	47	97 130	66 312,315	1 748 290,102	26,364	25,903	72	97	4 023	1 153,574	3 272,995	2,837	2,376
23	48	96 906	65 022,103	1 681 977,787	25,868	25,407	73	98	2 797	788,188	2 119,420	2,689	2,228
24	49	96 674	63 750,245	1 616 955,684	25,364	24,903	74	99	1 883	521,650	1 331,232	2,552	2,091
25	50	96 416	62 486,707	1 553 205,438	24,857	24,395	75	100	1 226	333,614	809,583	2,427	1,966
26	51	96 133	61 232,199	1 490 718,731	24,345	23,884							
27	52	95 835	59 992,511	1 429 486,532	23,828	23,367							
28	53	95 509	58 760,114	1 369 494,021	23,307	22,845							
29	54	95 160	57 538,308	1 310 733,908	22,780	22,319							
30	55	94 796	56 332,268	1 253 195,600	22,246	21,785							
31	56	94 392	55 127,591	1 196 863,331	21,711	21,250							
32	57	93 964	53 933,947	1 141 735,740	21,169	20,708							
33	58	93 507	52 748,208	1 087 801,793	20,623	20,161							
34	59	93 013	51 567,137	1 035 053,585	20,072	19,611							
35	60	92 494	50 397,312	983 486,448	19,515	19,053							
36	61	91 908	49 217,066	933 089,136	18,959	18,497							
37	62	91 302	48 051,699	883 872,070	18,394	17,933							
38	63	90 640	46 882,579	835 820,371	17,828	17,367							
39	64	89 939	45 719,702	788 937,792	17,256	16,795							
40	65	89 187	44 557,670	743 218,090	16,680	16,219							
41	66	88 375	43 393,028	698 660,421	16,101	15,640							
42	67	87 519	42 233,338	655 267,393	15,515	15,054							
43	68	86 589	41 066,258	613 034,055	14,928	14,467							
44	69	85 576	39 887,771	571 967,797	14,339	13,878							
45	70	84 458	38 689,280	532 080,025	13,753	13,291							
46	71	83 247	37 478,983	493 390,745	13,164	12,703							
47	72	81 910	36 242,795	455 911,763	12,579	12,118							
48	73	80 393	34 959,762	419 668,968	12,004	11,543							
49	74	78 721	33 643,639	384 709,205	11,435	10,974							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	39 145,885	808 337,722	20,649	20,188
1	0	99 594	97 880,893	4 019 147,121	41,062	40,600	51	50	92 606	38 228,118	769 191,838	20,121	19,660
2	1	99 240	95 855,513	3 921 266,228	40,908	40,447	52	51	91 946	37 302,894	730 963,720	19,595	19,134
3	2	99 192	94 161,978	3 825 410,715	40,626	40,165	53	52	91 234	36 377,663	693 660,826	19,068	18,607
4	3	99 162	92 513,595	3 731 248,737	40,332	39,871	54	53	90 460	35 448,386	657 283,163	18,542	18,081
5	4	99 133	90 896,315	3 638 735,142	40,032	39,571	55	54	89 607	34 510,255	621 834,776	18,019	17,558
6	5	99 110	89 311,947	3 547 838,827	39,724	39,263	56	55	88 705	33 575,420	587 324,521	17,493	17,031
7	6	99 090	87 758,676	3 458 526,880	39,410	38,948	57	56	87 728	32 634,322	553 749,102	16,968	16,507
8	7	99 073	86 234,057	3 370 768,204	39,089	38,627	58	57	86 699	31 696,919	521 114,780	16,441	15,979
9	8	99 055	84 735,688	3 284 534,147	38,762	38,301	59	58	85 578	30 748,899	489 417,860	15,917	15,455
10	9	99 040	83 265,997	3 199 798,459	38,429	37,967	60	59	84 370	29 793,549	458 668,961	15,395	14,934
11	10	99 025	81 821,391	3 116 532,462	38,089	37,628	61	60	83 076	28 832,226	428 875,413	14,875	14,414
12	11	99 008	80 399,848	3 034 711,071	37,745	37,284	62	61	81 693	27 864,581	400 043,187	14,357	13,895
13	12	98 989	79 002,512	2 954 311,223	37,395	36,934	63	62	80 230	26 894,877	372 178,606	13,838	13,377
14	13	98 973	77 630,997	2 875 308,712	37,038	36,577	64	63	78 680	25 921,481	345 283,729	13,320	12,859
15	14	98 947	76 275,734	2 797 677,715	36,678	36,217	65	64	77 032	24 942,057	319 362,248	12,804	12,343
16	15	98 915	74 939,615	2 721 401,981	36,315	35,853	66	65	75 285	23 957,367	294 420,191	12,289	11,828
17	16	98 872	73 618,906	2 646 462,366	35,948	35,487	67	66	73 457	22 973,557	270 462,824	11,773	11,312
18	17	98 823	72 316,401	2 572 843,460	35,578	35,116	68	67	71 540	21 989,151	247 489,267	11,255	10,794
19	18	98 750	71 020,664	2 500 527,059	35,208	34,747	69	68	69 501	20 995,161	225 500,116	10,741	10,279
20	19	98 675	69 745,878	2 429 506,395	34,834	34,372	70	69	67 333	19 990,271	204 504,955	10,230	9,769
21	20	98 595	68 490,635	2 359 760,517	34,454	33,993	71	70	65 024	18 972,626	184 514,684	9,725	9,264
22	21	98 518	67 260,510	2 291 269,882	34,066	33,604	72	71	62 587	17 947,577	165 542,058	9,224	8,762
23	22	98 442	66 052,222	2 224 009,371	33,670	33,209	73	72	59 955	16 897,251	147 594,481	8,735	8,274
24	23	98 365	64 865,527	2 157 957,149	33,268	32,807	74	73	57 135	15 825,505	130 697,230	8,259	7,797
25	24	98 286	63 698,684	2 093 091,622	32,859	32,398	75	74	54 118	14 732,033	114 871,725	7,797	7,336
26	25	98 205	62 551,802	2 029 392,938	32,443	31,982	76	75	50 964	13 634,899	100 139,693	7,344	6,883
27	26	98 123	61 424,737	1 966 841,136	32,020	31,559	77	76	47 628	12 523,211	86 504,793	6,908	6,446
28	27	98 035	60 313,965	1 905 416,399	31,592	31,130	78	77	44 114	11 399,681	73 981,582	6,490	6,029
29	28	97 949	59 224,600	1 845 102,433	31,154	30,693	79	78	40 454	10 273,957	62 581,901	6,091	5,630
30	29	97 861	58 153,439	1 785 877,834	30,710	30,249	80	79	36 739	9 170,058	52 307,944	5,704	5,243
31	30	97 768	57 099,449	1 727 724,394	30,258	29,797	81	80	32 958	8 084,928	43 137,886	5,336	4,874
32	31	97 669	56 060,409	1 670 624,945	29,800	29,339	82	81	29 168	7 032,172	35 052,959	4,985	4,523
33	32	97 564	55 037,144	1 614 564,536	29,336	28,875	83	82	25 442	6 028,236	28 020,786	4,648	4,187
34	33	97 460	54 032,555	1 559 527,392	28,863	28,402	84	83	21 828	5 083,099	21 992,551	4,327	3,865
35	34	97 346	53 041,146	1 505 494,837	28,384	27,922	85	84	18 364	4 202,736	16 909,452	4,023	3,562
36	35	97 222	52 062,636	1 452 453,691	27,898	27,437	86	85	15 087	3 393,422	12 706,716	3,745	3,283
37	36	97 092	51 098,749	1 400 391,056	27,406	26,944	87	86	12 066	2 667,345	9 313,294	3,492	3,030
38	37	96 951	50 146,905	1 349 292,307	26,907	26,446	88	87	9 354	2 032,119	6 645,949	3,270	2,809
39	38	96 796	49 205,436	1 299 145,401	26,402	25,941	89	88	7 032	1 501,456	4 613,830	3,073	2,612
40	39	96 625	48 273,906	1 249 939,966	25,893	25,431	90	89	5 139	1 078,420	3 112,374	2,886	2,425
41	40	96 425	47 345,639	1 201 666,059	25,381	24,920	91	90	3 670	756,902	2 033,954	2,687	2,226
42	41	96 213	46 429,104	1 154 320,421	24,862	24,401	92	91	2 519	510,584	1 277,052	2,501	2,040
43	42	95 978	45 519,129	1 107 891,316	24,339	23,878	93	92	1 630	324,781	766,468	2,360	1,899
44	43	95 703	44 607,975	1 062 372,188	23,816	23,355	94	93	1 013	198,246	441,687	2,228	1,767
45	44	95 399	43 701,288	1 017 764,212	23,289	22,828	95	94	600	115,445	243,441	2,109	1,648
46	45	95 061	42 797,686	974 062,925	22,760	22,299	96	95	338	63,967	127,996	2,001	1,540
47	46	94 671	41 889,017	931 265,239	22,232	21,771	97	96	181	33,635	64,030	1,904	1,442
48	47	94 232	40 977,569	889 376,222	21,704	21,243	98	97	92	16,740	30,394	1,816	1,354
49	48	93 736	40 060,931	848 398,653	21,178	20,717	99	98	44	7,865	13,654	1,736	1,275
							100	99	20	3,479	5,790	1,664	1,203

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	39 218,555	816 850,111	20,828	20,367
1							51	49	92 800	38 308,262	777 631,556	20,299	19,838
2	0	99 558	96 163,198	3 931 054,895	40,879	40,418	52	50	92 161	37 390,255	739 323,294	19,773	19,312
3	1	99 221	94 188,759	3 834 891,697	40,715	40,254	53	51	91 462	36 468,498	701 933,039	19,248	18,786
4	2	99 178	92 528,512	3 740 702,938	40,428	39,966	54	52	90 711	35 546,881	665 464,541	18,721	18,260
5	3	99 147	90 909,351	3 648 174,426	40,130	39,669	55	53	89 880	34 615,458	629 917,660	18,198	17,736
6	4	99 122	89 322,652	3 557 265,076	39,825	39,364	56	54	88 989	33 682,738	595 302,202	17,674	17,213
7	5	99 099	87 766,615	3 467 942,424	39,513	39,052	57	55	88 044	32 752,149	561 619,464	17,148	16,686
8	6	99 081	86 240,972	3 380 175,809	39,195	38,733	58	56	87 029	31 817,600	528 867,315	16,622	16,161
9	7	99 063	84 742,768	3 293 934,837	38,870	38,409	59	57	85 932	30 876,303	497 049,715	16,098	15,637
10	8	99 046	83 271,169	3 209 192,069	38,539	38,078	60	58	84 756	29 930,019	466 173,412	15,575	15,114
11	9	99 031	81 826,586	3 125 920,900	38,202	37,741	61	59	83 475	28 970,658	436 243,393	15,058	14,597
12	10	99 016	80 406,325	3 044 094,314	37,859	37,398	62	60	82 142	28 017,778	407 272,735	14,536	14,075
13	11	98 997	79 008,787	2 963 687,989	37,511	37,050	63	61	80 689	27 048,661	379 254,957	14,021	13,560
14	12	98 981	77 636,948	2 884 679,203	37,156	36,695	64	62	79 176	26 085,160	352 206,295	13,502	13,041
15	13	98 957	76 283,238	2 807 042,255	36,798	36,336	65	63	77 549	25 109,503	326 121,136	12,988	12,527
16	14	98 927	74 948,893	2 730 759,017	36,435	35,974	66	64	75 831	24 131,009	301 011,633	12,474	12,013
17	15	98 886	73 628,888	2 655 810,124	36,070	35,609	67	65	74 030	23 152,816	276 880,623	11,959	11,498
18	16	98 839	72 328,029	2 582 181,236	35,701	35,240	68	66	72 133	22 171,395	253 727,807	11,444	10,983
19	17	98 768	71 033,133	2 509 853,207	35,334	34,872	69	67	70 134	21 186,253	231 556,412	10,930	10,468
20	18	98 697	69 761,116	2 438 820,074	34,960	34,498	70	68	67 999	20 188,015	210 370,159	10,421	9,959
21	19	98 616	68 505,368	2 369 058,958	34,582	34,121	71	69	65 745	19 183,019	190 182,144	9,914	9,453
22	20	98 539	67 274,705	2 300 553,591	34,196	33,735	72	70	63 344	18 164,612	170 999,125	9,414	8,953
23	21	98 463	66 066,502	2 233 278,886	33,803	33,342	73	71	60 766	17 125,760	152 834,513	8,924	8,463
24	22	98 387	64 880,436	2 167 212,384	33,403	32,942	74	72	58 033	16 074,257	135 708,754	8,443	7,981
25	23	98 308	63 713,176	2 102 331,948	32,997	32,536	75	73	55 073	14 991,924	119 634,497	7,980	7,519
26	24	98 228	62 566,027	2 038 618,772	32,583	32,122	76	74	51 969	13 903,573	104 642,573	7,526	7,065
27	25	98 145	61 438,428	1 976 052,745	32,163	31,702	77	75	48 714	12 808,602	90 739,000	7,084	6,623
28	26	98 061	60 330,083	1 914 614,317	31,736	31,274	78	76	45 261	11 696,151	77 930,399	6,663	6,202
29	27	97 974	59 239,891	1 854 284,234	31,301	30,840	79	77	41 660	10 580,302	66 234,248	6,260	5,799
30	28	97 886	58 168,548	1 795 044,342	30,859	30,398	80	78	38 003	9 485,529	55 653,946	5,867	5,406
31	29	97 796	57 115,291	1 736 875,795	30,410	29,949	81	79	34 244	8 400,367	46 168,417	5,496	5,035
32	30	97 696	56 075,799	1 679 760,504	29,955	29,494	82	80	30 491	7 351,009	37 768,050	5,138	4,677
33	31	97 596	55 055,093	1 623 684,705	29,492	29,031	83	81	26 767	6 342,145	30 417,041	4,796	4,335
34	32	97 494	54 051,276	1 568 629,612	29,021	28,560	84	82	23 144	5 389,593	24 074,896	4,467	4,006
35	33	97 381	53 060,343	1 514 578,337	28,544	28,083	85	83	19 639	4 494,708	18 685,303	4,157	3,696
36	34	97 262	52 083,772	1 461 517,994	28,061	27,600	86	84	16 292	3 664,546	14 190,595	3,872	3,411
37	35	97 133	51 120,534	1 409 434,222	27,571	27,110	87	85	13 191	2 916,073	10 526,049	3,610	3,148
38	36	96 996	50 170,300	1 358 313,687	27,074	26,613	88	86	10 354	2 249,533	7 609,976	3,383	2,922
39	37	96 847	49 231,366	1 308 143,387	26,571	26,110	89	87	7 943	1 695,912	5 360,443	3,161	2,700
40	38	96 682	48 302,384	1 258 912,021	26,063	25,602	90	88	5 876	1 233,132	3 664,531	2,972	2,511
41	39	96 493	47 378,959	1 210 609,637	25,552	25,090	91	89	4 266	879,882	2 431,399	2,763	2,302
42	40	96 282	46 462,222	1 163 230,679	25,036	24,575	92	90	2 957	599,415	1 551,518	2,588	2,127
43	41	96 058	45 556,985	1 116 768,456	24,514	24,052	93	91	1 972	392,791	952,103	2,424	1,963
44	42	95 794	44 650,212	1 071 211,471	23,991	23,530	94	92	1 249	244,442	559,312	2,288	1,827
45	43	95 500	43 747,465	1 026 561,259	23,466	23,004	95	93	756	145,558	314,871	2,163	1,702
46	44	95 169	42 846,137	982 813,793	22,938	22,477	96	94	437	82,579	169,312	2,050	1,589
47	45	94 799	41 945,751	939 967,656	22,409	21,948	97	95	240	44,518	86,733	1,948	1,487
48	46	94 378	41 041,220	898 021,905	21,881	21,420	98	96	125	22,744	42,215	1,856	1,395
49	47	93 899	40 130,574	856 980,685	21,355	20,894	99	97	61	10,984	19,471	1,773	1,312
							100	98	28	5,000	8,488	1,697	1,236

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	39 286,734	824 741,223	20,993	20,532
1							51	48	92 972	38 379,378	785 454,489	20,466	20,004
2							52	49	92 354	37 468,642	747 075,111	19,939	19,477
3	0	99 539	94 491,094	3 843 967,409	40,681	40,220	53	50	91 676	36 553,905	709 606,469	19,413	18,951
4	1	99 206	92 554,828	3 749 476,314	40,511	40,050	54	51	90 938	35 635,642	673 052,564	18,887	18,426
5	2	99 163	90 924,009	3 656 921,486	40,220	39,758	55	52	90 130	34 711,638	637 416,923	18,363	17,902
6	3	99 136	89 335,461	3 565 997,477	39,917	39,456	56	53	89 260	33 785,418	602 705,284	17,839	17,378
7	4	99 111	87 777,135	3 476 662,016	39,608	39,147	57	54	88 326	32 856,836	568 919,866	17,315	16,854
8	5	99 090	86 248,774	3 388 884,881	39,292	38,831	58	55	87 343	31 932,478	536 063,031	16,787	16,326
9	6	99 071	84 749,563	3 302 636,107	38,969	38,508	59	56	86 259	30 993,860	504 130,552	16,265	15,804
10	7	99 055	83 278,126	3 217 886,544	38,640	38,179	60	57	85 107	30 054,030	473 136,693	15,743	15,282
11	8	99 038	81 831,669	3 134 608,418	38,306	37,844	61	58	83 858	29 103,359	443 082,662	15,224	14,763
12	9	99 022	80 411,430	3 052 776,750	37,964	37,503	62	59	82 537	28 152,300	413 979,304	14,705	14,244
13	10	99 005	79 015,152	2 972 365,320	37,618	37,156	63	60	81 133	27 197,373	385 827,004	14,186	13,725
14	11	98 989	77 643,115	2 893 350,168	37,265	36,804	64	61	79 629	26 234,314	358 629,630	13,670	13,209
15	12	98 964	76 289,086	2 815 707,053	36,908	36,447	65	62	78 039	25 268,054	332 395,316	13,155	12,694
16	13	98 937	74 956,266	2 739 417,967	36,547	36,086	66	63	76 340	24 293,011	307 127,262	12,643	12,181
17	14	98 898	73 638,004	2 664 461,701	36,183	35,722	67	64	74 567	23 320,627	282 834,251	12,128	11,667
18	15	98 852	72 337,835	2 590 823,697	35,816	35,354	68	65	72 696	22 344,395	259 513,624	11,614	11,153
19	16	98 784	71 044,554	2 518 485,862	35,449	34,988	69	66	70 715	21 361,843	237 169,230	11,102	10,641
20	17	98 714	69 773,364	2 447 441,308	35,077	34,616	70	67	68 618	20 371,761	215 807,387	10,593	10,132
21	18	98 638	68 520,335	2 377 667,944	34,700	34,239	71	68	66 395	19 372,778	195 435,626	10,088	9,627
22	19	98 560	67 289,176	2 309 147,609	34,317	33,856	72	69	64 046	18 366,044	176 062,848	9,586	9,125
23	20	98 484	66 080,445	2 241 858,433	33,926	33,465	73	70	61 501	17 332,856	157 696,804	9,098	8,637
24	21	98 409	64 894,463	2 175 777,989	33,528	33,067	74	71	58 818	16 291,636	140 363,948	8,616	8,155
25	22	98 331	63 727,820	2 110 883,526	33,123	32,662	75	72	55 939	15 227,573	124 072,312	8,148	7,687
26	23	98 250	62 580,261	2 047 155,706	32,712	32,251	76	73	52 886	14 148,849	108 844,739	7,693	7,232
27	24	98 168	61 452,400	1 984 575,445	32,295	31,833	77	74	49 674	13 060,993	94 695,890	7,250	6,789
28	25	98 083	60 343,530	1 923 123,045	31,870	31,408	78	75	46 293	11 962,694	81 634,897	6,824	6,363
29	26	98 001	59 255,722	1 862 779,515	31,436	30,975	79	76	42 743	10 855,463	69 672,203	6,418	5,957
30	27	97 911	58 183,567	1 803 523,793	30,997	30,536	80	77	39 136	9 768,365	58 816,740	6,021	5,560
31	28	97 821	57 130,129	1 745 340,226	30,550	30,089	81	78	35 422	8 689,359	49 048,376	5,645	5,183
32	29	97 723	56 091,356	1 688 210,097	30,098	29,636	82	79	31 680	7 637,814	40 359,017	5,284	4,823
33	30	97 623	55 070,207	1 632 118,741	29,637	29,176	83	80	27 980	6 629,696	32 721,203	4,936	4,474
34	31	97 525	54 068,904	1 577 048,534	29,167	28,706	84	81	24 350	5 670,247	26 091,507	4,601	4,140
35	32	97 415	53 078,726	1 522 979,631	28,693	28,232	85	82	20 824	4 765,724	20 421,260	4,285	3,824
36	33	97 297	52 102,623	1 469 900,904	28,212	27,750	86	83	17 424	3 919,129	15 655,536	3,995	3,533
37	34	97 173	51 141,288	1 417 798,282	27,723	27,262	87	84	14 245	3 149,058	11 736,407	3,727	3,266
38	35	97 038	50 191,690	1 366 656,993	27,229	26,768	88	85	11 320	2 459,300	8 587,349	3,492	3,031
39	36	96 892	49 254,334	1 316 465,304	26,728	26,267	89	86	8 792	1 877,355	6 128,049	3,264	2,803
40	37	96 733	48 327,838	1 267 210,970	26,221	25,760	90	87	6 637	1 392,836	4 250,693	3,052	2,591
41	38	96 550	47 406,908	1 218 883,132	25,711	25,250	91	88	4 878	1 006,110	2 857,857	2,841	2,379
42	39	96 350	46 494,921	1 171 476,223	25,196	24,735	92	89	3 438	696,807	1 851,747	2,657	2,196
43	40	96 127	45 589,481	1 124 981,303	24,676	24,215	93	90	2 315	461,128	1 154,940	2,505	2,043
44	41	95 874	44 687,346	1 079 391,822	24,154	23,693	94	91	1 510	295,628	693,812	2,347	1,886
45	42	95 590	43 788,887	1 034 704,475	23,629	23,168	95	92	933	179,476	398,184	2,219	1,757
46	43	95 269	42 891,411	990 915,588	23,103	22,642	96	93	551	104,120	218,707	2,101	1,639
47	44	94 907	41 993,238	948 024,177	22,576	22,114	97	94	309	57,471	114,587	1,994	1,533
48	45	94 506	41 096,807	906 030,939	22,046	21,585	98	95	165	30,103	57,116	1,897	1,436
49	46	94 045	40 192,910	864 934,133	21,520	21,058	99	96	83	14,923	27,013	1,810	1,349
							100	97	40	6,983	12,090	1,731	1,270

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	39 347,759	832 040,238	21,146	20,685
1							51	47	93 134	38 446,098	792 692,479	20,618	20,157
2							52	48	92 526	37 538,199	754 246,382	20,093	19,632
3							53	49	91 869	36 630,539	716 708,183	19,566	19,105
4	0	99 524	92 851,919	3 757 877,152	40,472	40,011	54	50	91 150	35 719,098	680 077,644	19,040	18,578
5	1	99 191	90 949,869	3 665 025,233	40,297	39,836	55	51	90 355	34 798,313	644 358,546	18,517	18,056
6	2	99 152	89 349,866	3 574 075,364	40,001	39,540	56	52	89 508	33 879,292	609 560,233	17,992	17,531
7	3	99 125	87 789,723	3 484 725,499	39,694	39,233	57	53	88 595	32 956,998	575 680,941	17,468	17,006
8	4	99 102	86 259,112	3 396 935,776	39,381	38,919	58	54	87 622	32 034,545	542 723,943	16,942	16,481
9	5	99 080	84 757,230	3 310 676,664	39,061	38,599	59	55	86 571	31 105,764	510 689,398	16,418	15,957
10	6	99 063	83 284,804	3 225 919,434	38,734	38,272	60	56	85 432	30 168,456	479 583,634	15,897	15,436
11	7	99 046	81 838,506	3 142 634,630	38,400	37,939	61	57	84 205	29 223,945	449 415,178	15,378	14,917
12	8	99 028	80 416,425	3 060 796,125	38,062	37,601	62	58	82 915	28 281,253	420 191,233	14,858	14,396
13	9	99 011	79 020,169	2 980 379,700	37,717	37,255	63	59	81 522	27 327,956	391 909,981	14,341	13,880
14	10	98 996	77 649,370	2 901 359,531	37,365	36,904	64	60	80 067	26 378,549	364 582,025	13,821	13,360
15	11	98 972	76 295,145	2 823 710,161	37,010	36,549	65	61	78 485	25 412,537	338 203,476	13,309	12,847
16	12	98 945	74 962,013	2 747 415,016	36,651	36,190	66	62	76 822	24 446,406	312 790,940	12,795	12,334
17	13	98 908	73 645,248	2 672 453,004	36,288	35,827	67	63	75 068	23 477,188	288 344,533	12,282	11,821
18	14	98 864	72 346,791	2 598 807,755	35,922	35,460	68	64	73 223	22 506,346	264 867,345	11,769	11,307
19	15	98 797	71 054,186	2 526 460,964	35,557	35,096	69	65	71 267	21 528,526	242 360,999	11,258	10,796
20	16	98 730	69 784,583	2 455 406,778	35,186	34,724	70	66	69 187	20 540,600	220 832,473	10,751	10,290
21	17	98 655	68 532,365	2 385 622,195	34,810	34,349	71	67	66 999	19 549,104	200 291,874	10,246	9,784
22	18	98 582	67 303,877	2 317 089,830	34,427	33,966	72	68	64 680	18 547,722	180 742,770	9,745	9,284
23	19	98 505	66 094,658	2 249 785,953	34,039	33,578	73	69	62 183	17 525,065	162 195,048	9,255	8,794
24	20	98 430	64 908,158	2 183 691,294	33,643	33,182	74	70	59 529	16 488,646	144 669,983	8,774	8,313
25	21	98 352	63 741,598	2 118 783,136	33,240	32,779	75	71	56 695	15 433,502	128 181,337	8,305	7,844
26	22	98 273	62 594,645	2 055 041,539	32,831	32,370	76	72	53 717	14 371,246	112 747,835	7,845	7,384
27	23	98 190	61 466,380	1 992 446,894	32,415	31,954	77	73	50 550	13 291,405	98 376,589	7,402	6,940
28	24	98 105	60 357,253	1 930 980,513	31,993	31,531	78	74	47 205	12 198,417	85 085,184	6,975	6,514
29	25	98 022	59 268,930	1 870 623,261	31,562	31,100	79	75	43 717	11 102,847	72 886,767	6,565	6,103
30	26	97 937	58 199,115	1 811 354,331	31,123	30,662	80	76	40 154	10 022,409	61 783,920	6,165	5,703
31	27	97 846	57 144,880	1 753 155,216	30,679	30,218	81	77	36 478	8 948,455	51 761,511	5,784	5,323
32	28	97 749	56 105,929	1 696 010,336	30,229	29,768	82	78	32 770	7 900,572	42 813,056	5,419	4,958
33	29	97 650	55 085,485	1 639 904,407	29,770	29,309	83	79	29 072	6 888,358	34 912,484	5,068	4,607
34	30	97 552	54 083,746	1 584 818,922	29,303	28,842	84	80	25 454	5 927,334	28 024,126	4,728	4,267
35	31	97 447	53 096,037	1 530 735,175	28,830	28,368	85	81	21 908	5 013,891	22 096,792	4,407	3,946
36	32	97 331	52 120,674	1 477 639,139	28,350	27,889	86	82	18 475	4 155,440	17 082,901	4,111	3,650
37	33	97 208	51 159,798	1 425 518,464	27,864	27,403	87	83	15 235	3 367,829	12 927,461	3,839	3,377
38	34	97 077	50 212,067	1 374 358,667	27,371	26,910	88	84	12 224	2 655,791	9 559,632	3,600	3,138
39	35	96 933	49 275,333	1 324 146,600	26,872	26,411	89	85	9 612	2 052,417	6 903,841	3,364	2,903
40	36	96 778	48 350,384	1 274 871,267	26,367	25,906	90	86	7 348	1 541,855	4 851,423	3,146	2,685
41	37	96 601	47 431,891	1 226 520,882	25,859	25,397	91	87	5 510	1 136,413	3 309,569	2,912	2,451
42	38	96 407	46 522,349	1 179 088,992	25,345	24,883	92	88	3 931	796,772	2 173,156	2,727	2,266
43	39	96 194	45 621,565	1 132 566,643	24,825	24,364	93	89	2 691	536,051	1 376,384	2,568	2,106
44	40	95 942	44 719,222	1 086 945,078	24,306	23,845	94	90	1 773	347,061	840,333	2,421	1,960
45	41	95 670	43 825,305	1 042 225,856	23,781	23,320	95	91	1 128	217,059	493,272	2,273	1,811
46	42	95 360	42 932,022	998 400,551	23,255	22,794	96	92	679	128,382	276,213	2,151	1,690
47	43	95 007	42 037,611	955 468,528	22,729	22,268	97	93	390	72,462	147,831	2,040	1,579
48	44	94 613	41 143,332	913 430,918	22,201	21,740	98	94	213	38,862	75,368	1,939	1,478
49	45	94 172	40 247,347	872 287,586	21,673	21,212	99	95	110	19,751	36,507	1,848	1,387
							100	96	54	9,488	16,755	1,766	1,305



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	39 401,051	838 776,729	21,288	20,827
1							51	46	93 279	38 505,817	799 375,678	20,760	20,299
2							52	47	92 687	37 603,456	760 869,861	20,234	19,773
3							53	48	92 039	36 698,540	723 266,405	19,708	19,247
4							54	49	91 342	35 793,982	686 567,865	19,181	18,720
5	0	99 510	91 241,808	3 672 790,069	40,253	39,792	55	50	90 566	34 879,809	650 773,883	18,658	18,196
6	1	99 180	89 375,278	3 581 548,262	40,073	39,612	56	51	89 731	33 963,889	615 894,075	18,134	17,673
7	2	99 141	87 803,878	3 492 172,984	39,772	39,311	57	52	88 841	33 048,570	581 930,186	17,608	17,147
8	3	99 116	86 271,482	3 404 369,105	39,461	39,000	58	53	87 889	32 132,201	548 881,616	17,082	16,621
9	4	99 092	84 767,389	3 318 097,624	39,144	38,682	59	54	86 848	31 205,188	516 749,415	16,560	16,099
10	5	99 072	83 292,338	3 233 330,234	38,819	38,358	60	55	85 740	30 277,380	485 544,226	16,037	15,575
11	6	99 054	81 845,068	3 150 037,896	38,488	38,027	61	56	84 526	29 335,210	455 266,847	15,519	15,058
12	7	99 036	80 423,144	3 068 192,828	38,151	37,689	62	57	83 258	28 398,432	425 931,637	14,998	14,537
13	8	99 018	79 025,077	2 987 769,685	37,808	37,347	63	58	81 896	27 453,133	397 533,204	14,480	14,019
14	9	99 003	77 654,300	2 908 744,608	37,458	36,996	64	59	80 451	26 505,200	370 080,072	13,963	13,501
15	10	98 980	76 301,292	2 831 090,308	37,104	36,643	65	60	78 916	25 552,253	343 574,872	13,446	12,985
16	11	98 952	74 967,967	2 754 789,016	36,746	36,285	66	61	77 261	24 586,190	318 022,619	12,935	12,474
17	12	98 915	73 650,894	2 679 821,049	36,385	35,924	67	62	75 542	23 625,432	293 436,428	12,420	11,959
18	13	98 874	72 353,909	2 606 170,156	36,020	35,559	68	63	73 714	22 657,440	269 810,996	11,908	11,447
19	14	98 809	71 062,984	2 533 816,247	35,656	35,195	69	64	71 784	21 684,564	247 153,556	11,398	10,936
20	15	98 743	69 794,044	2 462 753,263	35,286	34,825	70	65	69 727	20 700,875	225 468,992	10,892	10,431
21	16	98 671	68 543,384	2 392 959,219	34,912	34,450	71	66	67 555	19 711,124	204 768,117	10,388	9,927
22	17	98 599	67 315,694	2 324 415,835	34,530	34,069	72	67	65 268	18 716,538	185 056,993	9,887	9,426
23	18	98 526	66 109,099	2 257 100,141	34,142	33,681	73	68	62 798	17 698,424	166 340,455	9,399	8,937
24	19	98 451	64 922,119	2 190 991,042	33,748	33,287	74	69	60 190	16 671,493	148 642,031	8,916	8,455
25	20	98 373	63 755,050	2 126 068,922	33,347	32,886	75	70	57 381	15 620,134	131 970,538	8,449	7,988
26	21	98 294	62 608,178	2 062 313,873	32,940	32,479	76	71	54 443	14 565,595	116 350,403	7,988	7,527
27	22	98 212	61 480,508	1 999 705,695	32,526	32,065	77	72	51 345	13 500,325	101 784,809	7,539	7,078
28	23	98 128	60 370,984	1 938 225,187	32,105	31,644	78	73	48 038	12 413,612	88 284,484	7,112	6,651
29	24	98 045	59 282,408	1 877 854,203	31,676	31,215	79	74	44 579	11 321,627	75 870,872	6,701	6,240
30	25	97 959	58 212,087	1 818 571,795	31,240	30,779	80	75	41 069	10 250,809	64 549,245	6,297	5,836
31	26	97 872	57 160,151	1 760 359,708	30,797	30,336	81	76	37 427	9 181,176	54 298,436	5,914	5,453
32	27	97 774	56 120,415	1 703 199,557	30,349	29,888	82	77	33 747	8 136,148	45 117,259	5,545	5,084
33	28	97 676	55 099,796	1 647 079,141	29,893	29,431	83	78	30 072	7 125,333	36 981,111	5,190	4,729
34	29	97 579	54 098,751	1 591 979,345	29,427	28,966	84	79	26 447	6 158,593	29 855,778	4,848	4,387
35	30	97 473	53 110,613	1 537 880,594	28,956	28,495	85	80	22 901	5 241,219	23 697,185	4,521	4,060
36	31	97 362	52 137,672	1 484 769,981	28,478	28,017	86	81	19 437	4 371,827	18 455,966	4,222	3,760
37	32	97 242	51 177,523	1 432 632,309	27,993	27,532	87	82	16 154	3 570,898	14 084,139	3,944	3,483
38	33	97 112	50 230,240	1 381 454,786	27,502	27,041	88	83	13 074	2 840,294	10 513,240	3,701	3,240
39	34	96 972	49 295,338	1 331 224,546	27,005	26,544	89	84	10 380	2 216,399	7 672,946	3,462	3,001
40	35	96 819	48 370,998	1 281 929,208	26,502	26,041	90	85	8 033	1 685,631	5 456,547	3,237	2,776
41	36	96 646	47 454,019	1 233 558,210	25,995	25,534	91	86	6 100	1 257,997	3 770,916	2,998	2,536
42	37	96 457	46 546,865	1 186 104,191	25,482	25,021	92	87	4 440	899,963	2 512,919	2,792	2,331
43	38	96 251	45 648,478	1 139 557,326	24,964	24,503	93	88	3 077	612,954	1 612,956	2,631	2,170
44	39	96 009	44 750,693	1 093 908,848	24,445	23,983	94	89	2 061	403,451	1 000,002	2,479	2,017
45	40	95 738	43 856,566	1 049 158,155	23,922	23,461	95	90	1 324	254,823	596,552	2,341	1,880
46	41	95 439	42 967,728	1 005 301,589	23,397	22,935	96	91	821	155,265	341,729	2,201	1,740
47	42	95 097	42 077,414	962 333,861	22,871	22,409	97	92	481	89,347	186,463	2,087	1,626
48	43	94 713	41 186,807	920 256,448	22,343	21,882	98	93	268	48,999	97,116	1,982	1,521
49	44	94 279	40 292,911	879 069,641	21,817	21,356	99	94	142	25,498	48,117	1,887	1,426
							100	95	71	12,558	22,619	1,801	1,340

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	39 445,657	844 979,968	21,421	20,960
1							51	45	93 405	38 557,969	805 534,311	20,892	20,430
2							52	46	92 831	37 661,867	766 976,342	20,365	19,904
3							53	47	92 199	36 762,338	729 314,475	19,839	19,377
4							54	48	91 511	35 860,430	692 552,137	19,312	18,851
5							55	49	90 756	34 952,933	656 691,708	18,788	18,327
6	0	99 498	89 662,163	3 588 716,449	40,025	39,564	56	50	89 942	34 043,430	621 738,775	18,263	17,802
7	1	99 170	87 828,851	3 499 054,287	39,839	39,378	57	51	89 063	33 131,093	587 695,345	17,738	17,277
8	2	99 132	86 285,392	3 411 225,436	39,534	39,073	58	52	88 134	32 221,481	554 564,252	17,211	16,750
9	3	99 106	84 779,545	3 324 940,044	39,219	38,757	59	53	87 112	31 300,316	522 342,771	16,688	16,227
10	4	99 083	83 302,322	3 240 160,498	38,896	38,435	60	54	86 014	30 374,156	491 042,455	16,166	15,705
11	5	99 063	81 852,472	3 156 858,177	38,568	38,106	61	55	84 831	29 441,126	460 668,299	15,647	15,186
12	6	99 044	80 429,592	3 075 005,704	38,232	37,771	62	56	83 575	28 506,555	431 227,173	15,127	14,666
13	7	99 026	79 031,679	2 994 576,112	37,891	37,430	63	57	82 235	27 566,881	402 720,619	14,609	14,148
14	8	99 009	77 659,124	2 915 544,433	37,543	37,082	64	58	80 820	26 626,608	375 153,737	14,089	13,628
15	9	98 986	76 306,136	2 837 885,309	37,191	36,730	65	59	79 295	25 674,937	348 527,130	13,575	13,113
16	10	98 960	74 974,006	2 761 579,173	36,834	36,373	66	60	77 686	24 721,364	322 852,193	13,060	12,598
17	11	98 923	73 656,744	2 686 605,167	36,475	36,013	67	61	75 973	23 760,522	298 130,829	12,547	12,086
18	12	98 881	72 359,456	2 612 948,423	36,111	35,649	68	62	74 180	22 800,508	274 370,307	12,034	11,572
19	13	98 819	71 069,975	2 540 588,967	35,748	35,287	69	63	72 266	21 830,141	251 569,798	11,524	11,063
20	14	98 755	69 802,685	2 469 518,992	35,379	34,917	70	64	70 232	20 850,914	229 739,657	11,018	10,557
21	15	98 684	68 552,677	2 399 716,307	35,005	34,544	71	65	68 082	19 864,927	208 888,743	10,515	10,054
22	16	98 615	67 326,517	2 331 163,630	34,625	34,164	72	66	65 809	18 871,658	189 023,816	10,016	9,555
23	17	98 544	66 120,706	2 263 837,113	34,238	33,777	73	67	63 370	17 859,510	170 152,157	9,527	9,066
24	18	98 472	64 936,304	2 197 716,407	33,844	33,383	74	68	60 785	16 836,408	152 292,647	9,045	8,584
25	19	98 394	63 768,763	2 132 780,103	33,446	32,984	75	69	58 017	15 793,351	135 456,239	8,577	8,116
26	20	98 314	62 621,390	2 069 011,339	33,040	32,579	76	70	55 102	14 741,732	119 662,889	8,117	7,656
27	21	98 234	61 493,800	2 006 389,949	32,628	32,166	77	71	52 039	13 682,896	104 921,157	7,668	7,207
28	22	98 150	60 384,860	1 944 896,149	32,208	31,747	78	72	48 793	12 608,734	91 238,261	7,236	6,775
29	23	98 067	59 295,895	1 884 511,289	31,781	31,320	79	73	45 365	11 521,355	78 629,527	6,825	6,363
30	24	97 982	58 225,325	1 825 215,394	31,347	30,886	80	74	41 878	10 452,800	67 108,173	6,420	5,959
31	25	97 894	57 172,892	1 766 990,069	30,906	30,445	81	75	38 280	9 390,405	56 655,373	6,033	5,572
32	26	97 800	56 135,412	1 709 817,178	30,459	29,998	82	76	34 625	8 347,744	47 264,967	5,662	5,201
33	27	97 701	55 114,023	1 653 681,765	30,005	29,544	83	77	30 969	7 337,794	38 917,223	5,304	4,842
34	28	97 605	54 112,806	1 598 567,742	29,541	29,080	84	78	27 357	6 370,463	31 579,429	4,957	4,496
35	29	97 500	53 125,348	1 544 454,936	29,072	28,611	85	79	23 795	5 445,709	25 208,967	4,629	4,168
36	30	97 389	52 151,985	1 491 329,589	28,596	28,135	86	80	20 318	4 570,044	19 763,258	4,325	3,863
37	31	97 273	51 194,213	1 439 177,604	28,112	27,651	87	81	16 995	3 756,847	15 193,213	4,044	3,583
38	32	97 146	50 247,643	1 387 983,390	27,623	27,162	88	82	13 862	3 011,555	11 436,367	3,797	3,336
39	33	97 007	49 313,179	1 337 735,748	27,127	26,666	89	83	11 101	2 370,377	8 424,812	3,554	3,093
40	34	96 859	48 390,636	1 288 422,568	26,625	26,164	90	84	8 674	1 820,308	6 054,436	3,326	2,865
41	35	96 687	47 474,251	1 240 031,932	26,120	25,659	91	85	6 669	1 375,304	4 234,127	3,079	2,617
42	36	96 502	46 568,581	1 192 557,682	25,609	25,147	92	86	4 915	996,249	2 858,824	2,870	2,408
43	37	96 302	45 672,534	1 145 989,101	25,091	24,630	93	87	3 476	692,338	1 862,575	2,690	2,229
44	38	96 066	44 777,093	1 100 316,567	24,573	24,112	94	88	2 356	461,330	1 170,236	2,537	2,075
45	39	95 805	43 887,430	1 055 539,475	24,051	23,590	95	89	1 540	296,226	708,906	2,393	1,932
46	40	95 507	42 998,377	1 011 652,045	23,528	23,066	96	90	964	182,278	412,680	2,264	1,803
47	41	95 176	42 112,408	968 653,668	23,002	22,540	97	91	581	108,057	230,402	2,132	1,671
48	42	94 803	41 225,804	926 541,260	22,475	22,014	98	92	331	60,417	122,345	2,025	1,564
49	43	94 379	40 335,487	885 315,456	21,949	21,488	99	93	179	32,150	61,928	1,926	1,465
							100	94	92	16,212	29,779	1,837	1,376

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	39 487,338	850 685,140	21,543	21,082
1							51	44	93 511	38 601,621	811 197,802	21,015	20,553
2							52	45	92 956	37 712,876	772 596,182	20,486	20,025
3							53	46	92 342	36 819,442	734 883,306	19,959	19,498
4							54	47	91 670	35 922,771	698 063,864	19,432	18,971
5							55	48	90 925	35 017,819	662 141,094	18,909	18,447
6							56	49	90 130	34 114,801	627 123,274	18,383	17,922
7	0	99 488	88 110,771	3 505 665,127	39,787	39,326	57	50	89 272	33 208,684	593 008,473	17,857	17,396
8	1	99 160	86 309,933	3 417 554,356	39,596	39,135	58	51	88 354	32 301,939	559 799,790	17,330	16,869
9	2	99 122	84 793,215	3 331 244,423	39,287	38,825	59	52	87 354	31 387,285	527 497,851	16,806	16,345
10	3	99 098	83 314,268	3 246 451,207	38,966	38,505	60	53	86 276	30 466,750	496 110,566	16,284	15,822
11	4	99 075	81 862,283	3 163 136,939	38,640	38,179	61	54	85 102	29 535,229	465 643,816	15,766	15,305
12	5	99 053	80 436,868	3 081 274,656	38,307	37,846	62	55	83 877	28 609,478	436 108,587	15,244	14,782
13	6	99 034	79 038,017	3 000 837,788	37,967	37,506	63	56	82 548	27 671,837	407 499,109	14,726	14,265
14	7	99 017	77 665,612	2 921 799,771	37,620	37,159	64	57	81 155	26 736,932	379 827,271	14,206	13,745
15	8	98 993	76 310,876	2 844 134,159	37,270	36,809	65	58	79 658	25 792,542	353 090,339	13,690	13,228
16	9	98 967	74 978,766	2 767 823,283	36,915	36,454	66	59	78 059	24 840,058	327 297,798	13,176	12,715
17	10	98 931	73 662,678	2 692 844,517	36,556	36,095	67	60	76 391	23 891,156	302 457,739	12,660	12,199
18	11	98 889	72 365,203	2 619 181,839	36,194	35,733	68	61	74 604	22 930,881	278 566,583	12,148	11,687
19	12	98 826	71 075,423	2 546 816,636	35,833	35,371	69	62	72 722	21 967,985	255 635,702	11,637	11,176
20	13	98 765	69 809,552	2 475 741,213	35,464	35,003	70	63	70 703	20 990,895	233 667,717	11,132	10,671
21	14	98 696	68 561,165	2 405 931,660	35,092	34,631	71	64	68 575	20 008,908	212 676,822	10,629	10,168
22	15	98 628	67 335,645	2 337 370,496	34,712	34,251	72	65	66 323	19 018,911	192 667,914	10,130	9,669
23	16	98 560	66 131,337	2 270 034,850	34,326	33,865	73	66	63 895	18 007,528	173 649,003	9,643	9,182
24	17	98 489	64 947,705	2 203 903,513	33,934	33,472	74	67	61 338	16 989,648	155 641,475	9,161	8,700
25	18	98 415	63 782,696	2 138 955,808	33,535	33,074	75	68	58 591	15 949,579	138 651,827	8,693	8,232
26	19	98 336	62 634,860	2 075 173,112	33,131	32,670	76	69	55 713	14 905,207	122 702,248	8,232	7,771
27	20	98 254	61 506,777	2 012 538,252	32,721	32,259	77	70	52 668	13 848,359	107 797,041	7,784	7,323
28	21	98 172	60 397,915	1 951 031,475	32,303	31,842	78	71	49 453	12 779,247	93 948,682	7,352	6,890
29	22	98 090	59 309,524	1 890 633,560	31,877	31,416	79	72	46 078	11 702,452	81 169,435	6,936	6,475
30	23	98 004	58 238,572	1 831 324,036	31,445	30,984	80	73	42 617	10 637,200	69 466,983	6,531	6,069
31	24	97 916	57 185,893	1 773 085,464	31,006	30,544	81	74	39 034	9 575,442	58 829,783	6,144	5,683
32	25	97 822	56 147,925	1 715 899,571	30,560	30,099	82	75	35 414	8 537,980	49 254,341	5,769	5,308
33	26	97 727	55 128,751	1 659 751,647	30,107	29,646	83	76	31 774	7 528,627	40 716,361	5,408	4,947
34	27	97 630	54 126,778	1 604 622,896	29,646	29,184	84	77	28 172	6 560,415	33 187,734	5,059	4,598
35	28	97 526	53 139,150	1 550 496,118	29,178	28,717	85	78	24 613	5 633,053	26 627,319	4,727	4,266
36	29	97 416	52 166,454	1 497 356,968	28,703	28,242	86	79	21 111	4 748,348	20 994,265	4,421	3,960
37	30	97 300	51 208,267	1 445 190,514	28,222	27,761	87	80	17 765	3 927,181	16 245,917	4,137	3,676
38	31	97 177	50 264,030	1 393 982,247	27,733	27,272	88	81	14 584	3 168,376	12 318,736	3,888	3,427
39	32	97 041	49 330,264	1 343 718,217	27,239	26,778	89	82	11 771	2 513,303	9 150,361	3,641	3,180
40	33	96 894	48 408,150	1 294 387,953	26,739	26,278	90	83	9 277	1 946,768	6 637,058	3,409	2,948
41	34	96 727	47 493,524	1 245 979,803	26,235	25,774	91	84	7 201	1 485,187	4 690,290	3,158	2,697
42	35	96 544	46 588,434	1 198 486,279	25,725	25,264	92	85	5 373	1 089,148	3 205,103	2,943	2,482
43	36	96 347	45 693,842	1 151 897,844	25,209	24,748	93	86	3 847	766,411	2 115,955	2,761	2,300
44	37	96 117	44 800,689	1 106 204,003	24,692	24,230	94	87	2 662	521,078	1 349,544	2,590	2,129
45	38	95 862	43 913,320	1 061 403,314	24,170	23,709	95	88	1 760	338,723	828,466	2,446	1,985
46	39	95 574	43 028,637	1 017 489,994	23,647	23,186	96	89	1 121	211,895	489,743	2,311	1,850
47	40	95 244	42 142,447	974 461,357	23,123	22,662	97	90	683	126,857	277,848	2,190	1,729
48	41	94 882	41 260,091	932 318,910	22,596	22,135	98	91	400	73,068	150,992	2,066	1,605
49	42	94 468	40 373,679	891 058,819	22,070	21,609	99	92	221	39,641	77,924	1,966	1,505
							100	93	116	20,441	38,283	1,873	1,412

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	39 524,726	855 925,568	21,655	21,194
1							51	43	93 609	38 642,409	816 400,841	21,127	20,666
2							52	44	93 062	37 755,571	777 758,432	20,600	20,139
3							53	45	92 468	36 869,310	740 002,861	20,071	19,610
4							54	46	91 813	35 978,570	703 133,551	19,543	19,082
5							55	47	91 083	35 078,696	667 154,981	19,019	18,558
6							56	48	90 297	34 178,131	632 076,285	18,494	18,032
7							57	49	89 459	33 278,304	597 898,154	17,967	17,505
8	0	99 478	86 586,978	3 423 646,577	39,540	39,079	58	50	88 561	32 377,588	564 619,849	17,439	16,977
9	1	99 150	84 817,332	3 337 059,600	39,344	38,883	59	51	87 572	31 465,659	532 242,262	16,915	16,454
10	2	99 114	83 327,702	3 252 242,268	39,030	38,568	60	52	86 516	30 551,403	500 776,603	16,391	15,930
11	3	99 089	81 874,023	3 168 914,566	38,705	38,244	61	53	85 361	29 625,266	470 225,199	15,872	15,411
12	4	99 065	80 446,510	3 087 040,543	38,374	37,913	62	54	84 145	28 700,924	440 599,933	15,351	14,890
13	5	99 043	79 045,167	3 006 594,034	38,036	37,575	63	55	82 846	27 771,747	411 899,010	14,832	14,370
14	6	99 025	77 671,840	2 927 548,867	37,691	37,230	64	56	81 464	26 838,728	384 127,263	14,312	13,851
15	7	99 001	76 317,252	2 849 877,027	37,343	36,881	65	57	79 988	25 899,410	357 288,535	13,795	13,334
16	8	98 973	74 983,424	2 773 559,775	36,989	36,528	66	58	78 417	24 953,839	331 389,124	13,280	12,819
17	9	98 937	73 667,355	2 698 576,352	36,632	36,171	67	59	76 758	24 005,864	306 435,285	12,765	12,304
18	10	98 897	72 371,033	2 624 908,997	36,270	35,809	68	60	75 014	23 056,954	282 429,421	12,249	11,788
19	11	98 834	71 081,068	2 552 537,964	35,910	35,449	69	61	73 138	22 093,598	259 372,467	11,740	11,279
20	12	98 773	69 814,904	2 481 456,895	35,543	35,082	70	62	71 150	21 123,440	237 278,869	11,233	10,772
21	13	98 706	68 567,910	2 411 641,991	35,172	34,710	71	63	69 036	20 143,236	216 155,430	10,731	10,270
22	14	98 641	67 343,982	2 343 074,081	34,793	34,331	72	64	66 804	19 156,760	196 012,194	10,232	9,771
23	15	98 573	66 140,303	2 275 730,099	34,408	33,946	73	65	64 394	18 148,038	176 855,434	9,745	9,284
24	16	98 505	64 958,148	2 209 589,796	34,016	33,554	74	66	61 847	17 130,457	158 707,397	9,265	8,803
25	17	98 433	63 793,894	2 144 631,648	33,618	33,157	75	67	59 124	16 094,748	141 576,940	8,796	8,335
26	18	98 357	62 648,545	2 080 837,754	33,214	32,753	76	68	56 264	15 052,650	125 482,193	8,336	7,875
27	19	98 276	61 520,007	2 018 189,209	32,805	32,344	77	69	53 252	14 001,927	110 429,542	7,887	7,426
28	20	98 192	60 410,661	1 956 669,202	32,389	31,928	78	70	50 051	12 933,783	96 427,615	7,455	6,994
29	21	98 111	59 322,346	1 896 258,541	31,965	31,504	79	71	46 701	11 860,709	83 493,833	7,040	6,578
30	22	98 026	58 251,958	1 836 936,195	31,534	31,073	80	72	43 287	10 804,400	71 633,124	6,630	6,169
31	23	97 939	57 198,903	1 778 684,237	31,096	30,635	81	73	39 723	9 744,364	60 828,724	6,242	5,781
32	24	97 844	56 160,693	1 721 485,334	30,653	30,192	82	74	36 112	8 706,220	51 084,359	5,868	5,406
33	25	97 749	55 141,039	1 665 324,641	30,201	29,740	83	75	32 498	7 700,197	42 378,139	5,504	5,042
34	26	97 656	54 141,242	1 610 183,602	29,740	29,279	84	76	28 905	6 731,031	34 677,943	5,152	4,691
35	27	97 551	53 152,870	1 556 042,360	29,275	28,814	85	77	25 347	5 801,018	27 946,912	4,818	4,356
36	28	97 441	52 180,007	1 502 889,490	28,802	28,341	86	78	21 837	4 911,702	22 145,894	4,509	4,048
37	29	97 327	51 222,474	1 450 709,483	28,322	27,861	87	79	18 459	4 080,403	17 234,192	4,224	3,762
38	30	97 204	50 277,828	1 399 487,009	27,835	27,374	88	80	15 245	3 312,029	13 153,790	3,972	3,510
39	31	97 073	49 346,353	1 349 209,181	27,342	26,880	89	81	12 384	2 644,178	9 841,761	3,722	3,261
40	32	96 927	48 424,921	1 299 862,828	26,843	26,382	90	82	9 836	2 064,152	7 197,582	3,487	3,026
41	33	96 762	47 510,713	1 251 437,907	26,340	25,879	91	83	7 702	1 588,365	5 133,430	3,232	2,771
42	34	96 583	46 607,349	1 203 927,193	25,831	25,370	92	84	5 803	1 176,168	3 545,065	3,014	2,553
43	35	96 388	45 713,323	1 157 319,845	25,317	24,856	93	85	4 206	837,878	2 368,897	2,827	2,366
44	36	96 162	44 821,590	1 111 606,522	24,801	24,339	94	86	2 946	576,827	1 531,019	2,654	2,193
45	37	95 912	43 936,461	1 066 784,932	24,280	23,819	95	87	1 988	382,591	954,191	2,494	2,033
46	38	95 631	43 054,020	1 022 848,470	23,757	23,296	96	88	1 281	242,293	571,600	2,359	1,898
47	39	95 311	42 172,105	979 794,450	23,233	22,772	97	89	793	147,468	329,307	2,233	1,772
48	40	94 949	41 289,522	937 622,345	22,708	22,247	98	90	470	85,780	181,839	2,120	1,659
49	41	94 547	40 407,256	896 332,824	22,182	21,721	99	91	267	47,942	96,058	2,004	1,542
							100	92	143	25,204	48,116	1,909	1,448

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	39 557,598	860 733,462	21,759	21,298
1							51	42	93 698	38 678,998	821 175,864	21,231	20,769
2							52	43	93 160	37 795,466	782 496,867	20,703	20,242
3							53	44	92 572	36 911,050	744 701,401	20,176	19,714
4							54	45	91 937	36 027,299	707 790,351	19,646	19,185
5							55	46	91 224	35 133,184	671 763,052	19,120	18,659
6							56	47	90 454	34 237,548	636 629,868	18,594	18,133
7							57	48	89 625	33 340,082	602 392,320	18,068	17,607
8							58	49	88 746	32 445,466	569 052,238	17,539	17,078
9	0	99 469	85 089,586	3 342 670,942	39,284	38,823	59	50	87 778	31 539,350	536 606,772	17,014	16,553
10	1	99 142	83 351,401	3 257 581,356	39,083	38,621	60	51	86 732	30 627,690	505 067,422	16,491	16,029
11	2	99 105	81 887,224	3 174 229,955	38,763	38,302	61	52	85 599	29 707,581	474 439,732	15,970	15,509
12	3	99 079	80 458,046	3 092 342,731	38,434	37,973	62	53	84 402	28 788,417	444 732,151	15,448	14,987
13	4	99 055	79 054,641	3 011 884,684	38,099	37,638	63	54	83 111	27 860,515	415 943,734	14,930	14,468
14	5	99 034	77 678,866	2 932 830,043	37,756	37,295	64	55	81 758	26 935,630	388 083,219	14,408	13,947
15	6	99 009	76 323,371	2 855 151,177	37,409	36,947	65	56	80 293	25 998,018	361 147,589	13,891	13,430
16	7	98 981	74 989,689	2 778 827,805	37,056	36,595	66	57	78 742	25 057,232	335 149,571	13,375	12,914
17	8	98 943	73 671,931	2 703 838,117	36,701	36,240	67	58	77 110	24 115,824	310 092,339	12,858	12,397
18	9	98 904	72 375,628	2 630 166,186	36,340	35,879	68	59	75 374	23 167,657	285 976,515	12,344	11,883
19	10	98 842	71 086,795	2 557 790,558	35,981	35,520	69	60	73 540	22 215,067	262 808,858	11,830	11,369
20	11	98 780	69 820,449	2 486 703,763	35,616	35,154	70	61	71 557	21 244,223	240 593,791	11,325	10,864
21	12	98 714	68 573,166	2 416 883,314	35,245	34,784	71	62	69 471	20 270,428	219 349,568	10,821	10,360
22	13	98 650	67 350,608	2 348 310,148	34,867	34,406	72	63	67 252	19 285,367	199 079,140	10,323	9,862
23	14	98 585	66 148,492	2 280 959,540	34,482	34,021	73	64	64 860	18 279,574	179 793,773	9,836	9,375
24	15	98 519	64 966,955	2 214 811,048	34,091	33,630	74	65	62 329	17 264,123	161 514,199	9,355	8,894
25	16	98 449	63 804,151	2 149 844,093	33,694	33,233	75	66	59 614	16 228,139	144 250,076	8,889	8,428
26	17	98 374	62 659,544	2 086 039,942	33,292	32,830	76	67	56 776	15 189,655	128 021,937	8,428	7,967
27	18	98 297	61 533,449	2 023 380,398	32,883	32,421	77	68	53 779	14 140,435	112 832,282	7,979	7,518
28	19	98 213	60 423,656	1 961 846,949	32,468	32,007	78	69	50 606	13 077,209	98 691,847	7,547	7,086
29	20	98 131	59 334,865	1 901 423,294	32,046	31,584	79	70	47 266	12 004,137	85 614,638	7,132	6,671
30	21	98 048	58 264,551	1 842 088,429	31,616	31,155	80	71	43 872	10 950,513	73 610,501	6,722	6,261
31	22	97 961	57 212,050	1 783 823,877	31,179	30,718	81	72	40 347	9 897,530	62 659,989	6,331	5,870
32	23	97 866	56 173,470	1 726 611,827	30,737	30,276	82	73	36 749	8 859,808	52 762,458	5,955	5,494
33	24	97 771	55 153,578	1 670 438,357	30,287	29,826	83	74	33 139	7 851,928	43 902,650	5,591	5,130
34	25	97 678	54 153,310	1 615 284,779	29,828	29,367	84	75	29 564	6 884,424	36 050,723	5,237	4,775
35	26	97 577	53 167,074	1 561 131,469	29,363	28,902	85	76	26 006	5 951,884	29 166,299	4,900	4,439
36	27	97 466	52 193,480	1 507 964,395	28,892	28,431	86	77	22 488	5 058,157	23 214,414	4,590	4,128
37	28	97 352	51 235,782	1 455 770,916	28,413	27,952	87	78	19 094	4 220,778	18 156,257	4,302	3,840
38	29	97 231	50 291,777	1 404 535,134	27,928	27,467	88	79	15 840	3 441,250	13 935,480	4,050	3,588
39	30	97 099	49 359,899	1 354 243,356	27,436	26,975	89	80	12 945	2 764,065	10 494,229	3,797	3,335
40	31	96 959	48 440,714	1 304 883,457	26,938	26,477	90	81	10 349	2 171,639	7 730,165	3,560	3,098
41	32	96 795	47 527,174	1 256 442,743	26,436	25,975	91	82	8 166	1 684,139	5 558,525	3,301	2,839
42	33	96 618	46 624,217	1 208 915,569	25,929	25,468	92	83	6 206	1 257,878	3 874,387	3,080	2,619
43	34	96 427	45 731,882	1 162 291,352	25,415	24,954	93	84	4 542	904,822	2 616,508	2,892	2,431
44	35	96 203	44 840,699	1 116 559,471	24,901	24,439	94	85	3 221	630,616	1 711,686	2,714	2,253
45	36	95 957	43 956,959	1 071 718,771	24,381	23,920	95	86	2 201	423,524	1 081,070	2,553	2,091
46	37	95 681	43 076,709	1 027 761,812	23,859	23,398	96	87	1 447	273,673	657,546	2,403	1,941
47	38	95 367	42 196,983	984 685,104	23,335	22,874	97	88	907	168,624	383,873	2,277	1,815
48	39	95 016	41 318,579	942 488,121	22,810	22,349	98	89	546	99,718	215,249	2,159	1,697
49	40	94 614	40 436,079	901 169,541	22,286	21,825	99	90	314	56,283	115,531	2,053	1,591
							100	91	173	30,481	59,248	1,944	1,483

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	39 585,815	865 139,625	21,855	21,394
1							51	41	93 776	38 711,166	825 553,811	21,326	20,865
2							52	42	93 248	37 831,252	786 842,645	20,799	20,338
3							53	43	92 670	36 950,052	749 011,393	20,271	19,810
4							54	44	92 041	36 068,086	712 061,340	19,742	19,281
5							55	45	91 348	35 180,768	675 993,254	19,215	18,754
6							56	46	90 595	34 290,730	640 812,486	18,688	18,226
7							57	47	89 781	33 398,042	606 521,756	18,160	17,699
8							58	48	88 911	32 505,698	573 123,714	17,631	17,170
9							59	49	87 962	31 605,470	540 618,017	17,105	16,644
10	0	99 460	83 618,950	3 262 748,179	39,019	38,558	60	50	86 935	30 699,418	509 012,546	16,581	16,119
11	1	99 133	81 910,514	3 179 129,229	38,812	38,351	61	51	85 812	29 781,761	478 313,128	16,061	15,599
12	2	99 095	80 471,020	3 097 218,715	38,489	38,027	62	52	84 636	28 868,407	448 531,367	15,537	15,076
13	3	99 069	79 065,978	3 016 747,696	38,155	37,694	63	53	83 364	27 945,446	419 662,960	15,017	14,556
14	4	99 046	77 688,177	2 937 681,717	37,814	37,353	64	54	82 019	27 021,725	391 717,514	14,496	14,035
15	5	99 018	76 330,276	2 859 993,540	37,469	37,007	65	55	80 583	26 091,884	364 695,789	13,977	13,516
16	6	98 989	74 995,702	2 783 663,264	37,118	36,656	66	56	79 041	25 152,633	338 603,905	13,462	13,001
17	7	98 952	73 678,086	2 708 667,562	36,764	36,302	67	57	77 429	24 215,745	313 451,271	12,944	12,483
18	8	98 910	72 380,123	2 634 989,477	36,405	35,944	68	58	75 719	23 273,777	289 235,526	12,428	11,966
19	9	98 849	71 091,308	2 562 609,353	36,047	35,586	69	59	73 893	22 321,728	265 961,749	11,915	11,454
20	10	98 788	69 826,074	2 491 518,045	35,682	35,221	70	60	71 950	21 361,022	243 640,021	11,406	10,945
21	11	98 721	68 578,613	2 421 691,971	35,313	34,851	71	61	69 869	20 386,334	222 278,998	10,903	10,442
22	12	98 658	67 355,771	2 353 113,357	34,936	34,474	72	62	67 677	19 407,142	201 892,664	10,403	9,942
23	13	98 595	66 155,000	2 285 757,587	34,552	34,090	73	63	65 296	18 402,292	182 485,522	9,916	9,455
24	14	98 531	64 974,998	2 219 602,587	34,161	33,700	74	64	62 781	17 389,253	164 083,230	9,436	8,975
25	15	98 462	63 812,802	2 154 627,589	33,765	33,304	75	65	60 079	16 354,765	146 693,977	8,969	8,508
26	16	98 390	62 669,619	2 090 814,787	33,362	32,901	76	66	57 246	15 315,545	130 339,213	8,510	8,049
27	17	98 314	61 544,252	2 028 145,168	32,954	32,493	77	67	54 269	14 269,137	115 023,667	8,061	7,600
28	18	98 235	60 436,857	1 966 600,916	32,540	32,079	78	68	51 106	13 206,569	100 754,530	7,629	7,168
29	19	98 153	59 347,628	1 906 164,059	32,119	31,657	79	69	47 790	12 137,254	87 547,961	7,213	6,752
30	20	98 068	58 276,847	1 846 816,431	31,690	31,229	80	70	44 403	11 082,934	75 410,707	6,804	6,343
31	21	97 982	57 224,419	1 788 539,584	31,255	30,794	81	71	40 893	10 031,379	64 327,773	6,413	5,951
32	22	97 889	56 186,381	1 731 315,165	30,814	30,353	82	72	37 327	8 999,070	54 296,394	6,034	5,572
33	23	97 793	55 166,126	1 675 128,783	30,365	29,904	83	73	33 723	7 990,445	45 297,324	5,669	5,208
34	24	97 700	54 165,625	1 619 962,657	29,908	29,446	84	74	30 146	7 020,080	37 306,878	5,314	4,853
35	25	97 599	53 178,925	1 565 797,033	29,444	28,983	85	75	26 599	6 087,521	30 286,798	4,975	4,514
36	26	97 493	52 207,427	1 512 618,108	28,973	28,512	86	76	23 073	5 189,704	24 199,277	4,663	4,202
37	27	97 378	51 249,011	1 460 410,681	28,496	28,035	87	77	19 663	4 346,631	19 009,573	4,373	3,912
38	28	97 256	50 304,843	1 409 161,670	28,012	27,551	88	78	16 385	3 559,637	14 662,941	4,119	3,658
39	29	97 126	49 373,593	1 358 856,827	27,522	27,061	89	79	13 450	2 871,907	11 103,304	3,866	3,405
40	30	96 985	48 454,012	1 309 483,233	27,025	26,564	90	80	10 818	2 270,101	8 231,398	3,626	3,165
41	31	96 827	47 542,674	1 261 029,221	26,524	26,063	91	81	8 591	1 771,837	5 961,297	3,364	2,903
42	32	96 651	46 640,371	1 213 486,547	26,018	25,557	92	82	6 580	1 333,724	4 189,460	3,141	2,680
43	33	96 462	45 748,433	1 166 846,177	25,506	25,045	93	83	4 858	967,682	2 855,736	2,951	2,490
44	34	96 242	44 858,904	1 121 097,744	24,992	24,530	94	84	3 478	681,000	1 888,054	2,772	2,311
45	35	95 998	43 975,700	1 076 238,840	24,473	24,012	95	85	2 406	463,018	1 207,053	2,607	2,146
46	36	95 726	43 096,805	1 032 263,140	23,952	23,491	96	86	1 602	302,953	744,036	2,456	1,995
47	37	95 417	42 219,220	989 166,335	23,429	22,968	97	87	1 025	190,463	441,082	2,316	1,855
48	38	95 072	41 342,954	946 947,115	22,905	22,443	98	88	624	114,023	250,620	2,198	1,737
49	39	94 681	40 464,536	905 604,161	22,380	21,919	99	89	364	65,428	136,596	2,088	1,627
							100	90	203	35,784	71,169	1,989	1,528

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	39 613,673	869 177,633	21,941	21,480
1							51	40	93 843	38 738,779	829 563,960	21,414	20,953
2							52	41	93 326	37 862,715	790 825,181	20,887	20,425
3							53	42	92 758	36 985,038	752 962,466	20,359	19,897
4							54	43	92 138	36 106,198	715 977,428	19,830	19,369
5							55	44	91 451	35 220,597	679 871,230	19,303	18,842
6							56	45	90 718	34 337,173	644 650,633	18,774	18,313
7							57	46	89 920	33 449,920	610 313,460	18,246	17,784
8							58	47	89 066	32 562,207	576 863,540	17,716	17,255
9							59	48	88 125	31 664,143	544 301,334	17,190	16,729
10							60	49	87 117	30 763,778	512 637,191	16,664	16,202
11	0	99 451	82 173,438	3 183 886,259	38,746	38,285	61	50	86 013	29 851,508	481 873,412	16,142	15,681
12	1	99 123	80 493,907	3 101 712,822	38,534	38,072	62	51	84 848	28 940,491	452 021,904	15,619	15,158
13	2	99 085	79 078,727	3 021 218,915	38,205	37,744	63	52	83 596	28 023,094	423 081,413	15,098	14,636
14	3	99 060	77 699,318	2 942 140,188	37,866	37,405	64	53	82 269	27 104,100	395 058,319	14,576	14,114
15	4	99 030	76 339,425	2 864 440,870	37,522	37,061	65	54	80 840	26 175,283	367 954,220	14,057	13,596
16	5	98 998	75 002,486	2 788 101,445	37,173	36,712	66	55	79 327	25 243,448	341 778,937	13,539	13,078
17	6	98 960	73 683,994	2 713 098,958	36,821	36,360	67	56	77 724	24 307,942	316 535,490	13,022	12,561
18	7	98 918	72 386,171	2 639 414,965	36,463	36,002	68	57	76 033	23 370,209	292 227,547	12,504	12,043
19	8	98 855	71 095,724	2 567 028,794	36,107	35,645	69	58	74 231	22 423,974	268 857,338	11,990	11,529
20	9	98 795	69 830,508	2 495 933,070	35,743	35,282	70	59	72 296	21 463,583	246 433,364	11,481	11,020
21	10	98 729	68 584,138	2 426 102,562	35,374	34,913	71	60	70 253	20 498,417	224 969,781	10,975	10,514
22	11	98 666	67 361,121	2 357 518,424	34,998	34,537	72	61	68 064	19 518,112	204 471,365	10,476	10,015
23	12	98 602	66 160,071	2 290 157,303	34,615	34,154	73	62	65 708	18 518,492	184 953,253	9,987	9,526
24	13	98 541	64 981,390	2 223 997,232	34,225	33,764	74	63	63 202	17 505,994	166 434,761	9,507	9,046
25	14	98 474	63 820,703	2 159 015,842	33,829	33,368	75	64	60 515	16 473,304	148 928,767	9,041	8,579
26	15	98 404	62 678,115	2 095 195,139	33,428	32,967	76	65	57 693	15 435,050	132 455,464	8,581	8,120
27	16	98 330	61 554,148	2 032 517,024	33,020	32,559	77	66	54 718	14 387,398	117 020,414	8,134	7,672
28	17	98 252	60 447,468	1 970 962,876	32,606	32,145	78	67	51 571	13 326,772	102 633,016	7,701	7,240
29	18	98 174	59 360,595	1 910 515,408	32,185	31,724	79	68	48 263	12 257,316	89 306,244	7,286	6,825
30	19	98 089	58 289,382	1 851 154,813	31,758	31,297	80	69	44 895	11 205,836	77 048,927	6,876	6,415
31	20	98 003	57 236,495	1 792 865,431	31,324	30,863	81	70	41 387	10 152,685	65 843,092	6,485	6,024
32	21	97 910	56 198,528	1 735 628,935	30,884	30,423	82	71	37 832	9 120,769	55 690,407	6,106	5,645
33	22	97 816	55 178,806	1 679 430,407	30,436	29,975	83	72	34 253	8 116,042	46 569,638	5,738	5,277
34	23	97 722	54 177,948	1 624 251,601	29,980	29,519	84	73	30 678	7 143,923	38 453,596	5,383	4,921
35	24	97 621	53 191,018	1 570 073,653	29,518	29,056	85	74	27 123	6 207,475	31 309,673	5,044	4,583
36	25	97 514	52 219,064	1 516 882,636	29,048	28,587	86	75	23 599	5 307,972	25 102,198	4,729	4,268
37	26	97 404	51 262,706	1 464 663,572	28,572	28,111	87	76	20 174	4 459,674	19 794,226	4,438	3,977
38	27	97 281	50 317,832	1 413 400,866	28,089	27,628	88	77	16 873	3 665,777	15 334,552	4,183	3,722
39	28	97 152	49 386,421	1 363 083,034	27,600	27,139	89	78	13 913	2 970,707	11 668,775	3,928	3,467
40	29	97 012	48 467,455	1 313 696,613	27,105	26,644	90	79	11 240	2 358,670	8 698,068	3,688	3,226
41	30	96 853	47 555,725	1 265 229,158	26,605	26,144	91	80	8 981	1 852,172	6 339,398	3,423	2,961
42	31	96 683	46 655,581	1 217 673,433	26,099	25,638	92	81	6 923	1 403,176	4 487,226	3,198	2,737
43	32	96 495	45 764,283	1 171 017,851	25,588	25,127	93	82	5 151	1 026,030	3 084,051	3,006	2,545
44	33	96 276	44 875,139	1 125 253,568	25,075	24,614	94	83	3 720	728,311	2 058,021	2,826	2,365
45	34	96 037	43 993,553	1 080 378,429	24,558	24,096	95	84	2 599	500,011	1 329,710	2,659	2,198
46	35	95 766	43 115,179	1 036 384,876	24,038	23,576	96	85	1 751	331,203	829,698	2,505	2,044
47	36	95 462	42 238,916	993 269,697	23,516	23,054	97	86	1 134	210,840	498,495	2,364	1,903
48	37	95 122	41 364,741	951 030,780	22,991	22,530	98	87	705	128,791	287,655	2,234	1,772
49	38	94 736	40 488,407	909 666,040	22,467	22,006	99	88	417	74,814	158,864	2,123	1,662
							100	89	236	41,599	84,051	2,021	1,559

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	39 637,042	872 875,056	22,022	21,560
1							51	39	93 909	38 766,041	833 238,014	21,494	21,033
2							52	40	93 392	37 889,723	794 471,973	20,968	20,507
3							53	41	92 835	37 015,798	756 582,250	20,439	19,978
4							54	42	92 226	36 140,385	719 566,452	19,910	19,449
5							55	43	91 548	35 257,813	683 426,068	19,384	18,922
6							56	44	90 820	34 376,046	648 168,255	18,855	18,394
7							57	45	90 042	33 495,224	613 792,208	18,325	17,864
8							58	46	89 204	32 612,786	580 296,984	17,794	17,332
9							59	47	88 278	31 719,189	547 684,198	17,267	16,805
10							60	48	87 279	30 820,888	515 965,009	16,741	16,280
11							61	49	86 194	29 914,090	485 144,120	16,218	15,757
12	0	99 442	80 752,283	3 106 092,893	38,464	38,003	62	50	85 046	29 008,268	455 230,030	15,693	15,232
13	1	99 113	79 101,218	3 025 340,610	38,246	37,785	63	51	83 805	28 093,068	426 221,762	15,172	14,711
14	2	99 076	77 711,846	2 946 239,392	37,912	37,451	64	52	82 498	27 179,409	398 128,695	14,648	14,187
15	3	99 044	76 350,373	2 868 527,545	37,571	37,109	65	53	81 087	26 255,077	370 949,285	14,129	13,667
16	4	99 010	75 011,476	2 792 177,173	37,223	36,762	66	54	79 580	25 324,134	344 694,209	13,611	13,150
17	5	98 969	73 690,660	2 717 165,697	36,873	36,411	67	55	78 004	24 395,707	319 370,075	13,091	12,630
18	6	98 926	72 391,975	2 643 475,037	36,516	36,055	68	56	76 323	23 459,187	294 974,368	12,574	12,113
19	7	98 863	71 101,664	2 571 083,062	36,161	35,699	69	57	74 539	22 516,885	271 515,181	12,058	11,597
20	8	98 801	69 834,845	2 499 981,398	35,798	35,337	70	58	72 627	21 561,898	248 998,296	11,548	11,087
21	9	98 736	68 588,492	2 430 146,552	35,431	34,970	71	59	70 590	20 596,836	227 436,398	11,042	10,581
22	10	98 674	67 366,548	2 361 558,060	35,055	34,594	72	60	68 438	19 625,421	206 839,563	10,539	10,078
23	11	98 610	66 165,326	2 294 191,512	34,674	34,212	73	61	66 084	18 624,380	187 214,142	10,052	9,591
24	12	98 548	64 986,372	2 228 026,186	34,285	33,823	74	62	63 602	17 616,534	168 589,762	9,570	9,109
25	13	98 484	63 826,981	2 163 039,814	33,889	33,428	75	63	60 921	16 583,895	150 973,228	9,104	8,642
26	14	98 416	62 685,876	2 099 212,833	33,488	33,027	76	64	58 111	15 546,923	134 389,332	8,644	8,183
27	15	98 343	61 562,493	2 036 526,957	33,081	32,619	77	65	55 145	14 499,661	118 842,409	8,196	7,735
28	16	98 268	60 457,187	1 974 964,464	32,667	32,206	78	66	51 999	13 437,223	104 342,749	7,765	7,304
29	17	98 191	59 371,017	1 914 507,277	32,246	31,785	79	67	48 702	12 368,879	90 905,526	7,350	6,888
30	18	98 111	58 302,118	1 855 136,260	31,819	31,358	80	68	45 339	11 316,684	78 536,647	6,940	6,479
31	19	98 024	57 248,807	1 796 834,142	31,386	30,925	81	69	41 846	10 265,271	67 219,963	6,548	6,087
32	20	97 930	56 210,388	1 739 585,336	30,948	30,487	82	70	38 289	9 231,063	56 954,692	6,170	5,709
33	21	97 837	55 190,735	1 683 374,947	30,501	30,040	83	71	34 716	8 225,799	47 723,628	5,802	5,340
34	22	97 745	54 190,400	1 628 184,212	30,046	29,584	84	72	31 160	7 256,214	39 497,829	5,443	4,982
35	23	97 643	53 203,119	1 573 993,812	29,585	29,123	85	73	27 602	6 316,982	32 241,615	5,104	4,643
36	24	97 536	52 230,939	1 520 790,693	29,117	28,655	86	74	24 064	5 412,565	25 924,633	4,790	4,329
37	25	97 425	51 274,132	1 468 559,754	28,641	28,180	87	75	20 634	4 561,305	20 512,068	4,497	4,036
38	26	97 307	50 331,278	1 417 285,622	28,159	27,698	88	76	17 312	3 761,112	15 950,763	4,241	3,780
39	27	97 177	49 399,172	1 366 954,344	27,672	27,210	89	77	14 328	3 059,286	12 189,651	3,984	3,523
40	28	97 038	48 480,047	1 317 555,172	27,177	26,716	90	78	11 627	2 439,814	9 130,365	3,742	3,281
41	29	96 880	47 568,919	1 269 075,125	26,679	26,217	91	79	9 331	1 924,435	6 690,551	3,477	3,015
42	30	96 709	46 668,389	1 221 506,205	26,174	25,713	92	80	7 237	1 466,795	4 766,115	3,249	2,788
43	31	96 527	45 779,208	1 174 837,816	25,663	25,202	93	81	5 419	1 079,459	3 299,320	3,056	2,595
44	32	96 310	44 890,687	1 129 058,608	25,151	24,690	94	82	3 944	772,226	2 219,861	2,875	2,413
45	33	96 072	44 009,475	1 084 167,921	24,635	24,174	95	83	2 779	534,748	1 447,636	2,707	2,246
46	34	95 805	43 132,683	1 040 158,446	24,115	23,654	96	84	1 891	357,665	912,888	2,552	2,091
47	35	95 503	42 256,924	997 025,762	23,594	23,133	97	85	1 240	230,501	555,222	2,409	1,948
48	36	95 167	41 384,039	954 768,838	23,071	22,610	98	86	781	142,570	324,721	2,278	1,816
49	37	94 786	40 509,743	913 384,799	22,547	22,086	99	87	471	84,503	182,152	2,156	1,694
							100	88	270	47,566	97,648	2,053	1,592



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	39 657,930	876 259,558	22,095	21,634
1							51	38	93 964	38 788,910	836 601,628	21,568	21,107
2							52	39	93 458	37 916,388	797 812,718	21,041	20,580
3							53	40	92 901	37 042,201	759 896,330	20,514	20,053
4							54	41	92 302	36 170,442	722 854,129	19,985	19,523
5							55	42	91 635	35 291,197	686 683,688	19,458	18,996
6							56	43	90 916	34 412,370	651 392,491	18,929	18,468
7							57	44	90 144	33 533,144	616 980,121	18,399	17,938
8							58	45	89 325	32 656,957	583 446,977	17,866	17,405
9							59	46	88 415	31 768,459	550 790,020	17,338	16,876
10							60	47	87 431	30 874,468	519 021,561	16,811	16,349
11							61	48	86 354	29 969,623	488 147,092	16,288	15,827
12							62	49	85 225	29 069,083	458 177,469	15,762	15,300
13	0	99 431	79 355,124	3 029 374,537	38,175	37,714	63	50	84 001	28 158,860	429 108,387	15,239	14,778
14	1	99 104	77 733,949	2 950 019,413	37,950	37,489	64	51	82 704	27 247,277	400 949,527	14,715	14,254
15	2	99 060	76 362,683	2 872 285,464	37,614	37,153	65	52	81 312	26 328,027	373 702,250	14,194	13,733
16	3	99 024	75 022,233	2 795 922,781	37,268	36,807	66	53	79 823	25 401,333	347 374,223	13,675	13,214
17	4	98 980	73 699,492	2 720 900,547	36,919	36,458	67	54	78 254	24 473,684	321 972,890	13,156	12,695
18	5	98 935	72 398,524	2 647 201,055	36,564	36,103	68	55	76 598	23 543,887	297 499,206	12,636	12,175
19	6	98 871	71 107,366	2 574 802,531	36,210	35,749	69	56	74 823	22 602,614	273 955,319	12,121	11,659
20	7	98 809	69 840,680	2 503 695,165	35,849	35,387	70	57	72 928	21 651,237	251 352,705	11,609	11,148
21	8	98 742	68 592,753	2 433 854,486	35,483	35,021	71	58	70 914	20 691,180	229 701,468	11,101	10,640
22	9	98 680	67 370,825	2 365 261,733	35,108	34,647	72	59	68 767	19 719,649	209 010,288	10,599	10,138
23	10	98 618	66 170,657	2 297 890,908	34,727	34,266	73	60	66 447	18 726,776	189 290,640	10,108	9,647
24	11	98 556	64 991,534	2 231 720,251	34,339	33,877	74	61	63 965	17 717,265	170 563,864	9,627	9,166
25	12	98 491	63 831,874	2 166 728,718	33,944	33,483	75	62	61 306	16 688,613	152 846,599	9,159	8,698
26	13	98 425	62 692,043	2 102 896,843	33,543	33,082	76	63	58 501	15 651,296	136 157,987	8,699	8,238
27	14	98 356	61 570,115	2 040 204,801	33,136	32,675	77	64	55 545	14 604,754	120 506,691	8,251	7,790
28	15	98 281	60 465,384	1 978 634,685	32,723	32,262	78	65	52 405	13 542,071	105 901,937	7,820	7,359
29	16	98 207	59 380,563	1 918 169,301	32,303	31,842	79	66	49 106	12 471,391	92 359,866	7,406	6,945
30	17	98 128	58 312,354	1 858 788,739	31,876	31,415	80	67	45 752	11 419,686	79 888,475	6,996	6,534
31	18	98 046	57 261,315	1 800 476,385	31,443	30,982	81	68	42 260	10 366,816	68 468,789	6,605	6,143
32	19	97 952	56 222,479	1 743 215,070	31,006	30,544	82	69	38 714	9 333,429	58 101,974	6,225	5,764
33	20	97 857	55 202,382	1 686 992,591	30,560	30,099	83	70	35 136	8 325,271	48 768,544	5,858	5,397
34	21	97 766	54 202,116	1 631 790,208	30,106	29,644	84	71	31 582	7 354,343	40 443,273	5,499	5,038
35	22	97 666	53 215,348	1 577 588,092	29,645	29,184	85	72	28 036	6 416,275	33 088,930	5,157	4,696
36	23	97 559	52 242,822	1 524 372,745	29,179	28,717	86	73	24 488	5 508,049	26 672,655	4,842	4,381
37	24	97 447	51 285,792	1 472 129,923	28,704	28,243	87	74	21 041	4 651,185	21 164,606	4,550	4,089
38	25	97 329	50 342,497	1 420 844,131	28,224	27,762	88	75	17 706	3 846,824	16 513,421	4,293	3,832
39	26	97 203	49 412,373	1 370 501,634	27,736	27,275	89	76	14 701	3 138,849	12 666,597	4,035	3,574
40	27	97 063	48 492,564	1 321 089,261	27,243	26,782	90	77	11 973	2 512,563	9 527,749	3,792	3,331
41	28	96 905	47 581,278	1 272 596,697	26,746	26,285	91	78	9 652	1 990,640	7 015,185	3,524	3,063
42	29	96 736	46 681,337	1 225 015,419	26,242	25,781	92	79	7 519	1 524,023	5 024,545	3,297	2,836
43	30	96 553	45 791,775	1 178 334,082	25,732	25,271	93	80	5 665	1 128,401	3 500,522	3,102	2,641
44	31	96 341	44 905,327	1 132 542,307	25,221	24,759	94	81	4 150	812,438	2 372,121	2,920	2,459
45	32	96 105	44 024,723	1 087 636,980	24,705	24,244	95	82	2 947	566,992	1 559,683	2,751	2,290
46	33	95 840	43 148,294	1 043 612,257	24,187	23,725	96	83	2 023	382,513	992,691	2,595	2,134
47	34	95 541	42 274,080	1 000 463,963	23,666	23,205	97	84	1 339	248,917	610,178	2,451	1,990
48	35	95 207	41 401,682	958 189,882	23,144	22,683	98	85	853	155,864	361,261	2,318	1,857
49	36	94 831	40 528,642	916 788,200	22,621	22,160	99	86	521	93,544	205,396	2,196	1,735
							100	87	305	53,727	111,852	2,082	1,621

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	39 676,432	879 356,842	22,163	21,702
1							51	37	94 014	38 809,351	839 680,410	21,636	21,175
2							52	38	93 513	37 938,755	800 871,059	21,110	20,648
3							53	39	92 966	37 068,270	762 932,304	20,582	20,121
4							54	40	92 368	36 196,242	725 864,034	20,054	19,592
5							55	41	91 711	35 320,547	689 667,792	19,526	19,065
6							56	42	91 002	34 444,953	654 347,245	18,997	18,536
7							57	43	90 239	33 568,577	619 902,291	18,467	18,006
8							58	44	89 426	32 693,928	586 333,714	17,934	17,473
9							59	45	88 535	31 811,486	553 639,786	17,404	16,943
10							60	46	87 567	30 922,427	521 828,300	16,875	16,414
11							61	47	86 504	30 021,723	490 905,873	16,352	15,890
12							62	48	85 383	29 123,046	460 884,150	15,825	15,364
13							63	49	84 177	28 217,894	431 761,104	15,301	14,840
14	0	99 422	77 983,466	2 953 735,898	37,876	37,415	64	50	82 898	27 311,088	403 543,210	14,776	14,315
15	1	99 088	76 384,402	2 875 752,432	37,648	37,187	65	51	81 515	26 393,769	376 232,122	14,255	13,793
16	2	99 040	75 034,330	2 799 368,030	37,308	36,847	66	52	80 045	25 471,912	349 838,354	13,734	13,273
17	3	98 995	73 710,061	2 724 333,700	36,960	36,499	67	53	78 492	24 548,290	324 366,442	13,213	12,752
18	4	98 947	72 407,202	2 650 623,639	36,607	36,146	68	54	76 843	23 619,142	299 818,152	12,694	12,233
19	5	98 880	71 113,798	2 578 216,437	36,255	35,794	69	55	75 093	22 684,221	276 199,010	12,176	11,715
20	6	98 817	69 846,280	2 507 102,638	35,895	35,433	70	56	73 205	21 733,670	253 514,789	11,665	11,203
21	7	98 750	68 598,484	2 437 256,358	35,529	35,068	71	57	71 207	20 776,911	231 781,119	11,156	10,695
22	8	98 686	67 375,009	2 368 657,875	35,156	34,695	72	58	69 082	19 809,975	211 004,208	10,651	10,190
23	9	98 624	66 174,858	2 301 282,865	34,776	34,315	73	59	66 766	18 816,688	191 194,232	10,161	9,700
24	10	98 564	64 996,770	2 235 108,007	34,388	33,927	74	60	64 317	17 814,673	172 377,544	9,676	9,215
25	11	98 499	63 836,944	2 170 111,237	33,995	33,533	75	61	61 656	16 784,038	154 562,871	9,209	8,748
26	12	98 433	62 696,849	2 106 274,293	33,595	33,133	76	62	58 871	15 750,124	137 778,833	8,748	8,287
27	13	98 365	61 576,172	2 043 577,444	33,188	32,727	77	63	55 918	14 702,801	122 028,709	8,300	7,838
28	14	98 293	60 472,870	1 982 001,272	32,775	32,314	78	64	52 784	13 640,224	107 325,907	7,868	7,407
29	15	98 220	59 388,614	1 921 528,402	32,355	31,894	79	65	49 489	12 568,703	93 685,683	7,454	6,993
30	16	98 144	58 321,730	1 862 139,788	31,929	31,468	80	66	46 131	11 514,331	81 116,980	7,045	6,584
31	17	98 063	57 271,368	1 803 818,058	31,496	31,035	81	67	42 645	10 461,171	69 602,650	6,653	6,192
32	18	97 973	56 234,763	1 746 546,690	31,058	30,597	82	68	39 097	9 425,756	59 141,478	6,274	5,813
33	19	97 878	55 214,256	1 690 311,927	30,614	30,152	83	69	35 526	8 417,592	49 715,722	5,906	5,445
34	20	97 786	54 213,554	1 635 097,671	30,160	29,699	84	70	31 964	7 443,277	41 298,130	5,548	5,087
35	21	97 687	53 226,853	1 580 884,116	29,701	29,240	85	71	28 415	6 503,045	33 854,853	5,206	4,745
36	22	97 581	52 254,830	1 527 657,264	29,235	28,774	86	72	24 873	5 594,627	27 351,808	4,889	4,428
37	23	97 470	51 297,460	1 475 402,434	28,762	28,301	87	73	21 412	4 733,237	21 757,181	4,597	4,135
38	24	97 351	50 353,945	1 424 104,974	28,282	27,821	88	74	18 055	3 922,625	17 023,944	4,340	3,879
39	25	97 224	49 423,387	1 373 751,030	27,796	27,334	89	75	15 036	3 210,380	13 101,318	4,081	3,620
40	26	97 089	48 505,523	1 324 327,643	27,303	26,841	90	76	12 285	2 577,907	9 890,939	3,837	3,376
41	27	96 930	47 593,563	1 275 822,120	26,807	26,345	91	77	9 940	2 049,997	7 313,032	3,567	3,106
42	28	96 761	46 693,465	1 228 228,557	26,304	25,843	92	78	7 778	1 576,453	5 263,035	3,339	2,877
43	29	96 580	45 804,480	1 181 535,092	25,795	25,334	93	79	5 886	1 172,426	3 686,582	3,144	2,683
44	30	96 368	44 917,654	1 135 730,612	25,285	24,824	94	80	4 338	849,274	2 514,155	2,960	2,499
45	31	96 136	44 039,081	1 090 812,958	24,769	24,308	95	81	3 100	596,517	1 664,882	2,791	2,330
46	32	95 873	43 163,243	1 046 773,877	24,252	23,790	96	82	2 145	405,577	1 068,365	2,634	2,173
47	33	95 576	42 289,380	1 003 610,634	23,732	23,271	97	83	1 432	266,210	662,788	2,490	2,029
48	34	95 246	41 418,491	961 321,253	23,210	22,749	98	84	922	168,318	396,578	2,356	1,895
49	35	94 871	40 545,921	919 902,763	22,688	22,227	99	85	570	102,267	228,260	2,232	1,771
							100	86	337	59,475	125,993	2,118	1,657

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	39 693,347	882 191,322	22,225	21,764
1							51	36	94 058	38 827,457	842 497,975	21,699	21,237
2							52	37	93 562	37 958,748	803 670,518	21,172	20,711
3							53	38	93 021	37 090,137	765 711,770	20,645	20,183
4							54	39	92 433	36 221,715	728 621,633	20,116	19,654
5							55	40	91 776	35 345,741	692 399,917	19,589	19,128
6							56	41	91 078	34 473,600	657 054,176	19,060	18,598
7							57	42	90 325	33 600,362	622 580,576	18,529	18,068
8							58	43	89 520	32 728,474	588 980,214	17,996	17,535
9							59	44	88 635	31 847,500	556 251,740	17,466	17,005
10							60	45	87 685	30 964,308	524 404,240	16,936	16,475
11							61	46	86 638	30 068,356	493 439,932	16,411	15,949
12							62	47	85 531	29 173,675	463 371,575	15,883	15,422
13							63	48	84 333	28 270,277	434 197,901	15,359	14,898
14							64	49	83 071	27 368,344	405 927,623	14,832	14,371
15	0	99 406	76 629,587	2 879 178,009	37,573	37,111	65	50	81 706	26 455,581	378 559,279	14,309	13,848
16	1	99 068	75 055,671	2 802 548,422	37,340	36,878	66	51	80 245	25 535,515	352 103,698	13,789	13,328
17	2	99 011	73 721,946	2 727 492,751	36,997	36,536	67	52	78 710	24 616,499	326 568,182	13,266	12,805
18	3	98 961	72 417,586	2 653 770,804	36,645	36,184	68	53	77 077	23 691,143	301 951,684	12,745	12,284
19	4	98 892	71 122,322	2 581 353,219	36,295	35,833	69	54	75 333	22 756,727	278 260,540	12,228	11,766
20	5	98 826	69 852,599	2 510 230,896	35,936	35,475	70	55	73 470	21 812,140	255 503,813	11,714	11,253
21	6	98 758	68 603,984	2 440 378,298	35,572	35,111	71	56	71 478	20 856,016	233 691,673	11,205	10,744
22	7	98 694	67 380,639	2 371 774,313	35,200	34,738	72	57	69 368	19 892,055	212 835,657	10,700	10,238
23	8	98 631	66 178,969	2 304 393,675	34,821	34,359	73	58	67 072	18 902,879	192 943,602	10,207	9,746
24	9	98 570	65 000,896	2 238 214,706	34,434	33,972	74	59	64 626	17 900,207	174 040,723	9,723	9,262
25	10	98 507	63 842,087	2 173 213,810	34,040	33,579	75	60	61 995	16 876,316	156 140,516	9,252	8,791
26	11	98 441	62 701,829	2 109 371,722	33,641	33,180	76	61	59 207	15 840,183	139 264,201	8,792	8,331
27	12	98 373	61 580,893	2 046 669,894	33,235	32,774	77	62	56 271	14 795,641	123 424,017	8,342	7,881
28	13	98 303	60 478,820	1 985 089,001	32,823	32,362	78	63	53 139	13 731,796	108 628,377	7,911	7,450
29	14	98 232	59 395,966	1 924 610,181	32,403	31,942	79	64	49 848	12 659,801	94 896,581	7,496	7,035
30	15	98 157	58 329,637	1 865 214,215	31,977	31,516	80	65	46 491	11 604,175	82 236,780	7,087	6,626
31	16	98 079	57 280,577	1 806 884,578	31,544	31,083	81	66	42 998	10 547,872	70 632,605	6,696	6,235
32	17	97 990	56 244,636	1 749 604,001	31,107	30,646	82	67	39 452	9 511,546	60 084,732	6,317	5,856
33	18	97 900	55 226,320	1 693 359,365	30,662	30,201	83	68	35 877	8 500,860	50 573,186	5,949	5,488
34	19	97 807	54 225,216	1 638 133,045	30,210	29,749	84	69	32 318	7 525,818	42 072,326	5,590	5,129
35	20	97 707	53 238,085	1 583 907,829	29,751	29,290	85	70	28 758	6 581,685	34 546,508	5,249	4,788
36	21	97 602	52 266,127	1 530 669,744	29,286	28,825	86	71	25 210	5 670,285	27 964,824	4,932	4,471
37	22	97 492	51 309,251	1 478 403,618	28,814	28,352	87	72	21 748	4 807,636	22 294,539	4,637	4,176
38	23	97 373	50 365,401	1 427 094,367	28,335	27,874	88	73	18 374	3 991,825	17 486,902	4,381	3,919
39	24	97 246	49 434,626	1 376 728,966	27,849	27,388	89	74	15 332	3 273,640	13 495,077	4,122	3,661
40	25	97 110	48 516,334	1 327 294,340	27,358	26,896	90	75	12 565	2 636,655	10 221,438	3,877	3,415
41	26	96 956	47 606,281	1 278 778,006	26,862	26,400	91	76	10 198	2 103,311	7 584,783	3,606	3,145
42	27	96 786	46 705,521	1 231 171,724	26,360	25,899	92	77	8 010	1 623,459	5 481,472	3,376	2,915
43	28	96 605	45 816,380	1 184 466,204	25,852	25,391	93	78	6 088	1 212,761	3 858,013	3,181	2,720
44	29	96 394	44 930,116	1 138 649,824	25,343	24,881	94	79	4 507	882,409	2 645,252	2,998	2,537
45	30	96 163	44 051,170	1 093 719,707	24,828	24,367	95	80	3 241	623,563	1 762,844	2,827	2,366
46	31	95 904	43 177,320	1 049 668,537	24,311	23,849	96	81	2 256	426,697	1 139,281	2,670	2,209
47	32	95 609	42 304,032	1 006 491,217	23,792	23,331	97	82	1 519	282,261	712,584	2,525	2,063
48	33	95 280	41 433,481	964 187,185	23,271	22,810	98	83	986	180,011	430,322	2,391	1,929
49	34	94 910	40 562,382	922 753,704	22,749	22,288	99	84	615	110,438	250,312	2,267	1,805
							100	85	369	65,021	139,874	2,151	1,690

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	39 709,462	884 786,141	22,281	21,820
1							51	35	94 098	38 844,010	845 076,679	21,756	21,294
2							52	36	93 606	37 976,457	806 232,669	21,230	20,769
3							53	37	93 070	37 109,682	768 256,212	20,702	20,241
4							54	38	92 488	36 243,083	731 146,529	20,173	19,712
5							55	39	91 841	35 370,616	694 903,446	19,646	19,185
6							56	40	91 143	34 498,190	659 532,830	19,118	18,657
7							57	41	90 400	33 628,306	625 034,639	18,587	18,125
8							58	42	89 605	32 759,463	591 406,333	18,053	17,592
9							59	43	88 729	31 881,152	558 646,870	17,523	17,062
10							60	44	87 784	30 999,363	526 765,718	16,993	16,532
11							61	45	86 755	30 109,081	495 766,356	16,466	16,004
12							62	46	85 664	29 218,991	465 657,275	15,937	15,476
13							63	47	84 480	28 319,423	436 438,284	15,411	14,950
14							64	48	83 226	27 419,151	408 118,860	14,884	14,423
15							65	49	81 877	26 511,044	380 699,709	14,360	13,899
16	0	99 386	75 296,591	2 805 707,536	37,262	36,801	66	50	80 433	25 595,318	354 188,665	13,838	13,377
17	1	99 039	73 742,914	2 730 410,945	37,026	36,565	67	51	78 907	24 677,966	328 593,347	13,315	12,854
18	2	98 977	72 429,262	2 656 668,031	36,679	36,218	68	52	77 291	23 756,970	303 915,381	12,793	12,331
19	3	98 906	71 132,522	2 584 238,768	36,330	35,869	69	53	75 563	22 826,100	280 158,411	12,274	11,812
20	4	98 838	69 860,971	2 513 106,247	35,973	35,512	70	54	73 704	21 881,859	257 332,311	11,760	11,299
21	5	98 767	68 610,191	2 443 245,275	35,611	35,149	71	55	71 737	20 931,317	235 450,452	11,249	10,788
22	6	98 702	67 386,041	2 374 635,085	35,239	34,778	72	56	69 632	19 967,791	214 519,135	10,743	10,282
23	7	98 639	66 184,498	2 307 249,043	34,861	34,400	73	57	67 350	18 981,201	194 551,344	10,250	9,788
24	8	98 576	65 004,934	2 241 064,545	34,475	34,014	74	58	64 922	17 982,199	175 570,143	9,764	9,302
25	9	98 513	63 846,141	2 176 059,612	34,083	33,622	75	59	62 293	16 957,344	157 587,944	9,293	8,832
26	10	98 449	62 706,880	2 112 213,471	33,684	33,223	76	60	59 533	15 927,272	140 630,600	8,830	8,368
27	11	98 381	61 585,784	2 049 506,591	33,279	32,818	77	61	56 593	14 880,242	124 703,329	8,380	7,919
28	12	98 311	60 483,456	1 987 920,807	32,867	32,406	78	62	53 474	13 818,504	109 823,087	7,948	7,486
29	13	98 242	59 401,810	1 927 437,351	32,447	31,986	79	63	50 182	12 744,791	96 004,583	7,533	7,072
30	14	98 169	58 336,859	1 868 035,541	32,022	31,560	80	64	46 828	11 688,282	83 259,792	7,123	6,662
31	15	98 092	57 288,343	1 809 698,682	31,589	31,128	81	65	43 334	10 630,176	71 571,510	6,733	6,272
32	16	98 006	56 253,679	1 752 410,339	31,152	30,691	82	66	39 779	9 590,377	60 941,334	6,354	5,893
33	17	97 917	55 236,016	1 696 156,660	30,707	30,246	83	67	36 204	8 578,232	51 350,957	5,986	5,525
34	18	97 829	54 237,063	1 640 920,644	30,255	29,793	84	68	32 638	7 600,263	42 772,725	5,628	5,167
35	19	97 728	53 249,537	1 586 683,581	29,797	29,336	85	69	29 077	6 654,671	35 172,461	5,285	4,824
36	20	97 623	52 277,157	1 533 434,044	29,333	28,872	86	70	25 514	5 738,854	28 517,791	4,969	4,508
37	21	97 513	51 320,343	1 481 156,887	28,861	28,400	87	71	22 042	4 872,652	22 778,936	4,675	4,214
38	22	97 396	50 376,977	1 429 836,544	28,383	27,922	88	72	18 663	4 054,570	17 906,284	4,416	3,955
39	23	97 269	49 445,873	1 379 459,567	27,898	27,437	89	73	15 602	3 331,391	13 851,714	4,158	3,697
40	24	97 132	48 527,367	1 330 013,694	27,407	26,946	90	74	12 812	2 688,610	10 520,324	3,913	3,452
41	25	96 978	47 616,893	1 281 486,327	26,912	26,451	91	75	10 431	2 151,243	7 831,714	3,641	3,179
42	26	96 812	46 718,002	1 233 869,434	26,411	25,950	92	76	8 218	1 665,680	5 680,471	3,410	2,949
43	27	96 630	45 828,210	1 187 151,432	25,904	25,443	93	77	6 270	1 248,922	4 014,790	3,215	2,753
44	28	96 419	44 941,789	1 141 323,223	25,396	24,934	94	78	4 662	912,766	2 765,868	3,030	2,569
45	29	96 189	44 063,392	1 096 381,434	24,882	24,421	95	79	3 367	647,891	1 853,103	2,860	2,399
46	30	95 931	43 189,173	1 052 318,042	24,365	23,904	96	80	2 359	446,043	1 205,211	2,702	2,241
47	31	95 640	42 317,829	1 009 128,869	23,846	23,385	97	81	1 598	296,960	759,168	2,556	2,095
48	32	95 313	41 447,836	966 811,040	23,326	22,865	98	82	1 045	190,865	462,208	2,422	1,960
49	33	94 944	40 577,063	925 363,204	22,805	22,344	99	83	658	118,110	271,343	2,297	1,836
							100	84	398	70,216	153,233	2,182	1,721

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	39 723,834	887 161,477	22,333	21,872
1							51	34	94 136	38 859,780	847 437,643	21,808	21,346
2							52	35	93 646	37 992,648	808 577,863	21,282	20,821
3							53	36	93 114	37 126,995	770 585,215	20,755	20,294
4							54	37	92 536	36 262,183	733 458,220	20,227	19,765
5							55	38	91 895	35 391,482	697 196,037	19,700	19,238
6							56	39	91 207	34 522,469	661 804,555	19,170	18,709
7							57	40	90 464	33 652,293	627 282,087	18,640	18,179
8							58	41	89 680	32 786,708	593 629,793	18,106	17,645
9							59	42	88 813	31 911,339	560 843,085	17,575	17,114
10							60	43	87 877	31 032,118	528 931,747	17,045	16,583
11							61	44	86 854	30 143,167	497 899,628	16,518	16,057
12							62	45	85 780	29 258,565	467 756,461	15,987	15,526
13							63	46	84 611	28 363,413	438 497,895	15,460	14,999
14							64	47	83 370	27 466,817	410 134,483	14,932	14,471
15							65	48	82 029	26 560,259	382 667,665	14,408	13,946
16							66	49	80 601	25 648,977	356 107,406	13,884	13,423
17	0	99 357	73 979,620	2 733 325,983	36,947	36,486	67	50	79 092	24 735,760	330 458,429	13,360	12,898
18	1	99 005	72 449,862	2 659 346,363	36,706	36,245	68	51	77 484	23 816,291	305 722,669	12,837	12,375
19	2	98 922	71 143,991	2 586 896,500	36,361	35,900	69	52	75 772	22 889,523	281 906,377	12,316	11,855
20	3	98 852	69 870,990	2 515 752,509	36,006	35,544	70	53	73 929	21 948,565	259 016,854	11,801	11,340
21	4	98 779	68 618,415	2 445 881,519	35,645	35,183	71	54	71 966	20 998,221	237 068,289	11,290	10,829
22	5	98 711	67 392,138	2 377 263,105	35,275	34,814	72	55	69 883	20 039,885	216 070,069	10,782	10,321
23	6	98 647	66 189,805	2 309 870,967	34,898	34,436	73	56	67 606	19 053,468	196 030,183	10,288	9,827
24	7	98 584	65 010,365	2 243 681,162	34,513	34,051	74	57	65 191	18 056,706	176 976,715	9,801	9,340
25	8	98 519	63 850,107	2 178 670,797	34,122	33,660	75	58	62 578	17 035,017	158 920,009	9,329	8,868
26	9	98 455	62 710,861	2 114 820,691	33,723	33,262	76	59	59 819	16 003,743	141 884,992	8,866	8,405
27	10	98 389	61 590,746	2 052 109,830	33,318	32,857	77	60	56 904	14 962,052	125 881,249	8,413	7,952
28	11	98 318	60 488,260	1 990 519,084	32,908	32,446	78	61	53 780	13 897,518	110 919,196	7,981	7,520
29	12	98 250	59 406,364	1 930 030,824	32,489	32,027	79	62	50 499	12 825,267	97 021,678	7,565	7,104
30	13	98 179	58 342,598	1 870 624,460	32,063	31,602	80	63	47 142	11 766,750	84 196,411	7,155	6,694
31	14	98 104	57 295,436	1 812 281,862	31,630	31,169	81	64	43 648	10 707,223	72 429,661	6,765	6,303
32	15	98 019	56 261,306	1 754 986,426	31,193	30,732	82	65	40 090	9 665,209	61 722,438	6,386	5,925
33	16	97 933	55 244,897	1 698 725,120	30,749	30,288	83	66	36 504	8 649,327	52 057,229	6,019	5,557
34	17	97 846	54 246,586	1 643 480,223	30,296	29,835	84	67	32 935	7 669,439	43 407,901	5,660	5,199
35	18	97 750	53 261,171	1 589 233,637	29,839	29,377	85	68	29 365	6 720,499	35 738,462	5,318	4,857
36	19	97 644	52 288,402	1 535 972,466	29,375	28,914	86	69	25 797	5 802,494	29 017,963	5,001	4,540
37	20	97 534	51 331,174	1 483 684,065	28,904	28,443	87	70	22 309	4 931,575	23 215,469	4,708	4,246
38	21	97 417	50 387,868	1 432 352,891	28,427	27,965	88	71	18 915	4 109,402	18 283,894	4,449	3,988
39	22	97 291	49 457,238	1 381 965,023	27,943	27,481	89	72	15 848	3 383,755	14 174,492	4,189	3,728
40	23	97 154	48 538,408	1 332 507,785	27,453	26,991	90	73	13 038	2 736,040	10 790,737	3,944	3,483
41	24	97 000	47 627,721	1 283 969,378	26,958	26,497	91	74	10 636	2 193,633	8 054,697	3,672	3,211
42	25	96 834	46 728,415	1 236 341,657	26,458	25,997	92	75	8 405	1 703,639	5 861,064	3,440	2,979
43	26	96 656	45 840,456	1 189 613,242	25,951	25,490	93	76	6 433	1 281,403	4 157,425	3,244	2,783
44	27	96 444	44 953,393	1 143 772,786	25,444	24,982	94	77	4 801	939,982	2 876,022	3,060	2,598
45	28	96 214	44 074,840	1 098 819,393	24,931	24,470	95	78	3 483	670,180	1 936,040	2,889	2,428
46	29	95 957	43 201,155	1 054 744,553	24,415	23,954	96	79	2 451	463,446	1 265,860	2,731	2,270
47	30	95 667	42 329,445	1 011 543,398	23,897	23,436	97	80	1 670	310,424	802,414	2,585	2,124
48	31	95 344	41 461,354	969 213,952	23,376	22,915	98	81	1 099	200,804	491,990	2,450	1,989
49	32	94 977	40 591,121	927 752,598	22,856	22,395	99	82	698	125,232	291,186	2,325	1,864
							100	83	426	75,094	165,954	2,210	1,749

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	39 737,597	889 336,741	22,380	21,919
1							51	33	94 170	38 873,845	849 599,144	21,855	21,394
2							52	34	93 684	38 008,072	810 725,299	21,330	20,869
3							53	35	93 153	37 142,824	772 717,227	20,804	20,343
4							54	36	92 580	36 279,100	735 574,403	20,275	19,814
5							55	37	91 943	35 410,132	699 295,303	19,748	19,287
6							56	38	91 261	34 542,834	663 885,170	19,219	18,758
7							57	39	90 528	33 675,976	629 342,337	18,688	18,227
8							58	40	89 744	32 810,095	595 666,360	18,155	17,694
9							59	41	88 887	31 937,878	562 856,265	17,623	17,162
10							60	42	87 960	31 061,501	530 918,387	17,092	16,631
11							61	43	86 945	30 175,019	499 856,886	16,565	16,104
12							62	44	85 877	29 291,689	469 681,867	16,035	15,573
13							63	45	84 726	28 401,828	440 390,179	15,506	15,044
14							64	46	83 500	27 509,482	411 988,351	14,976	14,515
15							65	47	82 172	26 606,432	384 478,868	14,451	13,989
16							66	48	80 751	25 696,592	357 872,436	13,927	13,466
17							67	49	79 258	24 787,618	332 175,844	13,401	12,940
18	0	99 323	72 682,418	2 662 037,780	36,626	36,164	68	50	77 666	23 872,067	307 388,226	12,876	12,415
19	1	98 950	71 164,226	2 589 355,362	36,386	35,924	69	51	75 962	22 946,679	283 516,158	12,355	11,894
20	2	98 868	69 882,256	2 518 191,136	36,035	35,574	70	52	74 135	22 009,550	260 569,480	11,839	11,378
21	3	98 793	68 628,255	2 448 308,880	35,675	35,214	71	53	72 185	21 062,233	238 559,930	11,326	10,865
22	4	98 723	67 400,215	2 379 680,625	35,307	34,846	72	54	70 107	20 103,939	217 497,698	10,819	10,357
23	5	98 656	66 195,793	2 312 280,410	34,931	34,470	73	55	67 850	19 122,261	197 393,758	10,323	9,862
24	6	98 592	65 015,578	2 246 084,617	34,547	34,086	74	56	65 439	18 125,454	178 271,497	9,835	9,374
25	7	98 528	63 855,441	2 181 069,039	34,156	33,695	75	57	62 838	17 105,600	160 146,043	9,362	8,901
26	8	98 461	62 714,757	2 117 213,598	33,759	33,298	76	58	60 093	16 077,049	143 040,443	8,897	8,436
27	9	98 395	61 594,656	2 054 498,841	33,355	32,894	77	59	57 177	15 033,890	126 963,394	8,445	7,984
28	10	98 326	60 493,133	1 992 904,185	32,944	32,483	78	60	54 076	13 973,926	111 929,505	8,010	7,549
29	11	98 257	59 411,082	1 932 411,052	32,526	32,065	79	61	50 788	12 898,602	97 955,579	7,594	7,133
30	12	98 186	58 347,071	1 872 999,970	32,101	31,640	80	62	47 440	11 841,050	85 056,977	7,183	6,722
31	13	98 114	57 301,073	1 814 652,899	31,669	31,208	81	63	43 941	10 779,105	73 215,927	6,792	6,331
32	14	98 031	56 268,272	1 757 351,827	31,232	30,770	82	64	40 380	9 735,262	62 436,822	6,413	5,952
33	15	97 946	55 252,387	1 701 083,555	30,788	30,326	83	65	36 789	8 716,817	52 701,560	6,046	5,585
34	16	97 862	54 255,308	1 645 831,167	30,335	29,874	84	66	33 208	7 733,002	43 984,743	5,688	5,227
35	17	97 767	53 270,522	1 591 575,860	29,877	29,416	85	67	29 632	6 781,667	36 251,741	5,346	4,884
36	18	97 665	52 299,826	1 538 305,338	29,413	28,952	86	68	26 053	5 859,893	29 470,074	5,029	4,568
37	19	97 555	51 342,215	1 486 005,512	28,943	28,482	87	69	22 556	4 986,263	23 610,181	4,735	4,274
38	20	97 437	50 398,502	1 434 663,297	28,466	28,005	88	70	19 144	4 159,096	18 623,918	4,478	4,017
39	21	97 312	49 467,930	1 384 264,795	27,983	27,522	89	71	16 062	3 429,515	14 464,822	4,218	3,757
40	22	97 177	48 549,564	1 334 796,865	27,493	27,032	90	72	13 243	2 779,046	11 035,308	3,971	3,510
41	23	97 022	47 638,557	1 286 247,301	27,000	26,539	91	73	10 824	2 232,331	8 256,261	3,698	3,237
42	24	96 856	46 739,041	1 238 608,745	26,501	26,039	92	74	8 571	1 737,209	6 023,930	3,468	3,006
43	25	96 678	45 850,674	1 191 869,703	25,995	25,533	93	75	6 579	1 310,605	4 286,721	3,271	2,810
44	26	96 470	44 965,406	1 146 019,030	25,487	25,025	94	76	4 926	964,428	2 976,116	3,086	2,625
45	27	96 239	44 086,220	1 101 053,624	24,975	24,514	95	77	3 587	690,164	2 011,688	2,915	2,454
46	28	95 982	43 212,379	1 056 967,404	24,460	23,999	96	78	2 535	479,390	1 321,525	2,757	2,295
47	29	95 693	42 341,189	1 013 755,025	23,943	23,481	97	79	1 735	322,535	842,135	2,611	2,150
48	30	95 371	41 472,735	971 413,836	23,423	22,962	98	80	1 149	209,908	519,600	2,475	2,014
49	31	95 008	40 604,359	929 941,100	22,902	22,441	99	81	734	131,753	309,691	2,351	1,889
							100	82	451	79,622	177,939	2,235	1,774

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	39 750,556	891 329,334	22,423	21,962
1							51	32	94 203	38 887,313	851 578,777	21,899	21,437
2							52	33	93 718	38 021,828	812 691,464	21,374	20,913
3							53	34	93 191	37 157,903	774 669,636	20,848	20,387
4							54	35	92 619	36 294,567	737 511,732	20,320	19,859
5							55	36	91 986	35 426,652	701 217,165	19,793	19,332
6							56	37	91 309	34 561,037	665 790,513	19,264	18,803
7							57	38	90 581	33 695,842	631 229,476	18,733	18,272
8							58	39	89 807	32 833,185	597 533,633	18,199	17,738
9							59	40	88 950	31 960,660	564 700,448	17,669	17,207
10							60	41	88 034	31 087,334	532 739,788	17,137	16,676
11							61	42	87 028	30 203,590	501 652,454	16,609	16,148
12							62	43	85 968	29 322,640	471 448,865	16,078	15,617
13							63	44	84 822	28 433,982	442 126,224	15,549	15,088
14							64	45	83 613	27 546,741	413 692,243	15,018	14,557
15							65	46	82 300	26 647,761	386 145,502	14,491	14,030
16							66	47	80 891	25 741,264	359 497,741	13,966	13,505
17							67	48	79 405	24 833,634	333 756,477	13,440	12,978
18							68	49	77 829	23 922,114	308 922,843	12,914	12,452
19	0	99 268	71 392,655	2 591 841,744	36,304	35,843	69	50	76 140	23 000,418	285 000,729	12,391	11,930
20	1	98 896	69 902,132	2 520 449,089	36,057	35,596	70	51	74 320	22 064,508	262 000,311	11,874	11,413
21	2	98 809	68 639,321	2 450 546,958	35,702	35,241	71	52	72 386	21 120,755	239 935,803	11,360	10,899
22	3	98 737	67 409,881	2 381 907,637	35,335	34,873	72	53	70 320	20 165,225	218 815,048	10,851	10,390
23	4	98 667	66 203,727	2 314 497,756	34,960	34,499	73	54	68 067	19 183,383	198 649,823	10,355	9,894
24	5	98 601	65 021,460	2 248 294,029	34,578	34,117	74	55	65 675	18 190,896	179 466,441	9,866	9,405
25	6	98 536	63 860,561	2 183 272,570	34,188	33,727	75	56	63 077	17 170,727	161 275,544	9,392	8,931
26	7	98 469	62 719,996	2 119 412,008	33,792	33,330	76	57	60 342	16 143,662	144 104,818	8,926	8,465
27	8	98 401	61 598,482	2 056 692,012	33,389	32,927	77	58	57 439	15 102,753	127 961,156	8,473	8,011
28	9	98 333	60 496,974	1 995 093,530	32,978	32,517	78	59	54 335	14 041,019	112 858,403	8,038	7,577
29	10	98 265	59 415,869	1 934 596,556	32,560	32,099	79	60	51 067	12 969,517	98 817,384	7,619	7,158
30	11	98 194	58 351,705	1 875 180,687	32,136	31,675	80	61	47 711	11 908,757	85 847,867	7,209	6,748
31	12	98 121	57 305,465	1 816 828,982	31,704	31,243	81	62	44 219	10 847,169	73 939,110	6,816	6,355
32	13	98 041	56 273,808	1 759 523,517	31,267	30,806	82	63	40 651	9 800,619	63 091,941	6,438	5,976
33	14	97 958	55 259,228	1 703 249,709	30,823	30,362	83	64	37 055	8 779,996	53 291,322	6,070	5,608
34	15	97 875	54 262,664	1 647 990,481	30,371	29,909	84	65	33 467	7 793,342	44 511,326	5,711	5,250
35	16	97 783	53 279,087	1 593 727,817	29,913	29,452	85	66	29 878	6 837,873	36 717,985	5,370	4,909
36	17	97 682	52 309,008	1 540 448,730	29,449	28,988	86	67	26 290	5 913,228	29 880,112	5,053	4,592
37	18	97 576	51 353,432	1 488 139,722	28,978	28,517	87	68	22 780	5 035,587	23 966,884	4,760	4,298
38	19	97 458	50 409,343	1 436 786,290	28,502	28,041	88	69	19 356	4 205,217	18 931,297	4,502	4,041
39	20	97 332	49 478,369	1 386 376,947	28,020	27,559	89	70	16 256	3 470,987	14 726,080	4,243	3,781
40	21	97 198	48 560,060	1 336 898,578	27,531	27,070	90	71	13 422	2 816,629	11 255,093	3,996	3,535
41	22	97 044	47 649,506	1 288 338,518	27,038	26,577	91	72	10 994	2 267,420	8 438,464	3,722	3,260
42	23	96 878	46 749,675	1 240 689,011	26,539	26,078	92	73	8 722	1 767,856	6 171,044	3,491	3,029
43	24	96 700	45 861,100	1 193 939,337	26,034	25,573	93	74	6 709	1 336,430	4 403,188	3,295	2,834
44	25	96 492	44 975,428	1 148 078,236	25,527	25,066	94	75	5 038	986,406	3 066,759	3,109	2,648
45	26	96 265	44 098,001	1 103 102,808	25,015	24,554	95	76	3 680	708,113	2 080,352	2,938	2,477
46	27	96 007	43 223,537	1 059 004,807	24,501	24,039	96	77	2 611	493,684	1 372,240	2,780	2,318
47	28	95 718	42 352,190	1 015 781,271	23,984	23,523	97	78	1 795	333,631	878,556	2,633	2,172
48	29	95 397	41 484,242	973 429,081	23,465	23,004	98	79	1 194	218,098	544,925	2,499	2,037
49	30	95 034	40 615,506	931 944,839	22,946	22,484	99	80	767	137,727	326,827	2,373	1,912
							100	81	475	83,768	189,100	2,257	1,796

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	39 761,469	893 153,730	22,463	22,002
1							51	31	94 233	38 899,995	853 392,261	21,938	21,477
2							52	32	93 750	38 035,002	814 492,266	21,414	20,953
3							53	33	93 225	37 171,352	776 457,264	20,889	20,427
4							54	34	92 657	36 309,302	739 285,912	20,361	19,900
5							55	35	92 026	35 441,756	702 976,610	19,835	19,373
6							56	36	91 352	34 577,161	667 534,854	19,306	18,844
7							57	37	90 629	33 713,599	632 957,693	18,775	18,313
8							58	38	89 860	32 852,554	599 244,094	18,240	17,779
9							59	39	89 013	31 983,152	566 391,539	17,709	17,248
10							60	40	88 096	31 109,509	534 408,387	17,178	16,717
11							61	41	87 100	30 228,709	503 298,879	16,650	16,188
12							62	42	86 049	29 350,404	473 070,170	16,118	15,657
13							63	43	84 911	28 464,027	443 719,765	15,589	15,128
14							64	44	83 707	27 577,927	415 255,738	15,058	14,596
15							65	45	82 411	26 683,852	387 677,812	14,529	14,067
16							66	46	81 017	25 781,249	360 993,959	14,002	13,541
17							67	47	79 543	24 876,805	335 212,711	13,475	13,014
18							68	48	77 973	23 966,523	310 335,905	12,949	12,488
19							69	49	76 299	23 048,638	286 369,382	12,425	11,963
20	0	99 213	70 126,509	2 522 747,370	35,974	35,513	70	50	74 494	22 116,181	263 320,745	11,906	11,445
21	1	98 837	68 658,843	2 452 620,861	35,722	35,261	71	51	72 567	21 173,494	241 204,563	11,392	10,931
22	2	98 753	67 420,750	2 383 962,018	35,359	34,898	72	52	70 516	20 221,255	220 031,070	10,881	10,420
23	3	98 682	66 213,221	2 316 541,268	34,986	34,525	73	53	68 275	19 241,862	199 809,815	10,384	9,923
24	4	98 613	65 029,253	2 250 328,047	34,605	34,144	74	54	65 885	18 249,040	180 567,953	9,895	9,433
25	5	98 545	63 866,339	2 185 298,794	34,217	33,756	75	55	63 305	17 232,722	162 318,912	9,419	8,958
26	6	98 477	62 725,026	2 121 432,455	33,821	33,360	76	56	60 571	16 205,126	145 086,190	8,953	8,492
27	7	98 409	61 603,629	2 058 707,429	33,419	32,957	77	57	57 677	15 165,329	128 881,064	8,498	8,037
28	8	98 339	60 500,732	1 997 103,801	33,010	32,548	78	58	54 584	14 105,334	113 715,735	8,062	7,601
29	9	98 272	59 419,641	1 936 603,069	32,592	32,131	79	59	51 312	13 031,788	99 610,401	7,644	7,182
30	10	98 202	58 356,406	1 877 183,428	32,168	31,706	80	60	47 973	11 974,230	86 578,613	7,230	6,769
31	11	98 129	57 310,017	1 818 827,022	31,737	31,275	81	61	44 471	10 909,192	74 604,383	6,839	6,377
32	12	98 049	56 278,122	1 761 517,005	31,300	30,839	82	62	40 908	9 862,504	63 695,190	6,458	5,997
33	13	97 968	55 264,665	1 705 238,883	30,856	30,395	83	63	37 304	8 838,940	53 832,686	6,090	5,629
34	14	97 887	54 269,382	1 649 974,219	30,403	29,942	84	64	33 709	7 849,828	44 993,746	5,732	5,271
35	15	97 796	53 286,311	1 595 704,837	29,946	29,485	85	65	30 111	6 891,228	37 143,919	5,390	4,929
36	16	97 698	52 317,419	1 542 418,526	29,482	29,021	86	66	26 508	5 962,236	30 252,691	5,074	4,613
37	17	97 593	51 362,449	1 490 101,108	29,011	28,550	87	67	22 987	5 081,420	24 290,455	4,780	4,319
38	18	97 480	50 420,356	1 438 738,659	28,535	28,074	88	68	19 548	4 246,815	19 209,035	4,523	4,062
39	19	97 353	49 489,012	1 388 318,303	28,053	27,592	89	69	16 436	3 509,478	14 962,220	4,263	3,802
40	20	97 218	48 570,308	1 338 829,291	27,565	27,104	90	70	13 585	2 850,689	11 452,742	4,018	3,556
41	21	97 065	47 659,808	1 290 258,983	27,072	26,611	91	71	11 143	2 298,083	8 602,053	3,743	3,282
42	22	96 900	46 760,420	1 242 599,175	26,574	26,113	92	72	8 859	1 795,644	6 303,970	3,511	3,049
43	23	96 722	45 871,534	1 195 838,755	26,069	25,608	93	73	6 827	1 360,006	4 508,326	3,315	2,854
44	24	96 514	44 985,656	1 149 967,221	25,563	25,102	94	74	5 138	1 005,843	3 148,320	3,130	2,669
45	25	96 286	44 107,830	1 104 981,565	25,052	24,591	95	75	3 764	724,250	2 142,477	2,958	2,497
46	26	96 033	43 235,087	1 060 873,735	24,537	24,076	96	76	2 679	506,523	1 418,227	2,800	2,339
47	27	95 743	42 363,125	1 017 638,648	24,022	23,561	97	77	1 849	343,579	911,704	2,654	2,192
48	28	95 422	41 495,019	975 275,523	23,503	23,042	98	78	1 235	225,601	568,125	2,518	2,057
49	29	95 060	40 626,774	933 780,504	22,984	22,523	99	79	797	143,100	342,524	2,394	1,932
							100	80	496	87,566	199,424	2,277	1,816



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	39 772,500	894 825,068	22,499	22,037
1							51	30	94 259	38 910,674	855 052,568	21,975	21,514
2							52	31	93 781	38 047,406	816 141,894	21,451	20,989
3							53	32	93 257	37 184,230	778 094,488	20,925	20,464
4							54	33	92 690	36 322,443	740 910,257	20,398	19,937
5							55	34	92 063	35 456,145	704 587,814	19,872	19,411
6							56	35	91 391	34 591,903	669 131,669	19,344	18,882
7							57	36	90 671	33 729,328	634 539,766	18,813	18,351
8							58	37	89 907	32 869,867	600 810,439	18,278	17,817
9							59	38	89 065	32 002,020	567 940,572	17,747	17,286
10							60	39	88 158	31 131,402	535 938,552	17,215	16,754
11							61	40	87 162	30 250,271	504 807,150	16,688	16,226
12							62	41	86 121	29 374,814	474 556,879	16,155	15,694
13							63	42	84 992	28 490,978	445 182,065	15,625	15,164
14							64	43	83 796	27 607,067	416 691,087	15,094	14,632
15							65	44	82 504	26 714,061	389 084,020	14,565	14,104
16							66	45	81 127	25 816,167	362 369,958	14,037	13,575
17							67	46	79 666	24 915,447	336 553,792	13,508	13,047
18							68	47	78 109	24 008,187	311 638,345	12,981	12,519
19							69	48	76 441	23 091,425	287 630,157	12,456	11,995
20							70	49	74 650	22 162,547	264 538,732	11,936	11,475
21	0	99 154	68 879,230	2 454 746,409	35,638	35,177	71	50	72 736	21 223,081	242 376,185	11,420	10,959
22	1	98 781	67 439,926	2 385 867,180	35,378	34,916	72	51	70 692	20 271,748	221 153,105	10,909	10,448
23	2	98 698	66 223,898	2 318 427,254	35,009	34,548	73	52	68 464	19 295,326	200 881,357	10,411	9,950
24	3	98 627	65 038,579	2 252 203,357	34,629	34,168	74	53	66 086	18 304,672	181 586,031	9,920	9,459
25	4	98 556	63 873,994	2 187 164,778	34,242	33,781	75	54	63 507	17 287,803	163 281,359	9,445	8,984
26	5	98 486	62 730,700	2 123 290,784	33,848	33,387	76	55	60 790	16 263,635	145 993,556	8,977	8,515
27	6	98 417	61 608,568	2 060 560,084	33,446	32,985	77	56	57 897	15 223,069	129 729,921	8,522	8,061
28	7	98 347	60 505,787	1 998 951,515	33,037	32,576	78	57	54 810	14 163,778	114 506,852	8,084	7,623
29	8	98 278	59 423,332	1 938 445,729	32,621	32,160	79	58	51 548	13 091,480	100 343,074	7,665	7,204
30	9	98 208	58 360,111	1 879 022,397	32,197	31,736	80	59	48 204	12 031,722	87 251,594	7,252	6,791
31	10	98 137	57 314,634	1 820 662,286	31,766	31,305	81	60	44 716	10 969,171	75 219,872	6,857	6,396
32	11	98 056	56 282,592	1 763 347,652	31,330	30,869	82	61	41 142	9 918,898	64 250,701	6,478	6,016
33	12	97 975	55 268,901	1 707 065,060	30,887	30,425	83	62	37 540	8 894,752	54 331,803	6,108	5,647
34	13	97 897	54 274,721	1 651 796,159	30,434	29,973	84	63	33 936	7 902,527	45 437,051	5,750	5,288
35	14	97 808	53 292,908	1 597 521,438	29,976	29,515	85	64	30 329	6 941,175	37 534,524	5,408	4,946
36	15	97 711	52 324,512	1 544 228,530	29,513	29,051	86	65	26 714	6 008,758	30 593,349	5,091	4,630
37	16	97 609	51 370,707	1 491 904,018	29,042	28,581	87	66	23 177	5 123,534	24 584,591	4,798	4,337
38	17	97 497	50 429,209	1 440 533,311	28,565	28,104	88	67	19 725	4 285,469	19 461,057	4,541	4,080
39	18	97 375	49 499,825	1 390 104,103	28,083	27,622	89	68	16 599	3 544,194	15 175,588	4,282	3,821
40	19	97 239	48 580,756	1 340 604,278	27,595	27,134	90	69	13 735	2 882,301	11 631,395	4,035	3,574
41	20	97 086	47 669,865	1 292 023,522	27,104	26,642	91	70	11 278	2 325,873	8 749,093	3,762	3,300
42	21	96 921	46 770,529	1 244 353,657	26,606	26,144	92	71	8 979	1 819,927	6 423,220	3,529	3,068
43	22	96 744	45 882,078	1 197 583,128	26,101	25,640	93	72	6 934	1 381,383	4 603,293	3,332	2,871
44	23	96 536	44 995,891	1 151 701,050	25,596	25,134	94	73	5 228	1 023,588	3 221,910	3,148	2,686
45	24	96 308	44 117,860	1 106 705,159	25,085	24,624	95	74	3 838	738,521	2 198,322	2,977	2,515
46	25	96 054	43 244,724	1 062 587,299	24,571	24,110	96	75	2 740	518,066	1 459,802	2,818	2,357
47	26	95 768	42 374,445	1 019 342,575	24,056	23,594	97	76	1 897	352,515	941,735	2,671	2,210
48	27	95 447	41 505,733	976 968,130	23,538	23,077	98	77	1 272	232,328	589,221	2,536	2,075
49	28	95 085	40 637,329	935 462,397	23,020	22,559	99	78	825	148,023	356,893	2,411	1,950
							100	79	516	90,982	208,870	2,296	1,835

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	39 782,833	896 356,277	22,531	22,070
1							51	29	94 285	38 921,469	856 573,444	22,008	21,547
2							52	30	93 807	38 057,851	817 651,975	21,484	21,023
3							53	31	93 288	37 196,357	779 594,124	20,959	20,498
4							54	32	92 722	36 335,028	742 397,767	20,432	19,971
5							55	33	92 096	35 468,977	706 062,739	19,906	19,445
6							56	34	91 428	34 605,946	670 593,762	19,378	18,917
7							57	35	90 710	33 743,708	635 987,815	18,848	18,386
8							58	36	89 949	32 885,202	602 244,108	18,314	17,852
9							59	37	89 112	32 018,884	569 358,906	17,782	17,321
10							60	38	88 210	31 149,767	537 340,022	17,250	16,789
11							61	39	87 224	30 271,560	506 190,255	16,722	16,260
12							62	40	86 182	29 395,767	475 918,695	16,190	15,729
13							63	41	85 062	28 514,673	446 522,928	15,659	15,198
14							64	42	83 875	27 633,207	418 008,255	15,127	14,666
15							65	43	82 592	26 742,289	390 375,048	14,598	14,136
16							66	44	81 218	25 845,393	363 632,759	14,070	13,608
17							67	45	79 774	24 949,192	337 787,366	13,539	13,078
18							68	46	78 230	24 045,480	312 838,173	13,010	12,549
19							69	47	76 574	23 131,568	288 792,693	12,485	12,024
20							70	48	74 788	22 203,689	265 661,125	11,965	11,504
21							71	49	72 889	21 267,574	243 457,436	11,447	10,986
22	0	99 098	67 656,400	2 387 833,989	35,294	34,832	72	50	70 857	20 319,223	222 189,862	10,935	10,474
23	1	98 726	66 242,733	2 320 177,589	35,025	34,564	73	51	68 635	19 343,507	201 870,639	10,436	9,975
24	2	98 643	65 049,066	2 253 934,856	34,650	34,189	74	52	66 270	18 355,532	182 527,133	9,944	9,483
25	3	98 570	63 883,154	2 188 885,790	34,264	33,803	75	53	63 701	17 340,504	164 171,601	9,468	9,006
26	4	98 498	62 738,219	2 125 002,637	33,871	33,410	76	54	60 984	16 315,619	146 831,096	8,999	8,538
27	5	98 426	61 614,142	2 062 264,417	33,471	33,009	77	55	58 106	15 278,032	130 515,477	8,543	8,081
28	6	98 355	60 510,638	2 000 650,275	33,063	32,602	78	56	55 019	14 217,704	115 237,445	8,105	7,644
29	7	98 286	59 428,297	1 940 139,637	32,647	32,186	79	57	51 761	13 145,723	101 019,741	7,685	7,223
30	8	98 215	58 363,736	1 880 711,341	32,224	31,763	80	58	48 425	12 086,834	87 874,018	7,270	6,809
31	9	98 143	57 318,273	1 822 347,604	31,793	31,332	81	59	44 931	11 021,837	75 787,184	6,876	6,415
32	10	98 064	56 287,126	1 765 029,332	31,358	30,896	82	60	41 368	9 973,431	64 765,347	6,494	6,033
33	11	97 983	55 273,291	1 708 742,206	30,914	30,453	83	61	37 754	8 945,612	54 791,916	6,125	5,664
34	12	97 904	54 278,882	1 653 468,915	30,462	30,001	84	62	34 150	7 952,426	45 846,304	5,765	5,304
35	13	97 818	53 298,151	1 599 190,033	30,005	29,543	85	63	30 533	6 987,774	37 893,877	5,423	4,962
36	14	97 723	52 330,990	1 545 891,882	29,541	29,079	86	64	26 908	6 052,309	30 906,103	5,106	4,645
37	15	97 622	51 377,672	1 493 560,892	29,070	28,609	87	65	23 358	5 163,512	24 853,794	4,813	4,352
38	16	97 512	50 437,317	1 442 183,220	28,594	28,132	88	66	19 889	4 320,986	19 690,281	4,557	4,096
39	17	97 392	49 508,515	1 391 745,903	28,111	27,650	89	67	16 750	3 576,452	15 369,295	4,297	3,836
40	18	97 260	48 591,370	1 342 237,387	27,623	27,162	90	68	13 871	2 910,813	11 792,843	4,051	3,590
41	19	97 107	47 680,119	1 293 646,018	27,132	26,671	91	69	11 403	2 351,665	8 882,030	3,777	3,316
42	20	96 941	46 780,399	1 245 965,898	26,634	26,173	92	70	9 087	1 841,935	6 530,365	3,545	3,084
43	21	96 765	45 891,997	1 199 185,499	26,131	25,669	93	71	7 028	1 400,064	4 688,430	3,349	2,888
44	22	96 558	45 006,233	1 153 293,502	25,625	25,164	94	72	5 310	1 039,677	3 288,366	3,163	2,702
45	23	96 330	44 127,897	1 108 287,269	25,115	24,654	95	73	3 906	751,549	2 248,689	2,992	2,531
46	24	96 076	43 254,558	1 064 159,372	24,602	24,141	96	74	2 794	528,275	1 497,140	2,834	2,373
47	25	95 790	42 383,890	1 020 904,814	24,087	23,626	97	75	1 940	360,548	968,865	2,687	2,226
48	26	95 472	41 516,825	978 520,923	23,569	23,108	98	76	1 305	238,370	608,317	2,552	2,091
49	27	95 109	40 647,821	937 004,099	23,052	22,591	99	77	849	152,437	369,947	2,427	1,966
							100	78	533	94,112	217,510	2,311	1,850

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	39 793,105	897 759,650	22,561	22,099
1							51	28	94 310	38 931,581	857 966,545	22,038	21,577
2							52	29	93 833	38 068,409	819 034,964	21,515	21,054
3							53	30	93 313	37 206,568	780 966,555	20,990	20,529
4							54	31	92 753	36 346,878	743 759,986	20,463	20,002
5							55	32	92 128	35 481,266	707 413,109	19,938	19,476
6							56	33	91 461	34 618,471	671 931,842	19,410	18,948
7							57	34	90 747	33 757,407	637 313,371	18,879	18,418
8							58	35	89 987	32 899,222	603 555,964	18,346	17,884
9							59	36	89 154	32 033,822	570 656,742	17,814	17,353
10							60	37	88 257	31 166,182	538 622,921	17,282	16,821
11							61	38	87 275	30 289,418	507 456,738	16,754	16,292
12							62	39	86 243	29 416,455	477 167,321	16,221	15,760
13							63	40	85 123	28 535,013	447 750,866	15,691	15,230
14							64	41	83 945	27 656,189	419 215,853	15,158	14,697
15							65	42	82 670	26 767,610	391 559,665	14,628	14,167
16							66	43	81 304	25 872,703	364 792,055	14,099	13,638
17							67	44	79 865	24 977,437	338 919,352	13,569	13,108
18							68	45	78 336	24 078,047	313 941,914	13,039	12,577
19							69	46	76 693	23 167,499	289 863,867	12,512	12,050
20							70	47	74 918	22 242,289	266 696,369	11,991	11,529
21							71	48	73 024	21 307,055	244 454,080	11,473	11,012
22							72	49	71 006	20 361,821	223 147,025	10,959	10,498
23	0	99 043	66 455,364	2 321 998,348	34,941	34,480	73	50	68 796	19 388,808	202 785,204	10,459	9,998
24	1	98 671	65 067,567	2 255 542,984	34,665	34,203	74	51	66 435	18 401,366	183 396,395	9,966	9,505
25	2	98 586	63 893,454	2 190 475,418	34,283	33,822	75	52	63 878	17 388,686	164 995,030	9,489	9,027
26	3	98 512	62 747,216	2 126 581,963	33,891	33,430	76	53	61 170	16 365,357	147 606,344	9,019	8,558
27	4	98 438	61 621,527	2 063 834,747	33,492	33,031	77	54	58 291	15 326,866	131 240,987	8,563	8,102
28	5	98 364	60 516,112	2 002 213,220	33,086	32,624	78	55	55 218	14 269,037	115 914,122	8,123	7,662
29	6	98 294	59 433,062	1 941 697,107	32,670	32,209	79	56	51 958	13 195,773	101 645,084	7,703	7,242
30	7	98 223	58 368,612	1 882 264,046	32,248	31,787	80	57	48 625	12 136,914	88 449,311	7,288	6,826
31	8	98 149	57 321,833	1 823 895,433	31,819	31,357	81	58	45 136	11 072,323	76 312,397	6,892	6,431
32	9	98 070	56 290,700	1 766 573,600	31,383	30,922	82	59	41 567	10 021,317	65 240,074	6,510	6,049
33	10	97 991	55 277,744	1 710 282,900	30,940	30,479	83	60	37 962	8 994,795	55 218,758	6,139	5,678
34	11	97 912	54 283,193	1 655 005,156	30,488	30,027	84	61	34 345	7 997,898	46 223,963	5,780	5,318
35	12	97 825	53 302,237	1 600 721,963	30,031	29,570	85	62	30 725	7 031,898	38 226,065	5,436	4,975
36	13	97 733	52 336,139	1 547 419,726	29,567	29,106	86	63	27 089	6 092,941	31 194,167	5,120	4,659
37	14	97 634	51 384,033	1 495 083,588	29,096	28,635	87	64	23 528	5 200,937	25 101,226	4,826	4,365
38	15	97 526	50 444,155	1 443 699,555	28,620	28,159	88	65	20 044	4 354,702	19 900,289	4,570	4,109
39	16	97 407	49 516,476	1 393 255,400	28,137	27,676	89	66	16 889	3 606,093	15 545,587	4,311	3,850
40	17	97 277	48 599,901	1 343 738,924	27,649	27,188	90	67	13 997	2 937,307	11 939,494	4,065	3,604
41	18	97 128	47 690,537	1 295 139,023	27,157	26,696	91	68	11 515	2 374,928	9 002,187	3,791	3,329
42	19	96 962	46 790,462	1 247 448,486	26,660	26,199	92	69	9 188	1 862,361	6 627,259	3,559	3,097
43	20	96 785	45 901,682	1 200 658,024	26,157	25,696	93	70	7 113	1 416,995	4 764,898	3,363	2,901
44	21	96 579	45 015,963	1 154 756,343	25,652	25,191	94	71	5 382	1 053,737	3 347,903	3,177	2,716
45	22	96 352	44 138,040	1 109 740,380	25,142	24,681	95	72	3 967	763,362	2 294,167	3,005	2,544
46	23	96 098	43 264,399	1 065 602,340	24,630	24,169	96	73	2 843	537,594	1 530,804	2,848	2,386
47	24	95 811	42 393,529	1 022 337,941	24,115	23,654	97	74	1 978	367,653	993,210	2,701	2,240
48	25	95 493	41 526,079	979 944,412	23,598	23,137	98	75	1 335	243,802	625,558	2,566	2,105
49	26	95 135	40 658,684	938 418,334	23,080	22,619	99	76	871	156,401	381,755	2,441	1,980
							100	77	549	96,919	225,354	2,325	1,864

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 1,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	39 803,739	899 046,778	22,587	22,126
1							51	27	94 334	38 941,633	859 243,039	22,065	21,604
2							52	28	93 857	38 078,300	820 301,406	21,542	21,081
3							53	29	93 339	37 216,891	782 223,106	21,018	20,557
4							54	30	92 778	36 356,856	745 006,215	20,491	20,030
5							55	31	92 158	35 492,838	708 649,360	19,966	19,505
6							56	32	91 493	34 630,465	673 156,522	19,438	18,977
7							57	33	90 780	33 769,625	638 526,057	18,908	18,447
8							58	34	90 024	32 912,578	604 756,432	18,375	17,913
9							59	35	89 192	32 047,479	571 843,854	17,844	17,382
10							60	36	88 298	31 180,722	539 796,375	17,312	16,851
11							61	37	87 321	30 305,380	508 615,653	16,783	16,322
12							62	38	86 294	29 433,808	478 310,273	16,250	15,789
13							63	39	85 183	28 555,094	448 876,465	15,720	15,258
14							64	40	84 005	27 675,916	420 321,371	15,187	14,726
15							65	41	82 739	26 789,872	392 645,455	14,656	14,195
16							66	42	81 381	25 897,200	365 855,583	14,127	13,666
17							67	43	79 949	25 003,830	339 958,383	13,596	13,135
18							68	44	78 425	24 105,306	314 954,553	13,066	12,605
19							69	45	76 797	23 198,877	290 849,247	12,537	12,076
20							70	46	75 035	22 276,839	267 650,370	12,015	11,554
21							71	47	73 151	21 344,096	245 373,532	11,496	11,035
22							72	48	71 138	20 399,621	224 029,436	10,982	10,521
23							73	49	68 940	19 429,456	203 629,815	10,480	10,019
24	0	98 988	65 276,426	2 257 229,258	34,580	34,118	74	50	66 591	18 444,461	184 200,359	9,987	9,526
25	1	98 614	63 911,627	2 191 952,832	34,297	33,835	75	51	64 037	17 432,105	165 755,898	9,509	9,047
26	2	98 528	62 757,334	2 128 041,205	33,909	33,448	76	52	61 340	16 410,828	148 323,793	9,038	8,577
27	3	98 452	61 630,364	2 065 283,872	33,511	33,050	77	53	58 469	15 373,589	131 912,965	8,580	8,119
28	4	98 375	60 523,366	2 003 653,508	33,105	32,644	78	54	55 394	14 314,646	116 539,376	8,141	7,680
29	5	98 303	59 438,439	1 943 130,142	32,691	32,230	79	55	52 146	13 243,417	102 224,730	7,719	7,258
30	6	98 231	58 373,293	1 883 691,703	32,270	31,809	80	56	48 810	12 183,123	88 981,313	7,304	6,842
31	7	98 157	57 326,622	1 825 318,410	31,841	31,379	81	57	45 323	11 118,199	76 798,189	6,907	6,446
32	8	98 077	56 294,196	1 767 991,788	31,406	30,945	82	58	41 757	10 067,220	65 679,990	6,524	6,063
33	9	97 997	55 281,254	1 711 697,592	30,963	30,502	83	59	38 144	9 037,981	55 612,770	6,153	5,692
34	10	97 920	54 287,566	1 656 416,338	30,512	30,051	84	60	34 534	8 041,870	46 574,789	5,792	5,330
35	11	97 833	53 306,471	1 602 128,772	30,055	29,594	85	61	30 901	7 072,106	38 532,919	5,449	4,987
36	12	97 740	52 340,151	1 548 822,301	29,591	29,130	86	62	27 260	6 131,414	31 460,813	5,131	4,670
37	13	97 644	51 389,088	1 496 482,150	29,121	28,659	87	63	23 685	5 235,853	25 329,399	4,838	4,376
38	14	97 538	50 450,401	1 445 093,062	28,644	28,183	88	64	20 189	4 386,265	20 093,545	4,581	4,120
39	15	97 421	49 523,189	1 394 642,662	28,161	27,700	89	65	17 021	3 634,231	15 707,281	4,322	3,861
40	16	97 293	48 607,715	1 345 119,473	27,673	27,212	90	66	14 113	2 961,651	12 073,050	4,076	3,615
41	17	97 145	47 698,910	1 296 511,757	27,181	26,720	91	67	11 620	2 396,544	9 111,399	3,802	3,341
42	18	96 983	46 800,685	1 248 812,848	26,684	26,222	92	68	9 279	1 880,783	6 714,855	3,570	3,109
43	19	96 806	45 911,555	1 202 012,163	26,181	25,720	93	69	7 192	1 432,708	4 834,072	3,374	2,913
44	20	96 599	45 025,463	1 156 100,607	25,677	25,215	94	70	5 447	1 066,479	3 401,364	3,189	2,728
45	21	96 373	44 147,582	1 111 075,145	25,167	24,706	95	71	4 021	773,686	2 334,884	3,018	2,557
46	22	96 120	43 274,343	1 066 927,562	24,655	24,194	96	72	2 888	546,044	1 561,199	2,859	2,398
47	23	95 833	42 403,174	1 023 653,219	24,141	23,680	97	73	2 013	374,138	1 015,154	2,713	2,252
48	24	95 515	41 535,522	981 250,046	23,624	23,163	98	74	1 361	248,606	641,016	2,578	2,117
49	25	95 156	40 667,746	939 714,524	23,107	22,646	99	75	891	159,965	392,410	2,453	1,992
							100	76	564	99,439	232,444	2,338	1,876

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 1,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	39 812,611	900 226,111	22,612	22,150
1							51	26	94 359	38 952,040	860 413,501	22,089	21,628
2							52	27	93 881	38 088,131	821 461,461	21,567	21,106
3							53	28	93 363	37 226,560	783 373,330	21,043	20,582
4							54	29	92 804	36 366,942	746 146,770	20,517	20,056
5							55	30	92 183	35 502,581	709 779,827	19,992	19,531
6							56	31	91 522	34 641,759	674 277,246	19,464	19,003
7							57	32	90 811	33 781,325	639 635,487	18,935	18,473
8							58	33	90 057	32 924,490	605 854,163	18,401	17,940
9							59	34	89 228	32 060,490	572 929,672	17,870	17,409
10							60	35	88 336	31 194,016	540 869,183	17,339	16,878
11							61	36	87 362	30 319,518	509 675,167	16,810	16,349
12							62	37	86 339	29 449,319	479 355,649	16,277	15,816
13							63	38	85 233	28 571,939	449 906,330	15,746	15,285
14							64	39	84 064	27 695,393	421 334,390	15,213	14,752
15							65	40	82 798	26 808,981	393 638,998	14,683	14,222
16							66	41	81 449	25 918,738	366 830,017	14,153	13,692
17							67	42	80 025	25 027,505	340 911,278	13,621	13,160
18							68	43	78 508	24 130,777	315 883,773	13,090	12,629
19							69	44	76 884	23 225,140	291 752,996	12,562	12,101
20							70	45	75 136	22 307,010	268 527,856	12,038	11,577
21							71	46	73 265	21 377,250	246 220,846	11,518	11,057
22							72	47	71 261	20 435,084	224 843,596	11,003	10,542
23							73	48	69 068	19 465,525	204 408,511	10,501	10,040
24							74	49	66 730	18 483,129	184 942,987	10,006	9,545
25	0	98 931	64 116,776	2 193 515,161	34,211	33,750	75	50	64 187	17 472,930	166 459,858	9,527	9,066
26	1	98 556	62 775,183	2 129 398,385	33,921	33,460	76	51	61 494	16 451,806	148 986,928	9,056	8,595
27	2	98 468	61 640,301	2 066 623,203	33,527	33,066	77	52	58 631	15 416,305	132 535,122	8,597	8,136
28	3	98 390	60 532,046	2 004 982,901	33,123	32,661	78	53	55 563	14 358,283	117 118,817	8,157	7,696
29	4	98 314	59 445,563	1 944 450,856	32,710	32,249	79	54	52 312	13 285,747	102 760,533	7,735	7,273
30	5	98 239	58 378,574	1 885 005,293	32,289	31,828	80	55	48 987	12 227,111	89 474,786	7,318	6,857
31	6	98 165	57 331,219	1 826 626,719	31,861	31,400	81	56	45 496	11 160,530	77 247,675	6,922	6,460
32	7	98 085	56 298,900	1 769 295,500	31,427	30,966	82	57	41 930	10 108,932	66 087,145	6,538	6,076
33	8	98 003	55 284,687	1 712 996,600	30,985	30,524	83	58	38 319	9 079,380	55 978,213	6,165	5,704
34	9	97 926	54 291,013	1 657 711,913	30,534	30,073	84	59	34 700	8 080,481	46 898,833	5,804	5,343
35	10	97 841	53 310,765	1 603 420,900	30,077	29,616	85	60	31 071	7 110,988	38 818,351	5,459	4,998
36	11	97 748	52 344,308	1 550 110,135	29,614	29,153	86	61	27 416	6 166,474	31 707,363	5,142	4,681
37	12	97 651	51 393,028	1 497 765,827	29,143	28,682	87	62	23 835	5 268,914	25 540,890	4,847	4,386
38	13	97 547	50 455,364	1 446 372,799	28,666	28,205	88	63	20 325	4 415,712	20 271,975	4,591	4,130
39	14	97 433	49 529,321	1 395 917,435	28,184	27,722	89	64	17 144	3 660,572	15 856,264	4,332	3,870
40	15	97 306	48 614,305	1 346 388,115	27,695	27,234	90	65	14 224	2 984,760	12 195,692	4,086	3,625
41	16	97 160	47 706,579	1 297 773,809	27,203	26,742	91	66	11 717	2 416,406	9 210,932	3,812	3,351
42	17	97 001	46 808,902	1 250 067,230	26,706	26,245	92	67	9 364	1 897,901	6 794,526	3,580	3,119
43	18	96 827	45 921,586	1 203 258,328	26,202	25,741	93	68	7 263	1 446,881	4 896,624	3,384	2,923
44	19	96 620	45 035,148	1 157 336,742	25,699	25,237	94	69	5 508	1 078,306	3 449,744	3,199	2,738
45	20	96 393	44 156,899	1 112 301,594	25,190	24,729	95	70	4 070	783,042	2 371,438	3,028	2,567
46	21	96 141	43 283,699	1 068 144,695	24,678	24,217	96	71	2 927	553,429	1 588,396	2,870	2,409
47	22	95 855	42 412,920	1 024 860,997	24,164	23,703	97	72	2 045	380,019	1 034,967	2,723	2,262
48	23	95 537	41 544,971	982 448,077	23,648	23,187	98	73	1 385	252,992	654,948	2,589	2,128
49	24	95 178	40 676,994	940 903,105	23,131	22,670	99	74	909	163,117	401,956	2,464	2,003
							100	75	576	101,705	238,839	2,348	1,887

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 832 128,935	38,321	37,860	50	50	93 003	34 553,249	685 128,128	19,828	19,367
1	1	99 275	97 328,576	3 732 128,935	38,346	37,884	51	51	92 389	33 652,209	650 574,879	19,332	18,871
2	2	99 212	95 359,087	3 634 800,359	38,117	37,655	52	52	91 717	32 752,182	616 922,670	18,836	18,374
3	3	99 177	93 456,237	3 539 441,272	37,873	37,411	53	53	90 982	31 852,595	584 170,488	18,340	17,878
4	4	99 147	91 596,792	3 445 985,035	37,621	37,160	54	54	90 185	30 954,504	552 317,894	17,843	17,381
5	5	99 121	89 777,076	3 354 388,242	37,364	36,902	55	55	89 321	30 057,010	521 363,390	17,346	16,884
6	6	99 101	87 998,596	3 264 611,166	37,098	36,637	56	56	88 386	29 159,094	491 306,380	16,849	16,388
7	7	99 082	86 257,122	3 176 612,570	36,827	36,366	57	57	87 395	28 266,775	462 147,286	16,349	15,888
8	8	99 064	84 550,563	3 090 355,448	36,550	36,089	58	58	86 341	27 378,371	433 880,511	15,848	15,386
9	9	99 049	82 879,591	3 005 804,885	36,267	35,806	59	59	85 187	26 482,888	406 502,140	15,350	14,888
10	10	99 034	81 242,368	2 922 925,294	35,978	35,516	60	60	83 967	25 591,563	380 019,253	14,849	14,388
11	11	99 017	79 635,843	2 841 682,926	35,683	35,222	61	61	82 622	24 688,005	354 427,689	14,356	13,895
12	12	99 000	78 060,564	2 762 047,083	35,383	34,922	62	62	81 229	23 795,759	329 739,684	13,857	13,395
13	13	98 982	76 516,097	2 683 986,519	35,077	34,616	63	63	79 727	22 897,780	305 943,925	13,361	12,900
14	14	98 963	75 001,834	2 607 470,422	34,765	34,304	64	64	78 155	22 006,233	283 046,145	12,862	12,400
15	15	98 935	73 509,982	2 532 468,588	34,451	33,989	65	65	76 477	21 111,635	261 039,912	12,365	11,903
16	16	98 902	72 044,448	2 458 958,605	34,131	33,670	66	66	74 702	20 217,328	239 928,277	11,867	11,406
17	17	98 856	70 599,516	2 386 914,158	33,809	33,348	67	67	72 853	19 330,282	219 710,950	11,366	10,905
18	18	98 805	69 179,433	2 316 314,642	33,483	33,021	68	68	70 895	18 441,755	200 380,668	10,866	10,404
19	19	98 729	67 770,475	2 247 135,210	33,158	32,696	69	69	68 821	17 551,218	181 938,912	10,366	9,905
20	20	98 654	66 391,130	2 179 364,735	32,826	32,365	70	70	66 595	16 650,466	164 387,695	9,873	9,411
21	21	98 574	65 036,734	2 112 973,605	32,489	32,027	71	71	64 247	15 748,480	147 737,229	9,381	8,919
22	22	98 497	63 711,773	2 047 936,871	32,144	31,682	72	72	61 752	14 840,131	131 988,749	8,894	8,432
23	23	98 419	62 413,032	1 984 225,098	31,792	31,330	73	73	59 028	13 907,296	117 148,618	8,424	7,962
24	24	98 342	61 141,637	1 921 812,066	31,432	30,971	74	74	56 145	12 968,720	103 241,322	7,961	7,499
25	25	98 263	59 894,627	1 860 670,428	31,066	30,604	75	75	53 072	12 018,677	90 272,602	7,511	7,049
26	26	98 183	58 672,344	1 800 775,801	30,692	30,230	76	76	49 829	11 062,891	78 253,925	7,074	6,612
27	27	98 097	57 471,418	1 742 103,458	30,313	29,851	77	77	46 421	10 104,210	67 191,035	6,650	6,188
28	28	98 010	56 294,330	1 684 632,040	29,925	29,464	78	78	42 837	9 141,207	57 086,824	6,245	5,783
29	29	97 924	55 141,993	1 628 337,710	29,530	29,068	79	79	39 108	8 181,892	47 945,617	5,860	5,398
30	30	97 833	54 011,012	1 573 195,718	29,127	28,666	80	80	35 359	7 252,532	39 763,725	5,483	5,021
31	31	97 742	52 902,274	1 519 184,705	28,717	28,255	81	81	31 529	6 340,049	32 511,193	5,128	4,666
32	32	97 637	51 809,634	1 466 282,431	28,301	27,840	82	82	27 725	5 465,775	26 171,144	4,788	4,327
33	33	97 531	50 738,260	1 414 472,797	27,878	27,416	83	83	23 995	4 637,727	20 705,369	4,465	4,003
34	34	97 425	49 689,282	1 363 734,537	27,445	26,984	84	84	20 410	3 867,549	16 067,642	4,154	3,693
35	35	97 306	48 655,869	1 314 045,255	27,007	26,545	85	85	17 005	3 159,080	12 200,092	3,862	3,400
36	36	97 181	47 640,235	1 265 389,386	26,561	26,100	86	86	13 800	2 513,413	9 041,012	3,597	3,135
37	37	97 047	46 641,747	1 217 749,151	26,109	25,647	87	87	10 900	1 946,325	6 527,599	3,354	2,892
38	38	96 900	45 657,979	1 171 107,404	25,650	25,188	88	88	8 281	1 449,680	4 581,274	3,160	2,699
39	39	96 738	44 688,169	1 125 449,425	25,185	24,723	89	89	6 150	1 055,453	3 131,594	2,967	2,505
40	40	96 557	43 729,726	1 080 761,256	24,715	24,253	90	90	4 421	743,850	2 076,141	2,791	2,329
41	41	96 357	42 783,312	1 037 031,530	24,239	23,778	91	91	3 126	515,698	1 332,291	2,583	2,122
42	42	96 134	41 847,316	994 248,218	23,759	23,297	92	92	2 083	336,858	816,593	2,424	1,963
43	43	95 888	40 921,874	952 400,902	23,274	22,812	93	93	1 322	209,655	479,734	2,288	1,827
44	44	95 602	40 000,064	911 479,029	22,787	22,325	94	94	803	124,842	270,079	2,163	1,702
45	45	95 291	39 088,043	871 478,965	22,295	21,834	95	95	465	70,829	145,237	2,051	1,589
46	46	94 933	38 177,527	832 390,923	21,803	21,342	96	96	256	38,186	74,408	1,949	1,487
47	47	94 524	37 267,963	794 213,395	21,311	20,849	97	97	133	19,512	36,222	1,856	1,395
48	48	94 068	36 360,987	756 945,432	20,818	20,356	98	98	66	9,424	16,710	1,773	1,311
49	49	93 563	35 456,317	720 584,445	20,323	19,862	99	99	30	4,291	7,286	1,698	1,236
							100	100	13	1,837	2,994	1,630	1,168

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	3 822 535,119	38,348	37,886	50	51	92 786	34 472,517	676 925,903	19,637	19,175
1	2	99 247	97 300,902	3 722 855,080	38,261	37,800	51	52	92 159	33 568,388	642 453,386	19,139	18,677
2	3	99 196	95 343,714	3 625 554,179	38,026	37,565	52	53	91 463	32 661,431	608 884,998	18,642	18,181
3	4	99 162	93 442,837	3 530 210,465	37,779	37,318	53	54	90 705	31 755,789	576 223,567	18,145	17,684
4	5	99 135	91 585,815	3 436 767,628	37,525	37,063	54	55	89 897	30 855,878	544 467,778	17,646	17,184
5	6	99 112	89 768,955	3 345 181,813	37,264	36,803	55	56	89 000	29 948,878	513 611,900	17,150	16,688
6	7	99 093	87 991,541	3 255 412,858	36,997	36,535	56	57	88 051	29 048,497	483 663,021	16,650	16,189
7	8	99 074	86 249,916	3 167 421,317	36,724	36,262	57	58	87 034	28 150,138	454 614,524	16,150	15,688
8	9	99 058	84 545,311	3 081 171,402	36,444	35,982	58	59	85 947	27 253,535	426 464,386	15,648	15,186
9	10	99 042	82 874,330	2 996 626,090	36,159	35,697	59	60	84 780	26 356,343	399 210,851	15,147	14,685
10	11	99 026	81 235,823	2 913 751,760	35,868	35,406	60	61	83 508	25 451,632	372 854,508	14,650	14,188
11	12	99 009	79 629,518	2 832 515,937	35,571	35,110	61	62	82 152	24 547,642	347 402,876	14,152	13,691
12	13	98 992	78 054,580	2 752 886,419	35,269	34,807	62	63	80 719	23 646,446	322 855,234	13,653	13,192
13	14	98 972	76 508,570	2 674 831,839	34,961	34,500	63	64	79 195	22 745,083	299 208,788	13,155	12,693
14	15	98 951	74 992,550	2 598 323,269	34,648	34,186	64	65	77 593	21 847,880	276 463,705	12,654	12,192
15	16	98 921	73 500,017	2 523 330,720	34,331	33,869	65	66	75 885	20 948,179	254 615,825	12,155	11,693
16	17	98 886	72 032,866	2 449 830,702	34,010	33,548	66	67	74 088	20 051,146	233 667,645	11,654	11,192
17	18	98 839	70 587,123	2 377 797,837	33,686	33,224	67	68	72 196	19 155,930	213 616,499	11,151	10,690
18	19	98 784	69 164,321	2 307 210,714	33,358	32,897	68	69	70 200	18 261,116	194 460,569	10,649	10,187
19	20	98 708	67 755,900	2 238 046,393	33,031	32,569	69	70	68 066	17 358,722	176 199,454	10,150	9,689
20	21	98 633	66 377,122	2 170 290,492	32,696	32,235	70	71	65 799	16 451,523	158 840,732	9,655	9,193
21	22	98 553	65 022,676	2 103 913,371	32,357	31,895	71	72	63 389	15 538,348	142 389,209	9,164	8,702
22	23	98 474	63 697,133	2 038 890,694	32,009	31,548	72	73	60 796	14 610,478	126 850,861	8,682	8,221
23	24	98 397	62 398,836	1 975 193,562	31,654	31,193	73	74	58 004	13 666,208	112 240,383	8,213	7,751
24	25	98 320	61 127,736	1 912 794,725	31,292	30,830	74	75	55 060	12 718,111	98 574,176	7,751	7,289
25	26	98 242	59 881,280	1 851 666,989	30,922	30,461	75	76	51 890	11 750,886	85 856,064	7,306	6,845
26	27	98 157	58 656,669	1 791 785,709	30,547	30,085	76	77	48 566	10 782,472	74 105,178	6,873	6,411
27	28	98 072	57 456,583	1 733 129,040	30,164	29,703	77	78	45 077	9 811,650	63 322,706	6,454	5,992
28	29	97 984	56 279,708	1 675 672,458	29,774	29,312	78	79	41 412	8 837,188	53 511,056	6,055	5,594
29	30	97 896	55 126,698	1 619 392,749	29,376	28,914	79	80	37 640	7 874,656	44 673,867	5,673	5,212
30	31	97 807	53 996,189	1 564 266,051	28,970	28,508	80	81	33 826	6 937,967	36 799,211	5,304	4,842
31	32	97 710	52 885,027	1 510 269,861	28,558	28,096	81	82	29 968	6 026,244	29 861,244	4,955	4,494
32	33	97 604	51 791,690	1 457 384,835	28,139	27,678	82	83	26 148	5 154,948	23 835,001	4,624	4,162
33	34	97 495	50 719,903	1 405 593,144	27,713	27,251	83	84	22 436	4 336,465	18 680,053	4,308	3,846
34	35	97 385	49 669,117	1 354 873,241	27,278	26,816	84	85	18 900	3 581,406	14 343,588	4,005	3,543
35	36	97 265	48 635,134	1 305 204,124	26,837	26,375	85	86	15 555	2 889,625	10 762,182	3,724	3,263
36	37	97 135	47 618,019	1 256 568,990	26,389	25,927	86	87	12 466	2 270,495	7 872,557	3,467	3,006
37	38	96 996	46 617,181	1 208 950,971	25,934	25,472	87	88	9 650	1 723,156	5 602,062	3,251	2,789
38	39	96 843	45 631,061	1 162 333,790	25,472	25,011	88	89	7 242	1 267,800	3 878,906	3,060	2,598
39	40	96 670	44 656,741	1 116 702,729	25,006	24,545	89	90	5 290	907,934	2 611,106	2,876	2,414
40	41	96 488	43 698,556	1 072 045,988	24,533	24,071	90	91	3 766	633,614	1 703,171	2,688	2,226
41	42	96 277	42 747,760	1 028 347,432	24,056	23,595	91	92	2 585	426,408	1 069,557	2,508	2,047
42	43	96 043	41 807,730	985 599,672	23,575	23,113	92	93	1 689	273,198	643,150	2,354	1,893
43	44	95 786	40 878,679	943 791,942	23,088	22,626	93	94	1 049	166,281	369,952	2,225	1,763
44	45	95 494	39 954,831	902 913,263	22,598	22,137	94	95	622	96,704	203,671	2,106	1,645
45	46	95 162	39 035,173	862 958,433	22,107	21,646	95	96	351	53,515	106,967	1,999	1,537
46	47	94 785	38 118,317	823 923,259	21,615	21,153	96	97	188	28,105	53,452	1,902	1,440
47	48	94 360	37 203,288	785 804,942	21,122	20,660	97	98	95	13,971	25,347	1,814	1,353
48	49	93 894	36 293,612	748 601,654	20,626	20,165	98	99	46	6,557	11,375	1,735	1,273
49	50	93 367	35 382,140	712 308,042	20,132	19,670	99	100	21	2,897	4,819	1,663	1,202

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	3 812 570,187	38,259	37,797	50	52	92 555	34 386,653	668 138,358	19,430	18,969
1	3	99 231	97 285,215	3 712 918,490	38,165	37,704	51	53	91 904	33 475,376	633 751,705	18,932	18,470
2	4	99 181	95 330,043	3 615 633,275	37,928	37,466	52	54	91 185	32 562,167	600 276,329	18,435	17,973
3	5	99 150	93 431,638	3 520 303,232	37,678	37,216	53	55	90 416	31 654,610	567 714,162	17,935	17,473
4	6	99 126	91 577,530	3 426 871,594	37,420	36,959	54	56	89 574	30 744,873	536 059,552	17,436	16,974
5	7	99 104	89 761,758	3 335 294,064	37,157	36,696	55	57	88 662	29 835,286	505 314,679	16,937	16,475
6	8	99 084	87 984,190	3 245 532,306	36,888	36,426	56	58	87 687	28 928,635	475 479,393	16,436	15,975
7	9	99 068	86 244,559	3 157 548,117	36,612	36,150	57	59	86 637	28 021,784	446 550,759	15,936	15,474
8	10	99 052	84 539,944	3 071 303,558	36,330	35,868	58	60	85 537	27 123,308	418 528,975	15,431	14,969
9	11	99 035	82 867,653	2 986 763,614	36,043	35,581	59	61	84 317	26 212,230	391 405,667	14,932	14,471
10	12	99 018	81 229,371	2 903 895,961	35,749	35,288	60	62	83 033	25 306,927	365 193,437	14,431	13,969
11	13	99 002	79 623,414	2 822 666,589	35,450	34,989	61	63	81 637	24 393,611	339 886,510	13,933	13,472
12	14	98 982	78 046,902	2 743 043,175	35,146	34,684	62	64	80 181	23 488,756	315 492,899	13,432	12,970
13	15	98 960	76 499,098	2 664 996,273	34,837	34,375	63	65	78 625	22 581,414	292 004,142	12,931	12,470
14	16	98 938	74 982,384	2 588 497,175	34,521	34,060	64	66	76 992	21 678,725	269 422,729	12,428	11,966
15	17	98 905	73 488,201	2 513 514,792	34,203	33,741	65	67	75 262	20 775,990	247 744,004	11,925	11,463
16	18	98 868	72 020,221	2 440 026,590	33,880	33,418	66	68	73 420	19 870,292	226 968,014	11,422	10,961
17	19	98 817	70 571,704	2 368 006,369	33,555	33,093	67	69	71 489	18 968,295	207 097,721	10,918	10,456
18	20	98 762	69 149,447	2 297 434,665	33,224	32,763	68	70	69 430	18 060,834	188 129,427	10,416	9,955
19	21	98 687	67 741,605	2 228 285,218	32,894	32,432	69	71	67 253	17 151,316	170 068,593	9,916	9,454
20	22	98 612	66 362,775	2 160 543,613	32,557	32,095	70	72	64 921	16 232,010	152 917,277	9,421	8,959
21	23	98 530	65 007,734	2 094 180,839	32,214	31,753	71	73	62 408	15 297,890	136 685,266	8,935	8,473
22	24	98 452	63 682,644	2 029 173,104	31,864	31,402	72	74	59 742	14 357,200	121 387,377	8,455	7,993
23	25	98 374	62 384,650	1 965 490,460	31,506	31,044	73	75	56 883	13 402,121	107 030,177	7,986	7,524
24	26	98 298	61 114,114	1 903 105,810	31,140	30,679	74	76	53 833	12 434,737	93 628,056	7,530	7,068
25	27	98 215	59 865,282	1 841 991,696	30,769	30,307	75	77	50 575	11 453,029	81 193,320	7,089	6,628
26	28	98 132	58 641,528	1 782 126,414	30,390	29,929	76	78	47 160	10 470,273	69 740,291	6,661	6,199
27	29	98 046	57 441,659	1 723 484,886	30,004	29,542	77	79	43 578	9 485,333	59 270,017	6,249	5,787
28	30	97 957	56 264,099	1 666 043,227	29,611	29,150	78	80	39 857	8 505,346	49 784,684	5,853	5,392
29	31	97 870	55 111,569	1 609 779,128	29,209	28,748	79	81	36 007	7 533,108	41 279,338	5,480	5,018
30	32	97 775	53 978,585	1 554 667,559	28,802	28,340	80	82	32 151	6 594,567	33 746,230	5,117	4,656
31	33	97 676	52 866,711	1 500 688,974	28,386	27,925	81	83	28 264	5 683,544	27 151,664	4,777	4,316
32	34	97 568	51 772,952	1 447 822,263	27,965	27,503	82	84	24 449	4 820,087	21 468,120	4,454	3,992
33	35	97 456	50 699,320	1 396 049,311	27,536	27,074	83	85	20 776	4 015,628	16 648,032	4,146	3,684
34	36	97 344	49 647,950	1 345 349,991	27,098	26,636	84	86	17 288	3 275,928	12 632,404	3,856	3,395
35	37	97 220	48 612,455	1 295 702,040	26,654	26,192	85	87	14 051	2 610,347	9 356,476	3,584	3,123
36	38	97 084	47 592,939	1 247 089,586	26,203	25,742	86	88	11 037	2 010,157	6 746,129	3,356	2,894
37	39	96 938	46 589,697	1 199 496,647	25,746	25,284	87	89	8 440	1 506,966	4 735,972	3,143	2,681
38	40	96 775	45 598,970	1 152 906,950	25,284	24,822	88	90	6 230	1 090,601	3 229,007	2,961	2,499
39	41	96 602	44 624,910	1 107 307,980	24,814	24,352	89	91	4 506	773,381	2 138,406	2,765	2,303
40	42	96 408	43 662,243	1 062 683,069	24,339	23,877	90	92	3 114	523,908	1 365,024	2,605	2,144
41	43	96 185	42 707,323	1 019 020,826	23,861	23,399	91	93	2 096	345,824	841,117	2,432	1,971
42	44	95 941	41 763,600	976 313,503	23,377	22,916	92	94	1 340	216,678	495,293	2,286	1,824
43	45	95 678	40 832,452	934 549,903	22,887	22,426	93	95	812	128,803	278,615	2,163	1,702
44	46	95 365	39 900,789	893 717,451	22,398	21,937	94	96	470	73,065	149,812	2,050	1,589
45	47	95 014	38 974,633	853 816,662	21,907	21,445	95	97	258	39,387	76,748	1,949	1,487
46	48	94 621	38 052,166	814 842,029	21,414	20,952	96	98	135	20,125	37,360	1,856	1,395
47	49	94 185	37 134,351	776 789,863	20,918	20,457	97	99	66	9,720	17,236	1,773	1,312
48	50	93 698	36 217,683	739 655,511	20,422	19,961	98	100	31	4,426	7,515	1,698	1,236
49	51	93 149	35 299,471	703 437,828	19,928	19,466							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	3 801 916,368	38,158	37,697	50	53	92 298	34 291,373	658 746,261	19,210	18,749
1	4	99 217	97 271,266	3 702 280,737	38,061	37,600	51	54	91 625	33 373,638	624 454,888	18,711	18,249
2	5	99 169	95 318,618	3 605 009,471	37,821	37,359	52	55	90 894	32 458,419	591 081,250	18,210	17,749
3	6	99 141	93 423,186	3 509 690,853	37,568	37,106	53	56	90 091	31 540,731	558 622,831	17,711	17,250
4	7	99 119	91 570,187	3 416 267,666	37,308	36,846	54	57	89 234	30 628,261	527 082,100	17,209	16,747
5	8	99 096	89 754,259	3 324 697,479	37,042	36,581	55	58	88 297	29 712,177	496 453,839	16,709	16,247
6	9	99 078	87 978,725	3 234 943,220	36,770	36,308	56	59	87 288	28 796,730	466 741,662	16,208	15,747
7	10	99 062	86 239,083	3 146 964,496	36,491	36,030	57	60	86 223	27 887,886	437 944,931	15,704	15,242
8	11	99 044	84 533,134	3 060 725,412	36,207	35,746	58	61	85 069	26 975,001	410 057,046	15,201	14,740
9	12	99 027	82 861,072	2 976 192,279	35,918	35,456	59	62	83 837	26 063,201	383 082,044	14,698	14,237
10	13	99 011	81 223,145	2 893 331,207	35,622	35,160	60	63	82 512	25 148,132	357 018,843	14,197	13,735
11	14	98 992	79 615,581	2 812 108,062	35,321	34,859	61	64	81 093	24 230,939	331 870,712	13,696	13,235
12	15	98 970	78 037,240	2 732 492,481	35,015	34,554	62	65	79 604	23 319,735	307 639,772	13,192	12,731
13	16	98 946	76 488,728	2 654 455,240	34,704	34,242	63	66	78 016	22 406,579	284 320,037	12,689	12,228
14	17	98 922	74 970,329	2 577 966,512	34,386	33,925	64	67	76 359	21 500,531	261 913,458	12,182	11,720
15	18	98 888	73 475,301	2 502 996,183	34,066	33,604	65	68	74 583	20 588,598	240 412,927	11,677	11,215
16	19	98 847	72 004,489	2 429 520,882	33,741	33,280	66	69	72 701	19 675,660	219 824,329	11,172	10,711
17	20	98 796	70 556,527	2 357 516,393	33,413	32,952	67	70	70 705	18 760,257	200 148,669	10,669	10,207
18	21	98 742	69 134,857	2 286 959,865	33,080	32,618	68	71	68 601	17 845,039	181 388,412	10,165	9,703
19	22	98 665	67 726,963	2 217 825,008	32,747	32,285	69	72	66 355	16 922,466	163 543,373	9,664	9,203
20	23	98 589	66 347,525	2 150 098,046	32,407	31,945	70	73	63 916	15 980,817	146 620,907	9,175	8,713
21	24	98 508	64 992,948	2 083 750,521	32,061	31,600	71	74	61 327	15 032,694	130 640,089	8,690	8,229
22	25	98 430	63 668,166	2 018 757,573	31,707	31,246	72	75	58 588	14 079,760	115 607,395	8,211	7,749
23	26	98 352	62 370,748	1 955 089,407	31,346	30,885	73	76	55 616	13 103,506	101 527,635	7,748	7,287
24	27	98 272	61 097,787	1 892 718,659	30,979	30,517	74	77	52 469	12 119,545	88 424,129	7,296	6,834
25	28	98 190	59 849,829	1 831 620,872	30,604	30,142	75	78	49 110	11 121,415	76 304,584	6,861	6,399
26	29	98 106	58 626,297	1 771 771,043	30,221	29,760	76	79	45 591	10 122,052	65 183,169	6,440	5,978
27	30	98 019	57 425,727	1 713 144,746	29,832	29,371	77	80	41 941	9 129,153	55 061,117	6,031	5,570
28	31	97 930	56 248,657	1 655 719,019	29,436	28,974	78	81	38 128	8 136,442	45 931,964	5,645	5,184
29	32	97 838	55 093,602	1 599 470,362	29,032	28,570	79	82	34 225	7 160,250	37 795,522	5,279	4,817
30	33	97 741	53 959,890	1 544 376,760	28,621	28,159	80	83	30 323	6 219,548	30 635,272	4,926	4,464
31	34	97 641	52 847,584	1 490 416,870	28,202	27,741	81	84	26 428	5 314,346	24 415,724	4,594	4,133
32	35	97 529	51 751,942	1 437 569,286	27,778	27,316	82	85	22 641	4 463,469	19 101,377	4,279	3,818
33	36	97 414	50 677,714	1 385 817,344	27,346	26,884	83	86	19 004	3 673,113	14 637,908	3,985	3,524
34	37	97 298	49 624,799	1 335 139,630	26,905	26,443	84	87	15 617	2 959,314	10 964,795	3,705	3,244
35	38	97 168	48 586,850	1 285 514,831	26,458	25,996	85	88	12 440	2 311,041	8 005,480	3,464	3,002
36	39	97 027	47 564,880	1 236 927,981	26,005	25,543	86	89	9 652	1 757,958	5 694,440	3,239	2,778
37	40	96 870	46 556,932	1 189 363,101	25,546	25,085	87	90	7 260	1 296,339	3 936,481	3,037	2,575
38	41	96 706	45 566,467	1 142 806,169	25,080	24,618	88	91	5 307	928,978	2 640,143	2,842	2,380
39	42	96 521	44 587,828	1 097 239,702	24,609	24,147	89	92	3 726	639,475	1 711,165	2,676	2,214
40	43	96 317	43 620,941	1 052 651,874	24,132	23,670	90	93	2 525	424,898	1 071,690	2,522	2,061
41	44	96 084	42 662,243	1 009 030,932	23,652	23,190	91	94	1 663	274,279	646,792	2,358	1,897
42	45	95 833	41 716,373	966 368,690	23,165	22,704	92	95	1 038	167,840	372,513	2,219	1,758
43	46	95 549	40 777,223	924 652,316	22,676	22,214	93	96	614	97,317	204,673	2,103	1,642
44	47	95 217	39 838,906	883 875,093	22,186	21,725	94	97	346	53,776	107,356	1,996	1,535
45	48	94 850	38 906,996	844 036,187	21,694	21,232	95	98	185	28,203	53,579	1,900	1,438
46	49	94 446	37 981,657	805 129,191	21,198	20,736	96	99	94	14,001	25,376	1,812	1,351
47	50	93 988	37 056,664	767 147,534	20,702	20,240	97	100	45	6,562	11,375	1,733	1,272
48	51	93 479	36 133,062	730 090,870	20,206	19,744							
49	52	92 917	35 211,547	693 957,808	19,708	19,247							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	3 790 537,396	38,049	37,588	50	54	92 018	34 187,155	648 737,361	18,976	18,514
1	5	99 205	97 259,608	3 690 916,052	37,949	37,488	51	55	91 333	33 267,305	614 550,206	18,473	18,011
2	6	99 161	95 309,996	3 593 656,444	37,705	37,243	52	56	90 567	32 341,649	581 282,902	17,973	17,512
3	7	99 133	93 415,696	3 498 346,448	37,449	36,988	53	57	89 749	31 421,101	548 941,253	17,470	17,009
4	8	99 110	91 562,537	3 404 930,752	37,187	36,725	54	58	88 866	30 501,881	517 520,152	16,967	16,505
5	9	99 090	89 748,684	3 313 368,215	36,918	36,457	55	59	87 894	29 576,700	487 018,272	16,466	16,005
6	10	99 072	87 973,140	3 223 619,531	36,643	36,182	56	60	86 871	28 659,129	457 441,572	15,961	15,500
7	11	99 054	86 232,136	3 135 646,392	36,363	35,901	57	61	85 752	27 735,398	428 782,442	15,460	14,998
8	12	99 036	84 526,420	3 049 414,256	36,076	35,615	58	62	84 585	26 821,636	401 047,044	14,952	14,491
9	13	99 019	82 854,720	2 964 887,836	35,784	35,323	59	63	83 311	25 899,660	374 225,409	14,449	13,987
10	14	99 001	81 215,155	2 882 033,116	35,486	35,025	60	64	81 962	24 980,428	348 325,748	13,944	13,482
11	15	98 980	79 605,725	2 800 817,961	35,184	34,722	61	65	80 509	24 056,578	323 345,320	13,441	12,979
12	16	98 957	78 026,662	2 721 212,235	34,875	34,414	62	66	78 988	23 139,184	299 288,742	12,934	12,473
13	17	98 930	76 476,431	2 643 185,574	34,562	34,100	63	67	77 375	22 222,402	276 149,559	12,427	11,965
14	18	98 904	74 957,169	2 566 709,142	34,242	33,781	64	68	75 670	21 306,604	253 927,156	11,918	11,456
15	19	98 866	73 459,252	2 491 751,973	33,920	33,459	65	69	73 852	20 386,930	232 620,552	11,410	10,949
16	20	98 825	71 989,004	2 418 292,722	33,593	33,131	66	70	71 904	19 459,864	212 233,622	10,906	10,445
17	21	98 775	70 541,641	2 346 303,718	33,261	32,800	67	71	69 860	18 536,105	192 773,758	10,400	9,938
18	22	98 720	69 119,914	2 275 762,077	32,925	32,463	68	72	67 685	17 606,933	174 237,653	9,896	9,434
19	23	98 643	67 711,399	2 206 642,163	32,589	32,127	69	73	65 328	16 660,589	156 630,720	9,401	8,940
20	24	98 567	66 332,434	2 138 930,764	32,246	31,784	70	74	62 808	15 703,784	139 970,311	8,913	8,452
21	25	98 485	64 978,172	2 072 598,330	31,897	31,435	71	75	60 142	14 742,202	124 266,348	8,429	7,968
22	26	98 408	63 653,978	2 007 620,158	31,540	31,078	72	76	57 282	13 766,047	109 524,146	7,956	7,494
23	27	98 326	62 354,085	1 943 966,180	31,176	30,715	73	77	54 206	12 771,362	95 758,100	7,498	7,036
24	28	98 247	61 082,016	1 881 612,096	30,805	30,343	74	78	50 949	11 768,632	82 986,737	7,052	6,590
25	29	98 164	59 834,284	1 820 530,080	30,426	29,965	75	79	47 477	10 751,537	71 218,105	6,624	6,162
26	30	98 079	58 610,036	1 760 695,795	30,041	29,579	76	80	43 879	9 741,962	60 466,567	6,207	5,745
27	31	97 992	57 409,967	1 702 085,760	29,648	29,186	77	81	40 122	8 733,192	50 724,605	5,808	5,347
28	32	97 898	56 230,319	1 644 675,792	29,249	28,787	78	82	36 241	7 733,723	41 991,412	5,430	4,968
29	33	97 804	55 074,520	1 588 445,473	28,842	28,380	79	83	32 279	6 753,063	34 257,690	5,073	4,611
30	34	97 706	53 940,368	1 533 370,953	28,427	27,966	80	84	28 353	5 815,532	27 504,627	4,730	4,268
31	35	97 601	52 826,137	1 479 430,585	28,006	27,544	81	85	24 473	4 921,160	21 689,095	4,407	3,946
32	36	97 487	51 729,888	1 426 604,448	27,578	27,116	82	86	20 709	4 082,756	16 767,935	4,107	3,645
33	37	97 369	50 654,082	1 374 874,561	27,142	26,681	83	87	17 167	3 318,112	12 685,179	3,823	3,361
34	38	97 247	49 598,662	1 324 220,478	26,699	26,237	84	88	13 827	2 619,995	9 367,067	3,575	3,114
35	39	97 111	48 558,205	1 274 621,817	26,249	25,788	85	89	10 879	2 021,093	6 747,073	3,338	2,877
36	40	96 959	47 531,429	1 226 063,612	25,795	25,333	86	90	8 303	1 512,251	4 725,980	3,125	2,664
37	41	96 801	46 523,747	1 178 532,183	25,332	24,870	87	91	6 184	1 104,226	3 213,729	2,910	2,449
38	42	96 625	45 528,603	1 132 008,436	24,864	24,402	88	92	4 388	768,131	2 109,503	2,746	2,285
39	43	96 430	44 545,650	1 086 479,833	24,390	23,929	89	93	3 022	518,625	1 341,372	2,586	2,125
40	44	96 215	43 574,897	1 041 934,183	23,911	23,450	90	94	2 003	336,994	822,748	2,441	1,980
41	45	95 975	42 614,000	998 359,286	23,428	22,966	91	95	1 288	212,459	485,754	2,286	1,825
42	46	95 703	41 659,949	955 745,286	22,942	22,480	92	96	784	126,812	273,295	2,155	1,694
43	47	95 401	40 713,981	914 085,337	22,451	21,990	93	97	452	71,626	146,483	2,045	1,583
44	48	95 052	39 769,769	873 371,356	21,961	21,499	94	98	248	38,506	74,857	1,944	1,482
45	49	94 674	38 834,903	833 601,587	21,465	21,004	95	99	129	19,621	36,351	1,853	1,391
46	50	94 248	37 902,196	794 766,684	20,969	20,507	96	100	63	9,452	16,729	1,770	1,308
47	51	93 769	36 970,082	756 864,487	20,472	20,011							
48	52	93 246	36 043,062	719 894,405	19,973	19,512							
49	53	92 659	35 113,982	683 851,343	19,475	19,014							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	3 778 409,931	37,932	37,471	50	55	91 725	34 078,230	638 101,631	18,725	18,263
1	6	99 196	97 250,810	3 678 800,526	37,828	37,366	51	56	91 004	33 147,624	604 023,401	18,222	17,761
2	7	99 153	95 302,354	3 581 549,716	37,581	37,119	52	57	90 224	32 218,980	570 875,777	17,719	17,257
3	8	99 125	93 407,892	3 486 247,362	37,323	36,861	53	58	89 379	31 291,449	538 656,797	17,214	16,753
4	9	99 104	91 556,850	3 392 839,470	37,057	36,596	54	59	88 461	30 362,803	507 365,348	16,710	16,248
5	10	99 084	89 742,986	3 301 282,620	36,786	36,324	55	60	87 474	29 435,372	477 002,545	16,205	15,743
6	11	99 064	87 966,052	3 211 539,634	36,509	36,047	56	61	86 396	28 502,425	447 567,173	15,703	15,241
7	12	99 046	86 225,287	3 123 573,582	36,226	35,764	57	62	85 264	27 577,709	419 064,749	15,196	14,734
8	13	99 029	84 519,941	3 037 348,294	35,936	35,475	58	63	84 055	26 653,336	391 487,039	14,688	14,226
9	14	99 009	82 846,570	2 952 828,354	35,642	35,181	59	64	82 756	25 726,945	364 833,703	14,181	13,719
10	15	98 989	81 205,101	2 869 981,784	35,342	34,881	60	65	81 372	24 800,674	339 106,759	13,673	13,212
11	16	98 966	79 594,934	2 788 776,683	35,037	34,576	61	66	79 886	23 870,321	314 306,085	13,167	12,706
12	17	98 941	78 014,118	2 709 181,749	34,727	34,265	62	67	78 338	22 948,985	290 435,764	12,656	12,194
13	18	98 913	76 463,007	2 631 167,632	34,411	33,949	63	68	76 677	22 021,964	267 486,778	12,146	11,685
14	19	98 883	74 940,796	2 554 704,625	34,090	33,628	64	69	74 929	21 097,903	245 464,814	11,635	11,173
15	20	98 845	73 443,454	2 479 763,829	33,764	33,303	65	70	73 042	20 163,333	224 366,911	11,127	10,666
16	21	98 805	71 973,815	2 406 320,375	33,433	32,972	66	71	71 045	19 227,353	204 203,578	10,620	10,159
17	22	98 754	70 526,393	2 334 346,560	33,099	32,637	67	72	68 928	18 288,778	184 976,225	10,114	9,653
18	23	98 698	69 104,031	2 263 820,167	32,760	32,298	68	73	66 638	17 334,463	166 687,446	9,616	9,154
19	24	98 620	67 695,998	2 194 716,136	32,420	31,959	69	74	64 196	16 371,770	149 352,983	9,123	8,661
20	25	98 544	66 317,353	2 127 020,138	32,073	31,612	70	75	61 594	15 400,322	132 981,213	8,635	8,173
21	26	98 463	64 963,692	2 060 702,785	31,721	31,259	71	76	58 802	14 413,728	117 580,890	8,158	7,696
22	27	98 381	63 636,972	1 995 739,093	31,361	30,900	72	77	55 830	13 417,109	103 167,162	7,689	7,228
23	28	98 301	62 337,989	1 932 102,121	30,994	30,532	73	78	52 637	12 401,577	89 750,053	7,237	6,775
24	29	98 221	61 066,151	1 869 764,132	30,619	30,157	74	79	49 255	11 377,230	77 348,476	6,799	6,337
25	30	98 137	59 817,688	1 808 697,981	30,237	29,775	75	80	45 694	10 347,810	65 971,246	6,375	5,914
26	31	98 052	58 593,951	1 748 880,293	29,847	29,386	76	81	41 976	9 319,422	55 623,436	5,969	5,507
27	32	97 960	57 391,250	1 690 286,342	29,452	28,990	77	82	38 136	8 300,936	46 304,013	5,578	5,117
28	33	97 864	56 210,844	1 632 895,092	29,049	28,588	78	83	34 180	7 293,923	38 003,077	5,210	4,749
29	34	97 768	55 054,595	1 576 684,248	28,639	28,177	79	84	30 182	6 314,390	30 709,154	4,863	4,402
30	35	97 666	53 918,478	1 521 629,653	28,221	27,759	80	85	26 256	5 385,265	24 394,764	4,530	4,068
31	36	97 559	52 803,625	1 467 711,175	27,796	27,334	81	86	22 385	4 501,408	19 009,499	4,223	3,761
32	37	97 442	51 705,765	1 414 907,550	27,365	26,903	82	87	18 708	3 688,163	14 508,092	3,934	3,472
33	38	97 318	50 627,403	1 363 201,785	26,926	26,465	83	88	15 199	2 937,652	10 819,928	3,683	3,222
34	39	97 190	49 569,420	1 312 574,382	26,480	26,018	84	89	12 092	2 291,285	7 882,276	3,440	2,979
35	40	97 043	48 524,056	1 263 004,963	26,028	25,567	85	90	9 359	1 738,607	5 590,991	3,216	2,754
36	41	96 890	47 497,549	1 214 480,907	25,569	25,108	86	91	7 073	1 288,140	3 852,384	2,991	2,529
37	42	96 721	46 485,086	1 166 983,358	25,104	24,643	87	92	5 113	913,036	2 564,244	2,808	2,347
38	43	96 534	45 485,535	1 120 498,271	24,634	24,173	88	93	3 559	622,967	1 651,208	2,651	2,189
39	44	96 328	44 498,630	1 075 012,736	24,158	23,697	89	94	2 397	411,330	1 028,241	2,500	2,038
40	45	96 106	43 525,622	1 030 514,106	23,676	23,214	90	95	1 551	261,038	616,911	2,363	1,902
41	46	95 845	42 556,361	986 988,484	23,193	22,731	91	96	973	160,523	355,873	2,217	1,755
42	47	95 555	41 595,338	944 432,123	22,705	22,244	92	97	577	93,335	195,350	2,093	1,631
43	48	95 235	40 643,326	902 836,785	22,214	21,752	93	98	323	51,288	102,015	1,989	1,527
44	49	94 876	39 696,077	862 193,459	21,720	21,258	94	99	172	26,790	50,727	1,894	1,432
45	50	94 476	38 753,657	822 497,382	21,224	20,762	95	100	87	13,246	23,938	1,807	1,345
46	51	94 028	37 813,639	783 743,725	20,726	20,265							
47	52	93 535	36 877,997	745 930,085	20,227	19,765							
48	53	92 988	35 943,193	709 052,088	19,727	19,265							
49	54	92 378	35 007,264	673 108,895	19,228	18,766							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	3 765 512,712	37,806	37,345	50	56	91 395	33 955,632	626 827,654	18,460	17,999
1	7	99 188	97 243,013	3 665 912,318	37,698	37,237	51	57	90 659	33 021,899	592 872,021	17,954	17,492
2	8	99 144	95 294,392	3 568 669,305	37,449	36,987	52	58	89 851	32 086,036	559 850,122	17,448	16,987
3	9	99 119	93 402,090	3 473 374,913	37,187	36,726	53	59	88 971	31 148,771	527 764,087	16,943	16,482
4	10	99 098	91 551,038	3 379 972,823	36,919	36,457	54	60	88 038	30 217,719	496 615,316	16,435	15,973
5	11	99 076	89 735,756	3 288 421,785	36,646	36,184	55	61	86 996	29 274,423	466 397,597	15,932	15,470
6	12	99 056	87 959,066	3 198 686,029	36,366	35,904	56	62	85 904	28 340,375	437 123,174	15,424	14,962
7	13	99 038	86 218,678	3 110 726,963	36,080	35,618	57	63	84 729	27 404,665	408 782,799	14,917	14,455
8	14	99 019	84 511,626	3 024 508,285	35,788	35,326	58	64	83 494	26 475,595	381 378,134	14,405	13,943
9	15	98 997	82 836,314	2 939 996,658	35,492	35,030	59	65	82 160	25 541,818	354 902,539	13,895	13,433
10	16	98 975	81 194,093	2 857 160,345	35,189	34,728	60	66	80 742	24 608,656	329 360,721	13,384	12,922
11	17	98 950	79 582,138	2 775 966,252	34,882	34,420	61	67	79 229	23 674,113	304 782,065	12,873	12,411
12	18	98 923	78 000,423	2 696 384,114	34,569	34,107	62	68	77 632	22 741,994	281 077,952	12,359	11,898
13	19	98 891	76 446,304	2 618 383,691	34,251	33,790	63	69	75 926	21 806,256	258 335,958	11,847	11,385
14	20	98 862	74 924,679	2 541 937,386	33,927	33,465	64	70	74 107	20 866,508	236 529,702	11,335	10,874
15	21	98 824	73 427,958	2 467 012,707	33,598	33,136	65	71	72 169	19 922,418	215 663,194	10,825	10,364
16	22	98 783	71 958,258	2 393 584,749	33,264	32,802	66	72	70 097	18 970,803	195 740,776	10,318	9,856
17	23	98 731	70 510,187	2 321 626,490	32,926	32,465	67	73	67 861	18 005,757	176 769,973	9,817	9,356
18	24	98 675	69 088,313	2 251 116,304	32,583	32,122	68	74	65 483	17 033,963	158 764,217	9,320	8,859
19	25	98 598	67 680,607	2 182 027,991	32,240	31,778	69	75	62 955	16 055,401	141 730,253	8,828	8,366
20	26	98 522	66 302,575	2 114 347,384	31,889	31,428	70	76	60 222	15 057,185	125 674,852	8,347	7,885
21	27	98 437	64 946,336	2 048 044,810	31,534	31,073	71	77	57 311	14 048,374	110 617,667	7,874	7,412
22	28	98 356	63 620,545	1 983 098,474	31,171	30,709	72	78	54 214	13 028,627	96 569,293	7,412	6,950
23	29	98 275	62 321,798	1 919 477,928	30,799	30,338	73	79	50 886	11 989,124	83 540,667	6,968	6,506
24	30	98 194	61 049,214	1 857 156,130	30,421	29,959	74	80	47 405	10 950,008	71 551,543	6,534	6,073
25	31	98 110	59 801,272	1 796 106,916	30,035	29,573	75	81	43 712	9 898,993	60 601,535	6,122	5,660
26	32	98 020	58 574,848	1 736 305,645	29,643	29,181	76	82	39 898	8 858,150	50 702,542	5,724	5,262
27	33	97 926	57 371,373	1 677 730,797	29,243	28,782	77	83	35 968	7 828,880	41 844,392	5,345	4,883
28	34	97 829	56 190,507	1 620 359,424	28,837	28,375	78	84	31 960	6 820,116	34 015,512	4,988	4,526
29	35	97 729	55 032,252	1 564 168,916	28,423	27,961	79	85	27 949	5 847,215	27 195,396	4,651	4,189
30	36	97 624	53 895,500	1 509 136,664	28,001	27,540	80	86	24 016	4 925,927	21 348,181	4,334	3,872
31	37	97 514	52 779,002	1 455 241,164	27,572	27,111	81	87	20 222	4 066,353	16 422,255	4,039	3,577
32	38	97 390	51 678,532	1 402 462,162	27,138	26,677	82	88	16 563	3 265,273	12 355,901	3,784	3,322
33	39	97 260	50 597,554	1 350 783,631	26,697	26,235	83	89	13 292	2 569,088	9 090,629	3,538	3,077
34	40	97 121	49 534,559	1 300 186,076	26,248	25,786	84	90	10 402	1 971,035	6 521,540	3,309	2,847
35	41	96 974	48 489,468	1 250 651,517	25,792	25,331	85	91	7 972	1 480,951	4 550,505	3,073	2,611
36	42	96 809	47 458,080	1 202 162,048	25,331	24,869	86	92	5 848	1 065,106	3 069,554	2,882	2,420
37	43	96 629	46 441,114	1 154 703,969	24,864	24,402	87	93	4 147	740,487	2 004,448	2,707	2,245
38	44	96 432	45 437,523	1 108 262,855	24,391	23,929	88	94	2 822	494,086	1 263,961	2,558	2,097
39	45	96 219	44 448,310	1 062 825,332	23,911	23,450	89	95	1 856	318,620	769,875	2,416	1,955
40	46	95 976	43 466,750	1 018 377,022	23,429	22,967	90	96	1 172	197,228	451,255	2,288	1,826
41	47	95 697	42 490,360	974 910,271	22,944	22,483	91	97	716	118,147	254,027	2,150	1,688
42	48	95 389	41 523,153	932 419,911	22,455	21,994	92	98	413	66,832	135,881	2,033	1,572
43	49	95 059	40 568,015	890 896,759	21,961	21,499	93	99	225	35,682	69,049	1,935	1,474
44	50	94 677	39 613,030	850 328,743	21,466	21,004	94	100	116	18,086	33,367	1,845	1,383
45	51	94 255	38 663,111	810 715,713	20,969	20,507							
46	52	93 794	37 719,454	772 052,602	20,468	20,007							
47	53	93 276	36 775,815	734 333,148	19,968	19,506							
48	54	92 705	35 833,955	697 557,334	19,466	19,005							
49	55	92 083	34 895,726	661 723,379	18,963	18,501							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	3 751 826,524	37,672	37,210	50	57	91 048	33 826,842	614 916,035	18,178	17,717
1	8	99 180	97 234,889	3 652 234,115	37,561	37,099	51	58	90 285	32 885,641	581 089,193	17,670	17,208
2	9	99 138	95 288,473	3 554 999,226	37,308	36,846	52	59	89 442	31 939,735	548 203,552	17,164	16,702
3	10	99 113	93 396,160	3 459 710,753	37,043	36,582	53	60	88 546	30 999,931	516 263,817	16,654	16,192
4	11	99 090	91 543,662	3 366 314,593	36,773	36,311	54	61	87 557	30 052,492	485 263,886	16,147	15,686
5	12	99 068	89 728,630	3 274 770,930	36,496	36,035	55	62	86 501	29 107,984	455 211,394	15,639	15,177
6	13	99 049	87 952,324	3 185 042,301	36,213	35,752	56	63	85 365	28 162,545	426 103,410	15,130	14,669
7	14	99 028	86 210,196	3 097 089,977	35,925	35,463	57	64	84 164	27 221,914	397 940,865	14,618	14,157
8	15	99 007	84 501,164	3 010 879,781	35,631	35,170	58	65	82 893	26 285,081	370 718,951	14,104	13,642
9	16	98 984	82 825,084	2 926 378,617	35,332	34,870	59	66	81 524	25 344,063	344 433,870	13,590	13,129
10	17	98 959	81 181,040	2 843 553,532	35,027	34,566	60	67	80 078	24 406,379	319 089,807	13,074	12,612
11	18	98 933	79 568,168	2 762 372,493	34,717	34,255	61	68	78 514	23 460,581	294 683,428	12,561	12,099
12	19	98 902	77 983,385	2 682 804,324	34,402	33,941	62	69	76 871	22 519,233	271 222,847	12,044	11,582
13	20	98 870	76 429,864	2 604 820,939	34,081	33,620	63	70	75 094	21 567,092	248 703,614	11,532	11,070
14	21	98 841	74 908,871	2 528 391,075	33,753	33,291	64	71	73 222	20 617,191	227 136,522	11,017	10,555
15	22	98 803	73 412,087	2 453 482,204	33,421	32,959	65	72	71 206	19 656,593	206 519,331	10,506	10,045
16	23	98 761	71 941,723	2 380 070,117	33,083	32,622	66	73	69 012	18 677,227	186 862,738	10,005	9,543
17	24	98 709	70 494,149	2 308 128,394	32,742	32,281	67	74	66 685	17 693,220	168 185,511	9,505	9,044
18	25	98 653	69 072,605	2 237 634,246	32,395	31,934	68	75	64 217	16 704,798	150 491,892	9,009	8,547
19	26	98 576	67 665,525	2 168 561,640	32,048	31,587	69	76	61 553	15 697,668	133 787,094	8,523	8,061
20	27	98 496	66 284,861	2 100 896,116	31,695	31,233	70	77	58 696	14 675,521	118 089,426	8,047	7,585
21	28	98 412	64 929,572	2 034 611,254	31,336	30,874	71	78	55 652	13 641,613	103 413,905	7,581	7,119
22	29	98 331	63 604,021	1 969 681,683	30,968	30,506	72	79	52 411	12 595,319	89 772,292	7,127	6,666
23	30	98 248	62 304,512	1 906 077,662	30,593	30,131	73	80	48 975	11 538,925	77 176,973	6,688	6,227
24	31	98 167	61 032,459	1 843 773,149	30,210	29,748	74	81	45 349	10 475,071	65 638,049	6,266	5,805
25	32	98 078	59 781,775	1 782 740,690	29,821	29,359	75	82	41 549	9 409,034	55 162,978	5,863	5,401
26	33	97 986	58 554,561	1 722 958,915	29,425	28,963	76	83	37 630	8 354,407	45 753,943	5,477	5,015
27	34	97 891	57 350,616	1 664 404,354	29,022	28,560	77	84	33 631	7 320,323	37 399,537	5,109	4,647
28	35	97 789	56 167,704	1 607 053,738	28,612	28,150	78	85	29 595	6 315,524	30 079,213	4,763	4,301
29	36	97 687	55 008,800	1 550 886,034	28,193	27,732	79	86	25 565	5 348,474	23 763,689	4,443	3,981
30	37	97 579	53 870,368	1 495 877,234	27,768	27,306	80	87	21 695	4 449,843	18 415,215	4,138	3,677
31	38	97 463	52 751,203	1 442 006,866	27,336	26,874	81	88	17 903	3 600,099	13 965,372	3,879	3,418
32	39	97 333	51 648,064	1 389 255,663	26,899	26,437	82	89	14 485	2 855,605	10 365,273	3,630	3,168
33	40	97 192	50 561,971	1 337 607,599	26,455	25,993	83	90	11 434	2 210,010	7 509,668	3,398	2,936
34	41	97 052	49 499,251	1 287 045,628	26,001	25,540	84	91	8 860	1 678,934	5 299,658	3,157	2,695
35	42	96 893	48 449,175	1 237 546,376	25,543	25,082	85	92	6 592	1 224,533	3 620,724	2,957	2,495
36	43	96 718	47 413,187	1 189 097,202	25,079	24,618	86	93	4 743	863,819	2 396,191	2,774	2,312
37	44	96 527	46 392,093	1 141 684,015	24,609	24,148	87	94	3 289	587,293	1 532,372	2,609	2,148
38	45	96 323	45 386,141	1 095 291,922	24,133	23,671	88	95	2 186	382,723	945,079	2,469	2,008
39	46	96 089	44 388,191	1 049 905,781	23,653	23,191	89	96	1 403	240,734	562,356	2,336	1,874
40	47	95 827	43 399,337	1 005 517,590	23,169	22,707	90	97	863	145,162	321,622	2,216	1,754
41	48	95 531	42 416,622	962 118,253	22,683	22,221	91	98	513	84,598	176,461	2,086	1,624
42	49	95 212	41 446,212	919 701,631	22,190	21,729	92	99	287	46,496	91,862	1,976	1,514
43	50	94 860	40 483,144	878 255,419	21,694	21,233	93	100	152	24,089	45,366	1,883	1,422
44	51	94 456	39 520,476	837 772,275	21,198	20,737							
45	52	94 020	38 566,809	798 251,799	20,698	20,236							
46	53	93 534	37 614,939	759 684,990	20,196	19,735							
47	54	92 993	36 664,046	722 070,051	19,694	19,233							
48	55	92 410	35 719,782	685 406,004	19,188	18,727							
49	56	91 752	34 770,187	649 686,222	18,685	18,224							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	3 737 336,726	37,529	37,068	50	58	90 672	33 687,263	602 362,791	17,881	17,419
1	9	99 173	97 228,850	3 637 752,638	37,414	36,953	51	59	89 873	32 735,694	568 675,527	17,372	16,910
2	10	99 132	95 282,424	3 540 523,788	37,158	36,697	52	60	89 014	31 787,116	535 939,833	16,860	16,399
3	11	99 105	93 388,636	3 445 241,365	36,891	36,430	53	61	88 062	30 830,427	504 152,717	16,352	15,891
4	12	99 082	91 536,392	3 351 852,728	36,618	36,156	54	62	87 059	29 881,629	473 322,290	15,840	15,378
5	13	99 060	89 721,751	3 260 316,336	36,338	35,876	55	63	85 958	28 925,338	443 440,661	15,331	14,869
6	14	99 039	87 943,672	3 170 594,585	36,053	35,591	56	64	84 796	27 974,740	414 515,323	14,817	14,356
7	15	99 016	86 199,524	3 082 650,913	35,762	35,300	57	65	83 559	27 026,030	386 540,583	14,303	13,841
8	16	98 993	84 489,709	2 996 451,389	35,465	35,004	58	66	82 251	26 081,571	359 514,554	13,784	13,323
9	17	98 968	82 811,769	2 911 961,680	35,164	34,702	59	67	80 854	25 135,741	333 432,983	13,265	12,804
10	18	98 942	81 166,789	2 829 149,911	34,856	34,394	60	68	79 356	24 186,242	308 297,242	12,747	12,285
11	19	98 911	79 550,788	2 747 983,121	34,544	34,082	61	69	77 745	23 230,782	284 111,000	12,230	11,768
12	20	98 881	77 966,614	2 668 432,334	34,225	33,764	62	70	76 028	22 272,250	260 880,219	11,713	11,252
13	21	98 849	76 413,739	2 590 465,719	33,901	33,439	63	71	74 196	21 309,404	238 607,969	11,197	10,736
14	22	98 819	74 892,680	2 514 051,981	33,569	33,107	64	72	72 245	20 342,096	217 298,565	10,682	10,221
15	23	98 780	73 395,217	2 439 159,301	33,233	32,772	65	73	70 105	19 352,404	196 956,469	10,177	9,716
16	24	98 738	71 925,359	2 365 764,084	32,892	32,430	66	74	67 816	18 353,450	177 604,065	9,677	9,215
17	25	98 686	70 478,122	2 293 838,725	32,547	32,085	67	75	65 396	17 351,707	159 250,615	9,178	8,716
18	26	98 631	69 057,213	2 223 360,603	32,196	31,734	68	76	62 787	16 332,595	141 898,909	8,688	8,226
19	27	98 550	67 647,447	2 154 303,390	31,846	31,384	69	77	59 992	15 299,769	125 566,313	8,207	7,745
20	28	98 470	66 267,751	2 086 655,943	31,488	31,027	70	78	56 996	14 250,602	110 266,545	7,738	7,276
21	29	98 386	64 912,707	2 020 388,192	31,125	30,663	71	79	53 801	13 187,919	96 015,943	7,281	6,819
22	30	98 303	63 586,380	1 955 475,485	30,753	30,291	72	80	50 443	12 122,357	82 828,024	6,833	6,371
23	31	98 221	62 287,413	1 891 889,105	30,374	29,912	73	81	46 851	11 038,445	70 705,667	6,405	5,944
24	32	98 135	61 012,561	1 829 601,692	29,987	29,526	74	82	43 105	9 956,599	59 667,223	5,993	5,531
25	33	98 044	59 761,070	1 768 589,131	29,594	29,133	75	83	39 186	8 873,963	49 710,624	5,602	5,140
26	34	97 951	58 533,376	1 708 828,060	29,194	28,732	76	84	35 185	7 811,712	40 836,660	5,228	4,766
27	35	97 851	57 327,342	1 650 294,684	28,787	28,326	77	85	31 143	6 778,723	33 024,948	4,872	4,410
28	36	97 748	56 143,768	1 592 967,342	28,373	27,911	78	86	27 071	5 776,839	26 246,225	4,543	4,082
29	37	97 642	54 983,149	1 536 823,574	27,951	27,489	79	87	23 094	4 831,552	20 469,386	4,237	3,775
30	38	97 527	53 841,994	1 481 840,425	27,522	27,060	80	88	19 207	3 939,617	15 637,835	3,969	3,508
31	39	97 405	52 720,103	1 427 998,431	27,086	26,625	81	89	15 657	3 148,423	11 698,218	3,716	3,254
32	40	97 264	51 611,742	1 375 278,328	26,647	26,185	82	90	12 460	2 456,481	8 549,795	3,481	3,019
33	41	97 123	50 525,931	1 323 666,587	26,198	25,736	83	91	9 740	1 882,494	6 093,314	3,237	2,775
34	42	96 971	49 458,119	1 273 140,656	25,742	25,280	84	92	7 326	1 388,236	4 210,820	3,033	2,572
35	43	96 801	48 403,344	1 223 682,537	25,281	24,819	85	93	5 346	993,117	2 822,583	2,842	2,381
36	44	96 615	47 363,140	1 175 279,193	24,814	24,353	86	94	3 762	685,110	1 829,466	2,670	2,209
37	45	96 418	46 339,632	1 127 916,053	24,340	23,879	87	95	2 548	454,922	1 144,357	2,516	2,054
38	46	96 193	45 324,753	1 081 576,421	23,863	23,401	88	96	1 652	289,167	689,435	2,384	1,923
39	47	95 940	44 319,349	1 036 251,668	23,381	22,920	89	97	1 032	177,182	400,268	2,259	1,797
40	48	95 661	43 324,021	991 932,319	22,896	22,434	90	98	618	103,942	223,086	2,146	1,685
41	49	95 354	42 338,025	948 608,298	22,406	21,944	91	99	357	58,857	119,143	2,024	1,563
42	50	95 013	41 359,503	906 270,273	21,912	21,450	92	100	194	31,389	60,287	1,921	1,459
43	51	94 638	40 388,557	864 910,769	21,415	20,953							
44	52	94 221	39 422,039	824 522,213	20,915	20,454							
45	53	93 760	38 459,947	785 100,174	20,413	19,952							
46	54	93 249	37 500,621	746 640,227	19,910	19,448							
47	55	92 696	36 547,229	709 139,606	19,403	18,942							
48	56	92 077	35 591,279	672 592,377	18,898	18,436							
49	57	91 404	34 638,307	637 001,098	18,390	17,928							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	3 722 032,668	37,378	36,916	50	59	90 259	33 533,661	589 171,451	17,570	17,108
1	10	99 167	97 222,677	3 622 454,765	37,259	36,798	51	60	89 444	32 579,272	555 637,789	17,055	16,593
2	11	99 124	95 274,748	3 525 232,088	37,001	36,539	52	61	88 528	31 613,308	523 058,517	16,546	16,084
3	12	99 097	93 381,219	3 429 957,340	36,731	36,269	53	62	87 561	30 655,142	491 445,210	16,031	15,570
4	13	99 074	91 529,375	3 336 576,121	36,454	35,992	54	63	86 513	29 694,129	460 790,068	15,518	15,056
5	14	99 050	89 712,925	3 245 046,746	36,171	35,710	55	64	85 385	28 732,446	431 095,940	15,004	14,542
6	15	99 027	87 932,785	3 155 333,820	35,883	35,422	56	65	84 186	27 773,439	402 363,494	14,487	14,026
7	16	99 003	86 187,839	3 067 401,035	35,590	35,128	57	66	82 912	26 816,783	374 590,055	13,968	13,507
8	17	98 977	84 476,126	2 981 213,197	35,291	34,829	58	67	81 575	25 867,186	347 773,273	13,445	12,983
9	18	98 950	82 797,233	2 896 737,070	34,986	34,524	59	68	80 125	24 909,025	321 906,086	12,923	12,462
10	19	98 920	81 149,059	2 813 939,838	34,676	34,215	60	69	78 579	23 949,335	296 997,061	12,401	11,939
11	20	98 890	79 533,680	2 732 790,778	34,360	33,899	61	70	76 893	22 975,994	273 047,726	11,884	11,422
12	21	98 860	77 950,164	2 653 257,099	34,038	33,576	62	71	75 120	22 006,136	250 071,732	11,364	10,902
13	22	98 828	76 397,222	2 575 306,934	33,709	33,248	63	72	73 206	21 025,073	228 065,596	10,847	10,386
14	23	98 797	74 875,470	2 498 909,712	33,374	32,913	64	73	71 127	20 027,299	207 040,523	10,338	9,876
15	24	98 758	73 378,523	2 424 034,243	33,035	32,573	65	74	68 889	19 016,922	187 013,225	9,834	9,372
16	25	98 716	71 909,007	2 350 655,720	32,689	32,228	66	75	66 505	17 998,786	167 996,302	9,334	8,872
17	26	98 664	70 462,416	2 278 746,713	32,340	31,878	67	76	63 939	16 965,091	149 997,516	8,842	8,380
18	27	98 604	69 038,764	2 208 284,297	31,986	31,525	68	77	61 195	15 918,602	133 032,425	8,357	7,895
19	28	98 524	67 629,985	2 139 245,533	31,632	31,170	69	78	58 255	14 856,775	117 113,823	7,883	7,421
20	29	98 445	66 250,539	2 071 615,548	31,269	30,808	70	79	55 101	13 776,653	102 257,049	7,422	6,961
21	30	98 359	64 894,703	2 005 365,009	30,902	30,440	71	80	51 781	12 692,704	88 480,395	6,971	6,509
22	31	98 276	63 568,929	1 940 470,306	30,525	30,064	72	81	48 255	11 596,572	75 787,691	6,535	6,074
23	32	98 189	62 267,106	1 876 901,377	30,143	29,681	73	82	44 532	10 492,088	64 191,119	6,118	5,656
24	33	98 101	60 991,430	1 814 634,270	29,752	29,291	74	83	40 653	9 390,389	53 699,031	5,719	5,257
25	34	98 009	59 739,449	1 753 642,841	29,355	28,893	75	84	36 640	8 297,519	44 308,642	5,340	4,878
26	35	97 911	58 509,622	1 693 903,392	28,951	28,489	76	85	32 582	7 233,756	36 011,123	4,978	4,517
27	36	97 810	57 302,912	1 635 393,769	28,539	28,078	77	86	28 487	6 200,529	28 777,367	4,641	4,180
28	37	97 702	56 117,587	1 578 090,857	28,121	27,660	78	87	24 455	5 218,516	22 576,838	4,326	3,865
29	38	97 590	54 954,189	1 521 973,270	27,695	27,234	79	88	20 446	4 277,558	17 358,322	4,058	3,596
30	39	97 470	53 810,251	1 467 019,081	27,263	26,801	80	89	16 798	3 445,345	13 080,764	3,797	3,335
31	40	97 337	52 683,027	1 413 208,831	26,825	26,363	81	90	13 469	2 708,372	9 635,419	3,558	3,096
32	41	97 195	51 574,953	1 360 525,804	26,380	25,918	82	91	10 614	2 092,439	6 927,047	3,311	2,849
33	42	97 042	50 483,945	1 308 950,851	25,928	25,466	83	92	8 053	1 556,551	4 834,609	3,106	2,644
34	43	96 880	49 411,334	1 258 466,906	25,469	25,008	84	93	5 942	1 125,883	3 278,058	2,912	2,450
35	44	96 699	48 352,252	1 209 055,572	25,005	24,544	85	94	4 240	787,658	2 152,175	2,732	2,271
36	45	96 506	47 309,581	1 160 703,320	24,534	24,073	86	95	2 914	530,692	1 364,517	2,571	2,110
37	46	96 288	46 276,955	1 113 393,739	24,059	23,598	87	96	1 925	343,717	833,825	2,426	1,964
38	47	96 043	45 254,458	1 067 116,785	23,580	23,119	88	97	1 216	212,830	490,108	2,303	1,841
39	48	95 774	44 242,436	1 021 862,326	23,097	22,635	89	98	739	126,870	277,278	2,186	1,724
40	49	95 484	43 243,743	977 619,890	22,607	22,146	90	99	430	72,315	150,408	2,080	1,618
41	50	95 154	42 249,451	934 376,147	22,116	21,654	91	100	241	39,734	78,093	1,965	1,504
42	51	94 791	41 262,869	892 126,696	21,621	21,159							
43	52	94 402	40 287,957	850 863,827	21,120	20,658							
44	53	93 960	39 312,807	810 575,870	20,619	20,157							
45	54	93 475	38 343,060	771 263,063	20,115	19,653							
46	55	92 952	37 381,138	732 920,003	19,607	19,145							
47	56	92 363	36 415,749	695 538,865	19,100	18,638							
48	57	91 728	35 456,285	659 123,116	18,590	18,128							
49	58	91 027	34 495,380	623 666,831	18,080	17,618							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	3 705 903,542	37,218	36,757	50	60	89 828	33 373,426	575 351,532	17,240	16,778
1	11	99 159	97 214,845	3 606 331,961	37,097	36,635	51	61	88 955	32 401,132	541 978,107	16,727	16,266
2	12	99 116	95 267,181	3 509 117,116	36,834	36,373	52	62	88 024	31 433,571	509 576,974	16,211	15,750
3	13	99 089	93 374,061	3 413 849,935	36,561	36,099	53	63	87 012	30 462,787	478 143,403	15,696	15,234
4	14	99 065	91 520,371	3 320 475,874	36,281	35,820	54	64	85 936	29 496,109	447 680,616	15,178	14,716
5	15	99 038	89 701,819	3 228 955,502	35,997	35,535	55	65	84 771	28 525,692	418 184,506	14,660	14,198
6	16	99 013	87 920,864	3 139 253,683	35,705	35,244	56	66	83 534	27 558,405	389 658,814	14,139	13,678
7	17	98 987	86 173,983	3 051 332,818	35,409	34,947	57	67	82 230	26 596,355	362 100,410	13,615	13,153
8	18	98 960	84 461,298	2 965 158,835	35,107	34,645	58	68	80 840	25 633,874	335 504,055	13,088	12,627
9	19	98 929	82 779,147	2 880 697,538	34,800	34,338	59	69	79 340	24 665,038	309 870,181	12,563	12,102
10	20	98 899	81 131,608	2 797 918,391	34,486	34,025	60	70	77 717	23 686,666	285 205,143	12,041	11,579
11	21	98 869	79 516,899	2 716 786,783	34,166	33,705	61	71	75 974	22 701,472	261 518,476	11,520	11,058
12	22	98 838	77 933,316	2 637 269,884	33,840	33,378	62	72	74 117	21 712,508	238 817,004	10,999	10,537
13	23	98 805	76 379,666	2 559 336,568	33,508	33,046	63	73	72 073	20 699,707	217 104,496	10,488	10,027
14	24	98 774	74 858,439	2 482 956,902	33,169	32,707	64	74	69 894	19 680,117	196 404,789	9,980	9,518
15	25	98 735	73 361,840	2 408 098,463	32,825	32,363	65	75	67 558	18 649,438	176 724,672	9,476	9,015
16	26	98 694	71 892,982	2 334 736,623	32,475	32,014	66	76	65 023	17 597,752	158 075,234	8,983	8,521
17	27	98 638	70 443,591	2 262 843,641	32,123	31,661	67	77	62 319	16 535,065	140 477,481	8,496	8,034
18	28	98 579	69 020,942	2 192 400,049	31,764	31,303	68	78	59 423	15 457,690	123 942,416	8,018	7,557
19	29	98 499	67 612,420	2 123 379,107	31,405	30,944	69	79	56 318	14 362,667	108 484,726	7,553	7,092
20	30	98 418	66 232,164	2 055 766,687	31,039	30,577	70	80	53 031	13 259,331	94 122,059	7,099	6,637
21	31	98 332	64 876,893	1 989 534,523	30,666	30,205	71	81	49 535	12 142,181	80 862,728	6,660	6,198
22	32	98 244	63 548,204	1 924 657,630	30,287	29,825	72	82	45 867	11 022,590	68 720,547	6,235	5,773
23	33	98 155	62 245,540	1 861 109,426	29,899	29,438	73	83	42 000	9 895,426	57 697,957	5,831	5,369
24	34	98 065	60 969,364	1 798 863,886	29,504	29,043	74	84	38 013	8 780,398	47 802,531	5,444	4,983
25	35	97 969	59 715,206	1 737 894,522	29,103	28,641	75	85	33 930	7 683,620	39 022,133	5,079	4,617
26	36	97 869	58 484,688	1 678 179,317	28,694	28,233	76	86	29 803	6 616,750	31 338,513	4,736	4,275
27	37	97 764	57 276,191	1 619 694,629	28,279	27,817	77	87	25 733	5 601,257	24 721,763	4,414	3,952
28	38	97 651	56 088,030	1 562 418,438	27,857	27,395	78	88	21 651	4 620,153	19 120,506	4,139	3,677
29	39	97 533	54 921,790	1 506 330,408	27,427	26,965	79	89	17 881	3 740,887	14 500,353	3,876	3,415
30	40	97 401	53 772,408	1 451 408,618	26,992	26,530	80	90	14 450	2 963,793	10 759,466	3,630	3,169
31	41	97 267	52 645,474	1 397 636,210	26,548	26,086	81	91	11 473	2 307,000	7 795,673	3,379	2,918
32	42	97 114	51 532,095	1 344 990,736	26,100	25,638	82	92	8 776	1 730,145	5 488,673	3,172	2,711
33	43	96 950	50 436,190	1 293 458,640	25,645	25,184	83	93	6 531	1 262,389	3 758,528	2,977	2,516
34	44	96 777	49 359,178	1 243 022,451	25,183	24,722	84	94	4 712	892,957	2 496,138	2,795	2,334
35	45	96 590	48 297,574	1 193 663,273	24,715	24,253	85	95	3 284	610,126	1 603,181	2,628	2,166
36	46	96 376	47 245,591	1 145 365,698	24,243	23,781	86	96	2 202	400,965	993,055	2,477	2,015
37	47	96 138	46 205,183	1 098 120,107	23,766	23,305	87	97	1 417	252,979	592,090	2,340	1,879
38	48	95 877	45 175,923	1 051 914,924	23,285	22,823	88	98	871	152,396	339,111	2,225	1,764
39	49	95 596	44 160,457	1 006 739,001	22,797	22,336	89	99	514	88,266	186,716	2,115	1,654
40	50	95 284	43 153,274	962 578,544	22,306	21,844	90	100	290	48,819	98,449	2,017	1,555
41	51	94 932	42 150,737	919 425,270	21,813	21,351							
42	52	94 555	41 160,091	877 274,533	21,314	20,852							
43	53	94 141	40 176,326	836 114,442	20,811	20,350							
44	54	93 674	39 193,328	795 938,116	20,308	19,846							
45	55	93 177	38 220,893	756 744,787	19,799	19,338							
46	56	92 618	37 246,658	718 523,894	19,291	18,829							
47	57	92 013	36 277,628	681 277,236	18,780	18,318							
48	58	91 349	35 309,983	644 999,608	18,267	17,805							
49	59	90 612	34 338,093	609 689,626	17,755	17,294							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	3 688 943,025	37,051	36,590	50	61	89 336	33 190,944	560 907,598	16,899	16,438
1	12	99 151	97 207,124	3 589 379,465	36,925	36,463	51	62	88 449	32 216,917	527 716,654	16,380	15,919
2	13	99 108	95 259,878	3 492 172,341	36,659	36,198	52	63	87 472	31 236,332	495 499,738	15,863	15,401
3	14	99 080	93 364,876	3 396 912,463	36,383	35,922	53	64	86 432	30 259,642	464 263,405	15,343	14,881
4	15	99 052	91 509,042	3 303 547,587	36,101	35,639	54	65	85 317	29 283,861	434 003,763	14,821	14,359
5	16	99 025	89 689,659	3 212 038,545	35,813	35,351	55	66	84 114	28 304,834	404 719,902	14,299	13,837
6	17	98 997	87 906,730	3 122 348,886	35,519	35,057	56	67	82 847	27 331,881	376 415,068	13,772	13,310
7	18	98 969	86 158,856	3 034 442,156	35,219	34,758	57	68	81 489	26 356,466	349 083,187	13,245	12,783
8	19	98 938	84 442,848	2 948 283,300	34,915	34,453	58	69	80 048	25 382,787	322 726,722	12,714	12,253
9	20	98 907	82 761,345	2 863 840,452	34,604	34,142	59	70	78 470	24 394,520	297 343,935	12,189	11,727
10	21	98 878	81 114,490	2 781 079,107	34,286	33,824	60	71	76 788	23 403,653	272 949,415	11,663	11,201
11	22	98 848	79 499,712	2 699 964,617	33,962	33,500	61	72	74 960	22 398,567	249 545,762	11,141	10,680
12	23	98 816	77 915,407	2 620 464,905	33,632	33,171	62	73	72 971	21 376,504	227 147,195	10,626	10,164
13	24	98 783	76 362,293	2 542 549,498	33,296	32,834	63	74	70 824	20 340,869	205 770,691	10,116	9,655
14	25	98 752	74 841,420	2 466 187,205	32,952	32,491	64	75	68 543	19 299,817	185 429,822	9,608	9,146
15	26	98 713	73 345,492	2 391 345,786	32,604	32,142	65	76	66 053	18 233,907	166 130,005	9,111	8,649
16	27	98 667	71 873,776	2 318 000,294	32,251	31,789	66	77	63 375	17 151,690	147 896,098	8,623	8,161
17	28	98 613	70 425,408	2 246 126,518	31,894	31,432	67	78	60 514	16 056,304	130 744,408	8,143	7,681
18	29	98 553	69 003,015	2 175 701,110	31,531	31,069	68	79	57 447	14 943,597	114 688,104	7,675	7,213
19	30	98 471	67 593,667	2 106 698,095	31,167	30,705	69	80	54 203	13 823,339	99 744,507	7,216	6,754
20	31	98 391	66 213,987	2 039 104,428	30,796	30,334	70	81	50 731	12 684,232	85 921,168	6,774	6,312
21	32	98 300	64 855,742	1 972 890,441	30,420	29,958	71	82	47 083	11 541,194	73 236,936	6,346	5,884
22	33	98 210	63 526,195	1 908 034,700	30,035	29,574	72	83	43 258	10 395,760	61 695,742	5,935	5,473
23	34	98 119	62 223,020	1 844 508,505	29,644	29,182	73	84	39 272	9 252,628	51 299,982	5,544	5,083
24	35	98 026	60 944,621	1 782 285,485	29,244	28,783	74	85	35 200	8 130,773	42 047,354	5,171	4,710
25	36	97 927	59 689,758	1 721 340,864	28,838	28,377	75	86	31 036	7 028,242	33 916,581	4,826	4,364
26	37	97 824	58 457,416	1 661 651,106	28,425	27,963	76	87	26 922	5 977,250	26 888,338	4,498	4,037
27	38	97 712	57 246,023	1 603 193,691	28,005	27,544	77	88	22 783	4 959,008	20 911,088	4,217	3,755
28	39	97 593	56 054,962	1 545 947,667	27,579	27,118	78	89	18 934	4 040,499	15 952,080	3,948	3,486
29	40	97 464	54 883,165	1 489 892,705	27,147	26,685	79	90	15 382	3 218,028	11 911,581	3,702	3,240
30	41	97 332	53 734,079	1 435 009,539	26,706	26,244	80	91	12 308	2 524,569	8 693,553	3,444	2,982
31	42	97 186	52 601,727	1 381 275,460	26,259	25,798	81	92	9 486	1 907,557	6 168,984	3,234	2,772
32	43	97 022	51 483,349	1 328 673,733	25,808	25,346	82	93	7 117	1 403,177	4 261,427	3,037	2,575
33	44	96 848	50 382,952	1 277 190,384	25,350	24,888	83	94	5 180	1 001,222	2 858,250	2,855	2,393
34	45	96 668	49 303,361	1 226 807,432	24,883	24,421	84	95	3 650	691,692	1 857,028	2,685	2,223
35	46	96 459	48 232,249	1 177 504,071	24,413	23,952	85	96	2 481	460,982	1 165,336	2,528	2,066
36	47	96 226	47 172,317	1 129 271,822	23,939	23,478	86	97	1 620	295,114	704,354	2,387	1,925
37	48	95 972	46 124,998	1 082 099,505	23,460	22,999	87	98	1 014	181,144	409,240	2,259	1,798
38	49	95 699	45 092,214	1 035 974,507	22,975	22,513	88	99	606	106,025	228,096	2,151	1,690
39	50	95 396	44 068,070	990 882,293	22,485	22,024	89	100	347	59,588	122,071	2,049	1,587
40	51	95 062	43 052,448	946 814,223	21,992	21,531							
41	52	94 695	42 045,748	903 761,775	21,495	21,033							
42	53	94 293	41 046,044	861 716,026	20,994	20,532							
43	54	93 855	40 054,223	820 669,983	20,489	20,027							
44	55	93 376	39 068,452	780 615,760	19,981	19,519							
45	56	92 842	38 083,392	741 547,308	19,472	19,010							
46	57	92 267	37 105,385	703 463,916	18,959	18,497							
47	58	91 633	36 127,936	666 358,530	18,444	17,983							
48	59	90 933	35 148,982	630 230,594	17,930	17,469							
49	60	90 179	34 174,014	595 081,612	17,413	16,952							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	3 671 148,321	36,875	36,414	50	62	88 828	33 002,238	545 862,340	16,540	16,079
1	13	99 144	97 199,673	3 571 592,669	36,745	36,283	51	63	87 894	32 014,763	512 860,102	16,019	15,558
2	14	99 099	95 250,508	3 474 392,996	36,476	36,015	52	64	86 889	31 028,029	480 845,340	15,497	15,036
3	15	99 067	93 353,318	3 379 142,489	36,197	35,736	53	65	85 810	30 041,899	449 817,311	14,973	14,511
4	16	99 039	91 496,637	3 285 789,171	35,912	35,450	54	66	84 657	29 057,132	419 775,412	14,447	13,985
5	17	99 009	89 675,241	3 194 292,534	35,621	35,159	55	67	83 423	28 072,175	390 718,279	13,918	13,457
6	18	98 980	87 891,299	3 104 617,294	35,323	34,862	56	68	82 100	27 085,358	362 646,104	13,389	12,927
7	19	98 948	86 140,036	3 016 725,994	35,021	34,560	57	69	80 690	26 098,300	335 560,747	12,858	12,396
8	20	98 917	84 424,688	2 930 585,959	34,712	34,251	58	70	79 170	25 104,397	309 462,446	12,327	11,865
9	21	98 887	82 743,883	2 846 161,270	34,397	33,936	59	71	77 532	24 103,049	284 358,050	11,798	11,336
10	22	98 857	81 096,957	2 763 417,387	34,075	33,614	60	72	75 764	23 091,378	260 255,000	11,271	10,809
11	23	98 825	79 481,443	2 682 320,430	33,748	33,286	61	73	73 800	22 051,945	237 163,622	10,755	10,293
12	24	98 793	77 897,685	2 602 838,987	33,414	32,952	62	74	71 706	21 005,934	215 111,676	10,241	9,779
13	25	98 760	76 344,932	2 524 941,302	33,073	32,611	63	75	69 455	19 947,801	194 105,743	9,731	9,269
14	26	98 730	74 824,742	2 448 596,370	32,724	32,263	64	76	67 016	18 869,795	174 157,942	9,229	8,768
15	27	98 687	73 325,897	2 373 771,628	32,373	31,911	65	77	64 378	17 771,720	155 288,147	8,738	8,276
16	28	98 642	71 855,223	2 300 445,731	32,015	31,553	66	78	61 540	16 655,075	137 516,428	8,257	7,795
17	29	98 587	70 407,116	2 228 590,509	31,653	31,191	67	79	58 502	15 522,302	120 861,352	7,786	7,325
18	30	98 526	68 983,877	2 158 183,393	31,285	30,824	68	80	55 290	14 382,455	105 339,051	7,324	6,863
19	31	98 444	67 575,116	2 089 199,516	30,917	30,455	69	81	51 852	13 223,777	90 956,595	6,878	6,417
20	32	98 358	66 192,400	2 021 624,400	30,542	30,080	70	82	48 220	12 056,416	77 732,818	6,447	5,986
21	33	98 266	64 833,279	1 955 432,000	30,161	29,699	71	83	44 405	10 884,872	65 676,402	6,034	5,572
22	34	98 175	63 503,211	1 890 598,721	29,772	29,310	72	84	40 448	9 720,461	54 791,531	5,637	5,175
23	35	98 080	62 197,769	1 827 095,510	29,376	28,914	73	85	36 366	8 568,065	45 071,070	5,260	4,799
24	36	97 984	60 918,649	1 764 897,741	28,971	28,510	74	86	32 198	7 437,256	36 503,005	4,908	4,447
25	37	97 882	59 661,923	1 703 979,092	28,561	28,099	75	87	28 036	6 348,973	29 065,750	4,578	4,116
26	38	97 772	58 426,626	1 644 317,169	28,143	27,682	76	88	23 835	5 291,890	22 716,777	4,293	3,831
27	39	97 655	57 212,273	1 585 890,542	27,719	27,258	77	89	19 924	4 336,841	17 424,887	4,018	3,556
28	40	97 524	56 015,541	1 528 678,269	27,290	26,829	78	90	16 288	3 475,763	13 088,046	3,766	3,304
29	41	97 395	54 844,045	1 472 662,728	26,852	26,390	79	91	13 102	2 741,127	9 612,283	3,507	3,045
30	42	97 251	53 689,428	1 417 818,683	26,408	25,946	80	92	10 177	2 087,455	6 871,156	3,292	2,830
31	43	97 094	52 551,969	1 364 129,256	25,958	25,496	81	93	7 693	1 547,060	4 783,701	3,092	2,631
32	44	96 920	51 429,006	1 311 577,287	25,503	25,041	82	94	5 645	1 112,883	3 236,641	2,908	2,447
33	45	96 738	50 325,978	1 260 148,282	25,040	24,578	83	95	4 013	775,555	2 123,758	2,738	2,277
34	46	96 537	49 236,675	1 209 822,304	24,572	24,110	84	96	2 758	522,609	1 348,203	2,580	2,118
35	47	96 310	48 157,445	1 160 585,628	24,100	23,638	85	97	1 826	339,287	825,594	2,433	1,972
36	48	96 059	47 090,454	1 112 428,184	23,623	23,162	86	98	1 160	211,315	486,306	2,301	1,840
37	49	95 794	46 039,530	1 065 337,730	23,140	22,678	87	99	706	126,026	274,992	2,182	1,720
38	50	95 499	44 997,878	1 019 298,200	22,652	22,191	88	100	409	71,577	148,966	2,081	1,620
39	51	95 173	43 965,106	974 300,322	22,161	21,699							
40	52	94 825	42 945,214	930 335,216	21,663	21,202							
41	53	94 433	41 929,246	887 390,002	21,164	20,702							
42	54	94 006	40 921,297	845 460,756	20,661	20,199							
43	55	93 556	39 926,604	804 539,458	20,150	19,689							
44	56	93 040	38 927,902	764 612,855	19,642	19,180							
45	57	92 490	37 938,946	725 684,952	19,128	18,666							
46	58	91 886	36 952,278	687 746,006	18,612	18,150							
47	59	91 215	35 963,206	650 793,728	18,096	17,634							
48	60	90 498	34 981,027	614 830,522	17,576	17,115							
49	61	89 686	33 987,155	579 849,495	17,061	16,599							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	3 652 516,514	36,691	36,229	50	63	88 271	32 795,156	530 224,344	16,168	15,706
1	14	99 134	97 190,111	3 552 968,493	36,557	36,095	51	64	87 308	31 801,268	497 429,188	15,642	15,180
2	15	99 086	95 238,716	3 455 778,382	36,285	35,824	52	65	86 263	30 804,757	465 627,920	15,115	14,654
3	16	99 054	93 340,663	3 360 539,666	36,003	35,541	53	66	85 145	29 809,302	434 823,163	14,587	14,125
4	17	99 023	91 481,927	3 267 199,003	35,714	35,253	54	67	83 961	28 818,290	405 013,861	14,054	13,592
5	18	98 991	89 659,499	3 175 717,076	35,420	34,958	55	68	82 670	27 818,974	376 195,572	13,523	13,061
6	19	98 958	87 872,100	3 086 057,576	35,120	34,658	56	69	81 296	26 820,053	348 376,597	12,989	12,528
7	20	98 927	86 121,511	2 998 185,476	34,813	34,352	57	70	79 805	25 812,063	321 556,544	12,458	11,996
8	21	98 896	84 406,876	2 912 063,965	34,500	34,039	58	71	78 224	24 804,444	295 744,481	11,923	11,461
9	22	98 865	82 725,998	2 827 657,090	34,181	33,719	59	72	76 498	23 781,442	270 940,037	11,393	10,931
10	23	98 834	81 078,322	2 744 931,091	33,855	33,394	60	73	74 591	22 734,036	247 158,595	10,872	10,410
11	24	98 803	79 463,365	2 663 852,770	33,523	33,061	61	74	72 521	21 669,666	224 424,559	10,357	9,895
12	25	98 771	77 879,974	2 584 389,405	33,184	32,723	62	75	70 320	20 600,014	202 754,893	9,842	9,381
13	26	98 738	76 327,919	2 506 509,431	32,839	32,377	63	76	67 908	19 503,340	182 154,879	9,340	8,878
14	27	98 703	74 804,752	2 430 181,512	32,487	32,025	64	77	65 317	18 391,489	162 651,539	8,844	8,382
15	28	98 662	73 306,969	2 355 376,760	32,130	31,669	65	78	62 514	17 257,152	144 260,050	8,359	7,898
16	29	98 616	71 836,559	2 282 069,791	31,768	31,306	66	79	59 493	16 101,159	127 002,897	7,888	7,426
17	30	98 560	70 387,588	2 210 233,231	31,401	30,939	67	80	56 305	14 939,429	110 901,738	7,423	6,962
18	31	98 499	68 964,945	2 139 845,643	31,028	30,566	68	81	52 892	13 758,642	95 962,309	6,975	6,513
19	32	98 412	67 553,085	2 070 880,699	30,656	30,194	69	82	49 286	12 569,256	82 203,667	6,540	6,078
20	33	98 324	66 169,474	2 003 327,614	30,276	29,814	70	83	45 478	11 370,794	69 634,411	6,124	5,662
21	34	98 230	64 809,823	1 937 158,140	29,890	29,428	71	84	41 521	10 177,800	58 263,617	5,725	5,263
22	35	98 135	63 477,440	1 872 348,316	29,496	29,035	72	85	37 456	9 001,284	48 085,817	5,342	4,880
23	36	98 038	62 171,263	1 808 870,876	29,095	28,633	73	86	33 264	7 837,248	39 084,532	4,987	4,525
24	37	97 938	60 890,242	1 746 699,613	28,686	28,224	74	87	29 086	6 718,455	31 247,284	4,651	4,189
25	38	97 830	59 630,500	1 685 809,371	28,271	27,809	75	88	24 821	5 620,990	24 528,829	4,364	3,902
26	39	97 715	58 392,180	1 626 178,872	27,849	27,388	76	89	20 845	4 627,958	18 907,839	4,086	3,624
27	40	97 586	57 172,038	1 567 786,692	27,422	26,961	77	90	17 140	3 730,686	14 279,880	3,828	3,366
28	41	97 455	55 975,613	1 510 614,655	26,987	26,525	78	91	13 874	2 960,667	10 549,194	3,563	3,102
29	42	97 314	54 798,471	1 454 639,041	26,545	26,084	79	92	10 834	2 266,517	7 588,527	3,348	2,886
30	43	97 159	53 638,640	1 399 840,570	26,098	25,636	80	93	8 254	1 692,961	5 322,010	3,144	2,682
31	44	96 992	52 496,498	1 346 201,930	25,644	25,182	81	94	6 102	1 227,000	3 629,050	2,958	2,496
32	45	96 810	51 370,848	1 293 705,432	25,184	24,722	82	95	4 373	862,048	2 402,050	2,786	2,325
33	46	96 607	50 257,909	1 242 334,584	24,719	24,258	83	96	3 032	585,972	1 540,001	2,628	2,167
34	47	96 387	49 160,313	1 192 076,675	24,249	23,787	84	97	2 030	384,645	954,029	2,480	2,019
35	48	96 142	48 073,871	1 142 916,362	23,774	23,313	85	98	1 308	242,945	569,384	2,344	1,882
36	49	95 881	47 003,197	1 094 842,490	23,293	22,831	86	99	807	147,016	326,439	2,220	1,759
37	50	95 593	45 943,212	1 047 839,293	22,807	22,346	87	100	476	85,079	179,423	2,109	1,647
38	51	95 276	44 892,742	1 001 896,082	22,318	21,856							
39	52	94 936	43 855,599	957 003,340	21,822	21,360							
40	53	94 562	42 826,220	913 147,741	21,322	20,861							
41	54	94 146	41 801,816	870 321,521	20,820	20,359							
42	55	93 707	40 790,916	828 519,705	20,311	19,850							
43	56	93 219	39 782,967	787 728,790	19,801	19,339							
44	57	92 687	38 780,253	747 945,823	19,287	18,825							
45	58	92 108	37 782,400	709 165,571	18,770	18,308							
46	59	91 467	36 783,789	671 383,171	18,252	17,791							
47	60	90 779	35 791,361	634 599,382	17,731	17,269							
48	61	90 004	34 789,755	598 808,021	17,212	16,751							
49	62	89 176	33 793,922	564 018,266	16,690	16,228							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	3 633 045,803	36,499	36,037	50	64	87 682	32 576,457	514 016,151	15,779	15,317
1	15	99 122	97 178,079	3 533 507,574	36,361	35,900	51	65	86 680	31 572,432	481 439,694	15,249	14,787
2	16	99 073	95 225,805	3 436 329,495	36,086	35,625	52	66	85 596	30 566,253	449 867,262	14,718	14,256
3	17	99 038	93 325,657	3 341 103,689	35,800	35,339	53	67	84 445	29 564,277	419 301,009	14,183	13,721
4	18	99 006	91 465,869	3 247 778,032	35,508	35,046	54	68	83 204	28 558,359	389 736,732	13,647	13,185
5	19	98 970	89 639,914	3 156 312,163	35,211	34,749	55	69	81 861	27 546,484	361 178,373	13,112	12,650
6	20	98 937	87 853,203	3 066 672,249	34,907	34,445	56	70	80 404	26 525,900	333 631,889	12,578	12,116
7	21	98 906	86 103,340	2 978 819,046	34,596	34,134	57	71	78 852	25 503,655	307 105,990	12,042	11,580
8	22	98 875	84 388,631	2 892 715,706	34,279	33,817	58	72	77 180	24 473,479	281 602,335	11,506	11,045
9	23	98 843	82 706,988	2 808 327,074	33,955	33,494	59	73	75 314	23 413,421	257 128,856	10,982	10,521
10	24	98 812	81 059,880	2 725 620,086	33,625	33,163	60	74	73 298	22 339,932	233 715,435	10,462	10,000
11	25	98 780	79 445,298	2 644 560,206	33,288	32,826	61	75	71 119	21 250,920	211 375,503	9,947	9,485
12	26	98 749	77 862,619	2 565 114,908	32,944	32,483	62	76	68 753	20 141,021	190 124,583	9,440	8,978
13	27	98 712	76 307,527	2 487 252,288	32,595	32,134	63	77	66 187	19 008,976	169 983,562	8,942	8,481
14	28	98 678	74 785,442	2 410 944,761	32,238	31,777	64	78	63 426	17 858,977	150 974,586	8,454	7,992
15	29	98 636	73 287,929	2 336 159,319	31,876	31,415	65	79	60 435	16 683,212	133 115,609	7,979	7,517
16	30	98 589	71 816,635	2 262 871,390	31,509	31,047	66	80	57 259	15 496,550	116 432,397	7,513	7,052
17	31	98 533	70 368,270	2 191 054,755	31,137	30,675	67	81	53 863	14 291,459	100 935,846	7,063	6,601
18	32	98 467	68 942,460	2 120 686,485	30,760	30,299	68	82	50 274	13 077,647	86 644,388	6,625	6,164
19	33	98 378	67 529,688	2 051 744,024	30,383	29,921	69	83	46 483	11 854,470	73 566,740	6,206	5,744
20	34	98 289	66 145,535	1 984 214,336	29,998	29,536	70	84	42 524	10 632,157	61 712,270	5,804	5,343
21	35	98 190	64 783,522	1 918 068,801	29,607	29,146	71	85	38 449	9 424,788	51 080,113	5,420	4,958
22	36	98 093	63 450,389	1 853 285,279	29,208	28,747	72	86	34 261	8 233,516	41 655,325	5,059	4,598
23	37	97 992	62 142,272	1 789 834,890	28,802	28,341	73	87	30 049	7 079,789	33 421,809	4,721	4,259
24	38	97 887	60 858,171	1 727 692,619	28,389	27,927	74	88	25 751	5 948,107	26 342,020	4,429	3,967
25	39	97 772	59 595,343	1 666 834,448	27,969	27,508	75	89	21 707	4 915,769	20 393,913	4,149	3,687
26	40	97 646	58 351,115	1 607 239,104	27,544	27,083	76	90	17 932	3 981,114	15 478,144	3,888	3,426
27	41	97 517	57 131,286	1 548 887,990	27,111	26,649	77	91	14 600	3 177,811	11 497,030	3,618	3,156
28	42	97 374	55 929,099	1 491 756,704	26,672	26,211	78	92	11 472	2 448,045	8 319,219	3,398	2,937
29	43	97 222	54 746,634	1 435 827,605	26,227	25,765	79	93	8 786	1 838,183	5 871,174	3,194	2,732
30	44	97 056	53 582,022	1 381 080,971	25,775	25,313	80	94	6 546	1 342,716	4 032,991	3,004	2,542
31	45	96 882	52 437,133	1 327 498,949	25,316	24,854	81	95	4 727	950,444	2 690,275	2,831	2,369
32	46	96 680	51 301,366	1 275 061,815	24,854	24,393	82	96	3 304	651,322	1 739,830	2,671	2,210
33	47	96 458	50 179,963	1 223 760,449	24,387	23,926	83	97	2 231	431,281	1 088,508	2,524	2,062
34	48	96 220	49 075,000	1 173 580,486	23,914	23,452	84	98	1 453	275,423	657,227	2,386	1,925
35	49	95 964	47 984,792	1 124 505,486	23,435	22,973	85	99	910	169,021	381,804	2,259	1,797
36	50	95 681	46 904,863	1 076 520,694	22,951	22,490	86	100	545	99,250	212,783	2,144	1,682
37	51	95 370	45 835,867	1 029 615,831	22,463	22,001							
38	52	95 039	44 780,924	983 779,964	21,969	21,507							
39	53	94 673	43 734,082	938 999,040	21,471	21,009							
40	54	94 275	42 696,063	895 264,958	20,968	20,507							
41	55	93 846	41 668,629	852 568,895	20,461	19,999							
42	56	93 370	40 644,169	810 900,266	19,951	19,490							
43	57	92 865	39 632,074	770 256,098	19,435	18,974							
44	58	92 304	38 620,235	730 624,023	18,918	18,457							
45	59	91 688	37 610,125	692 003,789	18,399	17,938							
46	60	91 030	36 608,023	654 393,664	17,876	17,414							
47	61	90 283	35 595,658	617 785,641	17,356	16,894							
48	62	89 492	34 591,959	582 189,982	16,830	16,369							
49	63	88 616	33 581,872	547 598,023	16,306	15,845							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	3 612 737,965	36,299	35,838	50	65	87 051	32 342,043	497 255,004	15,375	14,913
1	16	99 108	97 164,906	3 513 212,059	36,157	35,696	51	66	86 008	31 327,984	464 912,961	14,840	14,379
2	17	99 057	95 210,497	3 416 047,153	35,879	35,417	52	67	84 892	30 315,006	433 584,977	14,303	13,841
3	18	99 021	93 309,275	3 320 836,656	35,590	35,128	53	68	83 684	29 297,618	403 269,971	13,765	13,303
4	19	98 984	91 445,889	3 227 527,381	35,294	34,833	54	69	82 389	28 278,626	373 972,354	13,225	12,763
5	20	98 948	89 620,637	3 136 081,492	34,993	34,531	55	70	80 963	27 244,363	345 693,727	12,689	12,227
6	21	98 916	87 834,667	3 046 460,855	34,684	34,222	56	71	79 444	26 208,963	318 449,364	12,150	11,689
7	22	98 884	86 084,729	2 958 626,188	34,369	33,907	57	72	77 800	25 163,360	292 240,402	11,614	11,152
8	23	98 852	84 369,239	2 872 541,459	34,047	33,586	58	73	75 986	24 094,748	267 077,042	11,084	10,623
9	24	98 820	82 688,176	2 788 172,220	33,719	33,258	59	74	74 008	23 007,540	242 982,294	10,561	10,099
10	25	98 789	81 041,451	2 705 484,044	33,384	32,922	60	75	71 882	21 908,234	219 974,754	10,041	9,579
11	26	98 758	79 427,595	2 624 442,593	33,042	32,580	61	76	69 535	20 777,425	198 066,520	9,533	9,071
12	27	98 722	77 841,818	2 545 014,999	32,695	32,233	62	77	67 010	19 630,493	177 289,096	9,031	8,570
13	28	98 686	76 287,830	2 467 173,181	32,340	31,879	63	78	64 270	18 458,585	157 658,603	8,541	8,080
14	29	98 652	74 766,018	2 390 885,351	31,978	31,517	64	79	61 317	17 265,021	139 200,018	8,063	7,601
15	30	98 609	73 267,602	2 316 119,333	31,612	31,150	65	80	58 166	16 056,747	121 934,997	7,594	7,132
16	31	98 562	71 796,925	2 242 851,731	31,239	30,777	66	81	54 776	14 824,415	105 878,250	7,142	6,681
17	32	98 500	70 345,329	2 171 054,806	30,863	30,401	67	82	51 197	13 584,092	91 053,834	6,703	6,241
18	33	98 433	68 918,583	2 100 709,477	30,481	30,019	68	83	47 415	12 333,950	77 469,742	6,281	5,819
19	34	98 342	67 505,257	2 031 790,894	30,098	29,637	69	84	43 463	11 084,414	65 135,792	5,876	5,415
20	35	98 249	66 118,691	1 964 285,638	29,708	29,247	70	85	39 378	9 845,529	54 051,378	5,490	5,028
21	36	98 148	64 755,914	1 898 166,946	29,313	28,851	71	86	35 169	8 620,896	44 205,849	5,128	4,666
22	37	98 047	63 420,801	1 833 411,032	28,909	28,447	72	87	30 950	7 437,758	35 584,953	4,784	4,323
23	38	97 940	62 109,541	1 769 990,231	28,498	28,036	73	88	26 604	6 268,010	28 147,195	4,491	4,029
24	39	97 829	60 822,291	1 707 880,690	28,080	27,618	74	89	22 520	5 201,845	21 879,185	4,206	3,744
25	40	97 704	59 553,432	1 647 058,399	27,657	27,195	75	90	18 673	4 228,698	16 677,339	3,944	3,482
26	41	97 576	58 309,522	1 587 504,967	27,225	26,764	76	91	15 274	3 391,127	12 448,641	3,671	3,209
27	42	97 436	57 083,811	1 529 195,445	26,789	26,327	77	92	12 072	2 627,592	9 057,515	3,447	2,985
28	43	97 282	55 876,193	1 472 111,634	26,346	25,884	78	93	9 304	1 985,405	6 429,923	3,239	2,777
29	44	97 119	54 688,847	1 416 235,441	25,896	25,435	79	94	6 969	1 457,894	4 444,518	3,049	2,587
30	45	96 947	53 521,430	1 361 546,594	25,439	24,978	80	95	5 071	1 040,079	2 986,623	2,872	2,410
31	46	96 751	52 366,209	1 308 025,164	24,978	24,517	81	96	3 571	718,110	1 946,545	2,711	2,249
32	47	96 530	51 221,802	1 255 658,955	24,514	24,053	82	97	2 432	479,379	1 228,435	2,563	2,101
33	48	96 290	50 092,880	1 204 437,153	24,044	23,582	83	98	1 598	308,817	749,055	2,426	1,964
34	49	96 042	48 984,066	1 154 344,273	23,566	23,104	84	99	1 011	191,617	440,239	2,297	1,836
35	50	95 764	47 884,405	1 105 360,207	23,084	22,622	85	100	614	114,106	248,622	2,179	1,717
36	51	95 457	46 795,272	1 057 475,803	22,598	22,136							
37	52	95 132	45 721,700	1 010 680,531	22,105	21,643							
38	53	94 775	44 656,843	964 958,831	21,608	21,147							
39	54	94 385	43 601,166	920 301,988	21,107	20,646							
40	55	93 974	42 560,027	876 700,822	20,599	20,138							
41	56	93 508	41 518,724	834 140,795	20,091	19,629							
42	57	93 015	40 490,010	792 622,071	19,576	19,114							
43	58	92 482	39 468,541	752 132,061	19,056	18,595							
44	59	91 884	38 444,140	712 663,520	18,538	18,076							
45	60	91 250	37 430,411	674 219,380	18,013	17,551							
46	61	90 532	36 407,855	636 788,969	17,490	17,029							
47	62	89 770	35 393,280	600 381,114	16,963	16,502							
48	63	88 930	34 374,902	564 987,834	16,436	15,974							
49	64	88 025	33 357,927	530 612,931	15,907	15,445							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	3 591 595,973	36,092	35,630	50	66	86 377	32 091,637	479 963,479	14,956	14,494
1	17	99 092	97 149,285	3 492 083,559	35,946	35,484	51	67	85 301	31 070,476	447 871,842	14,415	13,953
2	18	99 040	95 193,784	3 394 934,274	35,663	35,202	52	68	84 126	30 041,576	416 801,366	13,874	13,413
3	19	98 999	93 288,893	3 299 740,490	35,371	34,910	53	69	82 864	29 010,643	386 759,790	13,332	12,870
4	20	98 963	91 426,223	3 206 451,597	35,071	34,610	54	70	81 485	27 968,476	357 749,147	12,791	12,330
5	21	98 928	89 601,728	3 115 025,374	34,765	34,304	55	71	79 996	26 918,842	329 780,671	12,251	11,789
6	22	98 895	87 815,682	3 025 423,646	34,452	33,990	56	72	78 384	25 859,256	302 861,829	11,712	11,250
7	23	98 862	86 064,948	2 937 607,964	34,132	33,671	57	73	76 596	24 773,953	277 002,573	11,181	10,720
8	24	98 830	84 350,049	2 851 543,017	33,806	33,344	58	74	74 669	23 677,056	252 228,620	10,653	10,191
9	25	98 798	82 669,377	2 767 192,968	33,473	33,011	59	75	72 578	22 562,941	228 551,564	10,130	9,668
10	26	98 767	81 023,391	2 684 523,591	33,133	32,671	60	76	70 280	21 420,093	205 988,623	9,617	9,155
11	27	98 732	79 406,375	2 603 500,200	32,787	32,325	61	77	67 772	20 250,765	184 568,531	9,114	8,653
12	28	98 697	77 821,724	2 524 093,825	32,434	31,973	62	78	65 070	19 062,106	164 317,766	8,620	8,159
13	29	98 661	76 268,016	2 446 272,101	32,075	31,613	63	79	62 133	17 844,687	145 255,659	8,140	7,678
14	30	98 625	74 745,281	2 370 004,085	31,708	31,246	64	80	59 014	16 616,709	127 410,972	7,668	7,206
15	31	98 581	73 247,494	2 295 258,805	31,336	30,874	65	81	55 643	15 360,314	110 794,263	7,213	6,751
16	32	98 530	71 773,518	2 222 011,310	30,959	30,497	66	82	52 065	14 090,669	95 433,949	6,773	6,311
17	33	98 466	70 320,965	2 150 237,793	30,577	30,116	67	83	48 285	12 811,594	81 343,279	6,349	5,888
18	34	98 397	68 893,648	2 079 916,828	30,190	29,729	68	84	44 335	11 532,748	68 531,685	5,942	5,481
19	35	98 303	67 477,862	2 011 023,179	29,803	29,341	69	85	40 248	10 264,325	56 998,937	5,553	5,092
20	36	98 207	66 090,515	1 943 545,318	29,407	28,946	70	86	36 019	9 005,750	46 734,612	5,189	4,728
21	37	98 103	64 725,717	1 877 454,803	29,006	28,545	71	87	31 770	7 787,699	37 728,862	4,845	4,383
22	38	97 996	63 387,397	1 812 729,086	28,598	28,136	72	88	27 401	6 584,934	29 941,163	4,547	4,085
23	39	97 883	62 072,924	1 749 341,688	28,182	27,720	73	89	23 266	5 481,613	23 356,230	4,261	3,799
24	40	97 760	60 779,517	1 687 268,765	27,760	27,299	74	90	19 372	4 474,790	17 874,617	3,995	3,533
25	41	97 634	59 510,983	1 626 489,248	27,331	26,869	75	91	15 906	3 602,019	13 399,827	3,720	3,258
26	42	97 495	58 261,068	1 566 978,265	26,896	26,434	76	92	12 630	2 803,973	9 797,808	3,494	3,033
27	43	97 343	57 029,813	1 508 717,197	26,455	25,993	77	93	9 790	2 131,021	6 993,835	3,282	2,820
28	44	97 179	55 817,213	1 451 687,384	26,008	25,546	78	94	7 379	1 574,659	4 862,814	3,088	2,627
29	45	97 009	54 627,003	1 395 870,171	25,553	25,091	79	95	5 398	1 129,297	3 288,155	2,912	2,450
30	46	96 816	53 449,039	1 341 243,168	25,094	24,632	80	96	3 831	785,833	2 158,858	2,747	2,286
31	47	96 601	52 284,993	1 287 794,129	24,630	24,169	81	97	2 628	528,536	1 373,025	2,598	2,136
32	48	96 362	51 132,911	1 235 509,136	24,163	23,701	82	98	1 741	343,257	844,490	2,460	1,999
33	49	96 112	50 000,060	1 184 376,225	23,687	23,226	83	99	1 112	214,850	501,232	2,333	1,871
34	50	95 841	48 881,588	1 134 376,165	23,207	22,745	84	100	683	129,360	286,383	2,214	1,752
35	51	95 540	47 772,525	1 085 494,578	22,722	22,261							
36	52	95 219	46 678,714	1 037 722,053	22,231	21,770							
37	53	94 869	45 595,012	991 043,338	21,736	21,274							
38	54	94 487	44 521,123	945 448,326	21,236	20,774							
39	55	94 085	43 462,246	900 927,203	20,729	20,267							
40	56	93 636	42 406,916	857 464,957	20,220	19,758							
41	57	93 154	41 361,248	815 058,041	19,706	19,244							
42	58	92 632	40 322,937	773 696,793	19,188	18,726							
43	59	92 061	39 288,579	733 373,856	18,666	18,205							
44	60	91 444	38 260,440	694 085,278	18,141	17,679							
45	61	90 751	37 225,746	655 824,837	17,618	17,156							
46	62	90 017	36 200,859	618 599,091	17,088	16,626							
47	63	89 206	35 171,195	582 398,232	16,559	16,097							
48	64	88 337	34 145,669	547 227,037	16,026	15,565							
49	65	87 392	33 117,890	513 081,368	15,493	15,031							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	3 569 621,985	35,877	35,415	50	67	85 667	31 827,851	462 165,426	14,521	14,059
1	18	99 075	97 132,232	3 470 125,568	35,726	35,264	51	68	84 532	30 790,232	430 337,575	13,976	13,515
2	19	99 018	95 172,990	3 372 993,336	35,441	34,979	52	69	83 302	29 747,314	399 547,343	13,431	12,970
3	20	98 978	93 268,831	3 277 820,347	35,144	34,682	53	70	81 955	28 692,465	369 800,029	12,888	12,427
4	21	98 942	91 406,933	3 184 551,516	34,839	34,378	54	71	80 511	27 634,303	341 107,564	12,344	11,882
5	22	98 906	89 582,361	3 093 144,583	34,529	34,067	55	72	78 928	26 559,664	313 473,262	11,803	11,341
6	23	98 872	87 795,502	3 003 562,222	34,211	33,749	56	73	77 171	25 459,081	286 913,598	11,270	10,808
7	24	98 839	86 045,372	2 915 766,720	33,886	33,425	57	74	75 268	24 344,487	261 454,517	10,740	10,278
8	25	98 807	84 330,872	2 829 721,348	33,555	33,093	58	75	73 226	23 219,519	237 110,031	10,212	9,750
9	26	98 776	82 650,954	2 745 390,476	33,217	32,755	59	76	70 961	22 060,212	213 890,512	9,696	9,234
10	27	98 741	81 001,745	2 662 739,522	32,873	32,411	60	77	68 499	20 877,143	191 830,300	9,189	8,727
11	28	98 706	79 385,878	2 581 737,777	32,521	32,060	61	78	65 810	19 664,419	170 953,157	8,694	8,232
12	29	98 671	77 801,511	2 502 351,900	32,163	31,702	62	79	62 906	18 428,137	151 288,738	8,210	7,748
13	30	98 633	76 246,862	2 424 550,388	31,799	31,337	63	80	59 800	17 174,608	132 860,602	7,736	7,274
14	31	98 598	74 724,768	2 348 303,526	31,426	30,964	64	81	56 454	15 895,989	115 685,994	7,278	6,816
15	32	98 549	73 223,614	2 273 578,759	31,050	30,588	65	82	52 889	14 600,044	99 790,005	6,835	6,373
16	33	98 496	71 748,660	2 200 355,145	30,668	30,206	66	83	49 104	13 289,364	85 189,961	6,410	5,949
17	34	98 431	70 295,523	2 128 606,485	30,281	29,819	67	84	45 149	11 979,365	71 900,597	6,002	5,540
18	35	98 357	68 865,690	2 058 310,962	29,889	29,427	68	85	41 055	10 679,488	59 921,233	5,611	5,149
19	36	98 261	67 449,106	1 989 445,272	29,496	29,034	69	86	36 815	9 388,825	49 241,744	5,245	4,783
20	37	98 161	66 059,695	1 921 996,167	29,095	28,633	70	87	32 538	8 135,357	39 852,919	4,899	4,437
21	38	98 051	64 691,626	1 855 936,471	28,689	28,227	71	88	28 127	6 894,749	31 717,562	4,600	4,139
22	39	97 938	63 350,026	1 791 244,845	28,275	27,814	72	89	23 963	5 758,774	24 822,813	4,310	3,849
23	40	97 814	62 029,270	1 727 894,819	27,856	27,395	73	90	20 014	4 715,454	19 064,038	4,043	3,581
24	41	97 690	60 736,194	1 665 865,549	27,428	26,966	74	91	16 502	3 811,641	14 348,584	3,764	3,303
25	42	97 553	59 461,530	1 605 129,355	26,994	26,533	75	92	13 152	2 978,351	10 536,942	3,538	3,076
26	43	97 403	58 205,957	1 545 667,825	26,555	26,094	76	93	10 243	2 274,069	7 558,592	3,324	2,862
27	44	97 241	56 969,615	1 487 461,868	26,110	25,648	77	94	7 765	1 690,149	5 284,523	3,127	2,665
28	45	97 069	55 754,094	1 430 492,253	25,657	25,196	78	95	5 716	1 219,744	3 594,374	2,947	2,485
29	46	96 878	54 553,117	1 374 738,160	25,200	24,738	79	96	4 078	853,242	2 374,630	2,783	2,321
30	47	96 665	53 366,144	1 320 185,043	24,738	24,277	80	97	2 820	578,381	1 521,388	2,630	2,169
31	48	96 434	52 194,257	1 266 818,899	24,271	23,810	81	98	1 882	378,455	943,007	2,492	2,030
32	49	96 183	51 038,164	1 214 624,642	23,798	23,337	82	99	1 211	238,811	564,552	2,364	1,902
33	50	95 911	49 895,456	1 163 586,478	23,320	22,859	83	100	750	145,044	325,741	2,246	1,784
34	51	95 617	48 767,378	1 113 691,022	22,837	22,375							
35	52	95 302	47 653,533	1 064 923,645	22,347	21,886							
36	53	94 955	46 549,375	1 017 270,111	21,854	21,392							
37	54	94 581	45 456,441	970 720,736	21,355	20,893							
38	55	94 186	44 379,272	925 264,295	20,849	20,387							
39	56	93 746	43 305,889	880 885,023	20,341	19,879							
40	57	93 281	42 246,071	837 579,134	19,826	19,365							
41	58	92 769	41 190,580	795 333,063	19,309	18,847							
42	59	92 209	40 139,079	754 142,483	18,788	18,327							
43	60	91 621	39 100,844	714 003,404	18,261	17,799							
44	61	90 944	38 051,237	674 902,560	17,737	17,275							
45	62	90 235	37 014,100	636 851,323	17,206	16,744							
46	63	89 453	35 973,707	599 837,223	16,674	16,213							
47	64	88 611	34 936,651	563 863,517	16,140	15,678							
48	65	87 702	33 899,963	528 926,865	15,603	15,141							
49	66	86 715	32 861,477	495 026,902	15,064	14,602							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	3 546 819,740	35,654	35,192	50	68	84 895	31 540,776	443 882,700	14,073	13,612
1	19	99 053	97 111,015	3 447 340,788	35,499	35,037	51	69	83 704	30 488,637	412 341,925	13,524	13,063
2	20	98 997	95 152,522	3 350 229,774	35,209	34,747	52	70	82 389	29 421,056	381 853,288	12,979	12,517
3	21	98 957	93 249,152	3 255 077,252	34,907	34,446	53	71	80 976	28 349,641	352 432,232	12,432	11,970
4	22	98 920	91 387,176	3 161 828,100	34,598	34,137	54	72	79 437	27 265,578	324 082,591	11,886	11,425
5	23	98 883	89 561,775	3 070 440,924	34,283	33,821	55	73	77 707	26 148,649	296 817,013	11,351	10,890
6	24	98 850	87 775,533	2 980 879,148	33,960	33,499	56	74	75 833	25 017,737	270 668,364	10,819	10,357
7	25	98 817	86 025,809	2 893 103,616	33,631	33,169	57	75	73 814	23 874,052	245 650,627	10,289	9,828
8	26	98 785	84 312,079	2 807 077,807	33,294	32,832	58	76	71 594	22 702,161	221 776,574	9,769	9,307
9	27	98 749	82 628,873	2 722 765,728	32,952	32,490	59	77	69 162	21 501,037	199 074,414	9,259	8,797
10	28	98 715	80 980,836	2 640 136,854	32,602	32,140	60	78	66 515	20 272,660	177 573,377	8,759	8,298
11	29	98 681	79 365,258	2 559 156,018	32,245	31,784	61	79	63 621	19 010,417	157 300,717	8,274	7,813
12	30	98 644	77 779,932	2 479 790,760	31,882	31,421	62	80	60 544	17 736,148	138 290,299	7,797	7,335
13	31	98 606	76 225,937	2 402 010,828	31,512	31,050	63	81	57 206	16 429,690	120 554,151	7,338	6,876
14	32	98 566	74 700,405	2 325 784,891	31,135	30,673	64	82	53 660	15 109,205	104 124,640	6,891	6,430
15	33	98 515	73 198,253	2 251 084,486	30,753	30,292	65	83	49 881	13 769,771	89 015,256	6,465	6,003
16	34	98 460	71 722,701	2 177 886,233	30,365	29,904	66	84	45 914	12 426,099	75 245,485	6,055	5,594
17	35	98 391	70 266,996	2 106 163,531	29,974	29,512	67	85	41 808	11 093,062	62 819,386	5,663	5,201
18	36	98 315	68 836,342	2 035 896,535	29,576	29,114	68	86	37 553	9 768,577	51 726,324	5,295	4,834
19	37	98 215	67 417,653	1 967 060,193	29,177	28,716	69	87	33 257	8 481,408	41 957,747	4,947	4,485
20	38	98 110	66 024,902	1 899 642,540	28,772	28,310	70	88	28 807	7 202,545	33 476,339	4,648	4,186
21	39	97 993	64 653,486	1 833 617,638	28,361	27,899	71	89	24 599	6 029,720	26 273,794	4,357	3,896
22	40	97 869	63 305,475	1 768 964,152	27,943	27,482	72	90	20 614	4 953,878	20 244,074	4,087	3,625
23	41	97 744	61 985,056	1 705 658,677	27,517	27,056	73	91	17 048	4 016,640	15 290,196	3,807	3,345
24	42	97 609	60 685,723	1 643 673,621	27,085	26,623	74	92	13 644	3 151,678	11 273,556	3,577	3,115
25	43	97 461	59 405,283	1 582 987,898	26,647	26,186	75	93	10 666	2 415,492	8 121,878	3,362	2,901
26	44	97 300	58 144,517	1 523 582,615	26,203	25,742	76	94	8 124	1 803,603	5 706,386	3,164	2,702
27	45	97 131	56 905,192	1 465 438,098	25,752	25,291	77	95	6 015	1 309,203	3 902,784	2,981	2,519
28	46	96 938	55 678,683	1 408 532,905	25,298	24,836	78	96	4 319	921,579	2 593,580	2,814	2,353
29	47	96 728	54 468,509	1 352 854,223	24,837	24,376	79	97	3 002	627,995	1 672,001	2,662	2,201
30	48	96 498	53 273,532	1 298 385,713	24,372	23,910	80	98	2 019	414,147	1 044,007	2,521	2,059
31	49	96 255	52 097,543	1 245 112,182	23,900	23,438	81	99	1 309	263,299	629,860	2,392	1,931
32	50	95 982	50 931,388	1 193 014,639	23,424	22,962	82	100	818	161,220	366,561	2,274	1,812
33	51	95 687	49 778,877	1 142 083,251	22,943	22,482							
34	52	95 379	48 645,908	1 092 304,374	22,454	21,993							
35	53	95 038	47 521,493	1 043 658,465	21,962	21,500							
36	54	94 667	46 407,903	996 136,972	21,465	21,003							
37	55	94 279	45 311,610	949 729,069	20,960	20,498							
38	56	93 847	44 219,616	904 417,459	20,453	19,991							
39	57	93 391	43 141,635	860 197,843	19,939	19,477							
40	58	92 896	42 071,752	817 056,209	19,421	18,959							
41	59	92 346	41 002,766	774 984,457	18,901	18,439							
42	60	91 769	39 947,280	733 981,691	18,374	17,912							
43	61	91 120	38 887,045	694 034,411	17,847	17,386							
44	62	90 427	37 834,898	655 147,366	17,316	16,854							
45	63	89 669	36 781,845	617 312,468	16,783	16,321							
46	64	88 856	35 733,811	580 530,623	16,246	15,784							
47	65	87 974	34 685,254	544 796,812	15,707	15,245							
48	66	87 023	33 637,495	510 111,558	15,165	14,703							
49	67	86 002	32 591,363	476 474,063	14,620	14,158							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	3 523 192,006	35,424	34,963	50	69	84 063	31 231,829	425 147,777	13,613	13,151
1	20	99 032	97 090,130	3 423 734,785	35,263	34,802	51	70	82 786	30 154,248	393 915,947	13,063	12,602
2	21	98 976	95 132,446	3 326 644,654	34,969	34,507	52	71	81 404	29 069,527	363 761,699	12,514	12,052
3	22	98 935	93 228,996	3 231 512,208	34,662	34,200	53	72	79 896	27 971,372	334 692,173	11,966	11,504
4	23	98 898	91 366,176	3 138 283,212	34,348	33,887	54	73	78 208	26 843,640	306 720,801	11,426	10,965
5	24	98 861	89 541,404	3 046 917,036	34,028	33,566	55	74	76 360	25 695,352	279 877,161	10,892	10,431
6	25	98 827	87 755,577	2 957 375,632	33,700	33,239	56	75	74 367	24 534,293	254 181,810	10,360	9,899
7	26	98 795	86 006,639	2 869 620,056	33,365	32,903	57	76	72 169	23 342,110	229 647,517	9,838	9,377
8	27	98 759	84 289,554	2 783 613,417	33,024	32,563	58	77	69 779	22 126,714	206 305,407	9,324	8,862
9	28	98 724	82 607,544	2 699 323,862	32,676	32,215	59	78	67 160	20 878,490	184 178,693	8,821	8,360
10	29	98 690	80 959,803	2 616 716,318	32,321	31,860	60	79	64 303	19 598,430	163 300,203	8,332	7,871
11	30	98 653	79 343,246	2 535 756,516	31,959	31,498	61	80	61 232	18 296,564	143 701,773	7,854	7,392
12	31	98 617	77 758,586	2 456 413,270	31,590	31,129	62	81	57 918	16 966,875	125 405,209	7,391	6,930
13	32	98 574	76 201,085	2 378 654,684	31,215	30,754	63	82	54 374	15 616,490	108 438,334	6,944	6,482
14	33	98 531	74 674,533	2 302 453,599	30,833	30,372	64	83	50 609	14 249,977	92 821,844	6,514	6,052
15	34	98 480	73 171,771	2 227 779,065	30,446	29,984	65	84	46 641	12 875,299	78 571,867	6,103	5,641
16	35	98 420	71 693,595	2 154 607,295	30,053	29,591	66	85	42 517	11 506,744	65 696,568	5,709	5,248
17	36	98 349	70 237,051	2 082 913,700	29,655	29,194	67	86	38 242	10 146,874	54 189,824	5,341	4,879
18	37	98 269	68 804,243	2 012 676,649	29,252	28,791	68	87	33 923	8 824,458	44 042,949	4,991	4,529
19	38	98 163	67 382,144	1 943 872,406	28,848	28,387	69	88	29 443	7 508,917	35 218,491	4,690	4,229
20	39	98 052	65 985,976	1 876 490,261	28,438	27,976	70	89	25 193	6 298,899	27 709,574	4,399	3,938
21	40	97 924	64 608,018	1 810 504,286	28,023	27,561	71	90	21 160	5 186,954	21 410,676	4,128	3,666
22	41	97 799	63 260,351	1 745 896,268	27,599	27,137	72	91	17 559	4 219,730	16 223,722	3,845	3,383
23	42	97 663	61 933,548	1 682 635,917	27,168	26,707	73	92	14 096	3 321,182	12 003,992	3,614	3,153
24	43	97 517	60 628,318	1 620 702,369	26,732	26,270	74	93	11 066	2 556,063	8 682,810	3,397	2,935
25	44	97 358	59 342,578	1 560 074,052	26,289	25,828	75	94	8 460	1 915,768	6 126,747	3,198	2,736
26	45	97 190	58 078,766	1 500 731,474	25,840	25,378	76	95	6 293	1 397,086	4 210,979	3,014	2,553
27	46	96 999	56 828,224	1 442 652,708	25,386	24,925	77	96	4 544	989,171	2 813,893	2,845	2,383
28	47	96 788	55 592,330	1 385 824,483	24,928	24,467	78	97	3 179	678,291	1 824,722	2,690	2,229
29	48	96 560	54 373,984	1 330 232,154	24,464	24,003	79	98	2 149	449,672	1 146,431	2,549	2,088
30	49	96 319	53 174,818	1 275 858,170	23,994	23,532	80	99	1 405	288,130	696,759	2,418	1,957
31	50	96 053	51 988,551	1 222 683,352	23,518	23,057	81	100	884	177,752	408,629	2,299	1,837
32	51	95 758	50 812,389	1 170 694,801	23,040	22,578							
33	52	95 448	49 654,888	1 119 882,412	22,553	22,092							
34	53	95 115	48 511,119	1 070 227,524	22,061	21,600							
35	54	94 749	47 377,067	1 021 716,405	21,566	21,104							
36	55	94 365	46 260,041	974 339,338	21,062	20,601							
37	56	93 940	45 148,600	928 079,298	20,556	20,094							
38	57	93 491	44 051,895	882 930,698	20,043	19,581							
39	58	93 005	42 963,620	838 878,803	19,525	19,064							
40	59	92 473	41 879,920	795 915,182	19,005	18,543							
41	60	91 905	40 806,840	754 035,263	18,478	18,017							
42	61	91 267	39 728,853	713 228,422	17,952	17,491							
43	62	90 602	38 665,954	673 499,569	17,418	16,957							
44	63	89 860	37 597,492	634 833,615	16,885	16,423							
45	64	89 071	36 536,560	597 236,123	16,346	15,885							
46	65	88 217	35 476,677	560 699,563	15,805	15,343							
47	66	87 293	34 416,705	525 222,885	15,261	14,799							
48	67	86 307	33 361,003	490 806,180	14,712	14,250							
49	68	85 227	32 297,401	457 445,178	14,164	13,702							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	3 498 744,271	35,186	34,724	50	70	83 141	30 889,289	405 992,169	13,143	12,682
1	21	99 011	97 069,645	3 399 308,439	35,019	34,558	51	71	81 797	29 793,959	375 102,880	12,590	12,128
2	22	98 954	95 111,884	3 302 238,793	34,720	34,258	52	72	80 318	28 681,652	345 308,921	12,039	11,578
3	23	98 913	93 207,573	3 207 126,910	34,408	33,947	53	73	78 659	27 538,511	316 627,269	11,498	11,036
4	24	98 875	91 345,394	3 113 919,337	34,090	33,628	54	74	76 852	26 378,294	289 088,759	10,959	10,498
5	25	98 838	89 521,046	3 022 573,943	33,764	33,302	55	75	74 884	25 198,813	262 710,465	10,426	9,964
6	26	98 805	87 736,021	2 933 052,897	33,430	32,969	56	76	72 711	23 987,640	237 511,652	9,901	9,440
7	27	98 768	85 983,661	2 845 316,876	33,091	32,630	57	77	70 340	22 750,442	213 524,012	9,385	8,924
8	28	98 733	84 267,797	2 759 333,214	32,745	32,283	58	78	67 759	21 486,050	190 773,570	8,879	8,417
9	29	98 698	82 586,088	2 675 065,418	32,391	31,930	59	79	64 926	20 184,111	169 287,519	8,387	7,926
10	30	98 662	80 937,348	2 592 479,330	32,031	31,569	60	80	61 888	18 862,497	149 103,408	7,905	7,443
11	31	98 626	79 321,471	2 511 541,982	31,663	31,201	61	81	58 576	17 502,984	130 524,912	7,441	6,979
12	32	98 585	77 733,235	2 432 220,511	31,289	30,828	62	82	55 051	16 127,086	112 737,928	6,991	6,529
13	33	98 540	76 174,693	2 354 487,276	30,909	30,447	63	83	51 282	14 728,414	96 610,842	6,559	6,098
14	34	98 496	74 647,517	2 278 312,583	30,521	30,059	64	84	47 321	13 324,312	81 882,428	6,145	5,684
15	35	98 440	73 142,076	2 203 665,066	30,129	29,667	65	85	43 190	11 922,710	68 558,116	5,750	5,289
16	36	98 378	71 663,042	2 130 522,990	29,730	29,268	66	86	38 891	10 525,271	56 635,406	5,381	4,919
17	37	98 303	70 204,299	2 058 859,948	29,327	28,865	67	87	34 546	9 166,193	46 110,135	5,030	4,569
18	38	98 218	68 768,004	1 988 655,650	28,918	28,457	68	88	30 034	7 812,632	36 943,941	4,729	4,267
19	39	98 105	67 342,418	1 919 887,646	28,509	28,048	69	89	25 749	6 566,833	29 131,309	4,436	3,975
20	40	97 983	65 939,570	1 852 545,228	28,095	27,633	70	90	21 672	5 418,509	22 564,476	4,164	3,703
21	41	97 854	64 561,966	1 786 605,658	27,673	27,211	71	91	18 025	4 418,265	17 145,967	3,881	3,419
22	42	97 718	63 207,783	1 722 043,692	27,244	26,783	72	92	14 519	3 489,108	12 727,702	3,648	3,186
23	43	97 571	61 874,962	1 658 835,909	26,809	26,348	73	93	11 432	2 693,534	9 238,594	3,430	2,968
24	44	97 414	60 564,322	1 596 960,947	26,368	25,906	74	94	8 777	2 027,257	6 545,060	3,229	2,767
25	45	97 248	59 275,472	1 536 396,626	25,920	25,458	75	95	6 553	1 483,970	4 517,802	3,044	2,583
26	46	97 059	58 000,211	1 477 121,154	25,468	25,006	76	96	4 754	1 055,570	3 033,833	2,874	2,413
27	47	96 849	56 740,089	1 419 120,943	25,011	24,549	77	97	3 345	728,039	1 978,262	2,717	2,256
28	48	96 620	55 495,854	1 362 380,854	24,549	24,088	78	98	2 276	485,687	1 250,223	2,574	2,113
29	49	96 381	54 273,231	1 306 885,000	24,080	23,618	79	99	1 495	312,846	764,536	2,444	1,982
30	50	96 117	53 063,572	1 252 611,770	23,606	23,144	80	100	948	194,515	451,690	2,322	1,861
31	51	95 829	51 867,082	1 199 548,197	23,127	22,666							
32	52	95 519	50 685,826	1 147 681,115	22,643	22,181							
33	53	95 184	49 517,303	1 096 995,289	22,154	21,692							
34	54	94 826	48 363,684	1 047 477,987	21,658	21,197							
35	55	94 447	47 226,116	999 114,302	21,156	20,694							
36	56	94 026	46 093,618	951 888,186	20,651	20,190							
37	57	93 584	44 977,356	905 794,567	20,139	19,677							
38	58	93 106	43 870,125	860 817,212	19,622	19,160							
39	59	92 581	42 767,721	816 947,086	19,102	18,640							
40	60	92 031	41 679,803	774 179,365	18,574	18,113							
41	61	91 403	40 583,713	732 499,563	18,049	17,587							
42	62	90 748	39 502,976	691 915,849	17,516	17,054							
43	63	90 033	38 423,334	652 412,873	16,980	16,518							
44	64	89 261	37 346,768	613 989,539	16,440	15,979							
45	65	88 430	36 273,650	576 642,771	15,897	15,435							
46	66	87 534	35 202,002	540 369,121	15,351	14,889							
47	67	86 575	34 133,808	505 167,120	14,800	14,338							
48	68	85 529	33 060,099	471 033,311	14,248	13,786							
49	69	84 392	31 981,043	437 973,213	13,695	13,233							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	3 473 477,114	34,939	34,478	50	71	82 148	30 520,218	386 459,747	12,662	12,201
1	22	98 990	97 048,664	3 374 062,261	34,767	34,305	51	72	80 706	29 396,418	355 939,529	12,108	11,647
2	23	98 932	95 090,027	3 277 013,597	34,462	34,001	52	73	79 075	28 237,799	326 543,111	11,564	11,102
3	24	98 890	93 186,372	3 181 923,569	34,146	33,684	53	74	77 296	27 061,119	298 305,312	11,023	10,562
4	25	98 853	91 324,626	3 088 737,197	33,822	33,360	54	75	75 367	25 868,558	271 244,193	10,485	10,024
5	26	98 816	89 501,097	2 997 412,571	33,490	33,029	55	76	73 216	24 637,354	245 375,635	9,959	9,498
6	27	98 779	87 712,582	2 907 911,474	33,153	32,691	56	77	70 867	23 379,609	220 738,281	9,441	8,980
7	28	98 743	85 961,466	2 820 198,892	32,808	32,346	57	78	68 303	22 091,719	197 358,672	8,934	8,472
8	29	98 708	84 245,909	2 734 237,426	32,455	31,994	58	79	65 505	20 771,465	175 266,952	8,438	7,976
9	30	98 671	82 563,182	2 649 991,517	32,097	31,635	59	80	62 488	19 426,185	154 495,487	7,953	7,491
10	31	98 635	80 915,135	2 567 428,334	31,730	31,268	60	81	59 204	18 044,370	135 069,303	7,485	7,024
11	32	98 594	79 295,610	2 486 513,199	31,358	30,896	61	82	55 677	16 636,660	117 024,933	7,034	6,573
12	33	98 550	77 706,313	2 407 217,590	30,978	30,517	62	83	51 921	15 209,974	100 388,273	6,600	6,139
13	34	98 504	76 147,134	2 329 511,277	30,592	30,131	63	84	47 951	13 771,670	85 178,299	6,185	5,723
14	35	98 456	74 617,223	2 253 364,143	30,199	29,737	64	85	43 820	12 338,502	71 406,629	5,787	5,326
15	36	98 398	73 110,906	2 178 746,920	29,801	29,339	65	86	39 506	10 905,757	59 068,127	5,416	4,955
16	37	98 332	71 629,625	2 105 636,014	29,396	28,935	66	87	35 132	9 508,019	48 162,370	5,065	4,604
17	38	98 251	70 167,322	2 034 006,389	28,988	28,526	67	88	30 585	8 115,184	38 654,351	4,763	4,302
18	39	98 160	68 727,460	1 963 839,067	28,574	28,113	68	89	26 266	6 832,443	30 539,167	4,470	4,008
19	40	98 036	67 295,058	1 895 111,607	28,161	27,700	69	90	22 150	5 648,995	23 706,724	4,197	3,735
20	41	97 913	65 892,569	1 827 816,548	27,739	27,278	70	91	18 460	4 615,505	18 057,729	3,912	3,451
21	42	97 773	64 508,316	1 761 923,980	27,313	26,852	71	92	14 904	3 653,268	13 442,224	3,680	3,218
22	43	97 626	63 147,992	1 697 415,663	26,880	26,418	72	93	11 775	2 829,725	9 788,956	3,459	2,998
23	44	97 468	61 809,650	1 634 267,672	26,440	25,979	73	94	9 067	2 136,288	6 959,231	3,258	2,796
24	45	97 304	60 495,834	1 572 458,022	25,993	25,531	74	95	6 798	1 570,330	4 822,943	3,071	2,610
25	46	97 116	59 195,298	1 511 962,188	25,542	25,080	75	96	4 951	1 121,216	3 252,613	2,901	2,439
26	47	96 908	57 910,257	1 452 766,890	25,087	24,625	76	97	3 499	776,910	2 131,398	2,743	2,282
27	48	96 681	56 641,621	1 394 856,633	24,626	24,164	77	98	2 395	521,309	1 354,488	2,598	2,137
28	49	96 441	55 393,022	1 338 215,011	24,159	23,697	78	99	1 583	337,902	833,179	2,466	2,004
29	50	96 179	54 159,687	1 282 821,989	23,686	23,224	79	100	1 010	211,201	495,277	2,345	1,883
30	51	95 893	52 939,591	1 228 662,302	23,209	22,747							
31	52	95 590	51 737,892	1 175 722,711	22,725	22,263							
32	53	95 255	50 545,384	1 123 984,818	22,237	21,776							
33	54	94 894	49 366,811	1 073 439,435	21,744	21,283							
34	55	94 523	48 209,590	1 024 072,624	21,242	20,780							
35	56	94 107	47 056,219	975 863,034	20,738	20,277							
36	57	93 669	45 918,790	928 806,815	20,227	19,766							
37	58	93 198	44 791,767	882 888,025	19,711	19,249							
38	59	92 681	43 670,093	838 096,258	19,192	18,730							
39	60	92 139	42 563,362	794 426,165	18,665	18,203							
40	61	91 527	41 451,902	751 862,803	18,138	17,677							
41	62	90 883	40 352,976	710 410,900	17,605	17,143							
42	63	90 179	39 255,104	670 057,924	17,069	16,608							
43	64	89 433	38 167,103	630 802,821	16,527	16,066							
44	65	88 618	37 078,028	592 635,718	15,983	15,522							
45	66	87 745	35 992,803	555 557,690	15,435	14,974							
46	67	86 814	34 912,650	519 564,887	14,882	14,420							
47	68	85 794	33 825,934	484 652,237	14,328	13,866							
48	69	84 691	32 736,270	450 826,303	13,771	13,310							
49	70	83 466	31 630,286	418 090,033	13,218	12,756							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	3 447 390,586	34,684	34,223	50	72	81 052	30 112,986	366 587,641	12,174	11,712
1	23	98 967	97 026,363	3 347 997,222	34,506	34,044	51	73	79 457	28 941,504	336 474,654	11,626	11,164
2	24	98 909	95 068,399	3 250 970,859	34,196	33,735	52	74	77 704	27 748,286	307 533,150	11,083	10,621
3	25	98 868	93 165,186	3 155 902,460	33,874	33,413	53	75	75 802	26 538,188	279 784,865	10,543	10,081
4	26	98 831	91 304,275	3 062 737,274	33,544	33,083	54	76	73 688	25 292,176	253 246,676	10,013	9,551
5	27	98 790	89 477,186	2 971 432,999	33,209	32,747	55	77	71 360	24 012,854	227 954,500	9,493	9,031
6	28	98 753	87 689,940	2 881 955,813	32,865	32,404	56	78	68 816	22 702,669	203 941,646	8,983	8,522
7	29	98 717	85 939,139	2 794 265,872	32,514	32,053	57	79	66 031	21 356,991	181 238,976	8,486	8,025
8	30	98 680	84 222,543	2 708 326,733	32,157	31,695	58	80	63 046	19 991,483	159 881,986	7,998	7,536
9	31	98 644	82 540,523	2 624 104,190	31,792	31,330	59	81	59 778	18 583,609	139 890,502	7,528	7,066
10	32	98 603	80 888,755	2 541 563,667	31,420	30,959	60	82	56 274	17 151,250	121 306,893	7,073	6,611
11	33	98 560	79 268,146	2 460 674,912	31,042	30,581	61	83	52 511	15 690,569	104 155,644	6,638	6,176
12	34	98 515	77 678,199	2 381 406,766	30,657	30,196	62	84	48 548	14 221,948	88 465,074	6,220	5,759
13	35	98 464	76 116,232	2 303 728,567	30,266	29,804	63	85	44 403	12 752,762	74 243,126	5,822	5,360
14	36	98 414	74 585,425	2 227 612,335	29,867	29,405	64	86	40 082	11 286,084	61 490,364	5,448	4,987
15	37	98 352	73 076,813	2 153 026,911	29,463	29,001	65	87	35 688	9 851,731	50 204,280	5,096	4,634
16	38	98 280	71 591,897	2 079 950,097	29,053	28,591	66	88	31 104	8 417,815	40 352,549	4,794	4,332
17	39	98 193	70 125,954	2 008 358,200	28,639	28,178	67	89	26 748	7 097,036	31 934,734	4,500	4,038
18	40	98 091	68 679,127	1 938 232,246	28,222	27,760	68	90	22 595	5 877,481	24 837,698	4,226	3,764
19	41	97 966	67 247,091	1 869 553,119	27,801	27,340	69	91	18 868	4 811,833	18 960,217	3,940	3,479
20	42	97 832	65 837,814	1 802 306,029	27,375	26,913	70	92	15 264	3 816,357	14 148,384	3,707	3,246
21	43	97 681	64 447,295	1 736 468,215	26,944	26,482	71	93	12 087	2 962,861	10 332,027	3,487	3,026
22	44	97 522	63 081,336	1 672 020,920	26,506	26,044	72	94	9 339	2 244,303	7 369,166	3,283	2,822
23	45	97 357	61 739,754	1 608 939,584	26,060	25,598	73	95	7 024	1 654,786	5 124,862	3,097	2,635
24	46	97 172	60 414,009	1 547 199,830	25,610	25,148	74	96	5 137	1 186,466	3 470,076	2,925	2,463
25	47	96 966	59 103,491	1 486 785,821	25,156	24,694	75	97	3 644	825,226	2 283,611	2,767	2,306
26	48	96 740	57 809,759	1 427 682,330	24,696	24,235	76	98	2 506	556,302	1 458,385	2,622	2,160
27	49	96 502	56 536,666	1 369 872,571	24,230	23,768	77	99	1 666	362,685	902,083	2,487	2,026
28	50	96 239	55 277,136	1 313 335,904	23,759	23,298	78	100	1 069	228,116	539,398	2,365	1,903
29	51	95 954	54 033,145	1 258 058,768	23,283	22,821							
30	52	95 654	52 807,730	1 204 025,623	22,800	22,339							
31	53	95 325	51 594,535	1 151 217,893	22,313	21,851							
32	54	94 965	50 391,767	1 099 623,358	21,821	21,360							
33	55	94 592	49 209,520	1 049 231,591	21,322	20,860							
34	56	94 183	48 036,155	1 000 022,071	20,818	20,357							
35	57	93 750	46 877,740	951 985,916	20,308	19,846							
36	58	93 283	45 729,317	905 108,176	19,793	19,331							
37	59	92 773	44 587,532	859 378,860	19,274	18,812							
38	60	92 238	43 461,422	814 791,328	18,747	18,286							
39	61	91 635	42 330,631	771 329,906	18,222	17,760							
40	62	91 007	41 216,229	728 999,275	17,687	17,226							
41	63	90 313	40 099,770	687 783,046	17,152	16,690							
42	64	89 577	38 993,326	647 683,276	16,610	16,148							
43	65	88 789	37 892,459	608 689,950	16,064	15,602							
44	66	87 932	36 790,954	570 797,491	15,515	15,053							
45	67	87 024	35 696,951	534 006,537	14,959	14,498							
46	68	86 031	34 597,750	498 309,586	14,403	13,941							
47	69	84 954	33 494,604	463 711,836	13,844	13,383							
48	70	83 762	32 377,230	430 217,232	13,288	12,826							
49	71	82 469	31 252,361	397 840,002	12,730	12,268							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	3 420 485,129	34,422	33,960	50	73	79 797	29 646,984	346 425,132	11,685	11,223
1	24	98 944	97 004,294	3 321 114,605	34,237	33,775	51	74	78 079	28 439,791	316 778,148	11,139	10,677
2	25	98 887	95 046,785	3 224 110,311	33,921	33,460	52	75	76 203	27 212,076	288 338,357	10,596	10,134
3	26	98 846	93 144,425	3 129 063,526	33,594	33,132	53	76	74 113	25 946,887	261 126,281	10,064	9,602
4	27	98 804	91 279,883	3 035 919,102	33,259	32,798	54	77	71 820	24 651,078	235 179,395	9,540	9,079
5	28	98 765	89 454,089	2 944 639,219	32,918	32,456	55	78	69 294	23 317,579	210 528,316	9,029	8,567
6	29	98 727	87 667,164	2 855 185,130	32,568	32,107	56	79	66 527	21 947,621	187 210,737	8,530	8,068
7	30	98 690	85 915,303	2 767 517,966	32,212	31,751	57	80	63 552	20 555,022	165 263,115	8,040	7,578
8	31	98 653	84 199,429	2 681 602,663	31,848	31,387	58	81	60 311	19 124,389	144 708,093	7,567	7,105
9	32	98 611	82 513,613	2 597 403,234	31,478	31,017	59	82	56 819	17 663,799	125 583,704	7,110	6,648
10	33	98 569	80 860,739	2 514 889,621	31,101	30,640	60	83	53 074	16 175,896	107 919,906	6,672	6,210
11	34	98 524	79 239,468	2 434 028,881	30,717	30,256	61	84	49 100	14 671,324	91 744,010	6,253	5,792
12	35	98 475	77 646,676	2 354 789,414	30,327	29,865	62	85	44 956	13 169,726	77 072,686	5,852	5,391
13	36	98 423	76 083,794	2 277 142,738	29,929	29,468	63	86	40 616	11 665,010	63 902,960	5,478	5,017
14	37	98 368	74 550,644	2 201 058,944	29,524	29,063	64	87	36 209	10 195,300	52 237,950	5,124	4,662
15	38	98 300	73 038,324	2 126 508,299	29,115	28,653	65	88	31 596	8 722,117	42 042,650	4,820	4,359
16	39	98 222	71 549,689	2 053 469,975	28,700	28,238	66	89	27 201	7 361,698	33 320,534	4,526	4,065
17	40	98 124	70 076,637	1 981 920,286	28,282	27,821	67	90	23 009	6 105,092	25 958,835	4,252	3,790
18	41	98 021	68 630,173	1 911 843,650	27,857	27,396	68	91	19 246	5 006,459	19 853,743	3,966	3,504
19	42	97 885	67 191,210	1 843 213,477	27,432	26,971	69	92	15 601	3 978,692	14 847,284	3,732	3,270
20	43	97 739	65 775,535	1 776 022,267	27,001	26,540	70	93	12 379	3 095,129	10 868,592	3,512	3,050
21	44	97 577	64 379,267	1 710 246,732	26,565	26,104	71	94	9 587	2 349,896	7 773,463	3,308	2,846
22	45	97 412	63 010,002	1 645 867,465	26,121	25,659	72	95	7 234	1 738,456	5 423,567	3,120	2,658
23	46	97 226	61 656,247	1 582 857,463	25,672	25,211	73	96	5 307	1 250,276	3 685,111	2,947	2,486
24	47	97 021	60 320,312	1 521 201,216	25,219	24,757	74	97	3 781	873,250	2 434,835	2,788	2,327
25	48	96 797	59 000,922	1 460 880,903	24,760	24,299	75	98	2 609	590,899	1 561,585	2,643	2,181
26	49	96 561	57 702,640	1 401 879,981	24,295	23,833	76	99	1 743	387,030	970,686	2,508	2,046
27	50	96 300	56 418,388	1 344 177,342	23,825	23,364	77	100	1 125	244,847	583,656	2,384	1,922
28	51	96 014	55 147,983	1 287 758,954	23,351	22,889							
29	52	95 715	53 898,560	1 232 610,971	22,869	22,407							
30	53	95 389	52 661,408	1 178 712,411	22,383	21,921							
31	54	95 036	51 437,730	1 126 051,002	21,892	21,430							
32	55	94 663	50 231,211	1 074 613,273	21,393	20,932							
33	56	94 252	49 032,488	1 024 382,062	20,892	20,430							
34	57	93 826	47 853,959	975 349,574	20,382	19,920							
35	58	93 363	46 684,309	927 495,615	19,867	19,406							
36	59	92 857	45 520,807	880 811,306	19,350	18,888							
37	60	92 329	44 374,477	835 290,499	18,824	18,362							
38	61	91 734	43 223,780	790 916,022	18,298	17,837							
39	62	91 114	42 089,961	747 692,242	17,764	17,303							
40	63	90 436	40 957,606	705 602,280	17,228	16,766							
41	64	89 710	39 832,359	664 644,674	16,686	16,224							
42	65	88 933	38 712,737	624 812,315	16,140	15,678							
43	66	88 102	37 599,079	586 099,578	15,588	15,127							
44	67	87 210	36 488,541	548 500,499	15,032	14,571							
45	68	86 239	35 374,978	512 011,958	14,474	14,012							
46	69	85 188	34 258,860	476 636,980	13,913	13,451							
47	70	84 022	33 127,247	442 378,119	13,354	12,892							
48	71	82 761	31 990,380	409 250,873	12,793	12,331							
49	72	81 369	30 835,361	377 260,493	12,235	11,773							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	3 392 761,502	34,150	33,689	50	74	78 414	29 133,041	326 043,125	11,192	10,730
1	25	98 922	96 982,239	3 293 413,580	33,959	33,497	51	75	76 570	27 890,219	296 910,084	10,646	10,184
2	26	98 865	95 025,604	3 196 431,340	33,638	33,176	52	76	74 505	26 605,759	269 019,865	10,111	9,650
3	27	98 819	93 119,540	3 101 405,736	33,306	32,844	53	77	72 234	25 289,193	242 414,106	9,586	9,124
4	28	98 779	91 256,320	3 008 286,196	32,965	32,504	54	78	69 740	23 937,324	217 124,913	9,071	8,609
5	29	98 739	89 430,855	2 917 029,875	32,618	32,156	55	79	66 989	22 542,081	193 187,588	8,570	8,108
6	30	98 700	87 642,849	2 827 599,020	32,263	31,801	56	80	64 029	21 123,474	170 645,508	8,078	7,617
7	31	98 663	85 891,724	2 739 956,172	31,900	31,439	57	81	60 795	19 663,485	149 522,033	7,604	7,142
8	32	98 621	84 171,978	2 654 064,447	31,531	31,070	58	82	57 326	18 177,812	129 858,548	7,144	6,682
9	33	98 577	82 485,035	2 569 892,470	31,156	30,694	59	83	53 588	16 659,297	111 680,736	6,704	6,242
10	34	98 533	80 831,485	2 487 407,435	30,773	30,311	60	84	49 626	15 125,124	95 021,439	6,282	5,821
11	35	98 484	79 207,311	2 406 575,950	30,383	29,922	61	85	45 467	13 585,855	79 896,315	5,881	5,419
12	36	98 433	77 613,586	2 327 368,639	29,987	29,525	62	86	41 121	12 046,409	66 310,460	5,505	5,043
13	37	98 377	76 048,315	2 249 755,053	29,583	29,122	63	87	36 690	10 537,603	54 264,052	5,150	4,688
14	38	98 316	74 511,379	2 173 706,738	29,173	28,711	64	88	32 057	9 026,291	43 726,449	4,844	4,383
15	39	98 242	72 995,263	2 099 195,359	28,758	28,296	65	89	27 632	7 627,822	34 700,157	4,549	4,088
16	40	98 153	71 499,371	2 026 200,097	28,339	27,877	66	90	23 399	6 332,763	27 072,335	4,275	3,813
17	41	98 054	70 026,687	1 954 700,726	27,914	27,452	67	91	19 599	5 200,338	20 739,572	3,988	3,527
18	42	97 939	68 573,143	1 884 674,039	27,484	27,023	68	92	15 914	4 139,619	15 539,234	3,754	3,292
19	43	97 792	67 127,651	1 816 100,897	27,054	26,593	69	93	12 653	3 226,786	11 399,614	3,533	3,071
20	44	97 636	65 706,105	1 748 973,246	26,618	26,157	70	94	9 818	2 454,800	8 172,829	3,329	2,868
21	45	97 467	64 306,466	1 683 267,141	26,176	25,714	71	95	7 426	1 820,249	5 718,029	3,141	2,680
22	46	97 280	62 924,777	1 618 960,675	25,729	25,267	72	96	5 466	1 313,493	3 897,780	2,967	2,506
23	47	97 075	61 560,623	1 556 035,898	25,276	24,815	73	97	3 906	920,216	2 584,287	2,808	2,347
24	48	96 853	60 215,632	1 494 475,274	24,819	24,357	74	98	2 707	625,286	1 664,072	2,661	2,200
25	49	96 618	58 891,595	1 434 259,643	24,354	23,893	75	99	1 815	411,100	1 038,785	2,527	2,065
26	50	96 359	57 581,922	1 375 368,047	23,885	23,424	76	100	1 177	261,283	627,686	2,402	1,941
27	51	96 075	56 286,568	1 317 786,126	23,412	22,950							
28	52	95 775	55 010,621	1 261 499,557	22,932	22,470							
29	53	95 450	53 749,216	1 206 488,936	22,447	21,985							
30	54	95 099	52 501,361	1 152 739,720	21,956	21,495							
31	55	94 733	51 273,841	1 100 238,359	21,458	20,996							
32	56	94 322	50 050,503	1 048 964,518	20,958	20,497							
33	57	93 894	48 846,513	998 914,016	20,450	19,988							
34	58	93 439	47 656,500	950 067,503	19,936	19,474							
35	59	92 938	46 471,445	902 411,003	19,419	18,957							
36	60	92 414	45 303,293	855 939,558	18,894	18,432							
37	61	91 824	44 131,843	810 636,265	18,369	17,907							
38	62	91 212	42 978,033	766 504,422	17,835	17,373							
39	63	90 542	41 825,856	723 526,390	17,299	16,837							
40	64	89 833	40 684,475	681 700,533	16,756	16,294							
41	65	89 065	39 545,733	641 016,058	16,209	15,748							
42	66	88 244	38 413,006	601 470,325	15,658	15,196							
43	67	87 378	37 290,024	563 057,319	15,099	14,638							
44	68	86 423	36 159,428	525 767,295	14,540	14,079							
45	69	85 394	35 028,475	489 607,868	13,977	13,516							
46	70	84 254	33 883,121	454 579,393	13,416	12,954							
47	71	83 018	32 731,435	420 696,272	12,853	12,391							
48	72	81 657	31 563,532	387 964,836	12,292	11,830							
49	73	80 110	30 358,179	356 401,304	11,740	11,278							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	3 364 218,281	33,871	33,409	50	75	76 899	28 570,072	305 502,430	10,693	10,231
1	26	98 900	96 960,628	3 264 892,946	33,672	33,211	51	76	74 864	27 268,792	276 932,358	10,156	9,694
2	27	98 838	95 000,217	3 167 932,318	33,347	32,885	52	77	72 616	25 931,365	249 663,566	9,628	9,166
3	28	98 794	93 095,503	3 072 932,101	33,008	32,547	53	78	70 143	24 556,963	223 732,201	9,111	8,649
4	29	98 753	91 232,618	2 979 836,598	32,662	32,200	54	79	67 421	23 141,214	199 175,238	8,607	8,145
5	30	98 712	89 406,050	2 888 603,980	32,309	31,847	55	80	64 474	21 695,611	176 034,024	8,114	7,652
6	31	98 673	87 618,796	2 799 197,929	31,947	31,486	56	81	61 252	20 207,282	154 338,413	7,638	7,176
7	32	98 630	85 863,721	2 711 579,133	31,580	31,118	57	82	57 786	18 690,226	134 131,131	7,177	6,715
8	33	98 587	84 142,825	2 625 715,412	31,205	30,744	58	83	54 066	17 144,080	115 440,905	6,734	6,272
9	34	98 542	82 455,193	2 541 572,587	30,824	30,362	59	84	50 107	15 577,124	98 296,825	6,310	5,849
10	35	98 493	80 798,681	2 459 117,394	30,435	29,974	60	85	45 954	14 006,080	82 719,701	5,906	5,444
11	36	98 442	79 173,556	2 378 318,713	30,039	29,578	61	86	41 589	12 427,043	68 713,621	5,529	5,068
12	37	98 387	77 577,394	2 299 145,157	29,637	29,175	62	87	37 147	10 882,140	56 286,578	5,172	4,711
13	38	98 325	76 008,261	2 221 567,763	29,228	28,766	63	88	32 483	9 329,345	45 404,438	4,867	4,405
14	39	98 258	74 467,449	2 145 559,502	28,812	28,350	64	89	28 035	7 893,834	36 075,093	4,570	4,108
15	40	98 173	72 943,928	2 071 092,053	28,393	27,931	65	90	23 770	6 561,691	28 181,258	4,295	3,833
16	41	98 083	71 448,407	1 998 148,125	27,966	27,505	66	91	19 932	5 394,269	21 619,567	4,008	3,546
17	42	97 973	69 968,496	1 926 699,719	27,537	27,075	67	92	16 206	4 299,930	16 225,298	3,773	3,312
18	43	97 847	68 508,276	1 856 731,223	27,102	26,641	68	93	12 906	3 357,300	11 925,368	3,552	3,090
19	44	97 689	67 056,794	1 788 222,947	26,667	26,206	69	94	10 035	2 559,219	8 568,068	3,348	2,886
20	45	97 525	65 631,803	1 721 166,153	26,225	25,763	70	95	7 605	1 901,508	6 008,849	3,160	2,698
21	46	97 335	64 219,487	1 655 534,349	25,779	25,318	71	96	5 611	1 375,292	4 107,341	2,987	2,525
22	47	97 130	62 827,186	1 591 314,862	25,328	24,867	72	97	4 023	966,744	2 732,049	2,826	2,364
23	48	96 906	61 453,790	1 528 487,676	24,872	24,411	73	98	2 797	658,916	1 765,305	2,679	2,217
24	49	96 674	60 104,054	1 467 033,886	24,408	23,947	74	99	1 883	435,024	1 106,390	2,543	2,082
25	50	96 416	58 768,390	1 406 929,832	23,940	23,479	75	100	1 226	277,532	671,366	2,419	1,957
26	51	96 133	57 447,384	1 348 161,442	23,468	23,006							
27	52	95 835	56 146,370	1 290 714,058	22,988	22,527							
28	53	95 509	54 858,196	1 234 567,688	22,505	22,043							
29	54	95 160	53 585,862	1 179 709,492	22,015	21,554							
30	55	94 796	52 334,083	1 126 123,629	21,518	21,056							
31	56	94 392	51 089,382	1 073 789,546	21,018	20,556							
32	57	93 964	49 860,667	1 022 700,164	20,511	20,050							
33	58	93 507	48 644,958	972 839,498	19,999	19,537							
34	59	93 013	47 439,203	924 194,539	19,482	19,020							
35	60	92 494	46 249,388	876 755,336	18,957	18,496							
36	61	91 908	45 055,580	830 505,948	18,433	17,971							
37	62	91 302	43 880,933	785 450,368	17,900	17,438							
38	63	90 640	42 708,355	741 569,435	17,364	16,902							
39	64	89 939	41 546,935	698 861,080	16,821	16,359							
40	65	89 187	40 391,717	657 314,146	16,273	15,812							
41	66	88 375	39 239,553	616 922,429	15,722	15,260							
42	67	87 519	38 097,260	577 682,876	15,163	14,702							
43	68	86 589	36 953,682	539 585,615	14,602	14,140							
44	69	85 576	35 805,241	502 631,934	14,038	13,576							
45	70	84 458	34 644,295	466 826,693	13,475	13,013							
46	71	83 247	33 478,278	432 182,398	12,909	12,448							
47	72	81 910	32 294,700	398 704,120	12,346	11,884							
48	73	80 393	31 075,082	366 409,420	11,791	11,329							
49	74	78 721	29 831,908	335 334,338	11,241	10,779							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	34 625,688	692 763,286	20,007	19,546
1	0	99 594	97 640,989	3 741 053,031	38,314	37,853	51	50	92 606	33 731,020	658 137,597	19,511	19,050
2	1	99 240	95 386,209	3 643 412,042	38,196	37,735	52	51	91 946	32 833,964	624 406,577	19,017	18,555
3	2	99 192	93 471,306	3 548 025,833	37,958	37,497	53	52	91 234	31 941,098	591 572,613	18,521	18,059
4	3	99 162	91 609,928	3 454 554,526	37,709	37,248	54	53	90 460	31 048,867	559 631,515	18,024	17,563
5	4	99 133	89 787,837	3 362 944,599	37,454	36,993	55	54	89 607	30 153,082	528 582,647	17,530	17,068
6	5	99 110	88 006,557	3 273 156,762	37,192	36,731	56	55	88 705	29 264,374	498 429,566	17,032	16,570
7	6	99 090	86 264,038	3 185 150,204	36,923	36,462	57	56	87 728	28 374,396	469 165,192	16,535	16,073
8	7	99 073	84 557,627	3 098 886,166	36,648	36,187	58	57	86 699	27 491,810	440 790,796	16,034	15,572
9	8	99 055	82 884,739	3 014 328,539	36,368	35,906	59	58	85 578	26 604,193	413 298,986	15,535	15,073
10	9	99 040	81 247,526	2 931 443,799	36,080	35,619	60	59	84 370	25 714,436	386 694,793	15,038	14,576
11	10	99 025	79 642,259	2 850 196,273	35,787	35,326	61	60	83 076	24 823,738	360 980,357	14,542	14,080
12	11	99 008	78 066,764	2 770 554,015	35,490	35,028	62	61	81 693	23 931,822	336 156,619	14,046	13,585
13	12	98 989	76 521,962	2 692 487,250	35,186	34,724	63	62	80 230	23 042,366	312 224,797	13,550	13,088
14	13	98 973	75 009,213	2 615 965,288	34,875	34,414	64	63	78 680	22 153,970	289 182,431	13,053	12,592
15	14	98 947	73 519,084	2 540 956,075	34,562	34,100	65	64	77 032	21 264,651	267 028,461	12,557	12,096
16	15	98 915	72 054,215	2 467 436,991	34,244	33,783	66	65	75 285	20 375,081	245 763,809	12,062	11,600
17	16	98 872	70 610,867	2 395 382,776	33,924	33,462	67	66	73 457	19 490,489	225 388,729	11,564	11,102
18	17	98 823	69 191,578	2 324 771,909	33,599	33,137	68	67	71 540	18 609,607	205 898,240	11,064	10,602
19	18	98 750	67 785,282	2 255 580,330	33,275	32,814	69	68	69 501	17 724,835	187 288,633	10,566	10,105
20	19	98 675	66 405,410	2 187 795,049	32,946	32,484	70	69	67 333	16 835,108	169 563,798	10,072	9,610
21	20	98 595	65 050,459	2 121 389,638	32,611	32,150	71	70	65 024	15 938,821	152 728,690	9,582	9,121
22	21	98 518	63 725,547	2 056 339,179	32,269	31,807	72	71	62 587	15 040,821	136 789,769	9,095	8,633
23	22	98 442	62 427,378	1 992 613,632	31,919	31,457	73	72	59 955	14 125,896	121 748,948	8,619	8,157
24	23	98 365	61 155,547	1 930 186,254	31,562	31,100	74	73	57 135	13 197,504	107 623,052	8,155	7,693
25	24	98 286	59 908,247	1 869 030,707	31,198	30,737	75	74	54 118	12 255,503	94 425,548	7,705	7,243
26	25	98 205	58 685,421	1 809 122,460	30,827	30,366	76	75	50 964	11 315,002	82 170,045	7,262	6,800
27	26	98 123	57 486,776	1 750 437,038	30,449	29,988	77	76	47 628	10 366,989	70 855,043	6,835	6,373
28	27	98 035	56 308,865	1 692 950,262	30,065	29,604	78	77	44 114	9 413,777	60 488,053	6,425	5,964
29	28	97 949	55 156,318	1 636 641,397	29,673	29,211	79	78	40 454	8 463,367	51 074,277	6,035	5,573
30	29	97 861	54 025,997	1 581 485,079	29,273	28,811	80	79	36 739	7 535,495	42 610,909	5,655	5,193
31	30	97 768	52 916,797	1 527 459,082	28,865	28,404	81	80	32 958	6 627,505	35 075,415	5,292	4,831
32	31	97 669	51 826,531	1 474 542,285	28,451	27,990	82	81	29 168	5 750,395	28 447,909	4,947	4,486
33	32	97 564	50 755,839	1 422 715,754	28,031	27,569	83	82	25 442	4 917,367	22 697,514	4,616	4,154
34	33	97 460	49 707,266	1 371 959,915	27,601	27,139	84	83	21 828	4 136,235	17 780,147	4,299	3,837
35	34	97 346	48 675,622	1 322 252,649	27,165	26,703	85	84	18 364	3 411,481	13 643,912	3,999	3,538
36	35	97 222	47 660,546	1 273 577,027	26,722	26,260	86	85	15 087	2 747,787	10 232,430	3,724	3,262
37	36	97 092	46 663,507	1 225 916,481	26,271	25,810	87	86	12 066	2 154,560	7 484,644	3,474	3,012
38	37	96 951	45 682,040	1 179 252,974	25,814	25,353	88	87	9 354	1 637,430	5 330,084	3,255	2,794
39	38	96 796	44 714,531	1 133 570,935	25,351	24,890	89	88	7 032	1 206,870	3 692,653	3,060	2,598
40	39	96 625	43 760,501	1 088 856,403	24,882	24,421	90	89	5 139	864,710	2 485,784	2,875	2,413
41	40	96 425	42 813,829	1 045 095,902	24,410	23,949	91	90	3 670	605,419	1 621,074	2,678	2,216
42	41	96 213	41 882,119	1 002 282,073	23,931	23,469	92	91	2 519	407,397	1 015,655	2,493	2,031
43	42	95 978	40 960,620	960 399,954	23,447	22,985	93	92	1 630	258,509	608,258	2,353	1,891
44	43	95 703	40 042,330	919 439,334	22,962	22,500	94	93	1 013	157,407	349,749	2,222	1,760
45	44	95 399	39 132,294	879 397,004	22,472	22,011	95	94	600	91,438	192,342	2,104	1,642
46	45	95 061	38 229,235	840 264,710	21,980	21,518	96	95	338	50,541	100,904	1,996	1,535
47	46	94 671	37 325,852	802 035,475	21,487	21,026	97	96	181	26,510	50,363	1,900	1,438
48	47	94 232	36 424,198	764 709,622	20,995	20,533	98	97	92	13,162	23,853	1,812	1,351
49	48	93 736	35 522,138	728 285,424	20,502	20,041	99	98	44	6,168	10,691	1,733	1,272
							100	99	20	2,722	4,523	1,662	1,200



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	34 689,968	699 851,982	20,174	19,713
1							51	49	92 800	33 801,736	665 162,014	19,678	19,217
2	0	99 558	95 692,388	3 651 698,529	38,161	37,699	52	50	92 161	32 910,859	631 360,278	19,184	18,722
3	1	99 221	93 497,891	3 556 006,142	38,033	37,571	53	51	91 462	32 020,855	598 449,419	18,689	18,228
4	2	99 178	91 624,699	3 462 508,251	37,790	37,329	54	52	90 711	31 135,138	566 428,564	18,193	17,731
5	3	99 147	89 800,713	3 370 883,552	37,537	37,076	55	53	89 880	30 245,002	535 293,426	17,699	17,237
6	4	99 122	88 017,106	3 281 082,838	37,278	36,816	56	54	88 989	29 357,912	505 048,424	17,203	16,742
7	5	99 099	86 271,842	3 193 065,732	37,012	36,550	57	55	88 044	28 476,842	475 690,511	16,704	16,243
8	6	99 081	84 564,407	3 106 793,890	36,739	36,277	58	56	87 029	27 596,480	447 213,669	16,205	15,744
9	7	99 063	82 891,664	3 022 229,483	36,460	35,998	59	57	85 932	26 714,424	419 617,189	15,708	15,246
10	8	99 046	81 252,573	2 939 337,818	36,175	35,714	60	58	84 756	25 832,222	392 902,765	15,210	14,748
11	9	99 031	79 647,315	2 858 085,245	35,884	35,423	61	59	83 475	24 942,924	367 070,543	14,716	14,255
12	10	99 016	78 073,054	2 778 437,930	35,588	35,126	62	60	82 142	24 063,398	342 127,619	14,218	13,756
13	11	98 997	76 528,040	2 700 364,877	35,286	34,824	63	61	80 689	23 174,122	318 064,220	13,725	13,263
14	12	98 981	75 014,963	2 623 836,836	34,978	34,516	64	62	79 176	22 293,859	294 890,099	13,227	12,766
15	13	98 957	73 526,317	2 548 821,873	34,665	34,204	65	63	77 549	21 407,409	272 596,240	12,734	12,272
16	14	98 927	72 063,136	2 475 295,557	34,349	33,887	66	64	75 831	20 522,758	251 188,830	12,240	11,778
17	15	98 886	70 620,441	2 403 232,420	34,030	33,569	67	65	74 030	19 642,570	230 666,072	11,743	11,282
18	16	98 839	69 202,703	2 332 611,979	33,707	33,245	68	66	72 133	18 763,841	211 023,502	11,246	10,785
19	17	98 768	67 797,183	2 263 409,276	33,385	32,923	69	67	70 134	17 886,161	192 259,660	10,749	10,287
20	18	98 697	66 419,919	2 195 612,093	33,057	32,595	70	68	67 999	17 001,641	174 373,499	10,256	9,795
21	19	98 616	65 064,451	2 129 192,174	32,724	32,263	71	69	65 745	16 115,672	157 371,858	9,765	9,304
22	20	98 539	63 738,995	2 064 127,723	32,384	31,922	72	70	63 344	15 222,705	141 256,185	9,279	8,818
23	21	98 463	62 440,874	2 000 388,728	32,037	31,575	73	71	60 766	14 316,927	126 033,480	8,803	8,341
24	22	98 387	61 169,604	1 937 947,853	31,682	31,220	74	72	58 033	13 404,947	111 716,553	8,334	7,872
25	23	98 308	59 921,877	1 876 778,250	31,320	30,859	75	73	55 073	12 471,705	98 311,606	7,883	7,421
26	24	98 228	58 698,767	1 816 856,373	30,952	30,491	76	74	51 969	11 537,963	85 839,901	7,440	6,978
27	25	98 145	57 499,589	1 758 157,606	30,577	30,115	77	75	48 714	10 603,242	74 301,938	7,007	6,546
28	26	98 061	56 323,912	1 700 658,017	30,194	29,733	78	76	45 261	9 658,600	63 698,696	6,595	6,133
29	27	97 974	55 170,560	1 644 334,104	29,805	29,343	79	77	41 660	8 715,725	54 040,096	6,200	5,739
30	28	97 886	54 040,033	1 589 163,544	29,407	28,946	80	78	38 003	7 794,733	45 324,372	5,815	5,353
31	29	97 796	52 931,478	1 535 123,512	29,002	28,540	81	79	34 244	6 886,082	37 529,639	5,450	4,988
32	30	97 696	51 840,758	1 482 192,034	28,591	28,130	82	80	30 491	6 011,116	30 643,557	5,098	4,636
33	31	97 596	50 772,392	1 430 351,275	28,172	27,710	83	81	26 767	5 173,430	24 632,440	4,761	4,300
34	32	97 494	49 724,488	1 379 578,883	27,744	27,283	84	82	23 144	4 385,637	19 459,010	4,437	3,975
35	33	97 381	48 693,239	1 329 854,396	27,311	26,849	85	83	19 639	3 648,483	15 073,373	4,131	3,670
36	34	97 262	47 679,895	1 281 161,157	26,870	26,408	86	84	16 292	2 967,327	11 424,890	3,850	3,389
37	35	97 133	46 683,401	1 233 481,261	26,422	25,961	87	85	13 191	2 355,471	8 457,563	3,591	3,129
38	36	96 996	45 703,352	1 186 797,860	25,967	25,506	88	86	10 354	1 812,617	6 102,092	3,366	2,905
39	37	96 847	44 738,095	1 141 094,508	25,506	25,044	89	87	7 943	1 363,173	4 289,475	3,147	2,685
40	38	96 682	43 786,316	1 096 356,413	25,039	24,577	90	88	5 876	988,762	2 926,301	2,960	2,498
41	39	96 493	42 843,960	1 052 570,097	24,568	24,106	91	89	4 266	703,786	1 937,540	2,753	2,291
42	40	96 282	41 911,993	1 009 726,137	24,092	23,630	92	90	2 957	478,276	1 233,754	2,580	2,118
43	41	96 058	40 994,686	967 814,144	23,608	23,147	93	91	1 972	312,641	755,478	2,416	1,955
44	42	95 794	40 080,244	926 819,458	23,124	22,662	94	92	1 249	194,086	442,837	2,282	1,820
45	43	95 500	39 173,644	886 739,214	22,636	22,175	95	93	756	115,290	248,751	2,158	1,696
46	44	95 169	38 272,514	847 565,570	22,146	21,684	96	94	437	65,247	133,461	2,045	1,584
47	45	94 799	37 376,406	809 293,056	21,653	21,191	97	95	240	35,088	68,215	1,944	1,483
48	46	94 378	36 480,777	771 916,650	21,160	20,698	98	96	125	17,882	33,127	1,852	1,391
49	47	93 899	35 583,891	735 435,873	20,668	20,206	99	97	61	8,615	15,244	1,770	1,308
							100	98	28	3,912	6,630	1,695	1,233

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	34 750,274	706 420,555	20,328	19,867
1							51	48	92 972	33 864,485	671 670,281	19,834	19,372
2							52	49	92 354	32 979,856	637 805,795	19,339	18,878
3	0	99 539	93 798,008	3 563 687,317	37,993	37,532	53	50	91 676	32 095,846	604 825,940	18,844	18,383
4	1	99 206	91 650,758	3 469 889,309	37,860	37,398	54	51	90 938	31 212,882	572 730,094	18,349	17,888
5	2	99 163	89 815,193	3 378 238,550	37,613	37,152	55	52	90 130	30 329,039	541 517,211	17,855	17,393
6	3	99 136	88 029,728	3 288 423,357	37,356	36,894	56	53	89 260	29 447,408	511 188,173	17,359	16,898
7	4	99 111	86 282,183	3 200 393,629	37,092	36,631	57	54	88 326	28 567,864	481 740,764	16,863	16,401
8	5	99 090	84 572,058	3 114 111,446	36,822	36,360	58	55	87 343	27 696,118	453 172,900	16,362	15,901
9	6	99 071	82 898,311	3 029 539,388	36,545	36,084	59	56	86 259	26 816,135	425 476,782	15,866	15,405
10	7	99 055	81 259,361	2 946 641,077	36,262	35,801	60	57	85 107	25 939,254	398 660,647	15,369	14,907
11	8	99 038	79 652,262	2 865 381,716	35,974	35,512	61	58	83 858	25 057,176	372 721,393	14,875	14,413
12	9	99 022	78 078,011	2 785 729,453	35,679	35,217	62	59	82 537	24 178,934	347 664,217	14,379	13,917
13	10	99 005	76 534,206	2 707 651,443	35,378	34,917	63	60	81 133	23 301,532	323 485,283	13,883	13,421
14	11	98 989	75 020,922	2 631 117,237	35,072	34,610	64	61	79 629	22 421,335	300 183,752	13,388	12,927
15	12	98 964	73 531,953	2 556 096,316	34,762	34,300	65	62	78 039	21 542,584	277 762,417	12,894	12,432
16	13	98 937	72 070,226	2 482 564,362	34,446	33,985	66	63	76 340	20 660,536	256 219,832	12,401	11,940
17	14	98 898	70 629,184	2 410 494,136	34,129	33,667	67	64	74 567	19 784,939	235 559,296	11,906	11,444
18	15	98 852	69 212,086	2 339 864,952	33,807	33,346	68	65	72 696	18 910,253	215 774,357	11,410	10,949
19	16	98 784	67 808,084	2 270 652,866	33,486	33,025	69	66	70 715	18 034,400	196 864,105	10,916	10,454
20	17	98 714	66 431,580	2 202 844,783	33,160	32,698	70	67	68 618	17 156,386	178 829,705	10,424	9,962
21	18	98 638	65 078,667	2 136 413,202	32,828	32,367	71	68	66 395	16 275,089	161 673,319	9,934	9,472
22	19	98 560	63 752,706	2 071 334,536	32,490	32,029	72	69	64 046	15 391,514	145 398,230	9,447	8,985
23	20	98 484	62 454,051	2 007 581,830	32,145	31,683	73	70	61 501	14 490,057	130 006,716	8,972	8,511
24	21	98 409	61 182,828	1 945 127,778	31,792	31,330	74	71	58 818	13 586,228	115 516,659	8,502	8,041
25	22	98 331	59 935,650	1 883 944,950	31,433	30,971	75	72	55 939	12 667,740	101 930,430	8,046	7,585
26	23	98 250	58 712,121	1 824 009,300	31,067	30,605	76	73	52 886	11 741,506	89 262,690	7,602	7,141
27	24	98 168	57 512,665	1 765 297,179	30,694	30,232	77	74	49 674	10 812,177	77 521,184	7,170	6,708
28	25	98 083	56 336,467	1 707 784,514	30,314	29,852	78	75	46 293	9 878,709	66 709,007	6,753	6,291
29	26	98 001	55 185,303	1 651 448,048	29,926	29,464	79	76	42 743	8 942,394	56 830,298	6,355	5,894
30	27	97 911	54 053,986	1 596 262,745	29,531	29,069	80	77	39 136	8 027,153	47 887,904	5,966	5,504
31	28	97 821	52 945,230	1 542 208,759	29,128	28,667	81	78	35 422	7 122,979	39 860,751	5,596	5,134
32	29	97 723	51 855,141	1 489 263,529	28,720	28,258	82	79	31 680	6 245,644	32 737,772	5,242	4,780
33	30	97 623	50 786,330	1 437 408,388	28,303	27,841	83	80	27 980	5 407,992	26 492,128	4,899	4,437
34	31	97 525	49 740,704	1 386 622,059	27,877	27,415	84	81	24 350	4 614,011	21 084,135	4,570	4,108
35	32	97 415	48 710,110	1 336 881,354	27,446	26,984	85	82	20 824	3 868,475	16 470,124	4,258	3,796
36	33	97 297	47 697,152	1 288 171,244	27,007	26,546	86	83	17 424	3 173,473	12 601,649	3,971	3,509
37	34	97 173	46 702,354	1 240 474,093	26,561	26,100	87	84	14 245	2 543,666	9 428,177	3,707	3,245
38	35	97 038	45 722,837	1 193 771,739	26,109	25,647	88	85	11 320	1 981,642	6 884,511	3,474	3,013
39	36	96 892	44 758,967	1 148 048,902	25,650	25,188	89	86	8 792	1 509,018	4 902,868	3,249	2,787
40	37	96 733	43 809,391	1 103 289,935	25,184	24,722	90	87	6 637	1 116,818	3 393,851	3,039	2,577
41	38	96 550	42 869,234	1 059 480,544	24,714	24,253	91	88	4 878	804,752	2 277,033	2,829	2,368
42	39	96 350	41 941,489	1 016 611,310	24,239	23,777	92	89	3 438	555,985	1 472,281	2,648	2,186
43	40	96 127	41 023,927	974 669,821	23,759	23,297	93	90	2 315	367,034	916,296	2,496	2,035
44	41	95 874	40 113,578	933 645,894	23,275	22,813	94	91	1 510	234,728	549,262	2,340	1,878
45	42	95 590	39 210,735	893 532,316	22,788	22,326	95	92	933	142,155	314,534	2,213	1,751
46	43	95 269	38 312,955	854 321,581	22,299	21,837	96	93	551	82,266	172,379	2,095	1,634
47	44	94 907	37 418,720	816 008,626	21,807	21,346	97	94	309	45,297	90,113	1,989	1,528
48	45	94 506	36 530,187	778 589,905	21,314	20,852	98	95	165	23,668	44,816	1,894	1,432
49	46	94 045	35 639,164	742 059,719	20,821	20,360	99	96	83	11,704	21,148	1,807	1,345
							100	97	40	5,464	9,444	1,728	1,267

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	34 804,252	712 494,110	20,471	20,010
1							51	47	93 134	33 923,356	677 689,858	19,977	19,515
2							52	48	92 526	33 041,080	643 766,502	19,484	19,022
3							53	49	91 869	32 163,134	610 725,422	18,988	18,527
4	0	99 524	91 944,947	3 476 998,430	37,816	37,354	54	50	91 150	31 285,981	578 562,288	18,493	18,031
5	1	99 191	89 840,737	3 385 053,483	37,678	37,217	55	51	90 355	30 404,771	547 276,308	18,000	17,538
6	2	99 152	88 043,922	3 295 212,746	37,427	36,965	56	52	89 508	29 529,229	516 871,537	17,504	17,042
7	3	99 125	86 294,557	3 207 168,823	37,165	36,704	57	53	88 595	28 654,951	487 342,308	17,007	16,546
8	4	99 102	84 582,195	3 120 874,267	36,898	36,436	58	54	87 622	27 784,644	458 687,356	16,509	16,047
9	5	99 080	82 905,811	3 036 292,072	36,623	36,162	59	55	86 571	26 912,955	430 902,712	16,011	15,549
10	6	99 063	81 265,877	2 953 386,261	36,342	35,881	60	56	85 432	26 038,014	403 989,757	15,515	15,054
11	7	99 046	79 658,917	2 872 120,384	36,055	35,594	61	57	84 205	25 160,997	377 951,743	15,021	14,560
12	8	99 028	78 082,860	2 792 461,467	35,763	35,301	62	58	82 915	24 289,686	352 790,746	14,524	14,063
13	9	99 011	76 539,065	2 714 378,607	35,464	35,002	63	59	81 522	23 413,409	328 501,060	14,030	13,569
14	10	98 996	75 026,966	2 637 839,542	35,159	34,697	64	60	80 067	22 544,606	305 087,651	13,533	13,071
15	11	98 972	73 537,794	2 562 812,576	34,850	34,389	65	61	78 485	21 665,764	282 543,045	13,041	12,579
16	12	98 945	72 075,751	2 489 274,782	34,537	34,075	66	62	76 822	20 790,995	260 877,280	12,548	12,086
17	13	98 908	70 636,133	2 417 199,032	34,220	33,759	67	63	75 068	19 917,763	240 086,285	12,054	11,592
18	14	98 864	69 220,655	2 346 562,899	33,900	33,438	68	64	73 223	19 047,314	220 168,522	11,559	11,097
19	15	98 797	67 817,277	2 277 342,244	33,581	33,119	69	65	71 267	18 175,120	201 121,209	11,066	10,604
20	16	98 730	66 442,262	2 209 524,967	33,255	32,793	70	66	69 187	17 298,576	182 946,089	10,576	10,114
21	17	98 655	65 090,093	2 143 082,705	32,925	32,463	71	67	66 999	16 423,221	165 647,513	10,086	9,625
22	18	98 582	63 766,635	2 077 992,612	32,587	32,126	72	68	64 680	15 543,767	149 224,293	9,600	9,139
23	19	98 505	62 467,485	2 014 225,977	32,244	31,783	73	69	62 183	14 650,742	133 680,525	9,124	8,663
24	20	98 430	61 195,740	1 951 758,492	31,894	31,432	74	70	59 529	13 750,522	119 029,783	8,656	8,195
25	21	98 352	59 948,608	1 890 562,752	31,536	31,075	75	71	56 695	12 839,051	105 279,261	8,200	7,738
26	22	98 273	58 725,616	1 830 614,145	31,172	30,711	76	72	53 717	11 926,064	92 440,210	7,751	7,289
27	23	98 190	57 525,749	1 771 888,529	30,802	30,340	77	73	50 550	11 002,917	80 514,146	7,318	6,856
28	24	98 105	56 349,278	1 714 362,779	30,424	29,962	78	74	47 205	10 073,367	69 511,228	6,900	6,439
29	25	98 022	55 197,603	1 658 013,502	30,038	29,576	79	75	43 717	9 146,181	59 437,861	6,499	6,037
30	26	97 937	54 068,431	1 602 815,898	29,644	29,183	80	76	40 154	8 235,915	50 291,680	6,106	5,645
31	27	97 846	52 958,900	1 548 747,467	29,244	28,783	81	77	36 478	7 335,369	42 055,765	5,733	5,272
32	28	97 749	51 868,613	1 495 788,567	28,838	28,376	82	78	32 770	6 460,509	34 720,396	5,374	4,913
33	29	97 650	50 800,420	1 443 919,955	28,423	27,962	83	79	29 072	5 618,989	28 259,887	5,029	4,568
34	30	97 552	49 754,359	1 393 119,535	28,000	27,538	84	80	25 454	4 823,209	22 640,899	4,694	4,233
35	31	97 447	48 725,996	1 343 365,176	27,570	27,108	85	81	21 908	4 069,919	17 817,690	4,378	3,916
36	32	97 331	47 713,677	1 294 639,180	27,134	26,672	86	82	18 475	3 364,823	13 747,770	4,086	3,624
37	33	97 208	46 719,257	1 246 925,503	26,690	26,228	87	83	15 235	2 720,379	10 382,948	3,817	3,355
38	34	97 077	45 741,400	1 200 206,246	26,239	25,777	88	84	12 224	2 139,969	7 662,568	3,581	3,119
39	35	96 933	44 778,049	1 154 464,847	25,782	25,320	89	85	9 612	1 649,732	5 522,599	3,348	2,886
40	36	96 778	43 829,829	1 109 686,798	25,318	24,856	90	86	7 348	1 236,305	3 872,866	3,133	2,671
41	37	96 601	42 891,825	1 065 856,968	24,850	24,388	91	87	5 510	908,976	2 636,562	2,901	2,439
42	38	96 407	41 966,231	1 022 965,143	24,376	23,914	92	88	3 931	635,747	1 727,585	2,717	2,256
43	39	96 194	41 052,798	980 998,912	23,896	23,434	93	89	2 691	426,669	1 091,838	2,559	2,097
44	40	95 942	40 142,191	939 946,114	23,415	22,954	94	90	1 773	275,566	665,169	2,414	1,952
45	41	95 670	39 243,346	899 803,923	22,929	22,467	95	91	1 128	171,922	389,603	2,266	1,805
46	42	95 360	38 349,232	860 560,578	22,440	21,978	96	92	679	101,436	217,681	2,146	1,684
47	43	95 007	37 458,259	822 211,346	21,950	21,488	97	93	390	57,113	116,245	2,035	1,574
48	44	94 613	36 571,542	784 753,087	21,458	20,996	98	94	213	30,555	59,132	1,935	1,474
49	45	94 172	35 687,434	748 181,544	20,965	20,503	99	95	110	15,491	28,577	1,845	1,383
							100	96	54	7,423	13,086	1,763	1,301

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	34 851,391	718 097,874	20,605	20,143
1							51	46	93 279	33 976,050	683 246,483	20,110	19,648
2							52	47	92 687	33 098,519	649 270,432	19,616	19,155
3							53	48	92 039	32 222,841	616 171,913	19,122	18,661
4							54	49	91 342	31 351,571	583 949,072	18,626	18,164
5	0	99 510	90 129,116	3 391 624,255	37,631	37,169	55	50	90 566	30 475,977	552 597,501	18,132	17,671
6	1	99 180	88 068,963	3 301 495,139	37,488	37,026	56	51	89 731	29 602,964	522 121,525	17,637	17,176
7	2	99 141	86 308,471	3 213 426,176	37,232	36,770	57	52	88 841	28 734,570	492 518,561	17,140	16,679
8	3	99 116	84 594,324	3 127 117,705	36,966	36,504	58	53	87 889	27 869,344	463 783,990	16,641	16,180
9	4	99 092	82 915,748	3 042 523,381	36,694	36,233	59	54	86 848	26 998,978	435 914,646	16,146	15,684
10	5	99 072	81 273,229	2 959 607,633	36,416	35,954	60	55	85 740	26 132,024	408 915,668	15,648	15,186
11	6	99 054	79 665,305	2 878 334,404	36,130	35,669	61	56	84 526	25 256,794	382 783,644	15,156	14,694
12	7	99 036	78 089,384	2 798 669,099	35,839	35,378	62	57	83 258	24 390,327	357 526,850	14,659	14,197
13	8	99 018	76 543,819	2 720 579,715	35,543	35,081	63	58	81 896	23 520,655	333 136,523	14,164	13,702
14	9	99 003	75 031,729	2 644 035,896	35,239	34,777	64	59	80 451	22 652,849	309 615,868	13,668	13,206
15	10	98 980	73 543,718	2 569 004,167	34,932	34,470	65	60	78 916	21 784,881	286 963,018	13,173	12,711
16	11	98 952	72 081,476	2 495 460,449	34,620	34,158	66	61	77 261	20 909,877	265 178,137	12,682	12,220
17	12	98 915	70 641,548	2 423 378,973	34,305	33,844	67	62	75 542	20 043,532	244 268,260	12,187	11,725
18	13	98 874	69 227,465	2 352 737,425	33,986	33,524	68	63	73 714	19 175,186	224 224,727	11,693	11,232
19	14	98 809	67 825,673	2 283 509,960	33,667	33,206	69	64	71 784	18 306,852	205 049,542	11,201	10,739
20	15	98 743	66 451,270	2 215 684,287	33,343	32,881	70	65	69 727	17 433,554	186 742,689	10,712	10,250
21	16	98 671	65 100,558	2 149 233,017	33,014	32,552	71	66	67 555	16 559,334	169 309,136	10,224	9,763
22	17	98 599	63 777,830	2 084 132,459	32,678	32,216	72	67	65 268	15 685,243	152 749,801	9,738	9,277
23	18	98 526	62 481,134	2 020 354,628	32,335	31,874	73	68	62 798	14 795,667	137 064,559	9,264	8,802
24	19	98 451	61 208,903	1 957 873,495	31,987	31,525	74	69	60 190	13 903,006	122 268,891	8,794	8,333
25	20	98 373	59 961,259	1 896 664,592	31,632	31,170	75	70	57 381	12 994,310	108 365,885	8,339	7,878
26	21	98 294	58 738,312	1 836 703,333	31,269	30,808	76	71	54 443	12 087,345	95 371,575	7,890	7,429
27	22	98 212	57 538,972	1 777 965,021	30,900	30,439	77	72	51 345	11 175,866	83 284,230	7,452	6,991
28	23	98 128	56 362,098	1 720 426,049	30,525	30,063	78	73	48 038	10 251,074	72 108,364	7,034	6,573
29	24	98 045	55 210,156	1 664 063,952	30,141	29,679	79	74	44 579	9 326,405	61 857,290	6,632	6,171
30	25	97 959	54 080,482	1 608 853,796	29,749	29,288	80	75	41 069	8 423,602	52 530,885	6,236	5,775
31	26	97 872	52 973,052	1 554 773,314	29,350	28,889	81	76	37 427	7 526,139	44 107,283	5,861	5,399
32	27	97 774	51 882,005	1 501 800,262	28,946	28,485	82	77	33 747	6 653,146	36 581,143	5,498	5,037
33	28	97 676	50 813,618	1 449 918,256	28,534	28,072	83	78	30 072	5 812,295	29 927,998	5,149	4,687
34	29	97 579	49 768,163	1 399 104,639	28,112	27,651	84	79	26 447	5 011,390	24 115,703	4,812	4,351
35	30	97 473	48 739,372	1 349 336,476	27,685	27,223	85	80	22 901	4 254,448	19 104,313	4,490	4,029
36	31	97 362	47 729,238	1 300 597,104	27,249	26,788	86	81	19 437	3 540,040	14 849,865	4,195	3,733
37	32	97 242	46 735,443	1 252 867,866	26,808	26,346	87	82	16 154	2 884,409	11 309,825	3,921	3,459
38	33	97 112	45 757,955	1 206 132,423	26,359	25,897	88	83	13 074	2 288,637	8 425,416	3,681	3,220
39	34	96 972	44 796,228	1 160 374,468	25,903	25,442	89	84	10 380	1 781,541	6 136,779	3,445	2,983
40	35	96 819	43 848,515	1 115 578,240	25,442	24,980	90	85	8 033	1 351,589	4 355,237	3,222	2,761
41	36	96 646	42 911,836	1 071 729,725	24,975	24,514	91	86	6 100	1 006,227	3 003,648	2,985	2,523
42	37	96 457	41 988,346	1 028 817,889	24,502	24,041	92	87	4 440	718,084	1 997,421	2,782	2,320
43	38	96 251	41 077,016	986 829,542	24,024	23,562	93	88	3 077	487,880	1 279,338	2,622	2,161
44	39	96 009	40 170,441	945 752,526	23,543	23,082	94	89	2 061	320,339	791,458	2,471	2,009
45	40	95 738	39 271,338	905 582,085	23,060	22,598	95	90	1 324	201,833	471,119	2,334	1,873
46	41	95 439	38 381,126	866 310,748	22,571	22,110	96	91	821	122,677	269,286	2,195	1,733
47	42	95 097	37 493,726	827 929,622	22,082	21,620	97	92	481	70,421	146,609	2,082	1,620
48	43	94 713	36 610,186	790 435,896	21,591	21,129	98	93	268	38,525	76,188	1,978	1,516
49	44	94 279	35 727,836	753 825,709	21,099	20,638	99	94	142	19,999	37,663	1,883	1,422
							100	95	71	9,825	17,664	1,798	1,336

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	34 890,846	723 256,605	20,729	20,268
1							51	45	93 405	34 022,068	688 365,758	20,233	19,771
2							52	46	92 831	33 149,932	654 343,691	19,739	19,277
3							53	47	92 199	32 278,858	621 193,759	19,245	18,783
4							54	48	91 511	31 409,772	588 914,900	18,749	18,288
5							55	49	90 756	30 539,868	557 505,128	18,255	17,793
6	0	99 498	88 351,654	3 307 561,468	37,436	36,975	56	50	89 942	29 672,292	526 965,260	17,760	17,298
7	1	99 170	86 333,018	3 219 209,814	37,288	36,827	57	51	89 063	28 806,321	497 292,968	17,263	16,802
8	2	99 132	84 607,964	3 132 876,796	37,028	36,567	58	52	88 134	27 946,780	468 486,648	16,764	16,302
9	3	99 106	82 927,639	3 048 268,831	36,758	36,297	59	53	87 112	27 081,283	440 539,867	16,267	15,806
10	4	99 083	81 282,971	2 965 341,193	36,482	36,020	60	54	86 014	26 215,551	413 458,584	15,772	15,310
11	5	99 063	79 672,512	2 884 058,222	36,199	35,737	61	55	84 831	25 347,984	387 243,033	15,277	14,815
12	6	99 044	78 095,646	2 804 385,710	35,910	35,448	62	56	83 575	24 483,189	361 895,049	14,781	14,320
13	7	99 026	76 550,214	2 726 290,064	35,614	35,153	63	57	82 235	23 618,110	337 411,860	14,286	13,825
14	8	99 009	75 036,390	2 649 739,850	35,313	34,851	64	58	80 820	22 756,611	313 793,750	13,789	13,328
15	9	98 986	73 548,387	2 574 703,460	35,007	34,545	65	59	79 295	21 889,477	291 037,138	13,296	12,834
16	10	98 960	72 087,283	2 501 155,073	34,696	34,235	66	60	77 686	21 024,839	269 147,661	12,801	12,340
17	11	98 923	70 647,159	2 429 067,790	34,383	33,921	67	61	75 973	20 158,141	248 122,823	12,309	11,847
18	12	98 881	69 232,772	2 358 420,631	34,065	33,603	68	62	74 180	19 296,266	227 964,682	11,814	11,352
19	13	98 819	67 832,346	2 289 187,859	33,748	33,286	69	63	72 266	18 429,754	208 668,417	11,322	10,861
20	14	98 755	66 459,497	2 221 355,513	33,424	32,963	70	64	70 232	17 559,912	190 238,663	10,834	10,372
21	15	98 684	65 109,385	2 154 896,016	33,097	32,635	71	65	68 082	16 688,544	172 678,751	10,347	9,886
22	16	98 615	63 788,085	2 089 786,631	32,761	32,300	72	66	65 809	15 815,240	155 990,207	9,863	9,402
23	17	98 544	62 492,103	2 025 998,546	32,420	31,958	73	67	63 370	14 930,334	140 174,967	9,389	8,927
24	18	98 472	61 222,276	1 963 506,443	32,072	31,610	74	68	60 785	14 040,535	125 244,633	8,920	8,459
25	19	98 394	59 974,156	1 902 284,167	31,718	31,257	75	69	58 017	13 138,408	111 204,098	8,464	8,002
26	20	98 314	58 750,708	1 842 310,010	31,358	30,896	76	70	55 102	12 233,514	98 065,691	8,016	7,555
27	21	98 234	57 551,411	1 783 559,302	30,991	30,529	77	71	52 039	11 327,002	85 832,177	7,578	7,116
28	22	98 150	56 375,052	1 726 007,891	30,617	30,155	78	72	48 793	10 412,204	74 505,175	7,156	6,694
29	23	98 067	55 222,716	1 669 632,839	30,235	29,773	79	73	45 365	9 490,935	64 092,971	6,753	6,291
30	24	97 982	54 092,780	1 614 410,122	29,845	29,384	80	74	41 878	8 589,588	54 602,036	6,357	5,895
31	25	97 894	52 984,860	1 560 317,342	29,448	28,987	81	75	38 280	7 697,652	46 012,448	5,977	5,516
32	26	97 800	51 895,870	1 507 332,483	29,045	28,584	82	76	34 625	6 826,173	38 314,796	5,613	5,151
33	27	97 701	50 826,738	1 455 436,613	28,635	28,174	83	77	30 969	5 985,603	31 488,623	5,261	4,799
34	28	97 605	49 781,093	1 404 609,875	28,216	27,754	84	78	27 357	5 183,793	25 503,019	4,920	4,458
35	29	97 500	48 752,894	1 354 828,783	27,790	27,328	85	79	23 795	4 420,438	20 319,226	4,597	4,135
36	30	97 389	47 742,340	1 306 075,889	27,357	26,895	86	80	20 318	3 700,544	15 898,788	4,296	3,835
37	31	97 273	46 750,685	1 258 333,548	26,916	26,454	87	81	16 995	3 034,610	12 198,244	4,020	3,558
38	32	97 146	45 773,808	1 211 582,863	26,469	26,007	88	82	13 862	2 426,635	9 163,634	3,776	3,315
39	33	97 007	44 812,441	1 165 809,055	26,015	25,554	89	83	11 101	1 905,308	6 736,999	3,536	3,074
40	34	96 859	43 866,317	1 120 996,614	25,555	25,093	90	84	8 674	1 459,577	4 831,691	3,310	2,849
41	35	96 687	42 930,131	1 077 130,297	25,090	24,629	91	85	6 669	1 100,057	3 372,114	3,065	2,604
42	36	96 502	42 007,935	1 034 200,166	24,619	24,158	92	86	4 915	794,911	2 272,057	2,858	2,397
43	37	96 302	41 098,663	992 192,231	24,142	23,680	93	87	3 476	551,066	1 477,146	2,681	2,219
44	38	96 066	40 194,138	951 093,568	23,662	23,201	94	88	2 356	366,295	926,081	2,528	2,067
45	39	95 805	39 298,975	910 899,430	23,179	22,717	95	89	1 540	234,626	559,786	2,386	1,924
46	40	95 507	38 408,503	871 600,455	22,693	22,231	96	90	964	144,020	325,159	2,258	1,796
47	41	95 176	37 524,909	833 191,952	22,204	21,742	97	91	581	85,168	181,139	2,127	1,665
48	42	94 803	36 644,850	795 667,043	21,713	21,251	98	92	331	47,502	95,972	2,020	1,559
49	43	94 379	35 765,588	759 022,193	21,222	20,761	99	93	179	25,215	48,470	1,922	1,461
							100	94	92	12,684	23,254	1,833	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	34 927,714	728 000,139	20,843	20,381
1							51	44	93 511	34 060,584	693 072,425	20,348	19,887
2							52	45	92 956	33 194,830	659 011,841	19,853	19,391
3							53	46	92 342	32 328,998	625 817,011	19,358	18,896
4							54	47	91 670	31 464,375	593 488,013	18,862	18,401
5							55	48	90 925	30 596,563	562 023,637	18,369	17,907
6							56	49	90 130	29 734,499	531 427,075	17,872	17,411
7	0	99 488	86 610,137	3 224 805,378	37,234	36,772	57	50	89 272	28 873,783	501 692,576	17,375	16,914
8	1	99 160	84 632,028	3 138 195,241	37,080	36,619	58	51	88 354	28 016,563	472 818,793	16,876	16,415
9	2	99 122	82 941,010	3 053 563,212	36,816	36,354	59	52	87 354	27 156,530	444 802,230	16,379	15,918
10	3	99 098	81 294,627	2 970 622,202	36,541	36,080	60	53	86 276	26 295,468	417 645,700	15,883	15,421
11	4	99 075	79 682,061	2 889 327,575	36,261	35,799	61	54	85 102	25 429,005	391 350,232	15,390	14,928
12	5	99 053	78 102,711	2 809 645,514	35,974	35,512	62	55	83 877	24 571,586	365 921,227	14,892	14,430
13	6	99 034	76 556,352	2 731 542,803	35,680	35,219	63	56	82 548	23 708,032	341 349,641	14,398	13,936
14	7	99 017	75 042,659	2 654 986,451	35,380	34,918	64	57	81 155	22 850,901	317 641,609	13,901	13,439
15	8	98 993	73 552,956	2 579 943,791	35,076	34,614	65	58	79 658	21 989,742	294 790,709	13,406	12,944
16	9	98 967	72 091,860	2 506 390,836	34,767	34,305	66	59	78 059	21 125,785	272 800,966	12,913	12,452
17	10	98 931	70 652,850	2 434 298,976	34,454	33,993	67	60	76 391	20 268,969	251 675,181	12,417	11,955
18	11	98 889	69 238,271	2 363 646,126	34,138	33,676	68	61	74 604	19 406,601	231 406,212	11,924	11,462
19	12	98 826	67 837,546	2 294 407,854	33,822	33,360	69	62	72 722	18 546,126	211 999,611	11,431	10,969
20	13	98 765	66 466,036	2 226 570,308	33,499	33,038	70	63	70 703	17 677,799	193 453,485	10,943	10,482
21	14	98 696	65 117,446	2 160 104,273	33,172	32,711	71	64	68 575	16 809,502	175 775,686	10,457	9,995
22	15	98 628	63 796,733	2 094 986,827	32,838	32,377	72	65	66 323	15 938,644	158 966,184	9,974	9,512
23	16	98 560	62 502,151	2 031 190,093	32,498	32,036	73	66	63 895	15 054,074	143 027,540	9,501	9,039
24	17	98 489	61 233,025	1 968 687,942	32,151	31,689	74	67	61 338	14 168,328	127 973,465	9,032	8,571
25	18	98 415	59 987,260	1 907 454,917	31,798	31,336	75	68	58 591	13 268,373	113 805,137	8,577	8,116
26	19	98 336	58 763,345	1 847 467,657	31,439	30,978	76	69	55 713	12 369,175	100 536,764	8,128	7,666
27	20	98 254	57 563,556	1 788 704,312	31,074	30,612	77	70	52 668	11 463,976	88 167,589	7,691	7,229
28	21	98 172	56 387,240	1 731 140,756	30,701	30,239	78	71	49 453	10 553,013	76 703,614	7,268	6,807
29	22	98 090	55 235,409	1 674 753,515	30,320	29,859	79	72	46 078	9 640,117	66 150,601	6,862	6,400
30	23	98 004	54 105,087	1 619 518,106	29,933	29,471	80	73	42 617	8 741,119	56 510,484	6,465	6,003
31	24	97 916	52 996,909	1 565 413,019	29,538	29,076	81	74	39 034	7 849,333	47 769,365	6,086	5,624
32	25	97 822	51 907,437	1 512 416,111	29,137	28,675	82	75	35 414	6 981,735	39 920,032	5,718	5,256
33	26	97 727	50 840,320	1 460 508,674	28,727	28,266	83	76	31 774	6 141,270	32 938,297	5,363	4,902
34	27	97 630	49 793,946	1 409 668,354	28,310	27,848	84	77	28 172	5 338,362	26 797,027	5,020	4,558
35	28	97 526	48 765,560	1 359 874,408	27,886	27,424	85	78	24 613	4 572,511	21 458,665	4,693	4,231
36	29	97 416	47 755,586	1 311 108,848	27,455	26,993	86	79	21 111	3 844,923	16 886,154	4,392	3,930
37	30	97 300	46 763,519	1 263 353,262	27,016	26,554	87	80	17 765	3 172,198	13 041,230	4,111	3,649
38	31	97 177	45 788,737	1 216 589,743	26,570	26,108	88	81	14 584	2 552,997	9 869,032	3,866	3,404
39	32	97 041	44 827,967	1 170 801,007	26,118	25,656	89	82	11 771	2 020,192	7 316,035	3,621	3,160
40	33	96 894	43 882,193	1 125 973,040	25,659	25,197	90	83	9 277	1 560,977	5 295,843	3,393	2,931
41	34	96 727	42 947,560	1 082 090,846	25,196	24,734	91	84	7 201	1 187,948	3 734,866	3,144	2,682
42	35	96 544	42 025,845	1 039 143,287	24,726	24,265	92	85	5 373	869,036	2 546,918	2,931	2,469
43	36	96 347	41 117,837	997 117,442	24,250	23,789	93	86	3 847	610,024	1 677,882	2,751	2,289
44	37	96 117	40 215,320	955 999,605	23,772	23,310	94	87	2 662	413,735	1 067,859	2,581	2,119
45	38	95 862	39 322,158	915 784,286	23,289	22,828	95	88	1 760	268,286	654,124	2,438	1,977
46	39	95 574	38 435,533	876 462,127	22,803	22,342	96	89	1 121	167,420	385,838	2,305	1,843
47	40	95 244	37 551,675	838 026,594	22,317	21,855	97	90	683	99,985	218,418	2,185	1,723
48	41	94 882	36 675,327	800 474,919	21,826	21,364	98	91	400	57,449	118,433	2,062	1,600
49	42	94 468	35 799,452	763 799,592	21,336	20,874	99	92	221	31,091	60,984	1,961	1,500
							100	93	116	15,993	29,893	1,869	1,408

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	34 960,785	732 356,548	20,948	20,486
1							51	43	93 609	34 096,575	697 395,762	20,454	19,992
2							52	44	93 062	33 232,410	663 299,188	19,959	19,498
3							53	45	92 468	32 372,784	630 066,778	19,463	19,001
4							54	46	91 813	31 513,250	597 693,993	18,966	18,505
5							55	47	91 083	30 649,753	566 180,744	18,473	18,011
6							56	48	90 297	29 789,698	535 530,991	17,977	17,515
7							57	49	89 459	28 934,316	505 741,293	17,479	17,017
8	0	99 478	84 903,687	3 143 353,081	37,023	36,561	58	50	88 561	28 082,176	476 806,977	16,979	16,517
9	1	99 150	82 964,600	3 058 449,394	36,865	36,403	59	51	87 572	27 224,340	448 724,801	16,482	16,021
10	2	99 114	81 307,735	2 975 484,795	36,595	36,134	60	52	86 516	26 368,531	421 500,461	15,985	15,523
11	3	99 089	79 693,488	2 894 177,059	36,316	35,855	61	53	85 361	25 506,524	395 131,930	15,491	15,030
12	4	99 065	78 112,072	2 814 483,571	36,031	35,570	62	54	84 145	24 650,125	369 625,407	14,995	14,533
13	5	99 043	76 563,278	2 736 371,499	35,740	35,278	63	55	82 846	23 793,630	344 975,281	14,499	14,037
14	6	99 025	75 048,676	2 659 808,220	35,441	34,979	64	56	81 464	22 937,901	321 181,651	14,002	13,541
15	7	99 001	73 559,101	2 584 759,544	35,139	34,677	65	57	79 988	22 080,854	298 243,749	13,507	13,045
16	8	98 973	72 096,338	2 511 200,443	34,831	34,370	66	58	78 417	21 222,552	276 162,895	13,013	12,551
17	9	98 937	70 657,336	2 439 104,105	34,520	34,059	67	59	76 758	20 366,286	254 940,343	12,518	12,056
18	10	98 897	69 243,849	2 368 446,769	34,204	33,743	68	60	75 014	19 513,298	234 574,057	12,021	11,560
19	11	98 834	67 842,934	2 299 202,920	33,890	33,428	69	61	73 138	18 652,173	215 060,759	11,530	11,068
20	12	98 773	66 471,131	2 231 359,985	33,569	33,107	70	62	71 150	17 789,423	196 408,587	11,041	10,579
21	13	98 706	65 123,852	2 164 888,854	33,243	32,781	71	63	69 036	16 922,351	178 619,163	10,555	10,094
22	14	98 641	63 804,632	2 099 765,002	32,909	32,448	72	64	66 804	16 054,167	161 696,812	10,072	9,610
23	15	98 573	62 510,625	2 035 960,370	32,570	32,108	73	65	64 394	15 171,539	145 642,645	9,600	9,138
24	16	98 505	61 242,871	1 973 449,745	32,223	31,762	74	66	61 847	14 285,753	130 471,106	9,133	8,671
25	17	98 433	59 997,792	1 912 206,874	31,871	31,410	75	67	59 124	13 389,138	116 185,353	8,678	8,216
26	18	98 357	58 776,184	1 852 209,083	31,513	31,051	76	68	56 264	12 491,531	102 796,214	8,229	7,768
27	19	98 276	57 575,938	1 793 432,899	31,149	30,687	77	69	53 252	11 591,103	90 304,683	7,791	7,329
28	20	98 192	56 399,140	1 735 856,960	30,778	30,316	78	70	50 051	10 680,627	78 713,580	7,370	6,908
29	21	98 111	55 247,351	1 679 457,820	30,399	29,937	79	71	46 701	9 770,484	68 032,953	6,963	6,501
30	22	98 026	54 117,523	1 624 210,470	30,013	29,551	80	72	43 287	8 878,515	58 262,468	6,562	6,101
31	23	97 939	53 008,966	1 570 092,947	29,619	29,158	81	73	39 723	7 987,805	49 383,953	6,182	5,721
32	24	97 844	51 919,241	1 517 083,981	29,220	28,758	82	74	36 112	7 119,309	41 396,148	5,815	5,353
33	25	97 749	50 851,652	1 465 164,740	28,813	28,351	83	75	32 498	6 281,223	34 276,840	5,457	4,995
34	26	97 656	49 807,252	1 414 313,088	28,396	27,934	84	76	28 905	5 477,196	27 995,616	5,111	4,650
35	27	97 551	48 778,151	1 364 505,836	27,974	27,512	85	77	25 347	4 708,853	22 518,421	4,782	4,321
36	28	97 441	47 767,993	1 315 727,685	27,544	27,083	86	78	21 837	3 977,198	17 809,568	4,478	4,016
37	29	97 327	46 776,493	1 267 959,692	27,107	26,645	87	79	18 459	3 295,964	13 832,370	4,197	3,735
38	30	97 204	45 801,306	1 221 183,199	26,663	26,201	88	80	15 245	2 668,749	10 536,406	3,948	3,486
39	31	97 073	44 842,587	1 175 381,893	26,211	25,750	89	81	12 384	2 125,390	7 867,657	3,702	3,240
40	32	96 927	43 897,397	1 130 539,306	25,754	25,293	90	82	9 836	1 655,099	5 742,267	3,469	3,008
41	33	96 762	42 963,103	1 086 641,909	25,292	24,831	91	83	7 702	1 270,477	4 087,168	3,217	2,755
42	34	96 583	42 042,907	1 043 678,805	24,824	24,363	92	84	5 803	938,469	2 816,691	3,001	2,540
43	35	96 388	41 135,367	1 001 635,899	24,350	23,888	93	85	4 206	666,908	1 878,222	2,816	2,355
44	36	96 162	40 234,081	960 500,532	23,873	23,411	94	86	2 946	458,000	1 211,315	2,645	2,183
45	37	95 912	39 342,880	920 266,451	23,391	22,929	95	87	1 988	303,032	753,315	2,486	2,024
46	38	95 631	38 458,207	880 923,570	22,906	22,444	96	88	1 281	191,438	450,283	2,352	1,890
47	39	95 311	37 578,102	842 465,363	22,419	21,957	97	89	793	116,230	258,845	2,227	1,765
48	40	94 949	36 701,487	804 887,261	21,931	21,469	98	90	470	67,444	142,614	2,115	1,653
49	41	94 547	35 829,226	768 185,773	21,440	20,979	99	91	267	37,602	75,170	1,999	1,538
							100	92	143	19,719	37,568	1,905	1,444

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	34 989,861	736 352,844	21,045	20,583
1							51	42	93 698	34 128,859	701 362,983	20,550	20,089
2							52	43	93 160	33 267,526	667 234,124	20,057	19,595
3							53	44	92 572	32 409,434	633 966,599	19,561	19,100
4							54	45	91 937	31 555,931	601 557,165	19,063	18,602
5							55	46	91 224	30 697,362	570 001,234	18,568	18,107
6							56	47	90 454	29 841,485	539 303,872	18,072	17,611
7							57	48	89 625	28 988,030	509 462,387	17,575	17,113
8							58	49	88 746	28 141,049	480 474,357	17,074	16,612
9	0	99 469	83 230,906	3 063 201,588	36,804	36,342	59	50	87 778	27 288,097	452 333,308	16,576	16,115
10	1	99 142	81 330,860	2 979 970,681	36,640	36,178	60	51	86 732	26 434,373	425 045,211	16,079	15,618
11	2	99 105	79 706,338	2 898 639,821	36,366	35,905	61	52	85 599	25 577,394	398 610,837	15,584	15,123
12	3	99 079	78 123,274	2 818 933,483	36,083	35,622	62	53	84 402	24 725,270	373 033,443	15,087	14,626
13	4	99 055	76 572,455	2 740 810,209	35,794	35,332	63	54	83 111	23 869,683	348 308,173	14,592	14,130
14	5	99 034	75 055,466	2 664 237,753	35,497	35,035	64	55	81 758	23 020,719	324 438,490	14,093	13,632
15	6	99 009	73 565,000	2 589 182,288	35,196	34,734	65	56	80 293	22 164,923	301 417,771	13,599	13,137
16	7	98 981	72 102,361	2 515 617,288	34,890	34,428	66	57	78 742	21 310,485	279 252,847	13,104	12,642
17	8	98 943	70 661,725	2 443 514,927	34,580	34,119	67	58	77 110	20 459,575	257 942,362	12,607	12,146
18	9	98 904	69 248,245	2 372 853,202	34,266	33,804	68	59	75 374	19 606,987	237 482,787	12,112	11,651
19	10	98 842	67 848,400	2 303 604,956	33,952	33,491	69	60	73 540	18 754,721	217 875,801	11,617	11,156
20	11	98 780	66 476,411	2 235 756,556	33,632	33,171	70	61	71 557	17 891,143	199 121,080	11,130	10,668
21	12	98 714	65 128,844	2 169 280,145	33,308	32,846	71	62	69 471	17 029,206	181 229,937	10,642	10,181
22	13	98 650	63 810,909	2 104 151,301	32,975	32,513	72	63	67 252	16 161,945	164 200,731	10,160	9,698
23	14	98 585	62 518,365	2 040 340,392	32,636	32,174	73	64	64 860	15 281,502	148 038,786	9,687	9,226
24	15	98 519	61 251,174	1 977 822,027	32,290	31,829	74	65	62 329	14 397,223	132 757,284	9,221	8,759
25	16	98 449	60 007,439	1 916 570,853	31,939	31,477	75	66	59 614	13 500,106	118 360,061	8,767	8,306
26	17	98 374	58 786,503	1 856 563,414	31,581	31,120	76	67	56 776	12 605,226	104 859,955	8,319	7,857
27	18	98 297	57 588,518	1 797 776,911	31,218	30,756	77	68	53 779	11 705,763	92 254,729	7,881	7,420
28	19	98 213	56 411,271	1 740 188,393	30,848	30,387	78	69	50 606	10 799,068	80 548,967	7,459	6,997
29	20	98 131	55 259,010	1 683 777,122	30,471	30,009	79	70	47 266	9 888,636	69 749,899	7,054	6,592
30	21	98 048	54 129,223	1 628 518,112	30,086	29,624	80	71	43 872	8 998,583	59 861,263	6,652	6,191
31	22	97 961	53 021,150	1 574 388,889	29,694	29,232	81	72	40 347	8 113,360	50 862,680	6,269	5,807
32	23	97 866	51 931,053	1 521 367,740	29,296	28,834	82	73	36 749	7 244,902	42 749,319	5,901	5,439
33	24	97 771	50 863,216	1 469 436,687	28,890	28,428	83	74	33 139	6 404,994	35 504,418	5,543	5,082
34	25	97 678	49 818,354	1 418 573,471	28,475	28,013	84	75	29 564	5 602,015	29 099,424	5,194	4,733
35	26	97 577	48 791,186	1 368 755,117	28,053	27,592	85	76	26 006	4 831,315	23 497,408	4,864	4,402
36	27	97 466	47 780,326	1 319 963,931	27,626	27,164	86	77	22 488	4 095,788	18 666,093	4,557	4,096
37	28	97 352	46 788,646	1 272 183,604	27,190	26,728	87	78	19 094	3 409,352	14 570,305	4,274	3,812
38	29	97 231	45 814,013	1 225 394,959	26,747	26,286	88	79	15 840	2 772,873	11 160,952	4,025	3,563
39	30	97 099	44 854,897	1 179 580,946	26,298	25,836	89	80	12 945	2 221,755	8 388,080	3,775	3,314
40	31	96 959	43 911,713	1 134 726,049	25,841	25,379	90	81	10 349	1 741,285	6 166,325	3,541	3,080
41	32	96 795	42 977,988	1 090 814,335	25,381	24,919	91	82	8 166	1 347,083	4 425,040	3,285	2,823
42	33	96 618	42 058,123	1 047 836,347	24,914	24,452	92	83	6 206	1 003,666	3 077,958	3,067	2,605
43	34	96 427	41 152,067	1 005 778,224	24,441	23,979	93	84	4 542	720,192	2 074,292	2,880	2,419
44	35	96 203	40 251,235	964 626,157	23,965	23,504	94	85	3 221	500,708	1 354,100	2,704	2,243
45	36	95 957	39 361,235	924 374,922	23,484	23,023	95	86	2 201	335,453	853,392	2,544	2,082
46	37	95 681	38 478,474	885 013,687	23,000	22,539	96	87	1 447	216,232	517,939	2,395	1,934
47	38	95 367	37 600,270	846 535,213	22,514	22,052	97	88	907	132,905	301,707	2,270	1,808
48	39	95 016	36 727,316	808 934,943	22,025	21,564	98	89	546	78,402	168,802	2,153	1,691
49	40	94 614	35 854,783	772 207,627	21,537	21,075	99	90	314	44,143	90,400	2,048	1,586
							100	91	173	23,848	46,257	1,940	1,478



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	35 014,820	740 014,761	21,134	20,673
1							51	41	93 776	34 157,243	704 999,941	20,640	20,178
2							52	42	93 248	33 299,025	670 842,699	20,146	19,684
3							53	43	92 670	32 443,680	637 543,674	19,651	19,189
4							54	44	92 041	31 591,656	605 099,995	19,154	18,692
5							55	45	91 348	30 738,938	573 508,339	18,657	18,196
6							56	46	90 595	29 887,839	542 769,401	18,160	17,699
7							57	47	89 781	29 038,423	512 881,562	17,662	17,201
8							58	48	88 911	28 193,291	483 843,139	17,162	16,700
9							59	49	87 962	27 345,306	455 649,848	16,663	16,201
10	0	99 460	81 591,923	2 984 348,037	36,577	36,115	60	50	86 935	26 496,281	428 304,543	16,165	15,703
11	1	99 133	79 729,008	2 902 756,114	36,408	35,946	61	51	85 812	25 641,261	401 808,262	15,670	15,209
12	2	99 095	78 135,871	2 823 027,106	36,130	35,668	62	52	84 636	24 793,970	376 167,000	15,172	14,710
13	3	99 069	76 583,436	2 744 891,235	35,842	35,380	63	53	83 364	23 942,448	351 373,030	14,676	14,214
14	4	99 046	75 064,462	2 668 307,799	35,547	35,085	64	54	82 019	23 094,301	327 430,582	14,178	13,716
15	5	99 018	73 571,655	2 593 243,337	35,248	34,786	65	55	80 583	22 244,950	304 336,281	13,681	13,220
16	6	98 989	72 108,143	2 519 671,682	34,943	34,481	66	56	79 041	21 391,621	282 091,330	13,187	12,725
17	7	98 952	70 667,629	2 447 563,539	34,635	34,173	67	57	77 429	20 544,346	260 699,709	12,690	12,228
18	8	98 910	69 252,547	2 376 895,910	34,322	33,861	68	58	75 719	19 696,797	240 155,363	12,193	11,731
19	9	98 849	67 852,708	2 307 643,364	34,010	33,548	69	59	73 893	18 844,768	220 458,566	11,699	11,237
20	10	98 788	66 481,766	2 239 790,656	33,690	33,229	70	60	71 950	17 989,507	201 613,797	11,207	10,746
21	11	98 721	65 134,018	2 173 308,890	33,367	32,905	71	61	69 869	17 126,579	183 624,290	10,722	10,260
22	12	98 658	63 815,801	2 108 174,872	33,035	32,574	72	62	67 677	16 263,998	166 497,712	10,237	9,776
23	13	98 595	62 524,515	2 044 359,071	32,697	32,235	73	63	65 296	15 384,093	150 233,714	9,766	9,304
24	14	98 531	61 258,757	1 981 834,556	32,352	31,890	74	64	62 781	14 501,574	134 849,621	9,299	8,837
25	15	98 462	60 015,575	1 920 575,798	32,001	31,540	75	65	60 079	13 605,445	120 348,047	8,846	8,384
26	16	98 390	58 795,955	1 860 560,224	31,644	31,183	76	66	57 246	12 709,696	106 742,602	8,399	7,937
27	17	98 314	57 598,629	1 801 764,268	31,281	30,820	77	67	54 269	11 812,305	94 032,906	7,961	7,499
28	18	98 235	56 423,597	1 744 165,640	30,912	30,450	78	68	51 106	10 905,893	82 220,601	7,539	7,077
29	19	98 153	55 270,896	1 687 742,043	30,536	30,074	79	69	47 790	9 998,294	71 314,708	7,133	6,671
30	20	98 068	54 140,646	1 632 471,147	30,152	29,691	80	70	44 403	9 107,400	61 316,414	6,733	6,271
31	21	97 982	53 032,613	1 578 330,502	29,762	29,300	81	71	40 893	8 223,081	52 209,014	6,349	5,887
32	22	97 889	51 942,989	1 525 297,889	29,365	28,903	82	72	37 327	7 358,780	43 985,933	5,977	5,516
33	23	97 793	50 874,788	1 473 354,900	28,960	28,499	83	73	33 723	6 517,986	36 627,153	5,619	5,158
34	24	97 700	49 829,683	1 422 480,112	28,547	28,085	84	74	30 146	5 712,402	30 109,167	5,271	4,809
35	25	97 599	48 802,061	1 372 650,429	28,127	27,665	85	75	26 599	4 941,416	24 396,765	4,937	4,476
36	26	97 493	47 793,095	1 323 848,368	27,700	27,238	86	76	23 073	4 202,307	19 455,349	4,630	4,168
37	27	97 378	46 800,726	1 276 055,273	27,266	26,804	87	77	19 663	3 511,011	15 253,042	4,344	3,883
38	28	97 256	45 825,916	1 229 254,547	26,824	26,363	88	78	16 385	2 868,266	11 742,031	4,094	3,632
39	29	97 126	44 867,341	1 183 428,631	26,376	25,915	89	79	13 450	2 308,438	8 873,765	3,844	3,382
40	30	96 985	43 923,768	1 138 561,290	25,921	25,460	90	80	10 818	1 820,234	6 565,327	3,607	3,145
41	31	96 827	42 992,005	1 094 637,522	25,461	25,000	91	81	8 591	1 417,229	4 745,093	3,348	2,887
42	32	96 651	42 072,695	1 051 645,517	24,996	24,534	92	82	6 580	1 064,184	3 327,864	3,127	2,666
43	33	96 462	41 166,961	1 009 572,822	24,524	24,062	93	83	4 858	770,225	2 263,680	2,939	2,477
44	34	96 242	40 267,576	968 405,861	24,049	23,588	94	84	3 478	540,713	1 493,455	2,762	2,300
45	35	95 998	39 378,016	928 138,285	23,570	23,108	95	85	2 406	366,734	952,742	2,598	2,136
46	36	95 726	38 496,425	888 760,269	23,087	22,625	96	86	1 602	239,366	586,008	2,448	1,987
47	37	95 417	37 620,085	850 263,844	22,601	22,140	97	87	1 025	150,118	346,642	2,309	1,848
48	38	95 072	36 748,982	812 643,759	22,113	21,652	98	88	624	89,650	196,524	2,192	1,731
49	39	94 681	35 880,016	775 894,777	21,625	21,163	99	89	364	51,316	106,874	2,083	1,621
							100	90	203	27,997	55,559	1,984	1,523

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	35 039,461	743 370,488	21,215	20,754
1							51	40	93 843	34 181,607	708 331,026	20,723	20,261
2							52	41	93 326	33 326,718	674 149,419	20,228	19,767
3							53	42	92 758	32 474,399	640 822,701	19,733	19,272
4							54	43	92 138	31 625,038	608 348,302	19,236	18,775
5							55	44	91 451	30 773,738	576 723,264	18,741	18,279
6							56	45	90 718	29 928,319	545 949,527	18,242	17,780
7							57	46	89 920	29 083,529	516 021,208	17,743	17,281
8							58	47	89 066	28 242,303	486 937,679	17,241	16,780
9							59	48	88 125	27 396,069	458 695,376	16,743	16,281
10							60	49	87 117	26 551,829	431 299,306	16,244	15,782
11	0	99 451	79 984,929	2 906 787,981	36,342	35,880	61	50	86 013	25 701,312	404 747,477	15,748	15,287
12	1	99 123	78 158,094	2 826 803,052	36,168	35,706	62	51	84 848	24 855,881	379 046,166	15,250	14,788
13	2	99 085	76 595,785	2 748 644,958	35,885	35,423	63	52	83 596	24 008,973	354 190,285	14,752	14,291
14	3	99 060	75 075,227	2 672 049,173	35,592	35,130	64	53	82 269	23 164,703	330 181,312	14,254	13,792
15	4	99 030	73 580,473	2 596 973,946	35,294	34,833	65	54	80 840	22 316,053	307 016,609	13,758	13,296
16	5	98 998	72 114,666	2 523 393,473	34,991	34,530	66	55	79 327	21 468,856	284 700,556	13,261	12,799
17	6	98 960	70 673,295	2 451 278,807	34,685	34,223	67	56	77 724	20 622,565	263 231,700	12,764	12,303
18	7	98 918	69 258,333	2 380 605,512	34,373	33,911	68	57	76 033	19 778,408	242 609,134	12,266	11,805
19	8	98 855	67 856,923	2 311 347,179	34,062	33,600	69	58	74 231	18 931,087	222 830,726	11,771	11,309
20	9	98 795	66 485,987	2 243 490,256	33,744	33,282	70	59	72 296	18 075,880	203 899,639	11,280	10,819
21	10	98 729	65 139,265	2 177 004,269	33,421	32,959	71	60	70 253	17 220,739	185 823,759	10,791	10,329
22	11	98 666	63 820,870	2 111 865,004	33,091	32,629	72	61	68 064	16 356,995	168 603,019	10,308	9,846
23	12	98 602	62 529,309	2 048 044,134	32,753	32,292	73	62	65 708	15 481,234	152 246,024	9,834	9,373
24	13	98 541	61 264,784	1 985 514,826	32,409	31,947	74	63	63 202	14 598,929	136 764,790	9,368	8,907
25	14	98 474	60 023,005	1 924 250,042	32,059	31,597	75	64	60 515	13 704,057	122 165,861	8,915	8,453
26	15	98 404	58 803,927	1 864 227,037	31,702	31,241	76	65	57 693	12 808,868	108 461,804	8,468	8,006
27	16	98 330	57 607,890	1 805 423,110	31,340	30,878	77	66	54 718	11 910,204	95 652,936	8,031	7,570
28	17	98 252	56 433,503	1 747 815,220	30,971	30,510	78	67	51 571	11 005,155	83 742,732	7,609	7,148
29	18	98 174	55 282,972	1 691 381,717	30,595	30,133	79	68	48 263	10 097,197	72 737,577	7,204	6,742
30	19	98 089	54 152,291	1 636 098,745	30,213	29,751	80	69	44 895	9 208,395	62 640,380	6,803	6,341
31	20	98 003	53 043,804	1 581 946,454	29,823	29,362	81	70	41 387	8 322,520	53 431,985	6,420	5,959
32	21	97 910	51 954,219	1 528 902,650	29,428	28,966	82	71	37 832	7 458,296	45 109,465	6,048	5,587
33	22	97 816	50 886,481	1 476 948,431	29,024	28,563	83	72	34 253	6 620,438	37 651,168	5,687	5,226
34	23	97 722	49 841,020	1 426 061,950	28,612	28,151	84	73	30 678	5 813,176	31 030,730	5,338	4,876
35	24	97 621	48 813,159	1 376 220,930	28,194	27,732	85	74	27 123	5 038,786	25 217,555	5,005	4,543
36	25	97 514	47 803,747	1 327 407,771	27,768	27,306	86	75	23 599	4 298,073	20 178,769	4,695	4,233
37	26	97 404	46 813,233	1 279 604,023	27,334	26,873	87	76	20 174	3 602,322	15 880,696	4,408	3,947
38	27	97 281	45 837,748	1 232 790,791	26,895	26,433	88	77	16 873	2 953,791	12 278,374	4,157	3,695
39	28	97 152	44 878,998	1 186 953,043	26,448	25,986	89	78	13 913	2 387,854	9 324,584	3,905	3,443
40	29	97 012	43 935,954	1 142 074,045	25,994	25,532	90	79	11 240	1 891,252	6 936,730	3,668	3,206
41	30	96 853	43 003,807	1 098 138,091	25,536	25,074	91	80	8 981	1 481,486	5 045,478	3,406	2,944
42	31	96 683	42 086,416	1 055 134,284	25,071	24,609	92	81	6 923	1 119,599	3 563,992	3,183	2,722
43	32	96 495	41 181,224	1 013 047,868	24,600	24,138	93	82	5 151	816,667	2 444,392	2,993	2,532
44	33	96 276	40 282,150	971 866,644	24,126	23,665	94	83	3 720	578,277	1 627,726	2,815	2,353
45	34	96 037	39 394,003	931 584,494	23,648	23,186	95	84	2 599	396,035	1 049,448	2,650	2,188
46	35	95 766	38 512,838	892 190,491	23,166	22,704	96	85	1 751	261,687	653,414	2,497	2,035
47	36	95 462	37 637,636	853 677,654	22,681	22,220	97	86	1 134	166,179	391,727	2,357	1,896
48	37	95 122	36 768,348	816 040,018	22,194	21,732	98	87	705	101,261	225,548	2,227	1,766
49	38	94 736	35 901,182	779 271,670	21,706	21,244	99	88	417	58,678	124,287	2,118	1,657
							100	89	236	32,546	65,610	2,016	1,554

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	35 060,132	746 442,922	21,290	20,829
1							51	39	93 909	34 205,663	711 382,791	20,797	20,336
2							52	40	93 392	33 350,490	677 177,128	20,305	19,843
3							53	41	92 835	32 501,407	643 826,637	19,809	19,348
4							54	42	92 226	31 654,981	611 325,231	19,312	18,851
5							55	43	91 548	30 806,255	579 670,249	18,817	18,355
6							56	44	90 820	29 962,201	548 863,994	18,319	17,857
7							57	45	90 042	29 122,920	518 901,794	17,818	17,356
8							58	46	89 204	28 286,172	489 778,874	17,315	16,854
9							59	47	88 278	27 443,696	461 492,701	16,816	16,354
10							60	48	87 279	26 601,120	434 049,006	16,317	15,855
11							61	49	86 194	25 755,193	407 447,886	15,820	15,358
12	0	99 442	78 408,972	2 830 517,121	36,099	35,638	62	50	85 046	24 914,092	381 692,693	15,320	14,859
13	1	99 113	76 617,570	2 752 108,149	35,920	35,458	63	51	83 805	24 068,924	356 778,601	14,823	14,362
14	2	99 076	75 087,332	2 675 490,579	35,632	35,170	64	52	82 498	23 229,067	332 709,677	14,323	13,861
15	3	99 044	73 591,025	2 600 403,247	35,336	34,874	65	53	81 087	22 384,082	309 480,610	13,826	13,364
16	4	99 010	72 123,310	2 526 812,222	35,035	34,573	66	54	79 580	21 537,478	287 096,528	13,330	12,868
17	5	98 969	70 679,689	2 454 688,912	34,730	34,268	67	55	78 004	20 697,024	265 559,500	12,831	12,369
18	6	98 926	69 263,886	2 384 009,223	34,419	33,958	68	56	76 323	19 853,711	244 862,026	12,333	11,872
19	7	98 863	67 862,592	2 314 745,337	34,109	33,648	69	57	74 539	19 009,526	225 008,315	11,837	11,375
20	8	98 801	66 490,117	2 246 882,745	33,793	33,331	70	58	72 627	18 158,677	205 998,789	11,344	10,883
21	9	98 736	65 143,401	2 180 392,628	33,471	33,009	71	59	70 590	17 303,421	187 840,112	10,856	10,394
22	10	98 674	63 826,011	2 115 249,227	33,141	32,679	72	60	68 438	16 446,925	170 536,691	10,369	9,907
23	11	98 610	62 534,275	2 051 423,216	32,805	32,343	73	61	66 084	15 569,755	154 089,766	9,897	9,435
24	12	98 548	61 269,481	1 988 888,941	32,461	32,000	74	62	63 602	14 691,112	138 520,010	9,429	8,967
25	13	98 484	60 028,910	1 927 619,460	32,112	31,650	75	63	60 921	13 796,058	123 828,898	8,976	8,514
26	14	98 416	58 811,207	1 867 590,550	31,756	31,294	76	64	58 111	12 901,706	110 032,840	8,529	8,067
27	15	98 343	57 615,700	1 808 779,343	31,394	30,932	77	65	55 145	12 003,138	97 131,134	8,092	7,631
28	16	98 268	56 442,577	1 751 163,642	31,026	30,564	78	66	51 999	11 096,365	85 127,996	7,672	7,210
29	17	98 191	55 292,678	1 694 721,066	30,650	30,188	79	67	48 702	10 189,099	74 031,632	7,266	6,804
30	18	98 111	54 164,123	1 639 428,388	30,268	29,806	80	68	45 339	9 299,485	63 842,533	6,865	6,404
31	19	98 024	53 055,214	1 585 264,265	29,880	29,418	81	69	41 846	8 414,811	54 543,048	6,482	6,020
32	20	97 930	51 965,183	1 532 209,051	29,485	29,024	82	70	38 289	7 548,487	46 128,237	6,111	5,649
33	21	97 837	50 897,483	1 480 243,868	29,083	28,621	83	71	34 716	6 709,969	38 579,750	5,750	5,288
34	22	97 745	49 852,475	1 429 346,386	28,672	28,210	84	72	31 160	5 904,550	31 869,781	5,397	4,936
35	23	97 643	48 824,264	1 379 493,910	28,254	27,793	85	73	27 602	5 127,676	25 965,231	5,064	4,602
36	24	97 536	47 814,618	1 330 669,646	27,830	27,368	86	74	24 064	4 382,766	20 837,555	4,754	4,293
37	25	97 425	46 823,667	1 282 855,028	27,398	26,936	87	75	20 634	3 684,415	16 454,789	4,466	4,004
38	26	97 307	45 849,997	1 236 031,360	26,958	26,497	88	76	17 312	3 030,609	12 770,374	4,214	3,752
39	27	97 177	44 890,585	1 190 181,363	26,513	26,051	89	77	14 328	2 459,054	9 739,765	3,961	3,499
40	28	97 038	43 947,369	1 145 290,778	26,061	25,599	90	78	11 627	1 956,315	7 280,711	3,722	3,260
41	29	96 880	43 015,738	1 101 343,409	25,603	25,142	91	79	9 331	1 539,287	5 324,396	3,459	2,997
42	30	96 709	42 097,969	1 058 327,671	25,140	24,678	92	80	7 237	1 170,362	3 785,109	3,234	2,773
43	31	96 527	41 194,654	1 016 229,702	24,669	24,207	93	81	5 419	859,193	2 614,747	3,043	2,582
44	32	96 310	40 296,106	975 035,048	24,197	23,735	94	82	3 944	613,145	1 755,553	2,863	2,402
45	33	96 072	39 408,261	934 738,942	23,719	23,258	95	83	2 779	423,548	1 142,408	2,697	2,236
46	34	95 805	38 528,473	895 330,681	23,238	22,777	96	84	1 891	282,595	718,860	2,544	2,082
47	35	95 503	37 653,682	856 802,208	22,755	22,293	97	85	1 240	181,675	436,265	2,401	1,940
48	36	95 167	36 785,502	819 148,525	22,268	21,807	98	86	781	112,094	254,590	2,271	1,810
49	37	94 786	35 920,101	782 363,023	21,781	21,319	99	87	471	66,277	142,496	2,150	1,688
							100	88	270	37,216	76,219	2,048	1,586

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	35 078,608	749 255,101	21,359	20,898
1							51	38	93 964	34 225,841	714 176,493	20,867	20,405
2							52	39	93 458	33 373,961	679 950,652	20,374	19,912
3							53	40	92 901	32 524,590	646 576,691	19,880	19,418
4							54	41	92 302	31 681,308	614 052,101	19,382	18,921
5							55	42	91 635	30 835,424	582 370,793	18,886	18,425
6							56	43	90 916	29 993,861	551 535,369	18,388	17,927
7							57	44	90 144	29 155,890	521 541,508	17,888	17,426
8							58	45	89 325	28 324,483	492 385,618	17,384	16,922
9							59	46	88 415	27 486,325	464 061,135	16,883	16,422
10							60	47	87 431	26 647,364	436 574,811	16,383	15,922
11							61	48	86 354	25 803,005	409 927,447	15,887	15,425
12							62	49	85 225	24 966,323	384 124,441	15,386	14,924
13	0	99 431	76 863,503	2 755 530,368	35,850	35,388	63	50	84 001	24 125,292	359 158,118	14,887	14,426
14	1	99 104	75 108,688	2 678 666,865	35,664	35,202	64	51	82 704	23 287,070	335 032,827	14,387	13,925
15	2	99 060	73 602,891	2 603 558,177	35,373	34,911	65	52	81 312	22 446,277	311 745,756	13,889	13,427
16	3	99 024	72 133,653	2 529 955,286	35,073	34,612	66	53	79 823	21 603,134	289 299,479	13,392	12,930
17	4	98 980	70 688,161	2 457 821,632	34,770	34,308	67	54	78 254	20 763,178	267 696,345	12,893	12,431
18	5	98 935	69 270,152	2 387 133,472	34,461	34,000	68	55	76 598	19 925,394	246 933,167	12,393	11,931
19	6	98 871	67 868,033	2 317 863,319	34,153	33,691	69	56	74 823	19 081,901	227 007,774	11,896	11,435
20	7	98 809	66 495,672	2 249 995,286	33,837	33,375	70	57	72 928	18 233,915	207 925,872	11,403	10,942
21	8	98 742	65 147,447	2 183 499,614	33,516	33,055	71	58	70 914	17 382,680	189 691,957	10,913	10,451
22	9	98 680	63 830,064	2 118 352,167	33,187	32,726	72	59	68 767	16 525,891	172 309,277	10,427	9,965
23	10	98 618	62 539,313	2 054 522,103	32,852	32,390	73	60	66 447	15 655,357	155 783,385	9,951	9,489
24	11	98 556	61 274,347	1 991 982,790	32,509	32,048	74	61	63 965	14 775,116	140 128,028	9,484	9,022
25	12	98 491	60 033,512	1 930 708,443	32,161	31,699	75	62	61 306	13 883,172	125 352,913	9,029	8,568
26	13	98 425	58 816,993	1 870 674,931	31,805	31,343	76	63	58 501	12 988,321	111 469,741	8,582	8,121
27	14	98 356	57 622,834	1 811 857,937	31,443	30,982	77	64	55 545	12 090,136	98 481,420	8,146	7,684
28	15	98 281	56 450,229	1 754 235,104	31,076	30,614	78	65	52 405	11 182,948	86 391,284	7,725	7,264
29	16	98 207	55 301,568	1 697 784,875	30,700	30,239	79	66	49 106	10 273,545	75 208,336	7,321	6,859
30	17	98 128	54 173,632	1 642 483,306	30,319	29,857	80	67	45 752	9 384,126	64 934,791	6,920	6,458
31	18	98 046	53 066,806	1 588 309,674	29,930	29,469	81	68	42 260	8 498,051	55 550,665	6,537	6,075
32	19	97 952	51 976,361	1 535 242,868	29,537	29,076	82	69	38 714	7 632,194	47 052,614	6,165	5,703
33	20	97 857	50 908,224	1 483 266,508	29,136	28,674	83	70	35 136	6 791,111	39 420,420	5,805	5,343
34	21	97 766	49 863,253	1 432 358,284	28,726	28,264	84	71	31 582	5 984,399	32 629,309	5,452	4,991
35	22	97 666	48 835,487	1 382 495,031	28,309	27,848	85	72	28 036	5 208,275	26 644,910	5,116	4,654
36	23	97 559	47 825,496	1 333 659,544	27,886	27,424	86	73	24 488	4 460,083	21 436,635	4,806	4,345
37	24	97 447	46 834,315	1 285 834,048	27,455	26,993	87	74	21 041	3 757,016	16 976,552	4,519	4,057
38	25	97 329	45 860,217	1 238 999,733	27,017	26,555	88	75	17 706	3 099,674	13 219,536	4,265	3,803
39	26	97 203	44 902,582	1 193 139,516	26,572	26,110	89	76	14 701	2 523,006	10 119,862	4,011	3,549
40	27	97 063	43 958,716	1 148 236,934	26,121	25,659	90	77	11 973	2 014,648	7 596,856	3,771	3,309
41	28	96 905	43 026,913	1 104 278,218	25,665	25,203	91	78	9 652	1 592,242	5 582,208	3,506	3,044
42	29	96 736	42 109,649	1 061 251,305	25,202	24,740	92	79	7 519	1 216,024	3 989,966	3,281	2,820
43	30	96 553	41 205,963	1 019 141,656	24,733	24,271	93	80	5 665	898,149	2 773,942	3,089	2,627
44	31	96 341	40 309,248	977 935,693	24,261	23,799	94	81	4 150	645,074	1 875,793	2,908	2,446
45	32	96 105	39 421,914	937 626,445	23,784	23,323	95	82	2 947	449,087	1 230,719	2,740	2,279
46	33	95 840	38 542,418	898 204,531	23,304	22,843	96	83	2 023	302,227	781,632	2,586	2,125
47	34	95 541	37 668,969	859 662,114	22,821	22,360	97	84	1 339	196,190	479,405	2,444	1,982
48	35	95 207	36 801,185	821 993,145	22,336	21,874	98	85	853	122,547	283,215	2,311	1,849
49	36	94 831	35 936,859	785 191,960	21,849	21,388	99	86	521	73,368	160,668	2,190	1,728
							100	87	305	42,035	87,300	2,077	1,615

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	35 094,973	751 828,393	21,423	20,961
1							51	37	94 014	34 243,877	716 733,420	20,930	20,469
2							52	38	93 513	33 393,649	682 489,543	20,438	19,976
3							53	39	92 966	32 547,479	649 095,894	19,943	19,481
4							54	40	92 368	31 703,906	616 548,415	19,447	18,985
5							55	41	91 711	30 861,069	584 844,508	18,951	18,489
6							56	42	91 002	30 022,260	553 983,440	18,452	17,991
7							57	43	90 239	29 186,698	523 961,179	17,952	17,490
8							58	44	89 426	28 356,549	494 774,481	17,448	16,987
9							59	45	88 535	27 523,552	466 417,932	16,946	16,485
10							60	46	87 567	26 688,756	438 894,380	16,445	15,983
11							61	47	86 504	25 847,862	412 205,624	15,947	15,486
12							62	48	85 383	25 012,671	386 357,762	15,446	14,985
13							63	49	84 177	24 175,869	361 345,091	14,947	14,485
14	0	99 422	75 349,778	2 681 821,371	35,592	35,130	64	50	82 898	23 341,607	337 169,222	14,445	13,983
15	1	99 088	73 623,825	2 606 471,593	35,403	34,941	65	51	81 515	22 502,325	313 827,615	13,946	13,485
16	2	99 040	72 145,284	2 532 847,768	35,108	34,646	66	52	80 045	21 663,159	291 325,290	13,448	12,986
17	3	98 995	70 698,298	2 460 702,484	34,806	34,344	67	53	78 492	20 826,474	269 662,130	12,948	12,486
18	4	98 947	69 278,455	2 390 004,186	34,499	34,037	68	54	76 843	19 989,082	248 835,657	12,449	11,987
19	5	98 880	67 874,173	2 320 725,731	34,192	33,730	69	55	75 093	19 150,797	228 846,575	11,950	11,488
20	6	98 817	66 501,004	2 252 851,558	33,877	33,415	70	56	73 205	18 303,338	209 695,778	11,457	10,995
21	7	98 750	65 152,890	2 186 350,554	33,557	33,096	71	57	71 207	17 454,703	191 392,440	10,965	10,503
22	8	98 686	63 834,029	2 121 197,664	33,230	32,768	72	58	69 082	16 601,589	173 937,737	10,477	10,016
23	9	98 624	62 543,284	2 057 363,635	32,895	32,433	73	59	66 766	15 730,523	157 336,148	10,002	9,540
24	10	98 564	61 279,284	1 994 820,351	32,553	32,091	74	60	64 317	14 856,348	141 605,625	9,532	9,070
25	11	98 499	60 038,280	1 933 541,068	32,205	31,744	75	61	61 656	13 962,556	126 749,277	9,078	8,616
26	12	98 433	58 821,502	1 873 502,787	31,851	31,389	76	62	58 871	13 070,334	112 786,721	8,629	8,168
27	13	98 365	57 628,503	1 814 681,285	31,489	31,028	77	63	55 918	12 171,302	99 716,387	8,193	7,731
28	14	98 293	56 457,218	1 757 052,782	31,122	30,660	78	64	52 784	11 264,001	87 545,085	7,772	7,311
29	15	98 220	55 309,066	1 700 595,564	30,747	30,286	79	65	49 489	10 353,708	76 281,084	7,368	6,906
30	16	98 144	54 182,343	1 645 286,498	30,366	29,904	80	66	46 131	9 461,901	65 927,375	6,968	6,506
31	17	98 063	53 076,123	1 591 104,155	29,978	29,516	81	67	42 645	8 575,397	56 465,475	6,585	6,123
32	18	97 973	51 987,717	1 538 028,033	29,584	29,123	82	68	39 097	7 707,692	47 890,077	6,213	5,752
33	19	97 878	50 919,174	1 486 040,316	29,184	28,723	83	69	35 526	6 866,419	40 182,385	5,852	5,390
34	20	97 786	49 873,776	1 435 121,142	28,775	28,313	84	70	31 964	6 056,767	33 315,966	5,501	5,039
35	21	97 687	48 846,044	1 385 247,366	28,359	27,898	85	71	28 415	5 278,709	27 259,199	5,164	4,702
36	22	97 581	47 836,489	1 336 401,322	27,937	27,475	86	72	24 873	4 530,189	21 980,490	4,852	4,390
37	23	97 470	46 844,970	1 288 564,833	27,507	27,045	87	73	21 412	3 823,294	17 450,302	4,564	4,103
38	24	97 351	45 870,646	1 241 719,862	27,070	26,608	88	74	18 055	3 160,752	13 627,008	4,311	3,850
39	25	97 224	44 912,590	1 195 849,217	26,626	26,165	89	75	15 036	2 580,503	10 466,255	4,056	3,594
40	26	97 089	43 970,463	1 150 936,626	26,175	25,714	90	76	12 285	2 067,043	7 885,753	3,815	3,353
41	27	96 930	43 038,023	1 106 966,164	25,721	25,259	91	77	9 940	1 639,719	5 818,710	3,549	3,087
42	28	96 761	42 120,589	1 063 928,141	25,259	24,797	92	78	7 778	1 257,858	4 178,991	3,322	2,861
43	29	96 580	41 217,395	1 021 807,552	24,791	24,329	93	79	5 886	933,191	2 921,132	3,130	2,669
44	30	96 368	40 320,313	980 590,157	24,320	23,858	94	80	4 338	674,321	1 987,941	2,948	2,486
45	31	96 136	39 434,771	940 269,843	23,844	23,382	95	81	3 100	472,472	1 313,620	2,780	2,319
46	32	95 873	38 555,771	900 835,072	23,364	22,903	96	82	2 145	320,451	841,148	2,625	2,163
47	33	95 576	37 682,602	862 279,301	22,883	22,421	97	83	1 432	209,820	520,698	2,482	2,020
48	34	95 246	36 816,126	824 596,699	22,398	21,936	98	84	922	132,338	310,878	2,349	1,888
49	35	94 871	35 952,180	787 780,573	21,912	21,450	99	85	570	80,209	178,540	2,226	1,764
							100	86	337	46,533	98,330	2,113	1,652

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	35 109,935	754 183,114	21,481	21,019
1							51	36	94 058	34 259,853	719 073,179	20,989	20,527
2							52	37	93 562	33 411,247	684 813,326	20,496	20,035
3							53	38	93 021	32 566,680	651 402,079	20,002	19,540
4							54	39	92 433	31 726,218	618 835,399	19,505	19,044
5							55	40	91 776	30 883,082	587 109,181	19,011	18,549
6							56	41	91 078	30 047,229	556 226,099	18,512	18,050
7							57	42	90 325	29 214,333	526 178,871	18,011	17,549
8							58	43	89 520	28 386,512	496 964,537	17,507	17,045
9							59	44	88 635	27 554,712	468 578,025	17,005	16,544
10							60	45	87 685	26 724,903	441 023,313	16,502	16,041
11							61	46	86 638	25 888,012	414 298,410	16,003	15,542
12							62	47	85 531	25 056,153	388 410,398	15,502	15,040
13							63	48	84 333	24 220,749	363 354,244	15,002	14,540
14							64	49	83 071	23 390,542	339 133,495	14,499	14,037
15	0	99 406	73 860,149	2 609 380,681	35,329	34,867	65	50	81 706	22 555,024	315 742,953	13,999	13,537
16	1	99 068	72 165,803	2 535 520,532	35,135	34,673	66	51	80 245	21 717,252	293 187,929	13,500	13,039
17	2	99 011	70 709,697	2 463 354,729	34,838	34,376	67	52	78 710	20 884,341	271 470,677	12,999	12,537
18	3	98 961	69 288,390	2 392 645,031	34,532	34,070	68	53	77 077	20 050,018	250 586,336	12,498	12,036
19	4	98 892	67 882,309	2 323 356,641	34,226	33,765	69	54	75 333	19 212,009	230 536,318	12,000	11,538
20	5	98 826	66 507,020	2 255 474,332	33,913	33,452	70	55	73 470	18 369,423	211 324,309	11,504	11,043
21	6	98 758	65 158,114	2 188 967,312	33,595	33,133	71	56	71 478	17 521,159	192 954,886	11,013	10,551
22	7	98 694	63 839,362	2 123 809,197	33,268	32,806	72	57	69 368	16 670,375	175 433,727	10,524	10,062
23	8	98 631	62 547,169	2 059 969,836	32,935	32,473	73	58	67 072	15 802,577	158 763,352	10,047	9,585
24	9	98 570	61 283,174	1 997 422,667	32,593	32,132	74	59	64 626	14 927,678	142 960,775	9,577	9,115
25	10	98 507	60 043,117	1 936 139,493	32,246	31,784	75	60	61 995	14 039,321	128 033,097	9,120	8,658
26	11	98 441	58 826,174	1 876 096,375	31,892	31,431	76	61	59 207	13 145,070	113 993,776	8,672	8,210
27	12	98 373	57 632,920	1 817 270,201	31,532	31,070	77	62	56 271	12 248,157	100 848,706	8,234	7,772
28	13	98 303	56 462,772	1 759 637,281	31,165	30,703	78	63	53 139	11 339,621	88 600,550	7,813	7,352
29	14	98 232	55 315,914	1 703 174,508	30,790	30,328	79	64	49 848	10 428,752	77 260,928	7,408	6,947
30	15	98 157	54 189,689	1 647 858,594	30,409	29,947	80	65	46 491	9 535,730	66 832,177	7,009	6,547
31	16	98 079	53 084,657	1 593 668,905	30,021	29,560	81	66	42 998	8 646,469	57 296,446	6,627	6,165
32	17	97 990	51 996,844	1 540 584,249	29,628	29,167	82	67	39 452	7 777,846	48 649,977	6,255	5,793
33	18	97 900	50 930,299	1 488 587,405	29,228	28,766	83	68	35 877	6 934,342	40 872,131	5,894	5,433
34	19	97 807	49 884,504	1 437 657,106	28,820	28,358	84	69	32 318	6 123,932	33 937,789	5,542	5,080
35	20	97 707	48 856,353	1 387 772,602	28,405	27,944	85	70	28 758	5 342,543	27 813,857	5,206	4,744
36	21	97 602	47 846,831	1 338 916,249	27,983	27,522	86	71	25 210	4 591,452	22 471,315	4,894	4,433
37	22	97 492	46 855,737	1 291 069,418	27,554	27,093	87	72	21 748	3 883,390	17 879,862	4,604	4,143
38	23	97 373	45 881,082	1 244 213,681	27,118	26,657	88	73	18 374	3 216,512	13 996,472	4,351	3,890
39	24	97 246	44 922,803	1 198 332,599	26,675	26,214	89	74	15 332	2 631,351	10 779,960	4,097	3,635
40	25	97 110	43 980,264	1 153 409,796	26,226	25,764	90	75	12 565	2 114,148	8 148,609	3,854	3,393
41	26	96 956	43 049,524	1 109 429,532	25,771	25,309	91	76	10 198	1 682,363	6 034,461	3,587	3,125
42	27	96 786	42 131,465	1 066 380,008	25,311	24,849	92	77	8 010	1 295,365	4 352,098	3,360	2,898
43	28	96 605	41 228,103	1 024 248,544	24,843	24,382	93	78	6 088	965,295	3 056,733	3,167	2,705
44	29	96 394	40 331,500	983 020,441	24,374	23,912	94	79	4 507	700,630	2 091,438	2,985	2,523
45	30	96 163	39 445,596	942 688,941	23,898	23,437	95	80	3 241	493,894	1 390,808	2,816	2,354
46	31	95 904	38 568,345	903 243,344	23,419	22,958	96	81	2 256	337,138	896,914	2,660	2,199
47	32	95 609	37 695,658	864 674,999	22,938	22,477	97	82	1 519	222,471	559,777	2,516	2,055
48	33	95 280	36 829,450	826 979,341	22,454	21,993	98	83	986	141,532	337,306	2,383	1,922
49	34	94 910	35 966,776	790 149,891	21,969	21,507	99	84	615	86,618	195,774	2,260	1,799
							100	85	369	50,872	109,156	2,146	1,684

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	35 124,189	756 338,542	21,533	21,072
1							51	35	94 098	34 274,459	721 214,352	21,042	20,581
2							52	36	93 606	33 426,834	686 939,893	20,551	20,089
3							53	37	93 070	32 583,841	653 513,059	20,056	19,595
4							54	38	92 488	31 744,934	620 929,217	19,560	19,098
5							55	39	91 841	30 904,816	589 184,283	19,064	18,603
6							56	40	91 143	30 068,661	558 279,467	18,567	18,105
7							57	41	90 400	29 238,630	528 210,806	18,066	17,604
8							58	42	89 605	28 413,390	498 972,176	17,561	17,100
9							59	43	88 729	27 583,828	470 558,786	17,059	16,598
10							60	44	87 784	26 755,159	442 974,958	16,557	16,095
11							61	45	86 755	25 923,075	416 219,799	16,056	15,594
12							62	46	85 664	25 095,074	390 296,725	15,553	15,091
13							63	47	84 480	24 262,856	365 201,651	15,052	14,590
14							64	48	83 226	23 433,964	340 938,795	14,549	14,087
15							65	49	81 877	22 602,310	317 504,831	14,047	13,586
16	0	99 386	72 397,447	2 538 204,729	35,059	34,598	66	50	80 433	21 768,112	294 902,521	13,547	13,086
17	1	99 039	70 729,808	2 465 807,282	34,862	34,401	67	51	78 907	20 936,489	273 134,409	13,046	12,584
18	2	98 977	69 299,563	2 395 077,474	34,561	34,100	68	52	77 291	20 105,727	252 197,920	12,544	12,082
19	3	98 906	67 892,044	2 325 777,912	34,257	33,795	69	53	75 563	19 270,576	232 092,192	12,044	11,582
20	4	98 838	66 514,992	2 257 885,868	33,946	33,484	70	54	73 704	18 428,137	212 821,616	11,549	11,087
21	5	98 767	65 164,009	2 191 370,876	33,629	33,167	71	55	71 737	17 584,419	194 393,479	11,055	10,593
22	6	98 702	63 844,481	2 126 206,867	33,303	32,841	72	56	69 632	16 733,845	176 809,059	10,566	10,104
23	7	98 639	62 552,394	2 062 362,386	32,970	32,509	73	57	67 350	15 868,053	160 075,214	10,088	9,626
24	8	98 576	61 286,981	1 999 809,992	32,630	32,169	74	58	64 922	14 996,055	144 207,161	9,616	9,155
25	9	98 513	60 046,929	1 938 523,011	32,283	31,822	75	59	62 293	14 106,728	129 211,106	9,160	8,698
26	10	98 449	58 830,914	1 878 476,081	31,930	31,468	76	60	59 533	13 217,341	115 104,379	8,709	8,247
27	11	98 381	57 637,498	1 819 645,168	31,571	31,109	77	61	56 593	12 318,191	101 887,038	8,271	7,810
28	12	98 311	56 467,101	1 762 007,670	31,204	30,743	78	62	53 474	11 411,224	89 568,847	7,849	7,388
29	13	98 242	55 321,356	1 705 540,569	30,830	30,368	79	63	50 182	10 498,764	78 157,623	7,444	6,983
30	14	98 169	54 196,398	1 650 219,213	30,449	29,987	80	64	46 828	9 604,845	67 658,859	7,044	6,583
31	15	98 092	53 091,854	1 596 022,815	30,062	29,600	81	65	43 334	8 713,936	58 054,013	6,662	6,201
32	16	98 006	52 005,205	1 542 930,961	29,669	29,207	82	66	39 779	7 842,307	49 340,077	6,292	5,830
33	17	97 917	50 939,241	1 490 925,756	29,269	28,807	83	67	36 204	6 997,457	41 497,770	5,930	5,469
34	18	97 829	49 895,403	1 439 986,515	28,860	28,398	84	68	32 638	6 184,510	34 500,313	5,579	5,117
35	19	97 728	48 866,862	1 390 091,112	28,446	27,985	85	69	29 077	5 401,788	28 315,803	5,242	4,780
36	20	97 623	47 856,928	1 341 224,251	28,026	27,564	86	70	25 514	4 646,975	22 914,015	4,931	4,469
37	21	97 513	46 865,867	1 293 367,323	27,597	27,136	87	71	22 042	3 935,907	18 267,040	4,641	4,180
38	22	97 396	45 891,627	1 246 501,455	27,162	26,700	88	72	18 663	3 267,070	14 331,133	4,387	3,925
39	23	97 269	44 933,024	1 200 609,828	26,720	26,258	89	73	15 602	2 677,771	11 064,063	4,132	3,670
40	24	97 132	43 990,265	1 155 676,804	26,271	25,810	90	74	12 812	2 155,807	8 386,291	3,890	3,428
41	25	96 978	43 059,119	1 111 686,539	25,818	25,356	91	75	10 431	1 720,703	6 230,484	3,621	3,159
42	26	96 812	42 142,723	1 068 627,420	25,357	24,896	92	76	8 218	1 329,053	4 509,781	3,393	2,932
43	27	96 630	41 238,748	1 026 484,697	24,891	24,430	93	77	6 270	994,078	3 180,728	3,200	2,738
44	28	96 419	40 341,978	985 245,949	24,422	23,961	94	78	4 662	724,734	2 186,651	3,017	2,556
45	29	96 189	39 456,540	944 903,971	23,948	23,486	95	79	3 367	513,163	1 461,917	2,849	2,387
46	30	95 931	38 578,933	905 447,430	23,470	23,008	96	80	2 359	352,423	948,754	2,692	2,230
47	31	95 640	37 707,952	866 868,497	22,989	22,527	97	81	1 598	234,056	596,331	2,548	2,086
48	32	95 313	36 842,210	829 160,546	22,506	22,044	98	82	1 045	150,066	362,275	2,414	1,952
49	33	94 944	35 979,794	792 318,335	22,021	21,560	99	83	658	92,635	212,209	2,291	1,829
							100	84	398	54,936	119,573	2,177	1,715

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	35 136,902	758 311,422	21,582	21,120
1							51	34	94 136	34 288,374	723 174,520	21,091	20,629
2							52	35	93 646	33 441,085	688 886,146	20,600	20,138
3							53	36	93 114	32 599,043	655 445,061	20,106	19,645
4							54	37	92 536	31 761,663	622 846,018	19,610	19,148
5							55	38	91 895	30 923,047	591 084,355	19,115	18,653
6							56	39	91 207	30 089,822	560 161,308	18,616	18,155
7							57	40	90 464	29 259,486	530 071,485	18,116	17,655
8							58	41	89 680	28 437,021	500 811,999	17,611	17,150
9							59	42	88 813	27 609,945	472 374,979	17,109	16,647
10							60	43	87 877	26 783,430	444 765,033	16,606	16,144
11							61	44	86 854	25 952,422	417 981,604	16,106	15,644
12							62	45	85 780	25 129,062	392 029,181	15,601	15,139
13							63	46	84 611	24 300,544	366 900,119	15,098	14,637
14							64	47	83 370	23 474,702	342 599,575	14,594	14,133
15							65	48	82 029	22 644,269	319 124,873	14,093	13,631
16							66	49	80 601	21 813,748	296 480,604	13,591	13,130
17	0	99 357	70 956,843	2 468 285,383	34,786	34,324	67	50	79 092	20 985,521	274 666,855	13,088	12,627
18	1	99 005	69 319,272	2 397 328,540	34,584	34,122	68	51	77 484	20 155,931	253 681,334	12,586	12,124
19	2	98 922	67 902,991	2 328 009,268	34,284	33,823	69	52	75 772	19 324,120	233 525,403	12,085	11,623
20	3	98 852	66 524,531	2 260 106,277	33,974	33,512	70	53	73 929	18 484,315	214 201,283	11,588	11,127
21	4	98 779	65 171,820	2 193 581,747	33,658	33,197	71	54	71 966	17 640,625	195 716,968	11,095	10,633
22	5	98 711	63 850,257	2 128 409,927	33,334	32,873	72	55	69 883	16 794,263	178 076,343	10,603	10,142
23	6	98 647	62 557,410	2 064 559,670	33,003	32,541	73	56	67 606	15 928,468	161 282,080	10,125	9,664
24	7	98 584	61 292,101	2 002 002,260	32,663	32,202	74	57	65 191	15 058,189	145 353,612	9,653	9,191
25	8	98 519	60 050,659	1 940 710,159	32,318	31,856	75	58	62 578	14 171,344	130 295,423	9,194	8,733
26	9	98 455	58 834,649	1 880 659,499	31,965	31,504	76	59	59 819	13 280,801	116 124,079	8,744	8,282
27	10	98 389	57 642,142	1 821 824,851	31,606	31,144	77	60	56 904	12 385,916	102 843,277	8,303	7,842
28	11	98 318	56 471,586	1 764 182,709	31,240	30,779	78	61	53 780	11 476,473	90 457,362	7,882	7,420
29	12	98 250	55 325,597	1 707 711,123	30,867	30,405	79	62	50 499	10 565,057	78 980,888	7,476	7,014
30	13	98 179	54 201,730	1 652 385,526	30,486	30,024	80	63	47 142	9 669,326	68 415,831	7,076	6,614
31	14	98 104	53 098,427	1 598 183,796	30,099	29,637	81	64	43 648	8 777,095	58 746,505	6,693	6,232
32	15	98 019	52 012,255	1 545 085,369	29,706	29,245	82	65	40 090	7 903,500	49 969,410	6,322	5,861
33	16	97 933	50 947,431	1 493 073,114	29,306	28,845	83	66	36 504	7 055,451	42 065,910	5,962	5,501
34	17	97 846	49 904,163	1 442 125,682	28,898	28,436	84	67	32 935	6 240,800	35 010,459	5,610	5,148
35	18	97 750	48 877,538	1 392 221,519	28,484	28,022	85	68	29 365	5 455,222	28 769,659	5,274	4,812
36	19	97 644	47 867,222	1 343 343,981	28,064	27,602	86	69	25 797	4 698,507	23 314,437	4,962	4,500
37	20	97 534	46 875,758	1 295 476,759	27,636	27,175	87	70	22 309	3 983,502	18 615,930	4,673	4,212
38	21	97 417	45 901,549	1 248 601,001	27,202	26,740	88	71	18 915	3 311,252	14 632,428	4,419	3,957
39	22	97 291	44 943,351	1 202 699,452	26,760	26,299	89	72	15 848	2 719,862	11 321,175	4,162	3,701
40	23	97 154	44 000,273	1 157 756,101	26,312	25,851	90	73	13 038	2 193,838	8 601,314	3,921	3,459
41	24	97 000	43 068,911	1 113 755,828	25,860	25,398	91	74	10 636	1 754,609	6 407,475	3,652	3,190
42	25	96 834	42 152,117	1 070 686,917	25,401	24,939	92	75	8 405	1 359,341	4 652,867	3,423	2,961
43	26	96 656	41 249,768	1 028 534,800	24,934	24,473	93	76	6 433	1 019,930	3 293,526	3,229	2,768
44	27	96 444	40 352,394	987 285,032	24,467	24,005	94	77	4 801	746,343	2 273,596	3,046	2,585
45	28	96 214	39 466,791	946 932,637	23,993	23,532	95	78	3 483	530,817	1 527,252	2,877	2,416
46	29	95 957	38 589,636	907 465,846	23,516	23,054	96	79	2 451	366,173	996,435	2,721	2,260
47	30	95 667	37 718,303	868 876,210	23,036	22,574	97	80	1 670	244,668	630,261	2,576	2,114
48	31	95 344	36 854,226	831 157,907	22,553	22,091	98	81	1 099	157,880	385,594	2,442	1,981
49	32	94 977	35 992,259	794 303,681	22,069	21,607	99	82	698	98,221	227,713	2,318	1,857
							100	83	426	58,753	129,492	2,204	1,742



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	35 149,075	760 117,918	21,626	21,164
1							51	33	94 170	34 300,784	724 968,842	21,136	20,674
2							52	34	93 684	33 454,662	690 668,058	20,645	20,183
3							53	35	93 153	32 612,941	657 213,396	20,152	19,690
4							54	36	92 580	31 776,481	624 600,455	19,656	19,194
5							55	37	91 943	30 939,343	592 823,975	19,161	18,699
6							56	38	91 261	30 107,573	561 884,631	18,663	18,201
7							57	39	90 528	29 280,078	531 777,058	18,162	17,700
8							58	40	89 744	28 457,305	502 496,981	17,658	17,196
9							59	41	88 887	27 632,907	474 039,676	17,155	16,693
10							60	42	87 960	26 808,790	446 406,769	16,652	16,190
11							61	43	86 945	25 979,845	419 597,979	16,151	15,689
12							62	44	85 877	25 157,511	393 618,134	15,646	15,185
13							63	45	84 726	24 333,456	368 460,623	15,142	14,681
14							64	46	83 500	23 511,166	344 127,166	14,637	14,175
15							65	47	82 172	22 683,635	320 616,000	14,134	13,673
16							66	48	80 751	21 854,244	297 932,366	13,633	13,171
17							67	49	79 258	21 029,516	276 078,122	13,128	12,667
18	0	99 323	69 541,779	2 399 617,717	34,506	34,045	68	50	77 666	20 203,135	255 048,606	12,624	12,163
19	1	98 950	67 922,303	2 330 075,938	34,305	33,843	69	51	75 962	19 372,373	234 845,471	12,123	11,661
20	2	98 868	66 535,257	2 262 153,635	33,999	33,538	70	52	74 135	18 535,674	215 473,098	11,625	11,163
21	3	98 793	65 181,166	2 195 618,378	33,685	33,223	71	53	72 185	17 694,402	196 937,424	11,130	10,668
22	4	98 723	63 857,910	2 130 437,212	33,362	32,901	72	54	70 107	16 847,943	179 243,022	10,639	10,177
23	5	98 656	62 563,070	2 066 579,302	33,032	32,570	73	55	67 850	15 985,978	162 395,079	10,159	9,697
24	6	98 592	61 297,016	2 004 016,232	32,694	32,232	74	56	65 439	15 115,520	146 409,101	9,686	9,224
25	7	98 528	60 055,676	1 942 719,216	32,349	31,887	75	57	62 838	14 230,061	131 293,580	9,226	8,765
26	8	98 461	58 838,303	1 882 663,540	31,997	31,536	76	58	60 093	13 341,634	117 063,519	8,774	8,313
27	9	98 395	57 645,801	1 823 825,237	31,638	31,177	77	59	57 177	12 445,384	103 721,885	8,334	7,873
28	10	98 326	56 476,136	1 766 179,435	31,273	30,811	78	60	54 076	11 539,570	91 276,501	7,910	7,448
29	11	98 257	55 329,991	1 709 703,300	30,900	30,439	79	61	50 788	10 625,468	79 736,930	7,504	7,043
30	12	98 186	54 205,885	1 654 373,309	30,520	30,059	80	62	47 440	9 730,382	69 111,462	7,103	6,641
31	13	98 114	53 103,651	1 600 167,423	30,133	29,671	81	63	43 941	8 836,019	59 381,080	6,720	6,259
32	14	98 031	52 018,695	1 547 063,772	29,741	29,279	82	64	40 380	7 960,784	50 545,061	6,349	5,888
33	15	97 946	50 954,339	1 495 045,077	29,341	28,879	83	65	36 789	7 110,503	42 584,277	5,989	5,527
34	16	97 862	49 912,187	1 444 090,739	28,933	28,471	84	66	33 208	6 292,523	35 473,773	5,637	5,176
35	17	97 767	48 886,120	1 394 178,552	28,519	28,057	85	67	29 632	5 504,874	29 181,250	5,301	4,839
36	18	97 665	47 877,681	1 345 292,432	28,099	27,637	86	68	26 053	4 744,985	23 676,376	4,990	4,528
37	19	97 555	46 885,841	1 297 414,751	27,672	27,210	87	69	22 556	4 027,677	18 931,392	4,700	4,239
38	20	97 437	45 911,235	1 250 528,911	27,238	26,776	88	70	19 144	3 351,294	14 903,715	4,447	3,986
39	21	97 312	44 953,068	1 204 617,675	26,797	26,336	89	71	16 062	2 756,643	11 552,421	4,191	3,729
40	22	97 177	44 010,386	1 159 664,607	26,350	25,888	90	72	13 243	2 228,322	8 795,777	3,947	3,486
41	23	97 022	43 078,710	1 115 654,221	25,898	25,436	91	73	10 824	1 785,562	6 567,455	3,678	3,216
42	24	96 856	42 161,702	1 072 575,511	25,440	24,978	92	74	8 571	1 386,126	4 781,893	3,450	2,988
43	25	96 678	41 258,963	1 030 413,809	24,974	24,513	93	75	6 579	1 043,174	3 395,767	3,255	2,794
44	26	96 470	40 363,178	989 154,846	24,506	24,045	94	76	4 926	765,753	2 352,593	3,072	2,611
45	27	96 239	39 476,981	948 791,669	24,034	23,572	95	77	3 587	546,645	1 586,840	2,903	2,441
46	28	95 982	38 599,662	909 314,687	23,558	23,096	96	78	2 535	378,771	1 040,195	2,746	2,285
47	29	95 693	37 728,768	870 715,026	23,078	22,617	97	79	1 735	254,214	661,424	2,602	2,140
48	30	95 371	36 864,343	832 986,258	22,596	22,134	98	80	1 149	165,039	407,210	2,467	2,006
49	31	95 008	36 003,997	796 121,915	22,112	21,650	99	81	734	103,336	242,172	2,344	1,882
							100	82	451	62,295	138,836	2,229	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	35 160,539	761 772,505	21,666	21,204
1							51	32	94 203	34 312,668	726 611,966	21,176	20,715
2							52	33	93 718	33 466,770	692 299,298	20,686	20,225
3							53	34	93 191	32 626,181	658 832,528	20,193	19,732
4							54	35	92 619	31 790,028	626 206,347	19,698	19,237
5							55	36	91 986	30 953,777	594 416,318	19,203	18,742
6							56	37	91 309	30 123,439	563 462,541	18,705	18,244
7							57	38	90 581	29 297,350	533 339,102	18,204	17,743
8							58	39	89 807	28 477,332	504 041,752	17,700	17,238
9							59	40	88 950	27 652,618	475 564,420	17,198	16,736
10							60	41	88 034	26 831,086	447 911,802	16,694	16,232
11							61	42	87 028	26 004,444	421 080,716	16,193	15,731
12							62	43	85 968	25 184,094	395 076,272	15,688	15,226
13							63	44	84 822	24 361,004	369 892,178	15,184	14,722
14							64	45	83 613	23 543,010	345 531,174	14,677	14,215
15							65	46	82 300	22 718,870	321 988,164	14,173	13,711
16							66	47	80 891	21 892,236	299 269,295	13,670	13,209
17							67	48	79 405	21 068,556	277 377,059	13,165	12,704
18							68	49	77 829	20 245,490	256 308,503	12,660	12,198
19	0	99 268	68 140,326	2 332 191,797	34,226	33,765	69	50	76 140	19 417,742	236 063,013	12,157	11,695
20	1	98 896	66 554,181	2 264 051,471	34,018	33,557	70	51	74 320	18 581,958	216 645,272	11,659	11,197
21	2	98 809	65 191,676	2 197 497,291	33,708	33,247	71	52	72 386	17 743,566	198 063,314	11,163	10,701
22	3	98 737	63 867,067	2 132 305,615	33,387	32,925	72	53	70 320	16 899,303	180 319,748	10,670	10,209
23	4	98 667	62 570,569	2 068 438,547	33,058	32,596	73	54	68 067	16 037,075	163 420,444	10,190	9,729
24	5	98 601	61 302,561	2 005 867,979	32,721	32,259	74	55	65 675	15 170,095	147 383,370	9,715	9,254
25	6	98 536	60 060,492	1 944 565,417	32,377	31,915	75	56	63 077	14 284,240	132 213,274	9,256	8,794
26	7	98 469	58 843,219	1 884 504,925	32,026	31,564	76	57	60 342	13 396,914	117 929,034	8,803	8,341
27	8	98 401	57 649,382	1 825 661,706	31,668	31,207	77	58	57 439	12 502,391	104 532,121	8,361	7,899
28	9	98 333	56 479,721	1 768 012,324	31,303	30,842	78	59	54 335	11 594,975	92 029,730	7,937	7,475
29	10	98 265	55 334,449	1 711 532,603	30,931	30,469	79	60	51 067	10 683,886	80 434,755	7,529	7,067
30	11	98 194	54 210,191	1 656 198,154	30,551	30,090	80	61	47 711	9 786,020	69 750,869	7,128	6,666
31	12	98 121	53 107,722	1 601 987,963	30,165	29,703	81	62	44 219	8 891,813	59 964,848	6,744	6,282
32	13	98 041	52 023,813	1 548 880,241	29,773	29,311	82	63	40 651	8 014,228	51 073,035	6,373	5,911
33	14	97 958	50 960,647	1 496 856,429	29,373	28,911	83	64	37 055	7 162,040	43 058,807	6,012	5,550
34	15	97 875	49 918,954	1 445 895,781	28,965	28,503	84	65	33 467	6 341,623	35 896,767	5,661	5,199
35	16	97 783	48 893,980	1 395 976,827	28,551	28,089	85	66	29 878	5 550,498	29 555,144	5,325	4,863
36	17	97 682	47 886,086	1 347 082,847	28,131	27,669	86	67	26 290	4 788,172	24 004,646	5,013	4,552
37	18	97 576	46 896,085	1 299 196,761	27,704	27,242	87	68	22 780	4 067,519	19 216,474	4,724	4,263
38	19	97 458	45 921,111	1 252 300,676	27,271	26,809	88	69	19 356	3 388,458	15 148,955	4,471	4,009
39	20	97 332	44 962,554	1 206 379,565	26,831	26,369	89	70	16 256	2 789,979	11 760,498	4,215	3,754
40	21	97 198	44 019,901	1 161 417,011	26,384	25,922	90	71	13 422	2 258,457	8 970,519	3,972	3,510
41	22	97 044	43 088,611	1 117 397,110	25,933	25,471	91	72	10 994	1 813,628	6 712,062	3,701	3,239
42	23	96 878	42 171,294	1 074 308,499	25,475	25,013	92	73	8 722	1 410,579	4 898,434	3,473	3,011
43	24	96 700	41 268,345	1 032 137,204	25,010	24,549	93	74	6 709	1 063,729	3 487,855	3,279	2,817
44	25	96 492	40 372,174	990 868,859	24,543	24,082	94	75	5 038	783,204	2 424,126	3,095	2,634
45	26	96 265	39 487,531	950 496,685	24,071	23,609	95	76	3 680	560,862	1 640,921	2,926	2,464
46	27	96 007	38 609,628	911 009,154	23,595	23,134	96	77	2 611	390,065	1 080,060	2,769	2,307
47	28	95 718	37 738,570	872 399,526	23,117	22,655	97	78	1 795	262,959	689,995	2,624	2,162
48	29	95 397	36 874,570	834 660,956	22,635	22,174	98	79	1 194	171,478	427,036	2,490	2,029
49	30	95 034	36 013,881	797 786,386	22,152	21,691	99	80	767	108,021	255,558	2,366	1,904
							100	81	475	65,539	147,537	2,251	1,790

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	35 170,191	763 287,157	21,703	21,241
1							51	31	94 233	34 323,859	728 116,966	21,213	20,752
2							52	32	93 750	33 478,365	693 793,108	20,724	20,262
3							53	33	93 225	32 637,990	660 314,743	20,231	19,770
4							54	34	92 657	31 802,934	627 676,753	19,736	19,275
5							55	35	92 026	30 966,974	595 873,819	19,242	18,781
6							56	36	91 352	30 137,493	564 906,845	18,744	18,283
7							57	37	90 629	29 312,789	534 769,352	18,244	17,782
8							58	38	89 860	28 494,131	505 456,563	17,739	17,277
9							59	39	89 013	27 672,079	476 962,432	17,236	16,775
10							60	40	88 096	26 850,224	449 290,353	16,733	16,272
11							61	41	87 100	26 026,071	422 440,128	16,231	15,770
12							62	42	86 049	25 207,940	396 414,057	15,726	15,264
13							63	43	84 911	24 386,746	371 206,118	15,222	14,760
14							64	44	83 707	23 569,663	346 819,372	14,715	14,253
15							65	45	82 411	22 749,640	323 249,709	14,209	13,747
16							66	46	81 017	21 926,241	300 500,069	13,705	13,243
17							67	47	79 543	21 105,182	278 573,828	13,199	12,738
18							68	48	77 973	20 283,074	257 468,646	12,694	12,232
19							69	49	76 299	19 458,450	237 185,572	12,189	11,728
20	0	99 213	66 767,812	2 266 008,242	33,939	33,477	70	50	74 494	18 625,475	217 727,122	11,690	11,228
21	1	98 837	65 210,217	2 199 240,430	33,725	33,264	71	51	72 567	17 787,872	199 101,647	11,193	10,732
22	2	98 753	63 877,366	2 134 030,213	33,408	32,947	72	52	70 516	16 946,258	181 313,775	10,699	10,238
23	3	98 682	62 579,542	2 070 152,847	33,080	32,619	73	53	68 275	16 085,963	164 367,516	10,218	9,756
24	4	98 613	61 309,909	2 007 573,306	32,745	32,283	74	54	65 885	15 218,584	148 281,553	9,743	9,282
25	5	98 545	60 065,926	1 946 263,396	32,402	31,941	75	55	63 305	14 335,813	133 062,969	9,282	8,820
26	6	98 477	58 847,938	1 886 197,471	32,052	31,590	76	56	60 571	13 447,920	118 727,156	8,829	8,367
27	7	98 409	57 654,199	1 827 349,533	31,695	31,233	77	57	57 677	12 554,193	105 279,235	8,386	7,924
28	8	98 339	56 483,229	1 769 695,335	31,331	30,870	78	58	54 584	11 648,086	92 725,043	7,961	7,499
29	9	98 272	55 337,962	1 713 212,105	30,959	30,497	79	59	51 312	10 735,183	81 076,956	7,552	7,091
30	10	98 202	54 214,558	1 657 874,143	30,580	30,118	80	60	47 973	9 839,823	70 341,774	7,149	6,687
31	11	98 129	53 111,940	1 603 659,585	30,194	29,732	81	61	44 471	8 942,656	60 501,950	6,766	6,304
32	12	98 049	52 027,801	1 550 547,645	29,802	29,341	82	62	40 908	8 064,833	51 559,294	6,393	5,931
33	13	97 968	50 965,661	1 498 519,844	29,403	28,941	83	63	37 304	7 210,122	43 494,461	6,032	5,571
34	14	97 887	49 925,135	1 447 554,183	28,994	28,533	84	64	33 709	6 387,586	36 284,339	5,680	5,219
35	15	97 796	48 900,609	1 397 629,049	28,581	28,119	85	65	30 111	5 593,808	29 896,753	5,345	4,883
36	16	97 698	47 893,786	1 348 728,440	28,161	27,699	86	66	26 508	4 827,856	24 302,945	5,034	4,572
37	17	97 593	46 904,318	1 300 834,654	27,734	27,272	87	67	22 987	4 104,540	19 475,089	4,745	4,283
38	18	97 480	45 931,144	1 253 930,336	27,300	26,839	88	68	19 548	3 421,977	15 370,549	4,492	4,030
39	19	97 353	44 972,226	1 207 999,192	26,861	26,399	89	69	16 436	2 820,918	11 948,572	4,236	3,774
40	20	97 218	44 029,191	1 163 026,966	26,415	25,953	90	70	13 585	2 285,767	9 127,655	3,993	3,532
41	21	97 065	43 097,927	1 118 997,775	25,964	25,502	91	71	11 143	1 838,155	6 841,887	3,722	3,261
42	22	96 900	42 180,987	1 075 899,848	25,507	25,045	92	72	8 859	1 432,751	5 003,732	3,492	3,031
43	23	96 722	41 277,734	1 033 718,861	25,043	24,581	93	73	6 827	1 082,495	3 570,981	3,299	2,837
44	24	96 514	40 381,355	992 441,127	24,577	24,115	94	74	5 138	798,637	2 488,486	3,116	2,654
45	25	96 286	39 496,332	952 059,772	24,105	23,643	95	75	3 764	573,643	1 689,849	2,946	2,484
46	26	96 033	38 619,946	912 563,440	23,629	23,168	96	76	2 679	400,209	1 116,206	2,789	2,327
47	27	95 743	37 748,314	873 943,494	23,152	22,690	97	77	1 849	270,800	715,997	2,644	2,182
48	28	95 422	36 884,150	836 195,180	22,671	22,209	98	78	1 235	177,377	445,197	2,510	2,048
49	29	95 060	36 023,873	799 311,030	22,188	21,727	99	79	797	112,235	267,820	2,386	1,925
							100	80	496	68,511	155,585	2,271	1,809

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	35 179,948	764 674,520	21,736	21,274
1							51	30	94 259	34 333,281	729 494,572	21,247	20,786
2							52	31	93 781	33 489,283	695 161,291	20,758	20,296
3							53	32	93 257	32 649,298	661 672,008	20,266	19,804
4							54	33	92 690	31 814,445	629 022,710	19,772	19,310
5							55	34	92 063	30 979,546	597 208,265	19,278	18,816
6							56	35	91 391	30 150,341	566 228,719	18,780	18,319
7							57	36	90 671	29 326,465	536 078,378	18,280	17,818
8							58	37	89 907	28 509,147	506 751,913	17,775	17,313
9							59	38	89 065	27 688,403	478 242,766	17,272	16,811
10							60	39	88 158	26 869,120	450 554,363	16,768	16,307
11							61	40	87 162	26 044,636	423 685,243	16,268	15,806
12							62	41	86 121	25 228,904	397 640,607	15,761	15,300
13							63	42	84 992	24 409,836	372 411,703	15,257	14,795
14							64	43	83 796	23 594,568	348 001,867	14,749	14,288
15							65	44	82 504	22 775,395	324 407,299	14,244	13,782
16							66	45	81 127	21 955,938	301 631,904	13,738	13,276
17							67	46	79 666	21 137,965	279 675,966	13,231	12,769
18							68	47	78 109	20 318,335	258 538,001	12,724	12,263
19							69	48	76 441	19 494,573	238 219,666	12,220	11,758
20							70	49	74 650	18 664,523	218 725,093	11,719	11,257
21	0	99 154	65 419,534	2 201 051,034	33,645	33,184	71	50	72 736	17 829,530	200 060,570	11,221	10,759
22	1	98 781	63 895,533	2 135 631,500	33,424	32,962	72	51	70 692	16 988,573	182 231,040	10,727	10,265
23	2	98 698	62 589,632	2 071 735,967	33,100	32,639	73	52	68 464	16 130,658	165 242,467	10,244	9,782
24	3	98 627	61 318,702	2 009 146,335	32,766	32,304	74	53	66 086	15 264,977	149 111,809	9,768	9,307
25	4	98 556	60 073,125	1 947 827,633	32,424	31,963	75	54	63 507	14 381,635	133 846,831	9,307	8,845
26	5	98 486	58 853,261	1 887 754,508	32,076	31,614	76	55	60 790	13 496,474	119 465,196	8,852	8,390
27	6	98 417	57 658,822	1 828 901,247	31,719	31,258	77	56	57 897	12 601,991	105 968,722	8,409	7,947
28	7	98 347	56 487,949	1 771 242,425	31,356	30,895	78	57	54 810	11 696,349	93 366,731	7,983	7,521
29	8	98 278	55 341,399	1 714 754,477	30,985	30,523	79	58	51 548	10 784,356	81 670,382	7,573	7,111
30	9	98 208	54 218,000	1 659 413,077	30,606	30,145	80	59	48 204	9 887,067	70 886,027	7,170	6,708
31	10	98 137	53 116,219	1 605 195,077	30,220	29,759	81	60	44 716	8 991,823	60 998,959	6,784	6,322
32	11	98 056	52 031,933	1 552 078,858	29,829	29,368	82	61	41 142	8 110,948	52 007,137	6,412	5,950
33	12	97 975	50 969,568	1 500 046,925	29,430	28,969	83	62	37 540	7 255,649	43 896,189	6,050	5,588
34	13	97 897	49 930,046	1 449 077,357	29,022	28,561	84	63	33 936	6 430,469	36 640,540	5,698	5,236
35	14	97 808	48 906,663	1 399 147,311	28,609	28,147	85	64	30 329	5 634,351	30 210,071	5,362	4,900
36	15	97 711	47 900,279	1 350 240,647	28,189	27,727	86	65	26 714	4 865,527	24 575,719	5,051	4,589
37	16	97 609	46 911,860	1 302 340,368	27,761	27,300	87	66	23 177	4 138,558	19 710,192	4,763	4,301
38	17	97 497	45 939,208	1 255 428,508	27,328	26,866	88	67	19 725	3 453,122	15 571,634	4,509	4,048
39	18	97 375	44 982,052	1 209 489,300	26,888	26,427	89	68	16 599	2 848,822	12 118,512	4,254	3,792
40	19	97 239	44 038,661	1 164 507,248	26,443	25,981	90	69	13 735	2 311,115	9 269,690	4,011	3,549
41	20	97 086	43 107,022	1 120 468,587	25,993	25,531	91	70	11 278	1 860,383	6 958,575	3,740	3,279
42	21	96 921	42 190,107	1 077 361,565	25,536	25,074	92	71	8 979	1 452,127	5 098,192	3,511	3,049
43	22	96 744	41 287,222	1 035 171,458	25,072	24,611	93	72	6 934	1 099,510	3 646,065	3,316	2,854
44	23	96 536	40 390,542	993 884,237	24,607	24,145	94	73	5 228	812,726	2 546,555	3,133	2,672
45	24	96 308	39 505,314	953 493,695	24,136	23,674	95	74	3 838	584,947	1 733,829	2,964	2,502
46	25	96 054	38 628,554	913 988,381	23,661	23,199	96	75	2 740	409,329	1 148,882	2,807	2,345
47	26	95 768	37 758,401	875 359,827	23,183	22,722	97	76	1 897	277,843	739,553	2,662	2,200
48	27	95 447	36 893,674	837 601,426	22,703	22,242	98	77	1 272	182,666	461,710	2,528	2,066
49	28	95 085	36 033,232	800 707,752	22,221	21,760	99	78	825	116,097	279,044	2,404	1,942
							100	79	516	71,184	162,948	2,289	1,828

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	35 189,088	765 945,356	21,767	21,305
1							51	29	94 285	34 342,806	730 756,268	21,278	20,817
2							52	30	93 807	33 498,477	696 413,462	20,789	20,328
3							53	31	93 288	32 659,945	662 914,985	20,297	19,836
4							54	32	92 722	31 825,467	630 255,040	19,803	19,342
5							55	33	92 096	30 990,758	598 429,572	19,310	18,848
6							56	34	91 428	30 162,582	567 438,814	18,813	18,351
7							57	35	90 710	29 338,968	537 276,232	18,313	17,851
8							58	36	89 949	28 522,447	507 937,264	17,808	17,347
9							59	37	89 112	27 702,994	479 414,817	17,306	16,844
10							60	38	88 210	26 884,971	451 711,823	16,802	16,340
11							61	39	87 224	26 062,965	424 826,852	16,300	15,838
12							62	40	86 182	25 246,900	398 763,887	15,795	15,333
13							63	41	85 062	24 430,137	373 516,987	15,289	14,828
14							64	42	83 875	23 616,908	349 086,850	14,781	14,320
15							65	43	82 592	22 799,461	325 469,942	14,275	13,814
16							66	44	81 218	21 980,795	302 670,481	13,770	13,308
17							67	45	79 774	21 166,594	280 689,686	13,261	12,799
18							68	46	78 230	20 349,896	259 523,092	12,753	12,291
19							69	47	76 574	19 528,463	239 173,197	12,247	11,786
20							70	48	74 788	18 699,172	219 644,734	11,746	11,285
21							71	49	72 889	17 866,909	200 945,562	11,247	10,785
22	0	99 098	64 100,630	2 137 307,713	33,343	32,881	72	50	70 857	17 028,359	183 078,653	10,751	10,290
23	1	98 726	62 607,433	2 073 207,083	33,114	32,653	73	51	68 635	16 170,937	166 050,294	10,268	9,807
24	2	98 643	61 328,589	2 010 599,649	32,784	32,322	74	52	66 270	15 307,391	149 879,357	9,791	9,330
25	3	98 570	60 081,740	1 949 271,061	32,444	31,982	75	53	63 701	14 425,477	134 571,965	9,329	8,867
26	4	98 498	58 860,316	1 889 189,321	32,096	31,635	76	54	60 984	13 539,614	120 146,488	8,874	8,412
27	5	98 426	57 664,038	1 830 329,005	31,741	31,280	77	55	58 106	12 647,491	106 606,875	8,429	7,967
28	6	98 355	56 492,478	1 772 664,967	31,379	30,917	78	56	55 019	11 740,880	93 959,384	8,003	7,541
29	7	98 286	55 346,023	1 716 172,489	31,008	30,546	79	57	51 761	10 829,039	82 218,503	7,592	7,131
30	8	98 215	54 221,368	1 660 826,466	30,630	30,169	80	58	48 425	9 932,355	71 389,464	7,188	6,726
31	9	98 143	53 119,591	1 606 605,098	30,245	29,783	81	59	44 931	9 034,995	61 457,109	6,802	6,341
32	10	98 064	52 036,125	1 553 485,507	29,854	29,392	82	60	41 368	8 155,541	52 422,114	6,428	5,966
33	11	97 983	50 973,616	1 501 449,381	29,455	28,994	83	61	37 754	7 297,137	44 266,573	6,066	5,605
34	12	97 904	49 933,874	1 450 475,765	29,048	28,586	84	62	34 150	6 471,073	36 969,436	5,713	5,251
35	13	97 818	48 911,475	1 400 541,891	28,634	28,173	85	63	30 533	5 672,177	30 498,362	5,377	4,915
36	14	97 723	47 906,210	1 351 630,416	28,214	27,752	86	64	26 908	4 900,792	24 826,185	5,066	4,604
37	15	97 622	46 918,220	1 303 724,206	27,787	27,326	87	65	23 358	4 170,850	19 925,393	4,777	4,316
38	16	97 512	45 946,595	1 256 805,986	27,354	26,892	88	66	19 889	3 481,742	15 754,543	4,525	4,063
39	17	97 392	44 989,949	1 210 859,392	26,914	26,452	89	67	16 750	2 874,751	12 272,801	4,269	3,808
40	18	97 260	44 048,283	1 165 869,442	26,468	26,006	90	68	13 871	2 333,977	9 398,050	4,027	3,565
41	19	97 107	43 116,294	1 121 821,159	26,018	25,557	91	69	11 403	1 881,013	7 064,073	3,755	3,294
42	20	96 941	42 199,010	1 078 704,865	25,562	25,101	92	70	9 087	1 469,687	5 183,060	3,527	3,065
43	21	96 765	41 296,148	1 036 505,855	25,099	24,638	93	71	7 028	1 114,379	3 713,372	3,332	2,871
44	22	96 558	40 399,826	995 209,707	24,634	24,172	94	72	5 310	825,501	2 598,994	3,148	2,687
45	23	96 330	39 514,302	954 809,881	24,164	23,702	95	73	3 906	595,266	1 773,493	2,979	2,518
46	24	96 076	38 637,338	915 295,580	23,689	23,228	96	74	2 794	417,395	1 178,227	2,823	2,361
47	25	95 790	37 766,817	876 658,242	23,212	22,751	97	75	1 940	284,174	760,832	2,677	2,216
48	26	95 472	36 903,533	838 891,424	22,732	22,270	98	76	1 305	187,417	476,658	2,543	2,082
49	27	95 109	36 042,535	801 987,891	22,251	21,790	99	77	849	119,558	289,241	2,419	1,958
							100	78	533	73,633	169,683	2,304	1,843

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 2,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	35 198,174	767 109,932	21,794	21,332
1							51	28	94 310	34 351,729	731 911,758	21,306	20,845
2							52	29	93 833	33 507,770	697 560,029	20,818	20,356
3							53	30	93 313	32 668,911	664 052,259	20,327	19,865
4							54	31	92 753	31 835,847	631 383,348	19,832	19,371
5							55	32	92 128	31 001,496	599 547,501	19,339	18,878
6							56	33	91 461	30 173,498	568 546,006	18,843	18,381
7							57	34	90 747	29 350,879	538 372,507	18,343	17,881
8							58	35	89 987	28 534,607	509 021,628	17,839	17,377
9							59	36	89 154	27 715,919	480 487,021	17,336	16,875
10							60	37	88 257	26 899,139	452 771,102	16,832	16,371
11							61	38	87 275	26 078,340	425 871,964	16,330	15,869
12							62	39	86 243	25 264,668	399 793,624	15,824	15,363
13							63	40	85 123	24 447,563	374 528,956	15,320	14,858
14							64	41	83 945	23 636,550	350 081,393	14,811	14,349
15							65	42	82 670	22 821,048	326 444,844	14,305	13,843
16							66	43	81 304	22 004,021	303 623,795	13,799	13,337
17							67	44	79 865	21 190,557	281 619,774	13,290	12,828
18							68	45	78 336	20 377,458	260 429,217	12,780	12,319
19							69	46	76 693	19 558,797	240 051,760	12,273	11,812
20							70	47	74 918	18 731,679	220 492,963	11,771	11,310
21							71	48	73 024	17 900,077	201 761,284	11,272	10,810
22							72	49	71 006	17 064,059	183 861,207	10,775	10,313
23	0	99 043	62 808,396	2 074 759,592	33,033	32,572	73	50	68 796	16 208,808	166 797,148	10,291	9,829
24	1	98 671	61 346,031	2 011 951,196	32,797	32,335	74	51	66 435	15 345,614	150 588,340	9,813	9,352
25	2	98 586	60 091,428	1 950 605,165	32,461	31,999	75	52	63 878	14 465,559	135 242,726	9,349	8,888
26	3	98 512	58 868,757	1 890 513,737	32,114	31,652	76	53	61 170	13 580,888	120 777,167	8,893	8,432
27	4	98 438	57 670,950	1 831 644,980	31,760	31,299	77	54	58 291	12 687,916	107 196,279	8,449	7,987
28	5	98 364	56 497,589	1 773 974,031	31,399	30,938	78	55	55 218	11 783,271	94 508,363	8,021	7,559
29	6	98 294	55 350,461	1 717 476,442	31,029	30,568	79	56	51 958	10 870,269	82 725,091	7,610	7,149
30	7	98 223	54 225,898	1 662 125,981	30,652	30,190	80	57	48 625	9 973,509	71 854,822	7,205	6,743
31	8	98 149	53 122,891	1 607 900,083	30,268	29,806	81	58	45 136	9 076,380	61 881,314	6,818	6,356
32	9	98 070	52 039,429	1 554 777,192	29,877	29,415	82	59	41 567	8 194,698	52 804,934	6,444	5,982
33	10	97 991	50 977,723	1 502 737,763	29,478	29,017	83	60	37 962	7 337,256	44 610,235	6,080	5,618
34	11	97 912	49 937,840	1 451 760,040	29,071	28,610	84	61	34 345	6 508,075	37 272,979	5,727	5,266
35	12	97 825	48 915,224	1 401 822,200	28,658	28,197	85	62	30 725	5 707,993	30 764,904	5,390	4,928
36	13	97 733	47 910,923	1 352 906,975	28,238	27,776	86	63	27 089	4 933,693	25 056,911	5,079	4,617
37	14	97 634	46 924,029	1 304 996,052	27,811	27,349	87	64	23 528	4 201,081	20 123,217	4,790	4,328
38	15	97 526	45 952,824	1 258 072,023	27,377	26,916	88	65	20 044	3 508,909	15 922,137	4,538	4,076
39	16	97 407	44 997,183	1 212 119,199	26,938	26,476	89	66	16 889	2 898,577	12 413,228	4,283	3,821
40	17	97 277	44 056,017	1 167 122,016	26,492	26,030	90	67	13 997	2 355,220	9 514,651	4,040	3,578
41	18	97 128	43 125,714	1 123 066,000	26,042	25,580	91	68	11 515	1 899,621	7 159,431	3,769	3,307
42	19	96 962	42 208,087	1 079 940,285	25,586	25,124	92	69	9 188	1 485,985	5 259,810	3,540	3,078
43	20	96 785	41 304,863	1 037 732,198	25,124	24,662	93	70	7 113	1 127,855	3 773,825	3,346	2,884
44	21	96 579	40 408,560	996 427,336	24,659	24,197	94	71	5 382	836,664	2 645,971	3,163	2,701
45	22	96 352	39 523,384	956 018,776	24,189	23,727	95	72	3 967	604,622	1 809,306	2,992	2,531
46	23	96 098	38 646,129	916 495,392	23,715	23,253	96	73	2 843	424,759	1 204,684	2,836	2,375
47	24	95 811	37 775,406	877 849,263	23,239	22,777	97	74	1 978	289,774	779,926	2,691	2,230
48	25	95 493	36 911,758	840 073,857	22,759	22,297	98	75	1 335	191,688	490,152	2,557	2,095
49	26	95 135	36 052,167	803 162,099	22,278	21,816	99	76	871	122,668	298,464	2,433	1,971
							100	77	549	75,828	175,796	2,318	1,857

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	35 207,580	768 177,953	21,819	21,357
1							51	27	94 334	34 360,598	732 970,374	21,332	20,870
2							52	28	93 857	33 516,476	698 609,775	20,844	20,382
3							53	29	93 339	32 677,975	665 093,300	20,353	19,891
4							54	30	92 778	31 844,586	632 415,325	19,859	19,398
5							55	31	92 158	31 011,606	600 570,739	19,366	18,904
6							56	32	91 493	30 183,952	569 559,133	18,870	18,408
7							57	33	90 780	29 361,502	539 375,180	18,370	17,909
8							58	34	90 024	28 546,192	510 013,679	17,866	17,405
9							59	35	89 192	27 727,735	481 467,487	17,364	16,903
10							60	36	88 298	26 911,688	453 739,752	16,860	16,399
11							61	37	87 321	26 092,082	426 828,064	16,359	15,897
12							62	38	86 294	25 279,572	400 735,981	15,852	15,391
13							63	39	85 183	24 464,768	375 456,410	15,347	14,885
14							64	40	84 005	23 653,410	350 991,641	14,839	14,377
15							65	41	82 739	22 840,028	327 338,232	14,332	13,870
16							66	42	81 381	22 024,855	304 498,204	13,825	13,364
17							67	43	79 949	21 212,948	282 473,349	13,316	12,854
18							68	44	78 425	20 400,527	261 260,400	12,807	12,345
19							69	45	76 797	19 585,287	240 859,873	12,298	11,836
20							70	46	75 035	18 760,775	221 274,586	11,795	11,333
21							71	47	73 151	17 931,195	202 513,811	11,294	10,832
22							72	48	71 138	17 095,736	184 582,616	10,797	10,335
23							73	49	68 940	16 242,789	167 486,879	10,311	9,850
24	0	98 988	61 542,945	2 013 389,748	32,715	32,254	74	50	66 591	15 381,553	151 244,090	9,833	9,371
25	1	98 614	60 108,519	1 951 846,803	32,472	32,010	75	51	64 037	14 501,679	135 862,538	9,369	8,907
26	2	98 528	58 878,249	1 891 738,284	32,130	31,668	76	52	61 340	13 618,623	121 360,858	8,911	8,450
27	3	98 452	57 679,220	1 832 860,035	31,777	31,315	77	53	58 469	12 726,595	107 742,235	8,466	8,004
28	4	98 375	56 504,361	1 775 180,816	31,417	30,955	78	54	55 394	11 820,935	95 015,640	8,038	7,576
29	5	98 303	55 355,468	1 718 676,455	31,048	30,586	79	55	52 146	10 909,516	83 194,705	7,626	7,164
30	6	98 231	54 230,246	1 663 320,987	30,671	30,210	80	56	48 810	10 011,481	72 285,189	7,220	6,759
31	7	98 157	53 127,329	1 609 090,740	30,287	29,826	81	57	45 323	9 113,987	62 273,708	6,833	6,371
32	8	98 077	52 042,661	1 555 963,411	29,898	29,436	82	58	41 757	8 232,234	53 159,721	6,458	5,996
33	9	97 997	50 980,960	1 503 920,749	29,500	29,038	83	59	38 144	7 372,485	44 927,487	6,094	5,632
34	10	97 920	49 941,863	1 452 939,790	29,093	28,631	84	60	34 534	6 543,856	37 555,002	5,739	5,277
35	11	97 833	48 919,110	1 402 997,927	28,680	28,218	85	61	30 901	5 740,632	31 011,146	5,402	4,940
36	12	97 740	47 914,596	1 354 078,817	28,260	27,799	86	62	27 260	4 964,847	25 270,515	5,090	4,628
37	13	97 644	46 928,645	1 306 164,221	27,833	27,371	87	63	23 685	4 229,284	20 305,668	4,801	4,340
38	14	97 538	45 958,514	1 259 235,576	27,399	26,938	88	64	20 189	3 534,342	16 076,384	4,549	4,087
39	15	97 421	45 003,284	1 213 277,062	26,960	26,498	89	65	17 021	2 921,194	12 542,042	4,293	3,832
40	16	97 293	44 063,100	1 168 273,779	26,514	26,052	90	66	14 113	2 374,740	9 620,848	4,051	3,590
41	17	97 145	43 133,286	1 124 210,678	26,064	25,602	91	67	11 620	1 916,910	7 246,109	3,780	3,318
42	18	96 983	42 217,309	1 081 077,392	25,607	25,146	92	68	9 279	1 500,684	5 329,198	3,551	3,090
43	19	96 806	41 313,747	1 038 860,083	25,146	24,684	93	69	7 192	1 140,362	3 828,514	3,357	2,896
44	20	96 599	40 417,088	997 546,336	24,681	24,220	94	70	5 447	846,782	2 688,152	3,175	2,713
45	21	96 373	39 531,929	957 129,248	24,212	23,750	95	71	4 021	612,799	1 841,370	3,005	2,543
46	22	96 120	38 655,011	917 597,320	23,738	23,277	96	72	2 888	431,435	1 228,571	2,848	2,386
47	23	95 833	37 784,000	878 942,309	23,262	22,801	97	73	2 013	294,886	797,136	2,703	2,242
48	24	95 515	36 920,152	841 158,309	22,783	22,322	98	74	1 361	195,465	502,250	2,570	2,108
49	25	95 156	36 060,203	804 238,156	22,303	21,841	99	75	891	125,463	306,785	2,445	1,984
							100	76	564	77,800	181,322	2,331	1,869

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 2,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	35 215,427	769 156,399	21,841	21,380
1							51	26	94 359	34 369,780	733 940,971	21,354	20,893
2							52	27	93 881	33 525,130	699 571,191	20,867	20,405
3							53	28	93 363	32 686,465	666 046,061	20,377	19,915
4							54	29	92 804	31 853,421	633 359,597	19,884	19,422
5							55	30	92 183	31 020,119	601 506,176	19,391	18,929
6							56	31	91 522	30 193,796	570 486,057	18,894	18,433
7							57	32	90 811	29 371,674	540 292,260	18,395	17,933
8							58	33	90 057	28 556,524	510 920,586	17,892	17,430
9							59	34	89 228	27 738,992	482 364,062	17,389	16,928
10							60	35	88 336	26 923,161	454 625,070	16,886	16,424
11							61	36	87 362	26 104,255	427 701,909	16,384	15,923
12							62	37	86 339	25 292,893	401 597,654	15,878	15,416
13							63	38	85 233	24 479,200	376 304,760	15,372	14,911
14							64	39	84 064	23 670,056	351 825,560	14,864	14,402
15							65	40	82 798	22 856,320	328 155,504	14,357	13,896
16							66	41	81 449	22 043,173	305 299,184	13,850	13,388
17							67	42	80 025	21 233,034	283 256,012	13,340	12,879
18							68	43	78 508	20 422,083	262 022,978	12,830	12,369
19							69	44	76 884	19 607,460	241 600,895	12,322	11,860
20							70	45	75 136	18 786,185	221 993,435	11,817	11,355
21							71	46	73 265	17 959,048	203 207,250	11,315	10,853
22							72	47	71 261	17 125,456	185 248,202	10,817	10,356
23							73	48	69 068	16 272,942	168 122,745	10,331	9,870
24							74	49	66 730	15 413,799	151 849,803	9,852	9,390
25	0	98 931	60 301,460	1 953 180,289	32,390	31,929	75	50	64 187	14 535,641	136 436,004	9,386	8,925
26	1	98 556	58 894,995	1 892 878,829	32,140	31,678	76	51	61 494	13 652,629	121 900,362	8,929	8,467
27	2	98 468	57 688,520	1 833 983,834	31,791	31,330	77	52	58 631	12 761,956	108 247,733	8,482	8,020
28	3	98 390	56 512,464	1 776 295,314	31,432	30,970	78	53	55 563	11 856,970	95 485,777	8,053	7,592
29	4	98 314	55 362,103	1 719 782,850	31,064	30,603	79	54	52 312	10 944,387	83 628,807	7,641	7,180
30	5	98 239	54 235,152	1 664 420,747	30,689	30,227	80	55	48 987	10 047,628	72 684,420	7,234	6,772
31	6	98 165	53 131,589	1 610 185,595	30,306	29,844	81	56	45 496	9 148,687	62 636,792	6,847	6,385
32	7	98 085	52 047,010	1 557 054,005	29,916	29,455	82	57	41 930	8 266,344	53 488,106	6,471	6,009
33	8	98 003	50 984,126	1 505 006,996	29,519	29,058	83	58	38 319	7 406,255	45 221,762	6,106	5,644
34	9	97 926	49 945,034	1 454 022,869	29,112	28,651	84	59	34 700	6 575,275	37 815,508	5,751	5,290
35	10	97 841	48 923,051	1 404 077,835	28,700	28,238	85	60	31 071	5 772,193	31 240,233	5,412	4,951
36	11	97 748	47 918,402	1 355 154,784	28,280	27,819	86	61	27 416	4 993,235	25 468,039	5,101	4,639
37	12	97 651	46 932,243	1 307 236,383	27,854	27,392	87	62	23 835	4 255,990	20 474,804	4,811	4,349
38	13	97 547	45 963,035	1 260 304,140	27,420	26,958	88	63	20 325	3 558,069	16 218,814	4,558	4,097
39	14	97 433	45 008,856	1 214 341,105	26,980	26,518	89	64	17 144	2 942,367	12 660,745	4,303	3,841
40	15	97 306	44 069,074	1 169 332,249	26,534	26,072	90	65	14 224	2 393,269	9 718,379	4,061	3,599
41	16	97 160	43 140,221	1 125 263,175	26,084	25,622	91	66	11 717	1 932,797	7 325,109	3,790	3,328
42	17	97 001	42 224,721	1 082 122,954	25,628	25,166	92	67	9 364	1 514,343	5 392,312	3,561	3,099
43	18	96 827	41 322,774	1 039 898,233	25,165	24,704	93	68	7 263	1 151,642	3 877,969	3,367	2,906
44	19	96 620	40 425,781	998 575,459	24,701	24,240	94	69	5 508	856,172	2 726,326	3,184	2,723
45	20	96 393	39 540,271	958 149,678	24,232	23,771	95	70	4 070	620,209	1 870,154	3,015	2,554
46	21	96 141	38 663,368	918 609,406	23,759	23,298	96	71	2 927	437,270	1 249,945	2,859	2,397
47	22	95 855	37 792,684	879 946,038	23,284	22,822	97	72	2 045	299,521	812,675	2,713	2,252
48	23	95 537	36 928,552	842 153,354	22,805	22,343	98	73	1 385	198,913	513,154	2,580	2,118
49	24	95 178	36 068,403	805 224,802	22,325	21,863	99	74	909	127,935	314,241	2,456	1,995
							100	75	576	79,573	186,306	2,341	1,880



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 584 331,727	35,843	35,381	50	50	93 003	30 572,549	587 889,946	19,229	18,767
1	1	99 275	97 090,608	3 484 331,727	35,887	35,425	51	51	92 389	29 702,512	557 317,398	18,763	18,301
2	2	99 212	94 893,354	3 387 241,118	35,695	35,233	52	52	91 717	28 837,440	527 614,885	18,296	17,834
3	3	99 177	92 772,414	3 292 347,765	35,488	35,026	53	53	90 982	27 976,806	498 777,445	17,828	17,366
4	4	99 147	90 704,260	3 199 575,351	35,275	34,813	54	54	90 185	27 121,520	470 800,639	17,359	16,897
5	5	99 121	88 684,911	3 108 871,091	35,055	34,593	55	55	89 321	26 270,770	443 679,119	16,889	16,427
6	6	99 101	86 715,528	3 020 186,180	34,829	34,367	56	56	88 386	25 423,651	417 408,349	16,418	15,956
7	7	99 082	84 791,623	2 933 470,651	34,596	34,134	57	57	87 395	24 585,384	391 984,699	15,944	15,482
8	8	99 064	82 910,846	2 848 679,028	34,358	33,896	58	58	86 341	23 754,462	367 399,315	15,467	15,005
9	9	99 049	81 073,570	2 765 768,183	34,114	33,652	59	59	85 187	22 921,329	343 644,853	14,992	14,530
10	10	99 034	79 277,715	2 684 694,613	33,864	33,402	60	60	83 967	22 095,718	320 723,524	14,515	14,053
11	11	99 017	77 520,040	2 605 416,898	33,610	33,148	61	61	82 622	21 263,471	298 627,806	14,044	13,582
12	12	99 000	75 800,827	2 527 896,858	33,349	32,887	62	62	81 229	20 444,880	277 364,335	13,566	13,104
13	13	98 982	74 119,405	2 452 096,031	33,083	32,621	63	63	79 727	19 625,253	256 919,455	13,091	12,629
14	14	98 963	72 474,939	2 377 976,626	32,811	32,349	64	64	78 155	18 815,009	237 294,202	12,612	12,150
15	15	98 935	70 859,673	2 305 501,687	32,536	32,074	65	65	76 477	18 006,008	218 479,193	12,134	11,672
16	16	98 902	69 277,179	2 234 642,014	32,257	31,795	66	66	74 702	17 201,099	200 473,185	11,655	11,193
17	17	98 856	67 721,763	2 165 364,835	31,974	31,512	67	67	72 853	16 406,180	183 272,086	11,171	10,709
18	18	98 805	66 197,317	2 097 643,071	31,688	31,226	68	68	70 895	15 613,792	166 865,906	10,687	10,225
19	19	98 729	64 690,540	2 031 445,754	31,403	30,941	69	69	68 821	14 823,483	151 252,114	10,204	9,742
20	20	98 654	63 218,933	1 966 755,215	31,110	30,648	70	70	66 595	14 028,339	136 428,631	9,725	9,263
21	21	98 574	61 777,834	1 903 536,282	30,813	30,351	71	71	64 247	13 235,957	122 400,292	9,248	8,786
22	22	98 497	60 371,297	1 841 758,448	30,505	30,045	72	72	61 752	12 442,032	109 164,335	8,774	8,312
23	23	98 419	58 996,052	1 781 387,151	30,195	29,733	73	73	59 028	11 631,430	96 722,303	8,316	7,854
24	24	98 342	57 652,957	1 722 391,099	29,875	29,413	74	74	56 145	10 819,928	85 090,873	7,864	7,402
25	25	98 263	56 339,014	1 664 738,142	29,549	29,087	75	75	53 072	10 002,781	74 270,945	7,425	6,963
26	26	98 183	55 054,354	1 608 399,128	29,215	28,753	76	76	49 829	9 184,798	64 268,163	6,997	6,535
27	27	98 097	53 795,630	1 553 344,774	28,875	28,413	77	77	46 421	8 368,357	55 083,365	6,582	6,120
28	28	98 010	52 564,991	1 499 549,144	28,528	28,066	78	78	42 837	7 552,283	46 715,008	6,186	5,724
29	29	97 924	51 363,103	1 446 984,153	28,172	27,710	79	79	39 108	6 743,188	39 162,725	5,808	5,346
30	30	97 833	50 186,622	1 395 621,050	27,809	27,347	80	80	35 359	5 962,633	32 419,537	5,437	4,975
31	31	97 742	49 036,205	1 345 434,428	27,438	26,976	81	81	31 529	5 199,695	26 456,904	5,088	4,626
32	32	97 637	47 905,998	1 296 398,223	27,061	26,599	82	82	27 725	4 471,712	21 257,208	4,754	4,292
33	33	97 531	46 800,639	1 248 492,225	26,677	26,215	83	83	23 995	3 784,985	16 785,496	4,435	3,973
34	34	97 425	45 721,008	1 201 691,586	26,283	25,821	84	84	20 410	3 148,703	13 000,511	4,129	3,667
35	35	97 306	44 660,662	1 155 970,578	25,883	25,421	85	85	17 005	2 565,626	9 851,808	3,840	3,378
36	36	97 181	43 621,508	1 111 309,915	25,476	25,014	86	86	13 800	2 036,261	7 286,182	3,578	3,116
37	37	97 047	42 602,830	1 067 688,407	25,061	24,599	87	87	10 900	1 572,975	5 249,921	3,338	2,876
38	38	96 900	41 602,284	1 025 085,577	24,640	24,178	88	88	8 281	1 168,733	3 676,947	3,146	2,684
39	39	96 738	40 619,064	983 483,293	24,212	23,750	89	89	6 150	848,827	2 508,214	2,955	2,493
40	40	96 557	39 650,709	942 864,229	23,779	23,317	90	90	4 421	596,764	1 659,387	2,781	2,319
41	41	96 357	38 697,727	903 213,520	23,340	22,878	91	91	3 126	412,714	1 062,623	2,575	2,113
42	42	96 134	37 758,568	864 515,793	22,896	22,434	92	92	2 083	268,929	649,909	2,417	1,955
43	43	95 888	36 833,270	826 757,225	22,446	21,984	93	93	1 322	166,968	380,980	2,282	1,820
44	44	95 602	35 915,532	789 923,955	21,994	21,532	94	94	803	99,180	214,012	2,158	1,696
45	45	95 291	35 010,830	754 008,422	21,536	21,074	95	95	465	56,132	114,831	2,046	1,584
46	46	94 933	34 111,682	718 997,593	21,078	20,616	96	96	256	30,189	58,699	1,944	1,482
47	47	94 524	33 217,569	684 885,911	20,618	20,156	97	97	133	15,388	28,511	1,853	1,391
48	48	94 068	32 329,926	651 668,342	20,157	19,695	98	98	66	7,414	13,123	1,770	1,308
49	49	93 563	31 448,470	619 338,416	19,694	19,232	99	99	30	3,368	5,709	1,695	1,233
							100	100	13	1,438	2,341	1,627	1,165

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	3 576 178,960	35,877	35,415	50	51	92 786	30 501,117	581 044,312	19,050	18,588
1	2	99 247	97 063,002	3 476 498,921	35,817	35,355	51	52	92 159	29 628,530	550 543,195	18,582	18,120
2	3	99 196	94 878,056	3 379 435,919	35,619	35,157	52	53	91 463	28 757,536	520 914,665	18,114	17,652
3	4	99 162	92 759,112	3 284 557,864	35,410	34,948	53	54	90 705	27 891,779	492 157,129	17,645	17,183
4	5	99 135	90 693,389	3 191 798,752	35,193	34,731	54	55	89 897	27 035,107	464 265,350	17,173	16,711
5	6	99 112	88 676,888	3 101 105,362	34,971	34,509	55	56	89 000	26 176,260	437 230,243	16,703	16,241
6	7	99 093	86 708,576	3 012 428,474	34,742	34,280	56	57	88 051	25 327,221	411 053,983	16,230	15,768
7	8	99 074	84 784,539	2 925 719,898	34,508	34,046	57	58	87 034	24 483,938	385 726,762	15,754	15,292
8	9	99 058	82 905,696	2 840 935,359	34,267	33,805	58	59	85 947	23 646,150	361 242,824	15,277	14,815
9	10	99 042	81 068,423	2 758 029,663	34,021	33,559	59	60	84 780	22 811,802	337 596,674	14,799	14,337
10	11	99 026	79 271,329	2 676 961,240	33,770	33,308	60	61	83 508	21 974,901	314 784,871	14,325	13,863
11	12	99 009	77 513,883	2 597 689,912	33,513	33,051	61	62	82 152	21 142,578	292 809,970	13,849	13,387
12	13	98 992	75 795,017	2 520 176,029	33,250	32,788	62	63	80 719	20 316,593	271 667,392	13,372	12,910
13	14	98 972	74 112,113	2 444 381,012	32,982	32,520	63	64	79 195	19 494,379	251 350,799	12,894	12,431
14	15	98 951	72 465,967	2 370 268,898	32,709	32,247	64	65	77 593	18 679,620	231 856,420	12,412	11,950
15	16	98 921	70 850,067	2 297 802,932	32,432	31,970	65	66	75 885	17 866,598	213 176,800	11,932	11,470
16	17	98 886	69 266,042	2 226 952,864	32,151	31,689	66	67	74 088	17 059,710	195 310,202	11,449	10,987
17	18	98 839	67 709,876	2 157 686,822	31,867	31,405	67	68	72 196	16 258,202	178 250,492	10,964	10,502
18	19	98 784	66 182,857	2 089 976,946	31,579	31,117	68	69	70 200	15 460,853	161 992,290	10,478	10,016
19	20	98 708	64 676,628	2 023 794,090	31,291	30,829	69	70	68 066	14 660,904	146 531,437	9,995	9,533
20	21	98 633	63 205,594	1 959 117,462	30,996	30,534	70	71	65 799	13 860,725	131 870,533	9,514	9,052
21	22	98 553	61 764,481	1 895 911,867	30,696	30,234	71	72	63 389	13 059,350	118 009,808	9,036	8,574
22	23	98 474	60 357,424	1 834 147,386	30,388	29,926	72	73	60 796	12 249,490	104 950,458	8,568	8,106
23	24	98 397	58 982,633	1 773 789,963	30,073	29,611	73	74	58 004	11 429,795	92 700,968	8,110	7,648
24	25	98 320	57 639,849	1 714 807,329	29,750	29,288	74	75	55 060	10 610,843	81 271,173	7,659	7,197
25	26	98 242	56 326,459	1 657 167,480	29,421	28,959	75	76	51 890	9 779,908	70 660,330	7,225	6,763
26	27	98 157	55 039,645	1 600 841,021	29,085	28,623	76	77	48 566	8 951,985	60 880,422	6,801	6,339
27	28	98 072	53 781,744	1 545 801,375	28,742	28,280	77	78	45 077	8 126,058	51 928,438	6,390	5,928
28	29	97 984	52 551,338	1 492 019,632	28,392	27,930	78	79	41 412	7 301,108	43 802,380	5,999	5,537
29	30	97 896	51 348,857	1 439 468,293	28,033	27,571	79	80	37 640	6 489,977	36 501,272	5,624	5,162
30	31	97 807	50 172,849	1 388 119,437	27,667	27,205	80	81	33 826	5 704,014	30 011,295	5,261	4,799
31	32	97 710	49 020,218	1 337 946,587	27,294	26,832	81	82	29 968	4 942,332	24 307,280	4,918	4,456
32	33	97 604	47 889,406	1 288 926,370	26,915	26,453	82	83	26 148	4 217,416	19 364,948	4,592	4,130
33	34	97 495	46 783,707	1 241 036,964	26,527	26,065	83	84	22 436	3 539,116	15 147,532	4,280	3,818
34	35	97 385	45 702,453	1 194 253,257	26,131	25,669	84	85	18 900	2 915,744	11 608,416	3,981	3,519
35	36	97 265	44 641,630	1 148 550,803	25,728	25,266	85	86	15 555	2 346,790	8 692,672	3,704	3,242
36	37	97 135	43 601,167	1 103 909,173	25,318	24,856	86	87	12 466	1 839,459	6 345,883	3,450	2,988
37	38	96 996	42 580,391	1 060 308,006	24,901	24,439	87	88	9 650	1 392,615	4 506,424	3,236	2,774
38	39	96 843	41 577,757	1 017 727,616	24,478	24,016	88	89	7 242	1 022,102	3 113,809	3,046	2,584
39	40	96 670	40 590,498	976 149,859	24,049	23,587	89	90	5 290	730,188	2 091,707	2,865	2,403
40	41	96 488	39 622,446	935 559,361	23,612	23,150	90	91	3 766	508,325	1 361,520	2,678	2,216
41	42	96 277	38 665,570	895 936,914	23,171	22,709	91	92	2 585	341,255	853,194	2,500	2,038
42	43	96 043	37 722,851	857 271,344	22,726	22,264	92	93	1 689	218,106	511,939	2,347	1,885
43	44	95 786	36 794,391	819 548,493	22,274	21,812	93	94	1 049	132,425	293,833	2,219	1,757
44	45	95 494	35 874,918	782 754,103	21,819	21,357	94	95	622	76,826	161,408	2,101	1,639
45	46	95 162	34 963,475	746 879,184	21,362	20,900	95	96	351	42,411	84,582	1,994	1,532
46	47	94 785	34 058,777	711 915,709	20,903	20,441	96	97	188	22,219	42,171	1,898	1,436
47	48	94 360	33 159,923	677 856,932	20,442	19,980	97	98	95	11,018	19,952	1,811	1,349
48	49	93 894	32 270,020	644 697,009	19,978	19,516	98	99	46	5,158	8,934	1,732	1,270
49	50	93 367	31 382,677	612 426,989	19,515	19,053	99	100	21	2,274	3,776	1,661	1,199

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	3 567 756,050	35,802	35,340	50	52	92 555	30 425,145	573 705,616	18,856	18,394
1	3	99 231	97 047,354	3 468 104,354	35,736	35,274	51	53	91 904	29 546,434	543 280,471	18,387	17,925
2	4	99 181	94 864,451	3 371 057,000	35,536	35,073	52	54	91 185	28 670,137	513 734,037	17,919	17,457
3	5	99 150	92 747,995	3 276 192,548	35,324	34,862	53	55	90 416	27 802,912	485 063,900	17,447	16,984
4	6	99 126	90 685,185	3 183 444,554	35,104	34,642	54	56	89 574	26 937,847	457 260,988	16,975	16,513
5	7	99 104	88 669,778	3 092 759,368	34,880	34,418	55	57	88 662	26 076,976	430 323,141	16,502	16,040
6	8	99 084	86 701,332	3 004 089,590	34,649	34,187	56	58	87 687	25 222,714	404 246,165	16,027	15,565
7	9	99 068	84 779,273	2 917 388,258	34,412	33,950	57	59	86 637	24 372,300	379 023,451	15,551	15,089
8	10	99 052	82 900,433	2 832 608,985	34,169	33,707	58	60	85 537	23 533,160	354 651,151	15,070	14,608
9	11	99 035	81 061,892	2 749 708,552	33,921	33,459	59	61	84 317	22 687,070	331 117,991	14,595	14,133
10	12	99 018	79 265,033	2 668 646,660	33,667	33,205	60	62	83 033	21 849,964	308 430,920	14,116	13,654
11	13	99 002	77 507,941	2 589 381,627	33,408	32,946	61	63	81 637	21 009,913	286 580,957	13,640	13,178
12	14	98 982	75 787,561	2 511 873,686	33,144	32,682	62	64	80 181	20 181,109	265 571,043	13,159	12,697
13	15	98 960	74 102,939	2 436 086,125	32,874	32,412	63	65	78 625	19 354,101	245 389,934	12,679	12,217
14	16	98 938	72 456,143	2 361 983,187	32,599	32,137	64	66	76 992	18 534,994	226 035,833	12,195	11,733
15	17	98 905	70 838,677	2 289 527,043	32,320	31,858	65	67	75 262	17 719,739	207 500,839	11,710	11,248
16	18	98 868	69 253,883	2 218 688,366	32,037	31,575	66	68	73 420	16 905,838	189 781,100	11,226	10,764
17	19	98 817	67 695,085	2 149 434,483	31,752	31,290	67	69	71 489	16 098,951	172 875,263	10,738	10,276
18	20	98 762	66 168,624	2 081 739,397	31,461	30,999	68	70	69 430	15 291,284	156 776,312	10,253	9,791
19	21	98 687	64 662,982	2 015 570,773	31,170	30,708	69	71	67 253	14 485,732	141 485,028	9,767	9,305
20	22	98 612	63 191,933	1 950 907,792	30,873	30,411	70	72	64 921	13 675,782	126 999,296	9,286	8,824
21	23	98 530	61 750,288	1 887 715,859	30,570	30,108	71	73	62 408	12 857,254	113 323,514	8,814	8,352
22	24	98 452	60 343,695	1 825 965,571	30,259	29,797	72	74	59 742	12 037,140	100 466,260	8,346	7,884
23	25	98 374	58 969,223	1 765 621,876	29,941	29,479	73	75	56 883	11 208,925	88 429,120	7,889	7,427
24	26	98 298	57 627,004	1 706 652,653	29,616	29,153	74	76	53 833	10 374,421	77 220,195	7,443	6,981
25	27	98 215	56 311,411	1 649 025,648	29,284	28,822	75	77	50 575	9 532,010	66 845,774	7,013	6,551
26	28	98 132	55 025,438	1 592 714,237	28,945	28,483	76	78	47 160	8 692,786	57 313,764	6,593	6,131
27	29	98 046	53 767,775	1 537 688,799	28,599	28,137	77	79	43 578	7 855,800	48 620,978	6,189	5,727
28	30	97 957	52 536,763	1 483 921,024	28,245	27,783	78	80	39 857	7 026,947	40 765,178	5,801	5,339
29	31	97 870	51 334,765	1 431 384,261	27,883	27,421	79	81	36 007	6 208,486	33 738,230	5,434	4,972
30	32	97 775	50 156,492	1 380 049,497	27,515	27,053	80	82	32 151	5 421,690	27 529,744	5,078	4,616
31	33	97 676	49 003,240	1 329 893,005	27,139	26,677	81	83	28 264	4 661,273	22 108,055	4,743	4,281
32	34	97 568	47 872,080	1 280 889,765	26,757	26,294	82	84	24 449	3 943,456	17 446,782	4,424	3,962
33	35	97 456	46 764,721	1 233 017,686	26,366	25,904	83	85	20 776	3 277,272	13 503,326	4,120	3,658
34	36	97 344	45 682,977	1 186 252,964	25,967	25,505	84	86	17 288	2 667,044	10 226,054	3,834	3,372
35	37	97 220	44 620,813	1 140 569,987	25,561	25,099	85	87	14 051	2 119,976	7 559,010	3,566	3,104
36	38	97 084	43 578,202	1 095 949,174	25,149	24,687	86	88	11 037	1 628,544	5 439,034	3,340	2,878
37	39	96 938	42 555,287	1 052 370,972	24,730	24,267	87	89	8 440	1 217,895	3 810,490	3,129	2,667
38	40	96 775	41 548,517	1 009 815,685	24,304	23,842	88	90	6 230	879,244	2 592,596	2,949	2,487
39	41	96 602	40 561,565	968 267,168	23,872	23,410	89	91	4 506	621,976	1 713,352	2,755	2,293
40	42	96 408	39 589,521	927 705,603	23,433	22,971	90	92	3 114	420,312	1 091,376	2,597	2,135
41	43	96 185	38 628,995	888 116,082	22,991	22,529	91	93	2 096	276,763	671,064	2,425	1,963
42	44	95 941	37 683,032	849 487,087	22,543	22,081	92	94	1 340	172,984	394,300	2,279	1,817
43	45	95 678	36 752,783	811 804,055	22,088	21,626	93	95	812	102,578	221,317	2,158	1,696
44	46	95 365	35 826,395	775 051,272	21,634	21,172	94	96	470	58,046	118,739	2,046	1,584
45	47	95 014	34 909,250	739 224,877	21,176	20,714	95	97	258	31,215	60,693	1,944	1,482
46	48	94 621	33 999,671	704 315,628	20,715	20,253	96	98	135	15,910	29,479	1,853	1,391
47	49	94 185	33 098,479	670 315,956	20,252	19,790	97	99	66	7,666	13,569	1,770	1,308
48	50	93 698	32 202,509	637 217,478	19,788	19,326	98	100	31	3,482	5,903	1,695	1,233
49	51	93 149	31 309,353	605 014,969	19,324	18,862							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	3 558 747,661	35,718	35,256	50	53	92 298	30 340,842	565 856,447	18,650	18,188
1	4	99 217	97 033,439	3 459 112,030	35,649	35,187	51	54	91 625	29 456,637	535 515,605	18,180	17,718
2	5	99 169	94 853,082	3 362 078,591	35,445	34,983	52	55	90 894	28 578,789	506 058,968	17,708	17,245
3	6	99 141	92 739,605	3 267 225,509	35,230	34,768	53	56	90 091	27 702,890	477 480,179	17,236	16,774
4	7	99 119	90 677,914	3 174 485,904	35,008	34,546	54	57	89 234	26 835,675	449 777,289	16,760	16,298
5	8	99 096	88 662,371	3 083 807,990	34,781	34,319	55	58	88 297	25 969,375	422 941,614	16,286	15,824
6	9	99 078	86 695,947	2 995 145,619	34,548	34,086	56	59	87 288	25 107,708	396 972,239	15,811	15,349
7	10	99 062	84 773,891	2 908 449,673	34,308	33,846	57	60	86 223	24 255,841	371 864,531	15,331	14,869
8	11	99 044	82 893,754	2 823 675,782	34,064	33,602	58	61	85 069	23 404,484	347 608,691	14,852	14,390
9	12	99 027	81 055,454	2 740 782,028	33,814	33,352	59	62	83 837	22 558,084	324 204,207	14,372	13,910
10	13	99 011	79 258,957	2 659 726,573	33,557	33,095	60	63	82 512	21 712,860	301 646,123	13,893	13,430
11	14	98 992	77 500,317	2 580 467,617	33,296	32,834	61	64	81 093	20 869,806	279 933,263	13,413	12,951
12	15	98 970	75 778,179	2 502 967,300	33,030	32,568	62	65	79 604	20 035,890	259 063,457	12,930	12,468
13	16	98 946	74 092,893	2 427 189,121	32,759	32,297	63	66	78 016	19 204,253	239 027,568	12,447	11,985
14	17	98 922	72 444,495	2 353 096,228	32,481	32,019	64	67	76 359	18 382,641	219 823,315	11,958	11,496
15	18	98 888	70 826,243	2 280 651,733	32,201	31,739	65	68	74 583	17 559,913	201 440,674	11,472	11,010
16	19	98 847	69 238,756	2 209 825,491	31,916	31,454	66	69	72 701	16 740,242	183 880,760	10,984	10,522
17	20	98 796	67 680,527	2 140 586,735	31,628	31,166	67	70	70 705	15 922,383	167 140,518	10,497	10,035
18	21	98 742	66 154,663	2 072 906,208	31,334	30,872	68	71	68 601	15 108,580	151 218,135	10,009	9,547
19	22	98 665	64 649,005	2 006 751,544	31,041	30,579	69	72	66 355	14 292,449	136 109,555	9,523	9,061
20	23	98 589	63 177,411	1 942 102,540	30,740	30,278	70	73	63 916	13 464,147	121 817,105	9,048	8,586
21	24	98 508	61 736,243	1 878 925,128	30,435	29,973	71	74	61 327	12 634,368	108 352,958	8,576	8,114
22	25	98 430	60 329,976	1 817 188,885	30,121	29,659	72	75	58 588	11 804,533	95 718,590	8,109	7,647
23	26	98 352	58 956,082	1 756 858,910	29,799	29,337	73	76	55 616	10 959,177	83 914,057	7,657	7,195
24	27	98 272	57 611,609	1 697 902,827	29,472	29,010	74	77	52 469	10 111,454	72 954,880	7,215	6,753
25	28	98 190	56 296,875	1 640 291,218	29,136	28,674	75	78	49 110	9 256,017	62 843,426	6,789	6,327
26	29	98 106	55 011,146	1 583 994,343	28,794	28,332	76	79	45 591	8 403,681	53 587,409	6,377	5,915
27	30	98 019	53 752,862	1 528 983,197	28,445	27,983	77	80	41 941	7 560,810	45 183,728	5,976	5,514
28	31	97 930	52 522,344	1 475 230,335	28,088	27,626	78	81	38 128	6 722,166	37 622,918	5,597	5,135
29	32	97 838	51 318,028	1 422 707,991	27,723	27,261	79	82	34 225	5 901,192	30 900,752	5,236	4,774
30	33	97 741	50 139,120	1 371 389,963	27,352	26,890	80	83	30 323	5 113,370	24 999,560	4,889	4,427
31	34	97 641	48 985,511	1 321 250,842	26,972	26,510	81	84	26 428	4 358,481	19 886,189	4,563	4,101
32	35	97 529	47 852,652	1 272 265,331	26,587	26,125	82	85	22 641	3 651,697	15 527,709	4,252	3,790
33	36	97 414	46 744,792	1 224 412,679	26,194	25,732	83	86	19 004	2 997,735	11 876,012	3,962	3,500
34	37	97 298	45 661,674	1 177 667,887	25,791	25,329	84	87	15 617	2 409,278	8 878,277	3,685	3,223
35	38	97 168	44 597,311	1 132 006,212	25,383	24,921	85	88	12 440	1 876,896	6 468,999	3,447	2,985
36	39	97 027	43 552,510	1 087 408,901	24,968	24,506	86	89	9 652	1 424,223	4 592,103	3,224	2,762
37	40	96 870	42 525,359	1 043 856,392	24,547	24,085	87	90	7 260	1 047,671	3 167,879	3,024	2,562
38	41	96 706	41 518,901	1 001 331,032	24,117	23,655	88	91	5 307	748,943	2 120,208	2,831	2,369
39	42	96 521	40 527,859	959 812,131	23,683	23,221	89	92	3 726	514,285	1 371,266	2,666	2,204
40	43	96 317	39 552,071	919 284,271	23,242	22,780	90	93	2 525	340,880	856,981	2,514	2,052
41	44	96 084	38 588,220	879 732,200	22,798	22,336	91	94	1 663	219,506	516,101	2,351	1,889
42	45	95 833	37 640,420	841 143,980	22,347	21,885	92	95	1 038	133,995	296,595	2,213	1,751
43	46	95 549	36 703,072	803 503,560	21,892	21,430	93	96	614	77,503	162,601	2,098	1,636
44	47	95 217	35 770,831	766 800,488	21,436	20,974	94	97	346	42,722	85,098	1,992	1,530
45	48	94 850	34 848,668	731 029,657	20,977	20,515	95	98	185	22,351	42,376	1,896	1,434
46	49	94 446	33 936,671	696 180,989	20,514	20,052	96	99	94	11,069	20,025	1,809	1,347
47	50	93 988	33 029,234	662 244,318	20,050	19,588	97	100	45	5,175	8,956	1,731	1,269
48	51	93 479	32 127,269	629 215,084	19,585	19,123							
49	52	92 917	31 231,368	597 087,815	19,118	18,656							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	3 549 119,325	35,626	35,164	50	54	92 018	30 248,631	557 485,276	18,430	17,968
1	5	99 205	97 021,810	3 449 497,981	35,554	35,092	51	55	91 333	29 362,783	527 236,645	17,956	17,494
2	6	99 161	94 844,502	3 352 476,171	35,347	34,885	52	56	90 567	28 475,976	497 873,861	17,484	17,022
3	7	99 133	92 732,169	3 257 631,669	35,129	34,667	53	57	89 749	27 597,816	469 397,885	17,009	16,547
4	8	99 110	90 670,339	3 164 899,500	34,906	34,444	54	58	88 866	26 724,943	441 800,069	16,531	16,069
5	9	99 090	88 656,864	3 074 229,161	34,676	34,214	55	59	87 894	25 850,964	415 075,126	16,056	15,594
6	10	99 072	86 690,443	2 985 572,298	34,439	33,977	56	60	86 871	24 987,734	389 224,162	15,577	15,115
7	11	99 054	84 767,062	2 898 881,855	34,198	33,736	57	61	85 752	24 123,213	364 236,428	15,099	14,637
8	12	99 036	82 887,171	2 814 114,793	33,951	33,489	58	62	84 585	23 271,419	340 113,216	14,615	14,153
9	13	99 019	81 049,241	2 731 227,622	33,698	33,236	59	63	83 311	22 416,537	316 841,797	14,134	13,672
10	14	99 001	79 251,160	2 650 178,381	33,440	32,978	60	64	81 962	21 568,065	294 425,260	13,651	13,189
11	15	98 980	77 490,722	2 570 927,222	33,177	32,715	61	65	80 509	20 719,630	272 857,195	13,169	12,707
12	16	98 957	75 767,906	2 493 436,499	32,909	32,447	62	66	78 988	19 880,763	252 137,565	12,682	12,220
13	17	98 930	74 080,982	2 417 668,593	32,635	32,173	63	67	77 375	19 046,399	232 256,802	12,194	11,732
14	18	98 904	72 431,778	2 343 587,611	32,356	31,894	64	68	75 670	18 216,836	213 210,403	11,704	11,242
15	19	98 866	70 810,771	2 271 155,833	32,074	31,612	65	69	73 852	17 387,911	194 993,567	11,214	10,752
16	20	98 825	69 223,866	2 200 345,061	31,786	31,324	66	70	71 904	16 556,641	177 605,655	10,727	10,265
17	21	98 775	67 666,247	2 131 121,196	31,495	31,033	67	71	69 860	15 732,139	161 049,014	10,237	9,775
18	22	98 720	66 140,364	2 063 454,948	31,198	30,736	68	72	67 685	14 906,986	145 316,875	9,748	9,286
19	23	98 643	64 634,149	1 997 314,584	30,902	30,440	69	73	65 328	14 071,271	130 409,888	9,268	8,806
20	24	98 567	63 163,041	1 932 680,435	30,598	30,136	70	74	62 808	13 230,741	116 338,617	8,793	8,331
21	25	98 485	61 722,207	1 869 517,394	30,289	29,827	71	75	60 142	12 390,221	103 107,876	8,322	7,860
22	26	98 408	60 316,532	1 807 795,187	29,972	29,510	72	76	57 282	11 541,515	90 717,655	7,860	7,398
23	27	98 326	58 940,332	1 747 478,656	29,648	29,186	73	77	54 206	10 681,387	79 176,141	7,413	6,951
24	28	98 247	57 596,738	1 688 538,324	29,317	28,855	74	78	50 949	9 818,684	68 494,754	6,976	6,514
25	29	98 164	56 282,253	1 630 941,586	28,978	28,516	75	79	47 477	8 948,180	58 676,070	6,557	6,095
26	30	98 079	54 995,888	1 574 659,333	28,632	28,170	76	80	43 879	8 088,117	49 727,890	6,148	5,686
27	31	97 992	53 738,110	1 519 663,445	28,279	27,817	77	81	40 122	7 232,874	41 639,773	5,757	5,295
28	32	97 898	52 505,221	1 465 925,335	27,920	27,458	78	82	36 241	6 389,447	34 406,899	5,385	4,923
29	33	97 804	51 300,255	1 413 420,114	27,552	27,090	79	83	32 279	5 565,604	28 017,452	5,034	4,572
30	34	97 706	50 120,980	1 362 119,860	27,177	26,715	80	84	28 353	4 781,210	22 451,848	4,696	4,234
31	35	97 601	48 965,632	1 311 998,880	26,794	26,332	81	85	24 473	4 036,015	17 670,638	4,378	3,916
32	36	97 487	47 832,260	1 263 033,248	26,405	25,943	82	86	20 709	3 340,224	13 634,623	4,082	3,620
33	37	97 369	46 722,995	1 215 200,988	26,009	25,547	83	87	17 167	2 708,008	10 294,399	3,801	3,339
34	38	97 247	45 637,624	1 168 477,994	25,603	25,141	84	88	13 827	2 133,026	7 586,391	3,557	3,095
35	39	97 111	44 571,018	1 122 840,369	25,192	24,730	85	89	10 879	1 641,417	5 453,364	3,322	2,860
36	40	96 959	43 521,881	1 078 269,351	24,775	24,313	86	90	8 303	1 225,162	3 811,947	3,111	2,649
37	41	96 801	42 495,048	1 034 747,471	24,350	23,888	87	91	6 184	892,410	2 586,786	2,899	2,437
38	42	96 625	41 484,400	992 252,423	23,919	23,457	88	92	4 388	619,268	1 694,376	2,736	2,274
39	43	96 430	40 489,522	950 768,023	23,482	23,020	89	93	3 022	417,093	1 075,108	2,578	2,116
40	44	96 215	39 510,322	910 278,501	23,039	22,577	90	94	2 003	270,358	658,015	2,434	1,972
41	45	95 975	38 544,583	870 768,178	22,591	22,129	91	95	1 288	170,031	387,657	2,280	1,818
42	46	95 703	37 589,508	832 223,595	22,140	21,678	92	96	784	101,240	217,626	2,150	1,688
43	47	95 401	36 646,149	794 634,086	21,684	21,222	93	97	452	57,043	116,386	2,040	1,578
44	48	95 052	35 708,754	757 987,937	21,227	20,765	94	98	248	30,591	59,344	1,940	1,478
45	49	94 674	34 784,094	722 279,183	20,765	20,303	95	99	129	15,550	28,752	1,849	1,387
46	50	94 248	33 865,673	687 495,089	20,301	19,839	96	100	63	7,473	13,202	1,767	1,305
47	51	93 769	32 952,063	653 629,416	19,836	19,374							
48	52	93 246	32 047,247	620 677,353	19,368	18,906							
49	53	92 659	31 144,831	588 630,107	18,900	18,438							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	3 538 848,895	35,527	35,065	50	55	91 725	30 152,254	548 582,258	18,194	17,732
1	6	99 196	97 013,033	3 439 239,490	35,451	34,989	51	56	91 004	29 257,150	518 430,004	17,720	17,258
2	7	99 153	94 836,897	3 342 226,457	35,242	34,780	52	57	90 224	28 367,970	489 172,854	17,244	16,782
3	8	99 125	92 724,422	3 247 389,560	35,022	34,560	53	58	89 379	27 483,940	460 804,884	16,766	16,304
4	9	99 104	90 664,707	3 154 665,138	34,795	34,333	54	59	88 461	26 603,087	433 320,944	16,288	15,826
5	10	99 084	88 651,235	3 064 000,431	34,562	34,100	55	60	87 474	25 727,439	406 717,857	15,809	15,347
6	11	99 064	86 683,459	2 975 349,195	34,324	33,862	56	61	86 396	24 851,104	380 990,418	15,331	14,869
7	12	99 046	84 760,329	2 888 665,736	34,080	33,618	57	62	85 264	23 986,061	356 139,314	14,848	14,386
8	13	99 029	82 880,817	2 803 905,407	33,831	33,369	58	63	84 055	23 125,396	332 153,253	14,363	13,901
9	14	99 009	81 041,268	2 721 024,590	33,576	33,114	59	64	82 756	22 267,049	309 027,858	13,878	13,416
10	15	98 989	79 241,349	2 639 983,322	33,316	32,854	60	65	81 372	21 412,865	286 760,809	13,392	12,930
11	16	98 966	77 480,218	2 560 741,973	33,050	32,588	61	66	79 886	20 559,210	265 347,944	12,907	12,445
12	17	98 941	75 755,726	2 483 261,755	32,780	32,318	62	67	78 338	19 717,348	244 788,733	12,415	11,953
13	18	98 913	74 067,978	2 407 506,029	32,504	32,042	63	68	76 677	18 874,607	225 071,385	11,925	11,463
14	19	98 883	72 415,956	2 333 438,051	32,223	31,761	64	69	74 929	18 038,400	206 196,778	11,431	10,969
15	20	98 845	70 795,543	2 261 022,095	31,937	31,475	65	70	73 042	17 197,207	188 158,378	10,941	10,479
16	21	98 805	69 209,260	2 190 226,552	31,646	31,184	66	71	71 045	16 358,819	170 961,172	10,451	9,989
17	22	98 754	67 651,621	2 121 017,292	31,352	30,890	67	72	68 928	15 522,225	154 602,353	9,960	9,498
18	23	98 698	66 125,165	2 053 365,670	31,053	30,591	68	73	66 638	14 676,299	139 080,127	9,477	9,014
19	24	98 620	64 619,448	1 987 240,505	30,753	30,291	69	74	64 196	13 827,340	124 403,829	8,997	8,535
20	25	98 544	63 148,681	1 922 621,057	30,446	29,984	70	75	61 594	12 975,069	110 576,488	8,522	8,060
21	26	98 463	61 708,452	1 859 472,376	30,133	29,671	71	76	58 802	12 114,152	97 601,420	8,057	7,595
22	27	98 381	60 300,418	1 797 763,924	29,813	29,351	72	77	55 830	11 248,964	85 487,267	7,600	7,138
23	28	98 301	58 925,117	1 737 463,506	29,486	29,024	73	78	52 637	10 372,115	74 238,303	7,157	6,695
24	29	98 221	57 581,778	1 678 538,389	29,151	28,688	74	79	49 255	9 492,133	63 866,188	6,728	6,266
25	30	98 137	56 266,643	1 620 956,611	28,808	28,346	75	80	45 694	8 612,170	54 374,055	6,314	5,852
26	31	98 052	54 980,795	1 564 689,968	28,459	27,997	76	81	41 976	7 737,310	45 761,885	5,914	5,452
27	32	97 960	53 720,590	1 509 709,173	28,103	27,641	77	82	38 136	6 874,877	38 024,575	5,531	5,069
28	33	97 864	52 487,036	1 455 988,584	27,740	27,278	78	83	34 180	6 026,093	31 149,698	5,169	4,707
29	34	97 768	51 281,695	1 403 501,548	27,368	26,906	79	84	30 182	5 204,068	25 123,605	4,828	4,366
30	35	97 666	50 100,640	1 352 219,853	26,990	26,528	80	85	26 256	4 427,469	19 919,537	4,499	4,037
31	36	97 559	48 944,765	1 302 119,213	26,604	26,142	81	86	22 385	3 691,761	15 492,069	4,196	3,734
32	37	97 442	47 809,955	1 253 174,448	26,212	25,750	82	87	18 708	3 017,396	11 800,308	3,911	3,449
33	38	97 318	46 698,386	1 205 364,494	25,812	25,350	83	88	15 199	2 397,504	8 782,912	3,663	3,201
34	39	97 190	45 610,718	1 158 666,108	25,403	24,941	84	89	12 092	1 865,413	6 385,408	3,423	2,961
35	40	97 043	44 539,673	1 113 055,390	24,990	24,528	85	90	9 359	1 411,998	4 519,995	3,201	2,739
36	41	96 890	43 490,859	1 068 515,718	24,569	24,107	86	91	7 073	1 043,597	3 107,997	2,978	2,516
37	42	96 721	42 459,735	1 025 024,859	24,141	23,679	87	92	5 113	737,894	2 064,400	2,798	2,336
38	43	96 534	41 445,158	982 565,124	23,708	23,246	88	93	3 559	502,236	1 326,506	2,641	2,179
39	44	96 328	40 446,784	941 119,966	23,268	22,806	89	94	2 397	330,804	824,270	2,492	2,030
40	45	96 106	39 465,643	900 673,182	22,822	22,360	90	95	1 551	209,421	493,466	2,356	1,894
41	46	95 845	38 492,449	861 207,539	22,373	21,911	91	96	973	128,467	284,044	2,211	1,749
42	47	95 555	37 531,210	822 715,089	21,921	21,459	92	97	577	74,514	155,577	2,088	1,626
43	48	95 235	36 582,553	785 183,879	21,463	21,001	93	98	323	40,845	81,064	1,985	1,523
44	49	94 876	35 642,587	748 601,326	21,003	20,541	94	99	172	21,283	40,219	1,890	1,428
45	50	94 476	34 711,324	712 958,739	20,540	20,078	95	100	87	10,498	18,936	1,804	1,342
46	51	94 028	33 786,547	678 247,416	20,074	19,612							
47	52	93 535	32 869,986	644 460,869	19,606	19,144							
48	53	92 988	31 958,449	611 590,883	19,137	18,675							
49	54	92 378	31 050,176	579 632,434	18,668	18,206							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	3 527 915,672	35,421	34,959	50	56	91 395	30 043,780	539 136,023	17,945	17,483
1	7	99 188	97 005,255	3 428 315,277	35,342	34,880	51	57	90 659	29 146,181	509 092,243	17,467	17,005
2	8	99 144	94 828,974	3 331 310,022	35,130	34,668	52	58	89 851	28 250,916	479 946,062	16,989	16,527
3	9	99 119	92 718,663	3 236 481,048	34,906	34,444	53	59	88 971	27 358,623	451 695,146	16,510	16,048
4	10	99 098	90 658,951	3 143 762,385	34,677	34,215	54	60	88 038	26 475,968	424 336,524	16,027	15,565
5	11	99 076	88 644,094	3 053 103,434	34,442	33,980	55	61	86 996	25 586,765	397 860,556	15,549	15,087
6	12	99 056	86 676,575	2 964 459,340	34,201	33,739	56	62	85 904	24 709,814	372 273,791	15,066	14,604
7	13	99 038	84 753,832	2 877 782,765	33,955	33,493	57	63	84 729	23 835,554	347 563,977	14,582	14,120
8	14	99 019	82 872,664	2 793 028,933	33,703	33,241	58	64	83 494	22 971,181	323 728,423	14,093	13,631
9	15	98 997	81 031,236	2 710 156,269	33,446	32,984	59	65	82 160	22 106,819	300 757,243	13,605	13,143
10	16	98 975	79 230,607	2 629 125,034	33,183	32,721	60	66	80 742	21 247,077	278 650,423	13,115	12,653
11	17	98 950	77 467,762	2 549 894,427	32,916	32,454	61	67	79 229	20 390,218	257 403,346	12,624	12,162
12	18	98 923	75 742,428	2 472 426,665	32,643	32,181	62	68	77 632	19 539,505	237 013,128	12,130	11,668
13	19	98 891	74 051,799	2 396 684,237	32,365	31,903	63	69	75 926	18 689,728	217 473,623	11,636	11,174
14	20	98 862	72 400,383	2 322 632,439	32,080	31,618	64	70	74 107	17 840,561	198 783,895	11,142	10,680
15	21	98 824	70 780,606	2 250 232,056	31,792	31,330	65	71	72 169	16 991,731	180 943,334	10,649	10,187
16	22	98 783	69 194,301	2 179 451,450	31,498	31,036	66	72	70 097	16 140,543	163 951,603	10,158	9,696
17	23	98 731	67 636,076	2 110 257,149	31,200	30,738	67	73	67 861	15 282,017	147 811,060	9,672	9,210
18	24	98 675	66 110,125	2 042 621,073	30,897	30,435	68	74	65 483	14 421,879	132 529,043	9,189	8,727
19	25	98 598	64 604,756	1 976 510,948	30,594	30,132	69	75	62 955	13 560,140	118 107,164	8,710	8,248
20	26	98 522	63 134,609	1 911 906,192	30,283	29,821	70	76	60 222	12 685,969	104 547,025	8,241	7,779
21	27	98 437	61 691,966	1 848 771,583	29,968	29,506	71	77	57 311	11 807,087	91 861,055	7,780	7,318
22	28	98 356	60 284,852	1 787 079,617	29,644	29,182	72	78	54 214	10 923,258	80 053,969	7,329	6,867
23	29	98 275	58 909,813	1 726 794,765	29,313	28,850	73	79	50 886	10 027,158	69 130,710	6,894	6,432
24	30	98 194	57 565,807	1 667 884,952	28,974	28,512	74	80	47 405	9 135,697	59 103,552	6,470	6,008
25	31	98 110	56 251,201	1 610 319,145	28,627	28,165	75	81	43 712	8 238,633	49 967,855	6,065	5,603
26	32	98 020	54 962,870	1 554 067,945	28,275	27,813	76	82	39 898	7 354,346	41 729,222	5,674	5,212
27	33	97 926	53 701,984	1 499 105,075	27,915	27,453	77	83	35 968	6 483,918	34 374,876	5,302	4,840
28	34	97 829	52 468,047	1 445 403,091	27,548	27,086	78	84	31 960	5 634,644	27 890,959	4,950	4,488
29	35	97 729	51 260,883	1 392 935,044	27,173	26,711	79	85	27 949	4 819,041	22 256,315	4,618	4,156
30	36	97 624	50 079,289	1 341 674,161	26,791	26,329	80	86	24 016	4 049,826	17 437,274	4,306	3,844
31	37	97 514	48 921,941	1 291 594,871	26,401	25,939	81	87	20 222	3 334,958	13 387,449	4,014	3,552
32	38	97 390	47 784,773	1 242 672,930	26,006	25,544	82	88	16 563	2 671,416	10 052,491	3,763	3,301
33	39	97 260	46 670,854	1 194 888,157	25,602	25,140	83	89	13 292	2 096,708	7 381,074	3,520	3,058
34	40	97 121	45 578,642	1 148 217,304	25,192	24,730	84	90	10 402	1 604,686	5 284,366	3,293	2,831
35	41	96 974	44 507,925	1 102 638,662	24,774	24,312	85	91	7 972	1 202,745	3 679,680	3,059	2,597
36	42	96 809	43 454,719	1 058 130,737	24,350	23,888	86	92	5 848	862,904	2 476,935	2,870	2,408
37	43	96 629	42 419,570	1 014 676,018	23,920	23,458	87	93	4 147	598,444	1 614,031	2,697	2,235
38	44	96 432	41 401,411	972 256,448	23,484	23,022	88	94	2 822	398,332	1 015,587	2,550	2,088
39	45	96 219	40 401,045	930 855,037	23,040	22,578	89	95	1 856	256,243	617,254	2,409	1,947
40	46	95 976	39 412,263	890 453,991	22,593	22,131	90	96	1 172	158,229	361,011	2,282	1,820
41	47	95 697	38 432,751	851 041,728	22,144	21,682	91	97	716	94,553	202,782	2,145	1,683
42	48	95 389	37 466,078	812 608,977	21,689	21,227	92	98	413	53,355	108,229	2,028	1,566
43	49	95 059	36 514,767	775 142,899	21,228	20,766	93	99	225	28,417	54,874	1,931	1,469
44	50	94 677	35 568,020	738 628,133	20,767	20,305	94	100	116	14,368	26,457	1,841	1,379
45	51	94 255	34 630,222	703 060,113	20,302	19,840							
46	52	93 794	33 702,392	668 429,891	19,833	19,371							
47	53	93 276	32 778,909	634 727,498	19,364	18,902							
48	54	92 705	31 861,321	601 948,590	18,893	18,431							
49	55	92 083	30 951,246	570 087,268	18,419	17,957							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	3 516 300,373	35,307	34,845	50	57	91 048	29 929,827	529 145,578	17,680	17,218
1	8	99 180	96 997,151	3 416 707,965	35,225	34,763	51	58	90 285	29 025,915	499 215,751	17,199	16,737
2	9	99 138	94 823,084	3 319 710,814	35,010	34,548	52	59	89 442	28 122,102	470 189,835	16,720	16,258
3	10	99 113	92 712,776	3 224 887,729	34,784	34,322	53	60	88 546	27 227,894	442 067,734	16,236	15,774
4	11	99 090	90 651,648	3 132 174,953	34,552	34,090	54	61	87 557	26 331,201	414 839,840	15,755	15,293
5	12	99 068	88 637,053	3 041 523,305	34,314	33,852	55	62	86 501	25 441,292	388 508,640	15,271	14,809
6	13	99 049	86 669,931	2 952 886,252	34,070	33,608	56	63	85 365	24 554,765	363 067,348	14,786	14,324
7	14	99 028	84 745,495	2 866 216,321	33,821	33,359	57	64	84 164	23 676,603	338 512,582	14,297	13,835
8	15	99 007	82 862,405	2 781 470,826	33,567	33,105	58	65	82 893	22 805,884	314 835,979	13,805	13,343
9	16	98 984	81 020,251	2 698 608,421	33,308	32,846	59	66	81 524	21 935,659	292 030,095	13,313	12,851
10	17	98 959	79 217,870	2 617 588,171	33,043	32,581	60	67	80 078	21 072,432	270 094,436	12,817	12,355
11	18	98 933	77 454,163	2 538 370,301	32,773	32,311	61	68	78 514	20 206,306	249 022,005	12,324	11,862
12	19	98 902	75 725,883	2 460 916,138	32,498	32,036	62	69	76 871	19 348,113	228 815,698	11,826	11,364
13	20	98 870	74 035,874	2 385 190,255	32,217	31,755	63	70	75 094	18 484,745	209 467,586	11,332	10,870
14	21	98 841	72 385,107	2 311 154,382	31,929	31,467	64	71	73 222	17 627,398	190 982,841	10,834	10,372
15	22	98 803	70 765,307	2 238 769,274	31,637	31,175	65	72	71 206	16 765,010	173 355,442	10,340	9,878
16	23	98 761	69 178,400	2 168 003,967	31,339	30,877	66	73	69 012	15 890,766	156 590,432	9,854	9,392
17	24	98 709	67 620,691	2 098 825,567	31,038	30,576	67	74	66 685	15 017,097	140 699,666	9,369	8,907
18	25	98 653	66 095,094	2 031 204,875	30,732	30,270	68	75	64 217	14 143,190	125 682,570	8,886	8,424
19	26	98 576	64 590,359	1 965 109,781	30,424	29,962	69	76	61 553	13 258,004	111 539,380	8,413	7,951
20	27	98 496	63 117,742	1 900 519,422	30,111	29,649	70	77	58 696	12 364,409	98 281,376	7,949	7,487
21	28	98 412	61 676,042	1 837 401,680	29,791	29,329	71	78	55 652	11 465,221	85 916,967	7,494	7,032
22	29	98 331	60 269,194	1 775 725,638	29,463	29,001	72	79	52 411	10 559,971	74 451,746	7,050	6,588
23	30	98 248	58 893,473	1 715 456,444	29,128	28,666	73	80	48 975	9 650,632	63 891,774	6,620	6,158
24	31	98 167	57 550,008	1 656 562,970	28,785	28,323	74	81	45 349	8 739,453	54 241,142	6,206	5,744
25	32	98 078	56 232,862	1 599 012,962	28,436	27,974	75	82	41 549	7 830,855	45 501,689	5,811	5,349
26	33	97 986	54 943,834	1 542 780,100	28,079	27,617	76	83	37 630	6 936,120	37 670,834	5,431	4,969
27	34	97 891	53 682,555	1 487 836,267	27,715	27,253	77	84	33 631	6 062,728	30 734,714	5,069	4,607
28	35	97 789	52 446,754	1 434 153,712	27,345	26,883	78	85	29 595	5 217,760	24 671,986	4,728	4,266
29	36	97 687	51 239,038	1 381 706,958	26,966	26,504	79	86	25 565	4 407,999	19 454,226	4,413	3,951
30	37	97 579	50 055,937	1 330 467,920	26,580	26,118	80	87	21 695	3 658,416	15 046,227	4,113	3,651
31	38	97 463	48 896,174	1 280 411,983	26,186	25,724	81	88	17 903	2 952,566	11 387,811	3,857	3,395
32	39	97 333	47 756,601	1 231 515,809	25,787	25,325	82	89	14 485	2 336,255	8 435,245	3,611	3,149
33	40	97 192	46 638,032	1 183 759,208	25,382	24,920	83	90	11 434	1 803,654	6 098,990	3,381	2,919
34	41	97 052	45 546,153	1 137 121,176	24,966	24,504	84	91	8 860	1 366,877	4 295,336	3,142	2,680
35	42	96 893	44 470,940	1 091 575,023	24,546	24,084	85	92	6 592	994,497	2 928,459	2,945	2,483
36	43	96 718	43 413,613	1 047 104,083	24,119	23,657	86	93	4 743	699,830	1 933,962	2,763	2,301
37	44	96 527	42 374,795	1 003 690,470	23,686	23,224	87	94	3 289	474,637	1 234,132	2,600	2,138
38	45	96 323	41 354,593	961 315,675	23,246	22,784	88	95	2 186	308,551	759,496	2,461	1,999
39	46	96 089	40 346,400	919 961,082	22,802	22,340	89	96	1 403	193,605	450,944	2,329	1,867
40	47	95 827	39 351,138	879 614,682	22,353	21,891	90	97	863	116,458	257,339	2,210	1,748
41	48	95 531	38 366,054	840 263,544	21,901	21,439	91	98	513	67,704	140,881	2,081	1,619
42	49	95 212	37 396,655	801 897,490	21,443	20,981	92	99	287	37,120	73,177	1,971	1,509
43	50	94 860	36 438,375	764 500,835	20,981	20,519	93	100	152	19,184	36,057	1,880	1,418
44	51	94 456	35 484,917	728 062,460	20,518	20,056							
45	52	94 020	34 543,965	692 577,543	20,049	19,587							
46	53	93 534	33 609,008	658 033,578	19,579	19,117							
47	54	92 993	32 679,287	624 424,569	19,108	18,646							
48	55	92 410	31 759,806	591 745,282	18,632	18,170							
49	56	91 752	30 839,897	559 985,475	18,158	17,696							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	3 503 987,689	35,186	34,724	50	58	90 672	29 806,329	518 605,603	17,399	16,937
1	9	99 173	96 991,126	3 404 403,601	35,100	34,638	51	59	89 873	28 893,568	488 799,275	16,917	16,455
2	10	99 132	94 817,065	3 307 412,474	34,882	34,420	52	60	89 014	27 987,724	459 905,707	16,432	15,970
3	11	99 105	92 705,308	3 212 595,410	34,654	34,192	53	61	88 062	27 079,015	431 917,983	15,950	15,488
4	12	99 082	90 644,448	3 119 890,102	34,419	33,957	54	62	87 059	26 181,495	404 838,968	15,463	15,001
5	13	99 060	88 630,259	3 029 245,654	34,178	33,716	55	63	85 958	25 281,653	378 657,473	14,978	14,516
6	14	99 039	86 661,405	2 940 615,395	33,932	33,470	56	64	84 796	24 391,019	353 375,820	14,488	14,026
7	15	99 016	84 735,004	2 853 953,990	33,681	33,219	57	65	83 559	23 506,231	328 984,801	13,996	13,534
8	16	98 993	82 851,172	2 769 218,986	33,424	32,962	58	66	82 251	22 629,311	305 478,570	13,499	13,037
9	17	98 968	81 007,226	2 686 367,815	33,162	32,700	59	67	80 854	21 755,353	282 849,259	13,001	12,539
10	18	98 942	79 203,964	2 605 360,589	32,894	32,432	60	68	79 356	20 882,366	261 093,906	12,503	12,041
11	19	98 911	77 437,244	2 526 156,625	32,622	32,160	61	69	77 745	20 008,382	240 211,540	12,006	11,544
12	20	98 881	75 709,597	2 448 719,381	32,344	31,882	62	70	76 028	19 135,909	220 203,158	11,507	11,045
13	21	98 849	74 020,253	2 373 009,783	32,059	31,597	63	71	74 196	18 263,886	201 067,249	11,009	10,547
14	22	98 819	72 369,462	2 298 989,530	31,767	31,305	64	72	72 245	17 392,196	182 803,363	10,511	10,049
15	23	98 780	70 749,046	2 226 620,069	31,472	31,010	65	73	70 105	16 505,569	165 411,167	10,022	9,560
16	24	98 738	69 162,665	2 155 871,023	31,171	30,709	66	74	67 816	15 615,293	148 905,598	9,536	9,074
17	25	98 686	67 605,318	2 086 708,358	30,866	30,404	67	75	65 396	14 726,905	133 290,305	9,051	8,589
18	26	98 631	66 080,366	2 019 103,040	30,555	30,093	68	76	62 787	13 828,063	118 563,400	8,574	8,112
19	27	98 550	64 573,104	1 953 022,675	30,245	29,783	69	77	59 992	12 921,944	104 735,337	8,105	7,643
20	28	98 470	63 101,449	1 888 449,571	29,927	29,465	70	78	56 996	12 006,407	91 813,392	7,647	7,185
21	29	98 386	61 660,022	1 825 348,122	29,603	29,141	71	79	53 801	11 083,910	79 806,986	7,200	6,738
22	30	98 303	60 252,478	1 763 688,100	29,272	28,810	72	80	50 443	10 163,438	68 723,076	6,762	6,300
23	31	98 221	58 877,311	1 703 435,622	28,932	28,470	73	81	46 851	9 232,053	58 559,638	6,343	5,881
24	32	98 135	57 531,246	1 644 558,311	28,585	28,123	74	82	43 105	8 306,887	49 327,585	5,938	5,476
25	33	98 044	56 213,386	1 587 027,066	28,232	27,770	75	83	39 186	7 385,531	41 020,698	5,554	5,092
26	34	97 951	54 923,956	1 530 813,680	27,872	27,409	76	84	35 185	6 485,556	33 635,167	5,186	4,724
27	35	97 851	53 660,769	1 475 889,724	27,504	27,042	77	85	31 143	5 614,172	27 149,611	4,836	4,374
28	36	97 748	52 424,404	1 422 228,955	27,129	26,667	78	86	27 071	4 772,709	21 535,438	4,512	4,050
29	37	97 642	51 215,145	1 369 804,551	26,746	26,284	79	87	23 094	3 981,972	16 762,729	4,210	3,748
30	38	97 527	50 029,572	1 318 589,407	26,356	25,894	80	88	19 207	3 238,936	12 780,757	3,946	3,484
31	39	97 405	48 867,346	1 268 559,834	25,959	25,497	81	89	15 657	2 582,131	9 541,821	3,695	3,233
32	40	97 264	47 723,015	1 219 692,488	25,558	25,096	82	90	12 460	2 009,720	6 959,690	3,463	3,001
33	41	97 123	46 604,789	1 171 969,473	25,147	24,685	83	91	9 740	1 536,359	4 949,970	3,222	2,760
34	42	96 971	45 508,306	1 125 364,684	24,729	24,267	84	92	7 326	1 130,210	3 413,611	3,020	2,558
35	43	96 801	44 428,873	1 079 856,379	24,305	23,843	85	93	5 346	806,553	2 283,401	2,831	2,369
36	44	96 615	43 367,788	1 035 427,506	23,875	23,413	86	94	3 762	555,047	1 476,848	2,661	2,199
37	45	96 418	42 326,876	992 059,718	23,438	22,976	87	95	2 548	367,657	921,801	2,507	2,045
38	46	96 193	41 298,658	949 732,842	22,997	22,535	88	96	1 652	233,127	554,144	2,377	1,915
39	47	95 940	40 283,827	908 434,184	22,551	22,089	89	97	1 032	142,495	321,017	2,253	1,791
40	48	95 661	39 282,848	868 150,357	22,100	21,638	90	98	618	83,389	178,522	2,141	1,679
41	49	95 354	38 294,963	828 867,509	21,644	21,182	91	99	357	47,103	95,133	2,020	1,558
42	50	95 013	37 318,418	790 572,546	21,185	20,722	92	100	194	25,060	48,030	1,917	1,455
43	51	94 638	36 353,238	753 254,128	20,720	20,258							
44	52	94 221	35 396,531	716 900,890	20,253	19,791							
45	53	93 760	34 448,250	681 504,358	19,783	19,321							
46	54	93 249	33 506,864	647 056,109	19,311	18,849							
47	55	92 696	32 575,166	613 549,244	18,835	18,373							
48	56	92 077	31 645,549	580 974,078	18,359	17,897							
49	57	91 404	30 722,925	549 328,529	17,880	17,418							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	3 490 965,724	35,058	34,596	50	59	90 259	29 670,422	507 517,199	17,105	16,643
1	10	99 167	96 984,969	3 391 387,820	34,968	34,506	51	60	89 444	28 755,504	477 846,777	16,618	16,156
2	11	99 124	94 809,426	3 294 402,852	34,748	34,286	52	61	88 528	27 834,691	449 091,273	16,134	15,672
3	12	99 097	92 697,945	3 199 593,426	34,516	34,054	53	62	87 561	26 925,058	421 256,582	15,646	15,184
4	13	99 074	90 637,500	3 106 895,481	34,278	33,816	54	63	86 513	26 017,212	394 331,524	15,157	14,695
5	14	99 050	88 621,540	3 016 257,981	34,035	33,573	55	64	85 385	25 113,059	368 314,312	14,666	14,204
6	15	99 027	86 650,676	2 927 636,440	33,787	33,325	56	65	84 186	24 215,505	343 201,253	14,173	13,711
7	16	99 003	84 723,517	2 840 985,764	33,532	33,070	57	66	82 912	23 324,235	318 985,747	13,676	13,214
8	17	98 977	82 837,852	2 756 262,247	33,273	32,811	58	67	81 575	22 443,304	295 661,512	13,174	12,712
9	18	98 950	80 993,006	2 673 424,394	33,008	32,546	59	68	80 125	21 559,128	273 218,209	12,673	12,211
10	19	98 920	79 186,663	2 592 431,388	32,738	32,276	60	69	78 579	20 677,820	251 659,081	12,170	11,708
11	20	98 890	77 420,591	2 513 244,726	32,462	32,000	61	70	76 893	19 788,937	230 981,261	11,672	11,210
12	21	98 860	75 693,624	2 435 824,135	32,180	31,718	62	71	75 120	18 907,269	211 192,323	11,170	10,708
13	22	98 828	74 004,254	2 360 130,511	31,892	31,430	63	72	73 206	18 020,191	192 285,054	10,671	10,209
14	23	98 797	72 352,831	2 286 126,257	31,597	31,135	64	73	71 127	17 123,049	174 264,863	10,177	9,715
15	24	98 758	70 732,953	2 213 773,426	31,298	30,836	65	74	68 889	16 219,438	157 141,814	9,688	9,226
16	25	98 716	69 146,941	2 143 040,473	30,993	30,531	66	75	66 505	15 313,542	140 922,376	9,202	8,740
17	26	98 664	67 590,252	2 073 893,532	30,683	30,221	67	76	63 939	14 398,773	125 608,834	8,724	8,262
18	27	98 604	66 062,712	2 006 303,279	30,370	29,908	68	77	61 195	13 477,554	111 210,061	8,252	7,789
19	28	98 524	64 556,435	1 940 240,568	30,055	29,593	69	78	58 255	12 547,799	97 732,508	7,789	7,327
20	29	98 445	63 085,060	1 875 684,133	29,733	29,271	70	79	55 101	11 607,096	85 184,709	7,339	6,877
21	30	98 359	61 642,920	1 812 599,073	29,405	28,943	71	80	51 781	10 667,702	73 577,613	6,897	6,435
22	31	98 276	60 235,942	1 750 956,153	29,068	28,606	72	81	48 255	9 722,617	62 909,911	6,470	6,008
23	32	98 189	58 858,115	1 690 720,211	28,725	28,263	73	82	44 532	8 775,106	53 187,294	6,061	5,599
24	33	98 101	57 511,320	1 631 862,096	28,375	27,913	74	83	40 653	7 834,492	44 412,188	5,669	5,207
25	34	98 009	56 193,048	1 574 350,775	28,017	27,555	75	84	36 640	6 905,774	36 577,696	5,297	4,835
26	35	97 911	54 901,666	1 518 157,727	27,652	27,190	76	85	32 582	6 005,717	29 671,922	4,941	4,479
27	36	97 810	53 637,902	1 463 256,061	27,280	26,818	77	86	28 487	5 135,309	23 666,205	4,609	4,147
28	37	97 702	52 399,957	1 409 618,159	26,901	26,439	78	87	24 455	4 311,433	18 530,896	4,298	3,836
29	38	97 590	51 188,170	1 357 218,202	26,514	26,052	79	88	20 446	3 525,393	14 219,462	4,033	3,571
30	39	97 470	50 000,076	1 306 030,033	26,121	25,659	80	89	16 798	2 832,573	10 694,069	3,775	3,313
31	40	97 337	48 832,980	1 256 029,956	25,721	25,259	81	90	13 469	2 221,230	7 861,497	3,539	3,077
32	41	97 195	47 688,999	1 207 196,977	25,314	24,852	82	91	10 614	1 711,886	5 640,266	3,295	2,833
33	42	97 042	46 566,061	1 159 507,978	24,900	24,438	83	92	8 053	1 270,347	3 928,380	3,092	2,630
34	43	96 880	45 465,257	1 112 941,917	24,479	24,017	84	93	5 942	916,619	2 658,033	2,900	2,438
35	44	96 699	44 381,976	1 067 476,660	24,052	23,590	85	94	4 240	639,691	1 741,414	2,722	2,260
36	45	96 506	43 318,747	1 023 094,684	23,618	23,156	86	95	2 914	429,944	1 101,723	2,562	2,100
37	46	96 288	42 269,626	979 775,937	23,179	22,717	87	96	1 925	277,784	671,779	2,418	1,956
38	47	96 043	41 234,608	937 506,311	22,736	22,274	88	97	1 216	171,583	393,995	2,296	1,834
39	48	95 774	40 213,917	896 271,703	22,288	21,826	89	98	739	102,033	222,411	2,180	1,718
40	49	95 484	39 210,058	856 057,786	21,833	21,371	90	99	430	58,015	120,378	2,075	1,613
41	50	95 154	38 214,847	816 847,728	21,375	20,913	91	100	241	31,799	62,363	1,961	1,499
42	51	94 791	37 231,225	778 632,880	20,913	20,451							
43	52	94 402	36 262,690	741 401,655	20,445	19,983							
44	53	93 960	35 298,453	705 138,965	19,976	19,514							
45	54	93 475	34 343,555	669 840,512	19,504	19,042							
46	55	92 952	33 400,106	635 496,957	19,027	18,565							
47	56	92 363	32 457,976	602 096,850	18,550	18,088							
48	57	91 728	31 525,521	569 638,874	18,069	17,607							
49	58	91 027	30 596,154	538 113,353	17,588	17,126							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	3 477 221,905	34,922	34,460	50	60	89 828	29 528,647	495 886,572	16,793	16,331
1	11	99 159	96 977,156	3 377 650,324	34,829	34,367	51	61	88 955	28 598,272	466 357,925	16,307	15,845
2	12	99 116	94 801,896	3 280 673,168	34,606	34,144	52	62	88 024	27 676,438	437 759,653	15,817	15,355
3	13	99 089	92 690,839	3 185 871,272	34,371	33,909	53	63	87 012	26 756,109	410 083,215	15,327	14,865
4	14	99 065	90 628,584	3 093 180,433	34,130	33,668	54	64	85 936	25 843,713	383 327,106	14,833	14,370
5	15	99 038	88 610,569	3 002 551,849	33,885	33,423	55	65	84 771	24 932,350	357 483,393	14,338	13,876
6	16	99 013	86 638,930	2 913 941,279	33,633	33,171	56	66	83 534	24 028,019	332 551,043	13,840	13,378
7	17	98 987	84 709,897	2 827 302,349	33,376	32,914	57	67	82 230	23 132,515	308 523,024	13,337	12,875
8	18	98 960	82 823,311	2 742 592,453	33,114	32,652	58	68	80 840	22 240,873	285 390,509	12,832	12,370
9	19	98 929	80 975,314	2 659 769,141	32,847	32,385	59	69	79 340	21 347,953	263 149,635	12,327	11,865
10	20	98 899	79 169,633	2 578 793,827	32,573	32,111	60	70	77 717	20 451,033	241 801,682	11,823	11,361
11	21	98 869	77 404,256	2 499 624,194	32,293	31,831	61	71	75 974	19 552,495	221 350,649	11,321	10,859
12	22	98 838	75 677,263	2 422 219,938	32,007	31,545	62	72	74 117	18 654,990	201 798,154	10,817	10,355
13	23	98 805	73 987,248	2 346 542,675	31,716	31,253	63	73	72 073	17 741,326	183 143,165	10,323	9,861
14	24	98 774	72 336,374	2 272 555,427	31,416	30,954	64	74	69 894	16 826,214	165 401,839	9,830	9,368
15	25	98 735	70 716,872	2 200 219,053	31,113	30,651	65	75	67 558	15 906,013	148 575,625	9,341	8,879
16	26	98 694	69 131,532	2 129 502,181	30,804	30,342	66	76	65 023	14 972,338	132 669,612	8,861	8,399
17	27	98 638	67 572,195	2 060 370,649	30,491	30,029	67	77	62 319	14 033,797	117 697,274	8,387	7,925
18	28	98 579	66 045,659	1 992 798,454	30,173	29,711	68	78	59 423	13 087,321	103 663,477	7,921	7,459
19	29	98 499	64 539,668	1 926 752,795	29,854	29,392	69	79	56 318	12 130,483	90 576,156	7,467	7,005
20	30	98 418	63 067,562	1 862 213,127	29,527	29,065	70	80	53 031	11 171,243	78 445,673	7,022	6,560
21	31	98 332	61 626,003	1 799 145,565	29,195	28,733	71	81	49 535	10 205,010	67 274,431	6,592	6,130
22	32	98 244	60 216,304	1 737 519,562	28,855	28,393	72	82	45 867	9 241,389	57 069,421	6,175	5,713
23	33	98 155	58 837,730	1 677 303,258	28,507	28,045	73	83	42 000	8 276,085	47 828,033	5,779	5,317
24	34	98 065	57 490,513	1 618 465,528	28,152	27,690	74	84	38 013	7 325,571	39 551,948	5,399	4,937
25	35	97 969	56 170,244	1 560 975,016	27,790	27,328	75	85	33 930	6 394,845	32 226,377	5,039	4,577
26	36	97 869	54 878,270	1 504 804,772	27,421	26,959	76	86	29 803	5 493,457	25 831,532	4,702	4,240
27	37	97 764	53 612,889	1 449 926,502	27,044	26,582	77	87	25 733	4 638,989	20 338,076	4,384	3,922
28	38	97 651	52 372,358	1 396 313,613	26,661	26,199	78	88	21 651	3 817,078	15 699,087	4,113	3,651
29	39	97 533	51 157,991	1 343 941,254	26,270	25,808	79	89	17 881	3 083,090	11 882,009	3,854	3,392
30	40	97 401	49 964,913	1 292 783,264	25,874	25,412	80	90	14 450	2 436,668	8 798,919	3,611	3,149
31	41	97 267	48 798,172	1 242 818,351	25,469	25,007	81	91	11 473	1 892,051	6 362,252	3,363	2,901
32	42	97 114	47 649,370	1 194 020,179	25,058	24,596	82	92	8 776	1 415,483	4 470,200	3,158	2,696
33	43	96 950	46 522,012	1 146 370,809	24,641	24,179	83	93	6 531	1 030,273	3 054,717	2,965	2,503
34	44	96 777	45 417,266	1 099 848,797	24,217	23,755	84	94	4 712	726,987	2 024,445	2,785	2,323
35	45	96 590	44 331,788	1 054 431,530	23,785	23,323	85	95	3 284	495,510	1 297,458	2,618	2,156
36	46	96 376	43 260,155	1 010 099,742	23,349	22,887	86	96	2 202	324,845	801,948	2,469	2,007
37	47	96 138	42 204,070	966 839,587	22,909	22,447	87	97	1 417	204,452	477,103	2,334	1,872
38	48	95 877	41 163,048	924 635,518	22,463	22,001	88	98	871	122,861	272,651	2,219	1,757
39	49	95 596	40 139,403	883 472,469	22,010	21,548	89	99	514	70,986	149,790	2,110	1,648
40	50	95 284	39 128,028	843 333,067	21,553	21,091	90	100	290	39,166	78,804	2,012	1,550
41	51	94 932	38 125,560	804 205,039	21,094	20,632							
42	52	94 555	37 138,490	766 079,479	20,628	20,166							
43	53	94 141	36 162,212	728 940,989	20,158	19,696							
44	54	93 674	35 191,175	692 778,777	19,686	19,224							
45	55	93 177	34 234,131	657 587,602	19,209	18,747							
46	56	92 618	33 279,948	623 353,471	18,731	18,269							
47	57	92 013	32 334,866	590 073,522	18,249	17,787							
48	58	91 349	31 395,438	557 738,656	17,765	17,303							
49	59	90 612	30 456,646	526 343,218	17,282	16,820							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	3 462 747,673	34,779	34,317	50	61	89 336	29 367,188	483 715,359	16,471	16,009
1	12	99 151	96 969,454	3 363 184,113	34,683	34,221	51	62	88 449	28 435,678	454 348,172	15,978	15,516
2	13	99 108	94 794,629	3 266 214,659	34,456	33,994	52	63	87 472	27 502,774	425 912,494	15,486	15,024
3	14	99 080	92 681,721	3 171 420,030	34,218	33,756	53	64	86 432	26 577,682	398 409,720	14,990	14,528
4	15	99 052	90 617,365	3 078 738,309	33,975	33,513	54	65	85 317	25 657,746	371 832,038	14,492	14,030
5	16	99 025	88 598,557	2 988 120,944	33,727	33,265	55	66	84 114	24 739,313	346 174,291	13,993	13,531
6	17	98 997	86 625,002	2 899 522,387	33,472	33,010	56	67	82 847	23 830,514	321 434,978	13,488	13,026
7	18	98 969	84 695,027	2 812 897,385	33,212	32,750	57	68	81 489	22 923,869	297 604,464	12,982	12,520
8	19	98 938	82 805,220	2 728 202,358	32,947	32,485	58	69	80 048	22 023,021	274 680,596	12,472	12,010
9	20	98 907	80 957,900	2 645 397,139	32,676	32,214	59	70	78 470	21 113,816	252 657,575	11,966	11,504
10	21	98 878	79 152,929	2 564 439,239	32,399	31,937	60	71	76 788	20 206,680	231 543,759	11,459	10,997
11	22	98 848	77 387,526	2 485 286,309	32,115	31,653	61	72	74 960	19 291,606	211 337,079	10,955	10,493
12	23	98 816	75 659,872	2 407 898,784	31,825	31,363	62	73	72 971	18 366,301	192 045,473	10,456	9,994
13	24	98 783	73 970,419	2 332 238,912	31,529	31,067	63	74	70 824	17 433,772	173 679,172	9,962	9,500
14	25	98 752	72 319,928	2 258 268,493	31,226	30,764	64	75	68 543	16 501,063	156 245,399	9,469	9,007
15	26	98 713	70 701,113	2 185 948,564	30,918	30,456	65	76	66 053	15 551,608	139 744,336	8,986	8,524
16	27	98 667	69 113,063	2 115 247,451	30,606	30,144	66	77	63 375	14 592,824	124 192,728	8,511	8,049
17	28	98 613	67 554,752	2 046 134,388	30,289	29,827	67	78	60 514	13 627,459	109 599,904	8,043	7,581
18	29	98 553	66 028,504	1 978 579,636	29,966	29,504	68	79	57 447	12 652,061	95 972,445	7,586	7,124
19	30	98 471	64 521,767	1 912 551,131	29,642	29,180	69	80	54 203	11 674,975	83 320,384	7,137	6,675
20	31	98 391	63 050,254	1 848 029,364	29,310	28,848	70	81	50 731	10 686,710	71 645,408	6,704	6,242
21	32	98 300	61 605,911	1 784 979,110	28,974	28,512	71	82	47 083	9 699,905	60 958,698	6,284	5,822
22	33	98 210	60 195,448	1 723 373,199	28,630	28,168	72	83	43 258	8 715,851	51 258,794	5,881	5,419
23	34	98 119	58 816,443	1 663 177,751	28,277	27,815	73	84	39 272	7 738,478	42 542,943	5,498	5,036
24	35	98 026	57 467,182	1 604 361,308	27,918	27,456	74	85	35 200	6 783,583	34 804,465	5,131	4,669
25	36	97 927	56 146,307	1 546 894,126	27,551	27,089	75	86	31 036	5 849,394	28 020,882	4,790	4,328
26	37	97 824	54 852,679	1 490 747,819	27,177	26,715	76	87	26 922	4 962,522	22 171,489	4,468	4,006
27	38	97 712	53 584,652	1 435 895,140	26,797	26,335	77	88	22 783	4 107,075	17 208,967	4,190	3,728
28	39	97 593	52 341,481	1 382 310,489	26,409	25,947	78	89	18 934	3 338,179	13 101,891	3,925	3,463
29	40	97 464	51 122,013	1 329 969,007	26,016	25,554	79	90	15 382	2 652,170	9 763,712	3,681	3,219
30	41	97 332	49 929,299	1 278 846,994	25,613	25,151	80	91	12 308	2 075,562	7 111,542	3,426	2,964
31	42	97 186	48 757,622	1 228 917,696	25,205	24,743	81	92	9 486	1 564,454	5 035,980	3,219	2,757
32	43	97 022	47 604,296	1 180 160,074	24,791	24,329	82	93	7 117	1 147,980	3 471,526	3,024	2,562
33	44	96 848	46 472,906	1 132 555,778	24,370	23,908	83	94	5 180	817,127	2 323,546	2,844	2,382
34	45	96 668	45 365,907	1 086 082,872	23,941	23,478	84	95	3 650	563,130	1 506,419	2,675	2,213
35	46	96 459	44 271,826	1 040 716,965	23,507	23,045	85	96	2 481	374,383	943,289	2,520	2,058
36	47	96 226	43 193,062	996 445,138	23,070	22,608	86	97	1 620	239,089	568,906	2,379	1,917
37	48	95 972	42 130,828	953 252,076	22,626	22,164	87	98	1 014	146,397	329,817	2,253	1,791
38	49	95 699	41 086,775	911 121,248	22,176	21,714	88	99	606	85,477	183,420	2,146	1,684
39	50	95 396	40 055,428	870 034,473	21,721	21,259	89	100	347	47,923	97,943	2,044	1,582
40	51	95 062	39 036,607	829 979,045	21,262	20,800							
41	52	94 695	38 030,597	790 942,438	20,798	20,336							
42	53	94 293	37 035,586	752 911,841	20,329	19,867							
43	54	93 855	36 052,308	715 876,256	19,857	19,395							
44	55	93 376	35 079,050	679 823,947	19,380	18,918							
45	56	92 842	34 110,973	644 744,897	18,901	18,439							
46	57	92 267	33 153,721	610 633,924	18,418	17,956							
47	58	91 633	32 201,444	577 480,203	17,933	17,471							
48	59	90 933	31 252,286	545 278,759	17,448	16,986							
49	60	90 179	30 311,113	514 026,473	16,958	16,496							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	3 447 537,588	34,629	34,167	50	62	88 828	29 200,221	471 021,128	16,131	15,669
1	13	99 144	96 962,021	3 347 981,935	34,529	34,067	51	63	87 894	28 257,250	441 820,907	15,636	15,174
2	14	99 099	94 785,304	3 251 019,915	34,299	33,837	52	64	86 889	27 319,368	413 563,657	15,138	14,676
3	15	99 067	92 670,248	3 156 234,611	34,059	33,597	53	65	85 810	26 386,434	386 244,289	14,638	14,176
4	16	99 039	90 605,080	3 063 564,363	33,812	33,350	54	66	84 657	25 459,093	359 857,854	14,135	13,673
5	17	99 009	88 584,314	2 972 959,283	33,561	33,099	55	67	83 423	24 535,962	334 398,761	13,629	13,167
6	18	98 980	86 609,796	2 884 374,969	33,303	32,841	56	68	82 100	23 615,572	309 862,799	13,121	12,659
7	19	98 948	84 676,526	2 797 765,173	33,041	32,579	57	69	80 690	22 699,326	286 247,228	12,610	12,148
8	20	98 917	82 787,412	2 713 088,647	32,772	32,310	58	70	79 170	21 781,480	263 547,902	12,100	11,638
9	21	98 887	80 940,819	2 630 301,235	32,497	32,035	59	71	77 532	20 861,544	241 766,422	11,589	11,127
10	22	98 857	79 135,821	2 549 360,416	32,215	31,753	60	72	75 764	19 937,062	220 904,878	11,080	10,618
11	23	98 825	77 369,742	2 470 224,595	31,928	31,466	61	73	73 800	18 993,066	200 967,816	10,581	10,119
12	24	98 793	75 642,663	2 392 854,853	31,634	31,172	62	74	71 706	18 047,914	181 974,750	10,083	9,621
13	25	98 760	73 953,602	2 317 212,190	31,333	30,871	63	75	69 455	17 096,881	163 926,837	9,588	9,126
14	26	98 730	72 303,812	2 243 258,588	31,025	30,563	64	76	67 016	16 133,400	146 829,956	9,101	8,639
15	27	98 687	70 682,225	2 170 954,776	30,714	30,252	65	77	64 378	15 157,411	130 696,556	8,623	8,161
16	28	98 642	69 095,223	2 100 272,551	30,397	29,935	66	78	61 540	14 170,300	115 539,144	8,154	7,692
17	29	98 587	67 537,206	2 031 177,328	30,075	29,613	67	79	58 502	13 174,235	101 368,845	7,694	7,232
18	30	98 526	66 010,191	1 963 640,122	29,748	29,286	68	80	55 290	12 176,968	88 194,609	7,243	6,781
19	31	98 444	64 504,060	1 897 629,931	29,419	28,957	69	81	51 852	11 168,594	76 017,641	6,806	6,344
20	32	98 358	63 029,698	1 833 125,872	29,084	28,622	70	82	48 220	10 157,763	64 849,047	6,384	5,922
21	33	98 266	61 584,575	1 770 096,174	28,743	28,281	71	83	44 405	9 148,292	54 691,284	5,978	5,516
22	34	98 175	60 173,670	1 708 511,599	28,393	27,931	72	84	40 448	8 149,677	45 542,992	5,588	5,126
23	35	98 080	58 792,574	1 648 337,929	28,036	27,574	73	85	36 366	7 165,940	37 393,314	5,218	4,756
24	36	97 984	57 442,692	1 589 545,355	27,672	27,210	74	86	32 198	6 204,974	30 227,374	4,871	4,409
25	37	97 882	56 120,125	1 532 102,663	27,300	26,838	75	87	28 036	5 284,058	24 022,400	4,546	4,084
26	38	97 772	54 823,788	1 475 982,539	26,922	26,460	76	88	23 835	4 393,512	18 738,342	4,265	3,803
27	39	97 655	53 553,060	1 421 158,750	26,537	26,075	77	89	19 924	3 591,793	14 344,830	3,994	3,532
28	40	97 524	52 304,671	1 367 605,691	26,147	25,685	78	90	16 288	2 871,606	10 753,037	3,745	3,283
29	41	97 395	51 085,574	1 315 301,019	25,747	25,285	79	91	13 102	2 259,128	7 881,431	3,489	3,027
30	42	97 251	49 887,808	1 264 215,446	25,341	24,879	80	92	10 177	1 716,190	5 622,303	3,276	2,814
31	43	97 094	48 711,499	1 214 327,637	24,929	24,467	81	93	7 693	1 268,798	3 906,113	3,079	2,617
32	44	96 920	47 554,048	1 165 616,138	24,511	24,049	82	94	5 645	910,483	2 637,315	2,897	2,435
33	45	96 738	46 420,353	1 118 062,090	24,086	23,624	83	95	4 013	632,953	1 726,832	2,728	2,266
34	46	96 537	45 304,547	1 071 641,737	23,654	23,192	84	96	2 758	425,474	1 093,879	2,571	2,109
35	47	96 310	44 203,165	1 026 337,190	23,219	22,757	85	97	1 826	275,550	668,405	2,426	1,964
36	48	96 059	43 118,104	982 134,025	22,778	22,316	86	98	1 160	171,198	392,855	2,295	1,833
37	49	95 794	42 052,761	939 015,921	22,329	21,867	87	99	706	101,851	221,657	2,176	1,714
38	50	95 499	41 000,818	896 963,160	21,877	21,415	88	100	409	57,705	119,806	2,076	1,614
39	51	95 173	39 961,840	855 962,341	21,419	20,957							
40	52	94 825	38 939,375	816 000,501	20,956	20,494							
41	53	94 433	37 925,221	777 061,126	20,489	20,027							
42	54	94 006	36 923,028	739 135,906	20,018	19,556							
43	55	93 556	35 937,440	702 212,878	19,540	19,078							
44	56	93 040	34 952,852	666 275,438	19,062	18,600							
45	57	92 490	33 981,594	631 322,586	18,578	18,116							
46	58	91 886	33 016,920	597 340,992	18,092	17,630							
47	59	91 215	32 054,617	564 324,072	17,605	17,143							
48	60	90 498	31 102,952	532 269,456	17,113	16,651							
49	61	89 686	30 145,376	501 166,504	16,625	16,163							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	3 431 585,734	34,472	34,010	50	63	88 271	29 016,996	457 808,840	15,777	15,315
1	14	99 134	96 952,482	3 332 037,713	34,368	33,906	51	64	87 308	28 068,813	428 791,844	15,276	14,814
2	15	99 086	94 773,570	3 235 085,231	34,135	33,673	52	65	86 263	27 122,783	400 723,031	14,774	14,312
3	16	99 054	92 657,685	3 140 311,660	33,892	33,430	53	66	85 145	26 182,139	373 600,248	14,269	13,807
4	17	99 023	90 590,514	3 047 653,975	33,642	33,180	54	67	83 961	25 249,825	347 418,109	13,759	13,297
5	18	98 991	88 568,764	2 957 063,461	33,387	32,925	55	68	82 670	24 314,657	322 168,283	13,250	12,788
6	19	98 958	86 590,877	2 868 494,696	33,127	32,665	56	69	81 296	23 384,254	297 853,627	12,737	12,275
7	20	98 927	84 658,316	2 781 903,820	32,860	32,398	57	70	79 805	22 450,368	274 469,373	12,226	11,764
8	21	98 896	82 769,945	2 697 245,503	32,587	32,125	58	71	78 224	21 521,230	252 019,005	11,710	11,248
9	22	98 865	80 923,324	2 614 475,559	32,308	31,846	59	72	76 498	20 583,188	230 497,775	11,198	10,736
10	23	98 834	79 117,636	2 533 552,235	32,023	31,561	60	73	74 591	19 628,533	209 914,587	10,694	10,232
11	24	98 803	77 352,144	2 454 434,599	31,731	31,269	61	74	72 521	18 663,813	190 286,054	10,195	9,733
12	25	98 771	75 625,466	2 377 082,455	31,432	30,970	62	75	70 320	17 699,155	171 622,241	9,697	9,235
13	26	98 738	73 937,121	2 301 456,990	31,127	30,665	63	76	67 908	16 715,943	153 923,086	9,208	8,746
14	27	98 703	72 284,496	2 227 519,868	30,816	30,354	64	77	65 317	15 724,456	137 207,144	8,726	8,264
15	28	98 662	70 663,980	2 155 235,372	30,500	30,038	65	78	62 514	14 718,539	121 482,688	8,254	7,792
16	29	98 616	69 077,276	2 084 571,393	30,177	29,715	66	79	59 493	13 699,022	106 764,149	7,794	7,332
17	30	98 560	67 518,474	2 015 494,116	29,851	29,389	67	80	56 305	12 679,534	93 065,126	7,340	6,878
18	31	98 499	65 992,075	1 947 975,642	29,518	29,056	68	81	52 892	11 648,814	80 385,592	6,901	6,439
19	32	98 412	64 483,030	1 881 983,568	29,186	28,724	69	82	49 286	10 615,796	68 736,778	6,475	6,013
20	33	98 324	63 007,868	1 817 500,538	28,846	28,384	70	83	45 478	9 580,113	58 120,981	6,067	5,605
21	34	98 230	61 562,294	1 754 492,670	28,499	28,037	71	84	41 521	8 554,027	48 540,868	5,675	5,213
22	35	98 135	60 149,250	1 692 930,376	28,145	27,683	72	85	37 456	7 546,717	39 986,841	5,299	4,837
23	36	98 038	58 767,519	1 632 781,126	27,784	27,322	73	86	33 264	6 554,718	32 440,124	4,949	4,487
24	37	97 938	57 415,906	1 574 013,607	27,414	26,952	74	87	29 086	5 605,272	25 885,406	4,618	4,156
25	38	97 830	56 090,566	1 516 597,701	27,038	26,576	75	88	24 821	4 678,180	20 280,133	4,335	3,873
26	39	97 715	54 791,466	1 460 507,135	26,656	26,194	76	89	20 845	3 842,293	15 601,954	4,061	3,599
27	40	97 586	53 515,398	1 405 715,669	26,267	25,805	77	90	17 140	3 089,773	11 759,661	3,806	3,344
28	41	97 455	52 267,389	1 352 200,271	25,871	25,409	78	91	13 874	2 446,044	8 669,888	3,544	3,082
29	42	97 314	51 043,123	1 299 932,882	25,467	25,005	79	92	10 834	1 867,973	6 223,844	3,332	2,870
30	43	97 159	49 840,617	1 248 889,760	25,058	24,596	80	93	8 254	1 391,859	4 355,871	3,130	2,668
31	44	96 992	48 660,082	1 199 049,142	24,641	24,179	81	94	6 102	1 006,305	2 964,012	2,945	2,483
32	45	96 810	47 500,273	1 150 389,060	24,219	23,757	82	95	4 373	705,267	1 957,707	2,776	2,314
33	46	96 607	46 357,567	1 102 888,788	23,791	23,329	83	96	3 032	478,229	1 252,440	2,619	2,157
34	47	96 387	45 234,284	1 056 531,221	23,357	22,895	84	97	2 030	313,153	774,211	2,472	2,010
35	48	96 142	44 126,454	1 011 296,938	22,918	22,456	85	98	1 308	197,306	461,058	2,337	1,875
36	49	95 881	43 038,208	967 170,484	22,472	22,010	86	99	807	119,106	263,752	2,214	1,752
37	50	95 593	41 964,784	924 132,276	22,022	21,560	87	100	476	68,759	144,646	2,104	1,642
38	51	95 276	40 905,021	882 167,492	21,566	21,104							
39	52	94 936	39 862,304	841 262,470	21,104	20,642							
40	53	94 562	38 831,480	801 400,167	20,638	20,176							
41	54	94 146	37 809,959	762 568,687	20,168	19,706							
42	55	93 707	36 805,385	724 758,728	19,692	19,230							
43	56	93 219	35 808,154	687 953,343	19,212	18,750							
44	57	92 687	34 820,280	652 145,189	18,729	18,267							
45	58	92 108	33 841,376	617 324,909	18,242	17,780							
46	59	91 467	32 866,374	583 483,532	17,753	17,291							
47	60	90 779	31 901,448	550 617,158	17,260	16,798							
48	61	90 004	30 932,884	518 715,710	16,769	16,307							
49	62	89 176	29 973,985	487 782,825	16,274	15,812							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	3 414 887,033	34,307	33,845	50	64	87 682	28 823,493	444 095,746	15,407	14,945
1	15	99 122	96 940,480	3 315 348,805	34,200	33,738	51	65	86 680	27 866,835	415 272,253	14,902	14,440
2	16	99 073	94 760,723	3 218 408,324	33,964	33,502	52	66	85 596	26 912,787	387 405,418	14,395	13,933
3	17	99 038	92 642,789	3 123 647,602	33,717	33,255	53	67	84 445	25 966,928	360 492,632	13,883	13,421
4	18	99 006	90 574,612	3 031 004,813	33,464	33,002	54	68	83 204	25 022,081	334 525,704	13,369	12,907
5	19	98 970	88 549,417	2 940 430,200	33,207	32,745	55	69	81 861	24 076,491	309 503,622	12,855	12,393
6	20	98 937	86 572,255	2 851 880,783	32,942	32,480	56	70	80 404	23 127,783	285 427,131	12,341	11,879
7	21	98 906	84 640,454	2 765 308,528	32,671	32,209	57	71	78 852	22 182,126	262 299,348	11,825	11,363
8	22	98 875	82 752,054	2 680 668,073	32,394	31,932	58	72	77 180	21 234,073	240 117,222	11,308	10,846
9	23	98 843	80 904,728	2 597 916,019	32,111	31,649	59	73	75 314	20 264,660	218 883,150	10,801	10,339
10	24	98 812	79 099,640	2 517 011,291	31,821	31,359	60	74	73 298	19 288,265	198 618,489	10,297	9,835
11	25	98 780	77 334,558	2 437 911,651	31,524	31,062	61	75	71 119	18 303,152	179 330,225	9,798	9,336
12	26	98 749	75 608,613	2 360 577,093	31,221	30,759	62	76	68 753	17 304,797	161 027,073	9,305	8,843
13	27	98 712	73 917,369	2 284 968,480	30,912	30,450	63	77	66 187	16 292,232	143 722,276	8,822	8,360
14	28	98 678	72 265,837	2 211 051,112	30,596	30,134	64	78	63 426	15 269,166	127 430,044	8,346	7,884
15	29	98 636	70 645,626	2 138 785,275	30,275	29,813	65	79	60 435	14 229,028	112 160,878	7,883	7,421
16	30	98 589	69 058,117	2 068 139,649	29,948	29,486	66	80	57 259	13 184,615	97 931,850	7,428	6,966
17	31	98 533	67 499,944	1 999 081,532	29,616	29,154	67	81	53 863	12 129,582	84 747,234	6,987	6,525
18	32	98 467	65 970,560	1 931 581,588	29,279	28,817	68	82	50 274	11 072,247	72 617,652	6,559	6,097
19	33	98 378	64 460,696	1 865 611,028	28,942	28,480	69	83	46 483	10 012,099	61 545,405	6,147	5,685
20	34	98 289	62 985,072	1 801 150,332	28,596	28,134	70	84	42 524	8 957,798	51 533,306	5,753	5,291
21	35	98 190	61 537,310	1 738 165,260	28,246	27,784	71	85	38 449	7 921,151	42 575,508	5,375	4,913
22	36	98 093	60 123,617	1 676 627,949	27,886	27,424	72	86	34 261	6 903,016	34 654,357	5,020	4,558
23	37	97 992	58 740,115	1 616 504,332	27,520	27,058	73	87	30 049	5 921,214	27 751,341	4,687	4,225
24	38	97 887	57 385,665	1 557 764,217	27,146	26,684	74	88	25 751	4 962,563	21 830,127	4,399	3,937
25	39	97 772	56 057,497	1 500 378,552	26,765	26,303	75	89	21 707	4 091,246	16 867,563	4,123	3,661
26	40	97 646	54 752,933	1 444 321,055	26,379	25,917	76	90	17 932	3 305,260	12 776,318	3,865	3,403
27	41	97 517	53 477,252	1 389 568,122	25,984	25,522	77	91	14 600	2 631,879	9 471,057	3,599	3,137
28	42	97 374	52 223,956	1 336 090,870	25,584	25,122	78	92	11 472	2 022,526	6 839,178	3,382	2,919
29	43	97 222	50 994,839	1 283 866,914	25,176	24,714	79	93	8 786	1 514,957	4 816,653	3,179	2,717
30	44	97 056	49 788,008	1 232 872,075	24,762	24,300	80	94	6 546	1 103,907	3 301,695	2,991	2,529
31	45	96 882	48 605,056	1 183 084,067	24,341	23,879	81	95	4 727	779,492	2 197,788	2,820	2,357
32	46	96 680	47 436,025	1 134 479,011	23,916	23,454	82	96	3 304	532,866	1 418,296	2,662	2,200
33	47	96 458	46 285,670	1 087 042,986	23,486	23,024	83	97	2 231	351,981	885,430	2,516	2,054
34	48	96 220	45 155,783	1 040 757,316	23,048	22,586	84	98	1 453	224,231	533,449	2,379	1,917
35	49	95 964	44 044,689	995 601,532	22,604	22,142	85	99	910	137,270	309,218	2,253	1,791
36	50	95 681	42 948,169	951 556,843	22,156	21,694	86	100	545	80,408	171,948	2,138	1,676
37	51	95 370	41 866,735	908 608,674	21,702	21,240							
38	52	95 039	40 803,136	866 741,940	21,242	20,780							
39	53	94 673	39 751,852	825 938,804	20,777	20,315							
40	54	94 275	38 713,464	786 186,952	20,308	19,846							
41	55	93 846	37 689,491	747 473,488	19,832	19,370							
42	56	93 370	36 672,977	709 783,998	19,354	18,892							
43	57	92 865	35 672,338	673 111,021	18,869	18,407							
44	58	92 304	34 676,602	637 438,683	18,382	17,920							
45	59	91 688	33 687,071	602 762,081	17,893	17,431							
46	60	91 030	32 709,327	569 075,010	17,398	16,936							
47	61	90 283	31 727,015	536 365,683	16,906	16,444							
48	62	89 492	30 757,017	504 638,668	16,407	15,945							
49	63	88 616	29 785,905	473 881,651	15,910	15,448							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	3 397 439,758	34,136	33,674	50	65	87 051	28 616,084	429 894,359	15,023	14,561
1	16	99 108	96 927,339	3 297 913,852	34,025	33,563	51	66	86 008	27 651,078	401 278,274	14,512	14,050
2	17	99 057	94 745,489	3 200 986,513	33,785	33,323	52	67	84 892	26 691,570	373 627,197	13,998	13,536
3	18	99 021	92 626,527	3 106 241,024	33,535	33,073	53	68	83 684	25 732,716	346 935,627	13,482	13,020
4	19	98 984	90 554,828	3 013 614,497	33,279	32,817	54	69	82 389	24 776,986	321 202,911	12,964	12,502
5	20	98 948	88 530,374	2 923 059,670	33,018	32,556	55	70	80 963	23 812,428	296 425,924	12,448	11,986
6	21	98 916	86 553,989	2 834 529,296	32,749	32,287	56	71	79 444	22 851,447	272 613,496	11,930	11,468
7	22	98 884	84 622,159	2 747 975,306	32,473	32,011	57	72	77 800	21 886,150	249 762,048	11,412	10,950
8	23	98 852	82 733,038	2 663 353,147	32,192	31,730	58	73	75 986	20 905,472	227 875,898	10,900	10,438
9	24	98 820	80 886,326	2 580 620,108	31,904	31,442	59	74	74 008	19 913,364	206 970,426	10,394	9,932
10	25	98 789	79 081,657	2 499 733,783	31,610	31,148	60	75	71 882	18 915,537	187 057,062	9,889	9,427
11	26	98 758	77 317,324	2 420 652,126	31,308	30,846	61	76	69 535	17 895,337	168 141,525	9,396	8,934
12	27	98 722	75 588,413	2 343 334,802	31,001	30,539	62	77	67 010	16 866,160	150 246,189	8,908	8,446
13	28	98 686	73 898,288	2 267 746,388	30,687	30,225	63	78	64 270	15 820,502	133 380,028	8,431	7,969
14	29	98 652	72 247,067	2 193 848,100	30,366	29,904	64	79	61 317	14 761,342	117 559,526	7,964	7,502
15	30	98 609	70 626,031	2 121 601,033	30,040	29,578	65	80	58 166	13 694,719	102 798,184	7,506	7,044
16	31	98 562	69 039,165	2 050 975,002	29,707	29,245	66	81	54 776	12 612,757	89 103,465	7,065	6,603
17	32	98 500	67 477,937	1 981 935,837	29,372	28,910	67	82	51 197	11 529,219	76 490,708	6,635	6,172
18	33	98 433	65 947,711	1 914 457,900	29,030	28,568	68	83	47 415	10 442,593	64 961,489	6,221	5,759
19	34	98 342	64 437,375	1 848 510,188	28,687	28,225	69	84	43 463	9 361,722	54 518,896	5,824	5,362
20	35	98 249	62 959,512	1 784 072,814	28,337	27,875	70	85	39 378	8 295,048	45 157,174	5,444	4,982
21	36	98 148	61 511,086	1 721 113,302	27,981	27,519	71	86	35 169	7 245,513	36 862,126	5,088	4,626
22	37	98 047	60 095,581	1 659 602,216	27,616	27,154	72	87	30 950	6 235,850	29 616,613	4,749	4,287
23	38	97 940	58 709,177	1 599 506,635	27,245	26,783	73	88	26 604	5 242,279	23 380,763	4,460	3,998
24	39	97 829	57 351,832	1 540 797,459	26,866	26,404	74	89	22 520	4 339,950	18 138,485	4,179	3,717
25	40	97 704	56 018,074	1 483 445,627	26,482	26,020	75	90	18 673	3 519,418	13 798,535	3,921	3,459
26	41	97 576	54 713,905	1 427 427,553	26,089	25,627	76	91	15 274	2 815,432	10 279,118	3,651	3,189
27	42	97 436	53 432,814	1 372 713,647	25,690	25,228	77	92	12 072	2 176,184	7 463,686	3,430	2,968
28	43	97 282	52 174,555	1 319 280,833	25,286	24,824	78	93	9 304	1 640,302	5 287,501	3,223	2,761
29	44	97 119	50 941,011	1 267 106,279	24,874	24,412	79	94	6 969	1 201,538	3 647,199	3,035	2,573
30	45	96 947	49 731,707	1 216 165,267	24,455	23,993	80	95	5 071	855,095	2 445,661	2,860	2,398
31	46	96 751	48 539,315	1 166 433,561	24,031	23,569	81	96	3 571	588,947	1 590,565	2,701	2,239
32	47	96 530	47 362,456	1 117 894,246	23,603	23,141	82	97	2 432	392,195	1 001,618	2,554	2,092
33	48	96 290	46 205,345	1 070 531,790	23,169	22,707	83	98	1 598	252,034	609,424	2,418	1,956
34	49	96 042	45 072,111	1 024 326,445	22,726	22,264	84	99	1 011	156,002	357,390	2,291	1,829
35	50	95 764	43 952,544	979 254,334	22,280	21,818	85	100	614	92,670	201,388	2,173	1,711
36	51	95 457	42 847,822	935 301,789	21,828	21,366							
37	52	95 132	41 762,454	892 453,967	21,370	20,908							
38	53	94 775	40 690,077	850 691,513	20,907	20,445							
39	54	94 385	39 631,038	810 001,436	20,439	19,977							
40	55	93 974	38 590,117	770 370,398	19,963	19,501							
41	56	93 508	37 553,901	731 780,281	19,486	19,024							
42	57	93 015	36 533,880	694 226,380	19,002	18,540							
43	58	92 482	35 525,144	657 692,500	18,513	18,051							
44	59	91 884	34 518,489	622 167,356	18,024	17,562							
45	60	91 250	33 526,103	587 648,867	17,528	17,066							
46	61	90 532	32 530,477	554 122,764	17,034	16,572							
47	62	89 770	31 546,632	521 592,288	16,534	16,072							
48	63	88 930	30 564,023	490 045,656	16,033	15,571							
49	64	88 025	29 587,274	459 481,633	15,530	15,068							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	3 379 243,211	33,958	33,496	50	66	86 377	28 394,526	415 221,891	14,623	14,161
1	17	99 092	96 911,756	3 279 730,797	33,842	33,380	51	67	85 301	27 423,793	386 827,365	14,106	13,644
2	18	99 040	94 728,857	3 182 819,041	33,599	33,137	52	68	84 126	26 450,822	359 403,573	13,588	13,126
3	19	98 999	92 606,294	3 088 090,183	33,346	32,884	53	69	82 864	25 480,660	332 952,751	13,067	12,605
4	20	98 963	90 535,353	2 995 483,889	33,086	32,624	54	70	81 485	24 505,241	307 472,091	12,547	12,085
5	21	98 928	88 511,695	2 904 948,536	32,820	32,358	55	71	79 996	23 527,913	282 966,850	12,027	11,565
6	22	98 895	86 535,281	2 816 436,841	32,547	32,085	56	72	78 384	22 546,541	259 438,937	11,507	11,045
7	23	98 862	84 602,714	2 729 901,560	32,267	31,805	57	73	76 596	21 547,459	236 892,396	10,994	10,532
8	24	98 830	82 714,220	2 645 298,846	31,981	31,519	58	74	74 669	20 543,067	215 344,938	10,483	10,021
9	25	98 798	80 867,936	2 562 584,626	31,689	31,226	59	75	72 578	19 528,557	194 801,871	9,975	9,513
10	26	98 767	79 064,034	2 481 716,690	31,389	30,927	60	76	70 280	18 494,077	175 273,314	9,477	9,015
11	27	98 732	77 296,668	2 402 652,656	31,084	30,622	61	77	67 772	17 441,731	156 779,237	8,989	8,527
12	28	98 697	75 568,902	2 325 355,988	30,771	30,309	62	78	65 070	16 377,813	139 337,506	8,508	8,046
13	29	98 661	73 879,094	2 249 787,086	30,452	29,990	63	79	62 133	15 294,342	122 959,693	8,040	7,578
14	30	98 625	72 227,029	2 175 907,992	30,126	29,664	64	80	59 014	14 207,044	107 665,351	7,578	7,116
15	31	98 581	70 606,649	2 103 680,963	29,794	29,332	65	81	55 643	13 100,736	93 458,306	7,134	6,672
16	32	98 530	69 016,656	2 033 074,315	29,458	28,996	66	82	52 065	11 988,478	80 357,571	6,703	6,241
17	33	98 466	67 454,567	1 964 057,658	29,117	28,655	67	83	48 285	10 873,578	68 369,092	6,288	5,826
18	34	98 397	65 923,852	1 896 603,092	28,770	28,308	68	84	44 335	9 764,251	57 495,514	5,888	5,426
19	35	98 303	64 411,225	1 830 679,240	28,422	27,960	69	85	40 248	8 669,088	47 731,263	5,506	5,044
20	36	98 207	62 932,681	1 766 268,015	28,066	27,604	70	86	36 019	7 587,518	39 062,176	5,148	4,686
21	37	98 103	61 482,402	1 703 335,334	27,704	27,242	71	87	31 770	6 545,244	31 474,657	4,809	4,347
22	38	97 996	60 063,928	1 641 852,931	27,335	26,873	72	88	27 401	5 520,838	24 929,413	4,516	4,053
23	39	97 883	58 674,564	1 581 789,003	26,959	26,497	73	89	23 266	4 584,572	19 408,575	4,233	3,771
24	40	97 760	57 311,499	1 523 114,439	26,576	26,114	74	90	19 372	3 733,360	14 824,004	3,971	3,509
25	41	97 634	55 978,145	1 465 802,941	26,185	25,723	75	91	15 906	2 997,852	11 090,643	3,700	3,238
26	42	97 495	54 668,439	1 409 824,796	25,789	25,327	76	92	12 630	2 327,956	8 092,791	3,476	3,014
27	43	97 343	53 382,269	1 355 156,357	25,386	24,924	77	93	9 790	1 764,922	5 764,835	3,266	2,804
28	44	97 179	52 119,482	1 301 774,087	24,977	24,515	78	94	7 379	1 300,952	3 999,913	3,075	2,613
29	45	97 009	50 883,406	1 249 654,605	24,559	24,097	79	95	5 398	930,721	2 698,962	2,900	2,438
30	46	96 816	49 664,441	1 198 771,199	24,137	23,675	80	96	3 831	646,069	1 768,240	2,737	2,275
31	47	96 601	48 464,034	1 149 106,758	23,711	23,248	81	97	2 628	433,471	1 122,171	2,589	2,127
32	48	96 362	47 280,263	1 100 642,724	23,279	22,817	82	98	1 741	280,829	688,701	2,452	1,990
33	49	96 112	46 119,728	1 053 362,461	22,840	22,378	83	99	1 112	175,345	407,872	2,326	1,864
34	50	95 841	44 977,817	1 007 242,733	22,394	21,932	84	100	683	105,316	232,527	2,208	1,746
35	51	95 540	43 849,851	962 264,916	21,945	21,483							
36	52	95 219	42 741,098	918 415,065	21,488	21,026							
37	53	94 869	41 646,737	875 673,967	21,026	20,564							
38	54	94 487	40 566,412	834 027,231	20,560	20,098							
39	55	94 085	39 504,768	793 460,818	20,085	19,623							
40	56	93 636	38 451,288	753 956,050	19,608	19,146							
41	57	93 154	37 411,463	715 504,763	19,125	18,663							
42	58	92 632	36 383,131	678 093,299	18,638	18,176							
43	59	92 061	35 363,162	641 710,168	18,146	17,684							
44	60	91 444	34 353,547	606 347,007	17,650	17,188							
45	61	90 751	33 342,786	571 993,459	17,155	16,693							
46	62	90 017	32 345,526	538 650,673	16,653	16,191							
47	63	89 206	31 348,684	506 305,148	16,151	15,689							
48	64	88 337	30 360,203	474 956,464	15,644	15,182							
49	65	87 392	29 374,369	444 596,261	15,136	14,674							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	3 360 295,762	33,773	33,311	50	67	85 667	28 161,130	400 096,697	14,207	13,745
1	18	99 075	96 894,745	3 260 799,345	33,653	33,191	51	68	84 532	27 176,440	371 935,567	13,686	13,224
2	19	99 018	94 708,165	3 163 904,600	33,407	32,945	52	69	83 302	26 191,732	344 759,127	13,163	12,701
3	20	98 978	92 586,378	3 069 196,435	33,150	32,688	53	70	81 955	25 201,197	318 567,395	12,641	12,179
4	21	98 942	90 516,251	2 976 610,057	32,885	32,423	54	71	80 511	24 212,447	293 366,198	12,116	11,654
5	22	98 906	88 492,564	2 886 093,806	32,614	32,152	55	72	78 928	23 213,980	269 153,751	11,594	11,132
6	23	98 872	86 515,396	2 797 601,242	32,336	31,874	56	73	77 171	22 197,630	245 939,771	11,080	10,618
7	24	98 839	84 583,470	2 711 085,846	32,052	31,590	57	74	75 268	21 173,925	223 742,141	10,567	10,105
8	25	98 807	82 695,415	2 626 502,376	31,761	31,299	58	75	73 226	20 146,092	202 568,217	10,055	9,593
9	26	98 776	80 849,915	2 543 806,961	31,463	31,001	59	76	70 961	19 093,438	182 422,125	9,554	9,092
10	27	98 741	79 042,911	2 462 957,046	31,160	30,698	60	77	68 499	18 025,295	163 328,687	9,061	8,599
11	28	98 706	77 276,716	2 383 914,135	30,849	30,387	61	78	65 810	16 936,719	145 303,393	8,579	8,117
12	29	98 671	75 549,274	2 306 637,419	30,532	30,070	62	79	62 906	15 833,118	128 366,674	8,107	7,645
13	30	98 633	73 858,603	2 231 088,145	30,208	29,746	63	80	59 800	14 720,030	112 533,556	7,645	7,183
14	31	98 598	72 207,207	2 157 229,542	29,876	29,414	64	81	56 454	13 590,839	97 813,526	7,197	6,735
15	32	98 549	70 583,629	2 085 022,335	29,540	29,078	65	82	52 889	12 452,305	84 222,687	6,764	6,302
16	33	98 496	68 992,753	2 014 438,706	29,198	28,736	66	83	49 104	11 306,720	71 770,382	6,348	5,886
17	34	98 431	67 430,162	1 945 445,954	28,851	28,389	67	84	45 149	10 167,240	60 463,662	5,947	5,485
18	35	98 357	65 897,099	1 878 015,791	28,499	28,037	68	85	41 055	9 041,835	50 296,422	5,563	5,101
19	36	98 261	64 383,776	1 812 118,693	28,146	27,684	69	86	36 815	7 929,654	41 254,587	5,203	4,741
20	37	98 161	62 903,335	1 747 734,917	27,784	27,322	70	87	32 538	6 854,195	33 324,933	4,862	4,400
21	38	98 051	61 450,020	1 684 831,582	27,418	26,956	71	88	28 127	5 794,757	26 470,738	4,568	4,106
22	39	97 938	60 028,516	1 623 381,563	27,044	26,581	72	89	23 963	4 828,182	20 675,981	4,282	3,820
23	40	97 814	58 633,300	1 563 353,046	26,663	26,201	73	90	20 014	3 943,792	15 847,799	4,018	3,556
24	41	97 690	57 270,647	1 504 719,746	26,274	25,812	74	91	16 502	3 180,089	11 904,007	3,743	3,281
25	42	97 553	55 931,628	1 447 449,099	25,879	25,417	75	92	13 152	2 478,791	8 723,918	3,519	3,057
26	43	97 403	54 616,726	1 391 517,471	25,478	25,016	76	93	10 243	1 888,011	6 245,127	3,308	2,846
27	44	97 241	53 325,922	1 336 900,745	25,070	24,608	77	94	7 765	1 399,790	4 357,115	3,113	2,651
28	45	97 069	52 060,544	1 283 574,823	24,655	24,193	78	95	5 716	1 007,728	2 957,326	2,935	2,473
29	46	96 878	50 814,583	1 231 514,279	24,235	23,773	79	96	4 078	703,208	1 949,598	2,772	2,310
30	47	96 665	49 587,416	1 180 699,696	23,810	23,348	80	97	2 820	475,513	1 246,390	2,621	2,159
31	48	96 434	48 379,929	1 131 112,280	23,380	22,918	81	98	1 882	310,384	770,877	2,484	2,022
32	49	96 183	47 192,654	1 082 732,351	22,943	22,481	82	99	1 211	195,378	460,493	2,357	1,895
33	50	95 911	46 023,242	1 035 539,697	22,500	22,038	83	100	750	118,375	265,114	2,240	1,778
34	51	95 617	44 872,728	989 516,455	22,052	21,590							
35	52	95 302	43 740,630	944 643,726	21,596	21,134							
36	53	94 955	42 622,669	900 903,096	21,137	20,675							
37	54	94 581	41 520,165	858 280,427	20,671	20,209							
38	55	94 186	40 437,162	816 760,263	20,198	19,736							
39	56	93 746	39 362,648	776 323,101	19,722	19,260							
40	57	93 281	38 305,446	736 960,453	19,239	18,777							
41	58	92 769	37 257,093	698 655,007	18,752	18,290							
42	59	92 209	36 217,237	661 397,913	18,262	17,800							
43	60	91 621	35 194,184	625 180,677	17,764	17,302							
44	61	90 944	34 165,706	589 986,493	17,268	16,806							
45	62	90 235	33 153,217	555 820,786	16,765	16,303							
46	63	89 453	32 142,565	522 667,570	16,261	15,799							
47	64	88 611	31 139,631	490 525,005	15,752	15,290							
48	65	87 702	30 141,736	459 385,374	15,241	14,779							
49	66	86 715	29 146,940	429 243,638	14,727	14,265							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	3 340 597,304	33,581	33,119	50	68	84 895	27 907,127	384 535,386	13,779	13,317
1	19	99 053	96 873,579	3 241 118,352	33,457	32,995	51	69	83 704	26 910,243	356 628,259	13,253	12,790
2	20	98 997	94 687,798	3 144 244,773	33,206	32,744	52	70	82 389	25 904,470	329 718,016	12,728	12,266
3	21	98 957	92 566,844	3 049 556,975	32,944	32,482	53	71	80 976	24 900,088	303 813,546	12,201	11,739
4	22	98 920	90 496,687	2 956 990,132	32,675	32,213	54	72	79 437	23 889,380	278 913,458	11,675	11,213
5	23	98 883	88 472,229	2 866 493,445	32,400	31,938	55	73	77 707	22 854,740	255 024,078	11,158	10,696
6	24	98 850	86 495,717	2 778 021,216	32,117	31,655	56	74	75 833	21 812,825	232 169,338	10,644	10,182
7	25	98 817	84 564,240	2 691 525,499	31,828	31,366	57	75	73 814	20 764,758	210 356,513	10,130	9,668
8	26	98 785	82 676,987	2 606 961,259	31,532	31,070	58	76	71 594	19 697,213	189 591,755	9,625	9,163
9	27	98 749	80 828,315	2 524 284,272	31,230	30,768	59	77	69 162	18 609,464	169 894,541	9,129	8,667
10	28	98 715	79 022,508	2 443 455,957	30,921	30,459	60	78	66 515	17 503,385	151 285,078	8,643	8,181
11	29	98 681	77 256,644	2 364 433,449	30,605	30,143	61	79	63 621	16 373,435	133 781,693	8,171	7,709
12	30	98 644	75 528,320	2 287 176,805	30,282	29,820	62	80	60 544	15 238,574	117 408,257	7,705	7,243
13	31	98 606	73 838,333	2 211 648,486	29,953	29,491	63	81	57 206	14 081,575	102 169,683	7,256	6,794
14	32	98 566	72 183,665	2 137 810,152	29,616	29,154	64	82	53 660	12 918,150	88 088,108	6,819	6,357
15	33	98 515	70 559,183	2 065 626,487	29,275	28,813	65	83	49 881	11 744,169	75 169,958	6,401	5,939
16	34	98 460	68 967,792	1 995 067,304	28,928	28,466	66	84	45 914	10 572,246	63 425,788	5,999	5,537
17	35	98 391	67 402,798	1 926 099,513	28,576	28,114	67	85	41 808	9 415,009	52 853,543	5,614	5,152
18	36	98 315	65 869,016	1 858 696,715	28,218	27,756	68	86	37 553	8 270,608	43 438,534	5,252	4,790
19	37	98 215	64 353,753	1 792 827,699	27,859	27,397	69	87	33 257	7 163,264	35 167,926	4,909	4,447
20	38	98 110	62 870,204	1 728 473,946	27,493	27,031	70	88	28 807	6 068,283	28 004,662	4,615	4,153
21	39	97 993	61 413,791	1 665 603,742	27,121	26,659	71	89	24 599	5 067,735	21 936,379	4,329	3,867
22	40	97 869	59 986,301	1 604 189,952	26,743	26,281	72	90	20 614	4 153,353	16 868,644	4,061	3,599
23	41	97 744	58 591,506	1 544 203,651	26,355	25,893	73	91	17 048	3 359,335	12 715,291	3,785	3,323
24	42	97 609	57 223,057	1 485 612,145	25,962	25,500	74	92	13 644	2 629,475	9 355,956	3,558	3,096
25	43	97 461	55 878,720	1 428 389,088	25,562	25,100	75	93	10 666	2 010,341	6 726,481	3,346	2,884
26	44	97 300	54 559,075	1 372 510,368	25,156	24,694	76	94	8 124	1 497,414	4 716,140	3,150	2,688
27	45	97 131	53 265,620	1 317 951,293	24,743	24,281	77	95	6 015	1 084,289	3 218,726	2,969	2,506
28	46	96 938	51 990,129	1 264 685,673	24,325	23,863	78	96	4 319	761,390	2 134,437	2,803	2,341
29	47	96 728	50 735,774	1 212 695,544	23,902	23,440	79	97	3 002	517,568	1 373,047	2,653	2,191
30	48	96 498	49 501,361	1 161 959,771	23,473	23,011	80	98	2 019	340,489	855,479	2,513	2,050
31	49	96 255	48 290,283	1 112 458,410	23,037	22,575	81	99	1 309	215,940	514,990	2,385	1,923
32	50	95 982	47 093,924	1 064 168,127	22,597	22,135	82	100	818	131,899	299,050	2,267	1,805
33	51	95 687	45 915,711	1 017 074,203	22,151	21,689							
34	52	95 379	44 760,960	971 158,492	21,697	21,235							
35	53	95 038	43 619,432	926 397,532	21,238	20,776							
36	54	94 667	42 493,131	882 778,100	20,775	20,313							
37	55	94 279	41 387,875	840 284,969	20,303	19,841							
38	56	93 847	40 291,687	798 897,094	19,828	19,366							
39	57	93 391	39 213,350	758 605,407	19,346	18,884							
40	58	92 896	38 147,387	719 392,057	18,858	18,396							
41	59	92 346	37 087,214	681 244,670	18,369	17,907							
42	60	91 769	36 044,178	644 157,456	17,871	17,409							
43	61	91 120	35 001,746	608 113,277	17,374	16,912							
44	62	90 427	33 971,458	573 111,531	16,870	16,408							
45	63	89 669	32 945,188	539 140,073	16,365	15,903							
46	64	88 856	31 928,217	506 194,885	15,854	15,392							
47	65	87 974	30 915,556	474 266,668	15,341	14,879							
48	66	87 023	29 908,366	443 351,112	14,824	14,362							
49	67	86 002	28 907,359	413 442,746	14,302	13,840							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	3 320 146,728	33,383	32,921	50	69	84 063	27 633,773	368 564,025	13,337	12,875
1	20	99 032	96 852,746	3 220 689,507	33,253	32,791	51	70	82 786	26 615,101	340 930,253	12,810	12,348
2	21	98 976	94 667,820	3 123 836,761	32,998	32,536	52	71	81 404	25 594,958	314 315,152	12,280	11,818
3	22	98 935	92 546,836	3 029 168,941	32,731	32,269	53	72	79 896	24 567,846	288 720,194	11,752	11,290
4	23	98 898	90 475,891	2 936 622,105	32,458	31,995	54	73	78 208	23 519,689	264 152,348	11,231	10,769
5	24	98 861	88 452,105	2 846 146,214	32,177	31,715	55	74	76 360	22 458,544	240 632,659	10,715	10,253
6	25	98 827	86 476,052	2 757 694,109	31,890	31,428	56	75	74 367	21 391,312	218 174,115	10,199	9,737
7	26	98 795	84 545,396	2 671 218,057	31,595	31,133	57	76	72 169	20 302,095	196 782,803	9,693	9,231
8	27	98 759	82 654,899	2 586 672,662	31,295	30,833	58	77	69 779	19 197,935	176 480,708	9,193	8,731
9	28	98 724	80 807,451	2 504 017,763	30,987	30,525	59	78	67 160	18 070,640	157 282,773	8,704	8,242
10	29	98 690	79 001,983	2 423 210,312	30,673	30,211	60	79	64 303	16 921,256	139 212,133	8,227	7,765
11	30	98 653	77 235,216	2 344 208,329	30,352	29,890	61	80	61 232	15 758,603	122 290,878	7,760	7,298
12	31	98 617	75 507,591	2 266 973,113	30,023	29,561	62	81	57 918	14 577,629	106 532,275	7,308	6,846
13	32	98 574	73 814,260	2 191 465,521	29,689	29,227	63	82	54 374	13 384,597	91 954,647	6,870	6,408
14	33	98 531	72 158,665	2 117 651,261	29,347	28,885	64	83	50 609	12 183,523	78 570,050	6,449	5,987
15	34	98 480	70 533,655	2 045 492,596	29,000	28,538	65	84	46 641	10 981,279	66 386,527	6,045	5,583
16	35	98 420	68 939,803	1 974 958,941	28,648	28,186	66	85	42 517	9 790,049	55 405,248	5,659	5,197
17	36	98 349	67 374,074	1 906 019,138	28,290	27,828	67	86	38 242	8 611,952	45 615,199	5,297	4,835
18	37	98 269	65 838,300	1 838 645,064	27,927	27,465	68	87	33 923	7 471,266	37 003,247	4,953	4,491
19	38	98 163	64 319,858	1 772 806,764	27,562	27,100	69	88	29 443	6 341,913	29 531,981	4,657	4,195
20	39	98 052	62 833,137	1 708 486,906	27,191	26,729	70	89	25 193	5 306,944	23 190,068	4,370	3,908
21	40	97 924	61 370,601	1 645 653,769	26,815	26,353	71	90	21 160	4 359,424	17 883,124	4,102	3,640
22	41	97 799	59 943,543	1 584 283,168	26,430	25,968	72	91	17 559	3 537,840	13 523,701	3,823	3,361
23	42	97 663	58 542,818	1 524 339,625	26,038	25,576	73	92	14 096	2 777,686	9 985,860	3,595	3,133
24	43	97 517	57 168,927	1 465 796,807	25,640	25,178	74	93	11 066	2 132,548	7 208,175	3,380	2,918
25	44	97 358	55 819,737	1 408 627,880	25,235	24,773	75	94	8 460	1 594,436	5 075,626	3,183	2,721
26	45	97 190	54 497,379	1 352 808,144	24,823	24,361	76	95	6 293	1 159,909	3 481,190	3,001	2,539
27	46	96 999	53 193,574	1 298 310,765	24,407	23,945	77	96	4 544	819,236	2 321,281	2,833	2,371
28	47	96 788	51 909,496	1 245 117,190	23,986	23,524	78	97	3 179	560,391	1 502,045	2,680	2,218
29	48	96 560	50 647,726	1 193 207,694	23,559	23,097	79	98	2 149	370,602	941,654	2,541	2,079
30	49	96 319	49 409,637	1 142 559,968	23,124	22,662	80	99	1 405	236,885	571,053	2,411	1,949
31	50	96 053	48 189,256	1 093 150,331	22,685	22,223	81	100	884	145,780	334,168	2,292	1,830
32	51	95 758	46 983,890	1 044 961,075	22,241	21,779							
33	52	95 448	45 801,345	997 977,184	21,789	21,327							
34	53	95 115	44 636,935	952 175,840	21,332	20,870							
35	54	94 749	43 486,865	907 538,905	20,869	20,407							
36	55	94 365	42 357,741	864 052,040	20,399	19,937							
37	56	93 940	41 238,981	821 694,299	19,925	19,463							
38	57	93 491	40 138,865	780 455,319	19,444	18,982							
39	58	93 005	39 051,545	740 316,453	18,957	18,495							
40	59	92 473	37 973,449	701 264,908	18,467	18,005							
41	60	91 905	36 909,998	663 291,460	17,971	17,508							
42	61	91 267	35 847,093	626 381,461	17,474	17,012							
43	62	90 602	34 802,745	590 534,368	16,968	16,506							
44	63	89 860	33 758,295	555 731,623	16,462	16,000							
45	64	89 071	32 725,488	521 973,328	15,950	15,488							
46	65	88 217	31 698,468	489 247,840	15,434	14,972							
47	66	87 293	30 676,194	457 549,372	14,915	14,453							
48	67	86 307	29 662,526	426 873,178	14,391	13,929							
49	68	85 227	28 646,626	397 210,651	13,866	13,404							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	3 298 945,660	33,177	32,715	50	70	83 141	27 330,695	352 207,907	12,887	12,425
1	21	99 011	96 832,311	3 199 509,827	33,042	32,580	51	71	81 797	26 297,098	324 877,212	12,354	11,892
2	22	98 954	94 647,357	3 102 677,516	32,781	32,319	52	72	80 318	25 253,445	298 580,114	11,823	11,361
3	23	98 913	92 525,569	3 008 030,158	32,510	32,048	53	73	78 659	24 187,655	273 326,669	11,300	10,838
4	24	98 875	90 455,312	2 915 504,589	32,231	31,769	54	74	76 852	23 111,965	249 139,014	10,780	10,318
5	25	98 838	88 431,995	2 825 049,278	31,946	31,484	55	75	74 884	22 024,553	226 027,049	10,263	9,800
6	26	98 805	86 456,782	2 736 617,282	31,653	31,191	56	76	72 711	20 914,689	204 002,495	9,754	9,291
7	27	98 768	84 522,809	2 650 160,501	31,354	30,892	57	77	70 340	19 787,484	183 087,807	9,253	8,792
8	28	98 733	82 633,563	2 565 637,692	31,048	30,586	58	78	67 759	18 642,072	163 300,322	8,760	8,298
9	29	98 698	80 786,463	2 483 004,129	30,735	30,273	59	79	64 926	17 469,645	144 658,250	8,281	7,819
10	30	98 662	78 980,071	2 402 217,667	30,415	29,953	60	80	61 888	16 285,852	127 188,606	7,810	7,348
11	31	98 626	77 214,020	2 323 237,596	30,088	29,626	61	81	58 576	15 075,102	110 902,754	7,357	6,895
12	32	98 585	75 482,974	2 246 023,576	29,755	29,293	62	82	55 051	13 856,097	95 827,652	6,916	6,454
13	33	98 540	73 788,695	2 170 540,602	29,416	28,954	63	83	51 282	12 623,444	81 971,555	6,494	6,032
14	34	98 496	72 132,558	2 096 751,907	29,068	28,606	64	84	47 321	11 392,093	69 348,111	6,087	5,625
15	35	98 440	70 505,031	2 024 619,349	28,716	28,254	65	85	43 190	10 168,820	57 956,018	5,699	5,237
16	36	98 378	68 910,424	1 954 114,317	28,357	27,895	66	86	38 891	8 955,003	47 787,198	5,336	4,874
17	37	98 303	67 342,656	1 885 203,893	27,994	27,532	67	87	34 546	7 779,619	38 832,195	4,992	4,530
18	38	98 218	65 803,624	1 817 861,237	27,626	27,164	68	88	30 034	6 614,599	31 052,576	4,695	4,233
19	39	98 105	64 281,936	1 752 057,614	27,256	26,794	69	89	25 749	5 546,244	24 437,978	4,406	3,944
20	40	97 983	62 788,949	1 687 775,677	26,880	26,418	70	90	21 672	4 565,199	18 891,734	4,138	3,676
21	41	97 854	61 326,856	1 624 986,728	26,497	26,035	71	91	18 025	3 713,372	14 326,535	3,858	3,396
22	42	97 718	59 893,731	1 563 659,872	26,107	25,645	72	92	14 519	2 925,284	10 613,163	3,628	3,166
23	43	97 571	58 487,440	1 503 766,141	25,711	25,249	73	93	11 432	2 252,750	7 687,879	3,413	2,951
24	44	97 414	57 108,582	1 445 278,701	25,308	24,846	74	94	8 777	1 691,360	5 435,130	3,213	2,751
25	45	97 248	55 756,615	1 388 170,119	24,897	24,435	75	95	6 553	1 235,063	3 743,769	3,031	2,569
26	46	97 059	54 423,668	1 332 413,504	24,482	24,020	76	96	4 754	876,371	2 508,706	2,863	2,401
27	47	96 849	53 111,076	1 277 989,837	24,063	23,601	77	97	3 345	602,966	1 632,335	2,707	2,245
28	48	96 620	51 819,412	1 224 878,761	23,637	23,175	78	98	2 276	401,265	1 029,369	2,565	2,103
29	49	96 381	50 553,878	1 173 059,349	23,204	22,742	79	99	1 495	257,835	628,104	2,436	1,974
30	50	96 117	49 306,268	1 122 505,472	22,766	22,304	80	100	948	159,920	370,269	2,315	1,853
31	51	95 829	48 076,664	1 073 199,203	22,323	21,861							
32	52	95 519	46 866,864	1 025 122,539	21,873	21,411							
33	53	95 184	45 674,437	978 255,676	21,418	20,956							
34	54	94 826	44 501,275	932 581,239	20,956	20,494							
35	55	94 447	43 348,309	888 079,964	20,487	20,025							
36	56	94 026	42 205,358	844 731,656	20,015	19,553							
37	57	93 584	41 082,566	802 526,298	19,534	19,072							
38	58	93 106	39 973,241	761 443,732	19,049	18,587							
39	59	92 581	38 873,484	721 470,491	18,559	18,097							
40	60	92 031	37 791,998	682 597,007	18,062	17,600							
41	61	91 403	36 708,179	644 805,009	17,566	17,104							
42	62	90 748	35 643,285	608 096,830	17,061	16,599							
43	63	90 033	34 584,366	572 453,545	16,552	16,090							
44	64	89 261	33 533,173	537 869,179	16,040	15,578							
45	65	88 430	32 490,002	504 336,006	15,523	15,061							
46	66	87 534	31 453,045	471 846,004	15,002	14,540							
47	67	86 575	30 424,044	440 392,959	14,475	14,013							
48	68	85 529	29 394,981	409 968,916	13,947	13,485							
49	69	84 392	28 366,028	380 573,935	13,417	12,955							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	3 276 990,835	32,963	32,501	50	71	82 148	27 004,142	335 503,359	12,424	11,962
1	22	98 990	96 811,381	3 177 575,983	32,822	32,360	51	72	80 706	25 946,216	308 499,217	11,890	11,428
2	23	98 932	94 625,608	3 080 764,601	32,557	32,095	52	73	79 075	24 862,644	282 553,001	11,365	10,903
3	24	98 890	92 504,523	2 986 138,993	32,281	31,819	53	74	77 296	23 768,352	257 690,357	10,842	10,380
4	25	98 853	90 434,746	2 893 634,470	31,997	31,535	54	75	75 367	22 665,348	233 922,005	10,321	9,859
5	26	98 816	88 412,289	2 803 199,724	31,706	31,244	55	76	73 216	21 533,821	211 256,657	9,810	9,348
6	27	98 779	86 433,684	2 714 787,435	31,409	30,947	56	77	70 867	20 384,550	189 722,836	9,307	8,845
7	28	98 743	84 500,991	2 628 353,751	31,104	30,642	57	78	68 303	19 214,552	169 338,286	8,813	8,351
8	29	98 708	82 612,100	2 543 852,760	30,793	30,331	58	79	65 505	18 022,072	150 123,734	8,330	7,868
9	30	98 671	80 764,056	2 461 240,660	30,474	30,012	59	80	62 488	16 813,648	132 101,662	7,857	7,395
10	31	98 635	78 958,395	2 380 476,604	30,148	29,686	60	81	59 204	15 579,482	115 288,014	7,400	6,938
11	32	98 594	77 188,846	2 301 518,209	29,817	29,355	61	82	55 677	14 328,948	99 708,531	6,959	6,497
12	33	98 550	75 456,831	2 224 329,363	29,478	29,016	62	83	51 921	13 068,131	85 379,584	6,533	6,071
13	34	98 504	73 761,999	2 148 872,532	29,133	28,670	63	84	47 951	11 803,437	72 311,452	6,126	5,664
14	35	98 456	72 103,285	2 075 110,533	28,780	28,318	64	85	43 820	10 549,239	60 508,016	5,736	5,274
15	36	98 398	70 474,985	2 003 007,247	28,422	27,960	65	86	39 506	9 301,466	49 958,776	5,371	4,909
16	37	98 332	68 878,290	1 932 532,262	28,057	27,595	66	87	35 132	8 089,515	40 657,310	5,026	4,564
17	38	98 251	67 307,187	1 863 653,972	27,689	27,227	67	88	30 585	6 887,596	32 567,795	4,728	4,266
18	39	98 160	65 764,828	1 796 346,786	27,315	26,853	68	89	26 266	5 784,718	25 680,200	4,439	3,977
19	40	98 036	64 236,729	1 730 581,958	26,941	26,479	69	90	22 150	4 771,052	19 895,482	4,170	3,708
20	41	97 913	62 744,193	1 666 345,228	26,558	26,096	70	91	18 460	3 888,652	15 124,430	3,889	3,427
21	42	97 773	61 275,895	1 603 601,035	26,170	25,708	71	92	14 904	3 070,423	11 235,778	3,659	3,197
22	43	97 626	59 837,075	1 542 325,140	25,775	25,313	72	93	11 775	2 372,454	8 165,354	3,442	2,980
23	44	97 468	58 425,704	1 482 488,065	25,374	24,912	73	94	9 067	1 786,694	5 792,900	3,242	2,780
24	45	97 304	57 044,003	1 424 062,362	24,964	24,502	74	95	6 798	1 310,142	4 006,206	3,058	2,596
25	46	97 116	55 681,200	1 367 018,359	24,551	24,089	75	96	4 951	933,154	2 696,065	2,889	2,427
26	47	96 908	54 339,261	1 311 337,159	24,132	23,670	76	97	3 499	645,018	1 762,911	2,733	2,271
27	48	96 681	53 018,906	1 256 997,898	23,708	23,246	77	98	2 395	431,750	1 117,893	2,589	2,127
28	49	96 441	51 723,393	1 203 978,992	23,277	22,815	78	99	1 583	279,168	686,142	2,458	1,996
29	50	96 179	50 448,115	1 152 255,600	22,840	22,378	79	100	1 010	174,063	406,974	2,338	1,876
30	51	95 893	49 191,066	1 101 807,484	22,399	21,937							
31	52	95 590	47 956,915	1 052 616,418	21,949	21,487							
32	53	95 255	46 737,003	1 004 659,503	21,496	21,034							
33	54	94 894	45 535,624	957 922,500	21,037	20,575							
34	55	94 523	44 359,487	912 386,876	20,568	20,106							
35	56	94 107	43 192,362	868 027,389	20,097	19,635							
36	57	93 669	42 045,277	824 835,027	19,618	19,156							
37	58	93 198	40 913,048	782 789,750	19,133	18,671							
38	59	92 681	39 790,978	741 876,702	18,644	18,182							
39	60	92 139	38 687,732	702 085,725	18,148	17,685							
40	61	91 527	37 585,356	663 397,993	17,650	17,188							
41	62	90 883	36 499,476	625 812,636	17,146	16,684							
42	63	90 179	35 419,632	589 313,161	16,638	16,176							
43	64	89 433	34 353,735	553 893,529	16,123	15,661							
44	65	88 618	33 291,875	519 539,794	15,606	15,144							
45	66	87 745	32 238,450	486 247,919	15,083	14,621							
46	67	86 814	31 194,508	454 009,469	14,554	14,092							
47	68	85 794	30 149,630	422 814,961	14,024	13,562							
48	69	84 691	29 107,053	392 665,331	13,490	13,028							
49	70	83 466	28 054,919	363 558,278	12,959	12,497							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	3 254 278,511	32,741	32,279	50	72	81 052	26 643,826	318 480,853	11,953	11,491
1	23	98 967	96 789,135	3 154 885,147	32,595	32,133	51	73	79 457	25 544,694	291 837,027	11,425	10,963
2	24	98 909	94 604,085	3 058 096,012	32,325	31,863	52	74	77 704	24 431,640	266 292,333	10,899	10,437
3	25	98 868	92 483,492	2 963 491,927	32,043	31,581	53	75	75 802	23 309,051	241 860,693	10,376	9,914
4	26	98 831	90 414,594	2 871 008,435	31,754	31,292	54	76	73 688	22 160,338	218 551,642	9,862	9,400
5	27	98 790	88 388,669	2 780 593,842	31,459	30,997	55	77	71 360	20 987,988	196 391,304	9,357	8,895
6	28	98 753	86 411,373	2 692 205,173	31,156	30,694	56	78	68 816	19 794,330	175 403,316	8,861	8,399
7	29	98 717	84 479,043	2 605 793,800	30,845	30,383	57	79	66 031	18 575,512	155 608,986	8,377	7,915
8	30	98 680	82 589,187	2 521 314,757	30,528	30,066	58	80	63 046	17 345,332	137 033,474	7,900	7,438
9	31	98 644	80 741,891	2 438 725,570	30,204	29,742	59	81	59 778	16 084,387	119 688,142	7,441	6,979
10	32	98 603	78 932,653	2 357 983,680	29,873	29,411	60	82	56 274	14 808,364	103 603,755	6,996	6,534
11	33	98 560	77 162,112	2 279 051,027	29,536	29,074	61	83	52 511	13 514,092	88 795,391	6,571	6,109
12	34	98 515	75 429,531	2 201 888,915	29,191	28,729	62	84	48 548	12 219,237	75 281,300	6,161	5,699
13	35	98 464	73 732,065	2 126 459,383	28,840	28,378	63	85	44 403	10 930,150	63 062,062	5,770	5,308
14	36	98 414	72 072,558	2 052 727,318	28,481	28,019	64	86	40 082	9 649,438	52 131,912	5,403	4,941
15	37	98 352	70 442,121	1 980 654,760	28,117	27,655	65	87	35 688	8 402,493	42 482,475	5,056	4,594
16	38	98 280	68 842,012	1 910 212,639	27,748	27,286	66	88	31 104	7 161,958	34 079,982	4,758	4,296
17	39	98 193	67 267,504	1 841 370,627	27,374	26,912	67	89	26 748	6 023,464	26 918,023	4,469	4,007
18	40	98 091	65 718,578	1 774 103,122	26,995	26,533	68	90	22 595	4 976,195	20 894,560	4,199	3,737
19	41	97 966	64 190,942	1 708 384,544	26,614	26,152	69	91	18 868	4 063,999	15 918,365	3,917	3,455
20	42	97 832	62 692,054	1 644 193,603	26,227	25,764	70	92	15 264	3 215,354	11 854,366	3,687	3,225
21	43	97 681	61 217,931	1 581 501,548	25,834	25,372	71	93	12 087	2 490,164	8 639,012	3,469	3,007
22	44	97 522	59 773,914	1 520 283,617	25,434	24,972	72	94	9 339	1 881,634	6 148,847	3,268	2,806
23	45	97 357	58 359,634	1 460 509,703	25,026	24,564	73	95	7 024	1 383,988	4 267,213	3,083	2,621
24	46	97 172	56 966,847	1 402 150,069	24,613	24,151	74	96	5 137	989,880	2 883,225	2,913	2,451
25	47	96 966	55 594,843	1 345 183,222	24,196	23,734	75	97	3 644	686,810	1 893,346	2,757	2,295
26	48	96 740	54 244,960	1 289 588,379	23,773	23,311	76	98	2 506	461,862	1 206,535	2,612	2,150
27	49	96 502	52 920,664	1 235 343,419	23,343	22,881	77	99	1 666	300,377	744,674	2,479	2,017
28	50	96 239	51 615,183	1 182 422,755	22,908	22,446	78	100	1 069	188,465	444,296	2,357	1,895
29	51	95 954	50 330,245	1 130 807,571	22,468	22,006							
30	52	95 654	49 068,542	1 080 477,326	22,020	21,558							
31	53	95 325	47 824,034	1 031 408,784	21,567	21,105							
32	54	94 965	46 594,961	983 584,750	21,109	20,647							
33	55	94 592	45 390,540	936 989,789	20,643	20,181							
34	56	94 183	44 199,902	891 599,249	20,172	19,710							
35	57	93 750	43 028,538	847 399,347	19,694	19,232							
36	58	93 283	41 871,787	804 370,809	19,210	18,748							
37	59	92 773	40 726,499	762 499,022	18,722	18,260							
38	60	92 238	39 600,842	721 772,524	18,226	17,764							
39	61	91 635	38 476,193	682 171,681	17,730	17,268							
40	62	91 007	37 371,666	643 695,489	17,224	16,762							
41	63	90 313	36 270,450	606 323,823	16,717	16,255							
42	64	89 577	35 183,431	570 053,373	16,202	15,740							
43	65	88 789	34 106,532	534 869,942	15,682	15,220							
44	66	87 932	33 034,115	500 763,410	15,159	14,697							
45	67	87 024	31 973,458	467 729,296	14,629	14,167							
46	68	86 031	30 913,145	435 755,838	14,096	13,634							
47	69	84 954	29 854,310	404 842,693	13,561	13,099							
48	70	83 762	28 787,817	374 988,383	13,026	12,564							
49	71	82 469	27 719,713	346 200,566	12,489	12,027							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	3 230 805,390	32,513	32,051	50	73	79 797	26 231,509	301 181,745	11,482	11,020
1	24	98 944	96 767,119	3 131 434,866	32,361	31,899	51	74	78 079	25 101,866	274 950,236	10,953	10,491
2	25	98 887	94 582,576	3 034 667,747	32,085	31,623	52	75	76 203	23 959,521	249 848,370	10,428	9,966
3	26	98 846	92 462,883	2 940 085,170	31,797	31,335	53	76	74 113	22 789,698	225 888,849	9,912	9,450
4	27	98 804	90 390,439	2 847 622,288	31,504	31,042	54	77	71 820	21 598,625	203 099,150	9,403	8,941
5	28	98 765	88 365,853	2 757 231,849	31,202	30,740	55	78	69 294	20 380,296	181 500,526	8,906	8,444
6	29	98 727	86 388,929	2 668 865,996	30,894	30,432	56	79	66 527	19 136,008	161 120,229	8,420	7,958
7	30	98 690	84 455,612	2 582 477,067	30,578	30,116	57	80	63 552	17 877,990	141 984,221	7,942	7,480
8	31	98 653	82 566,521	2 498 021,456	30,255	29,793	58	81	60 311	16 593,010	124 106,232	7,479	7,017
9	32	98 611	80 715,567	2 415 454,935	29,926	29,464	59	82	56 819	15 288,278	107 513,222	7,032	6,570
10	33	98 569	78 905,315	2 334 739,368	29,589	29,127	60	83	53 074	13 966,244	92 224,945	6,603	6,141
11	34	98 524	77 134,196	2 255 834,053	29,246	28,784	61	84	49 100	12 636,229	78 258,700	6,193	5,731
12	35	98 475	75 398,920	2 178 699,857	28,896	28,434	62	85	44 956	11 315,187	65 622,471	5,800	5,337
13	36	98 423	73 700,643	2 103 300,937	28,538	28,076	63	86	40 616	9 997,858	54 307,284	5,432	4,970
14	37	98 368	72 038,950	2 029 600,293	28,174	27,712	64	87	36 209	8 716,833	44 309,426	5,083	4,621
15	38	98 300	70 405,020	1 957 561,344	27,804	27,342	65	88	31 596	7 439,050	35 592,593	4,785	4,323
16	39	98 222	68 801,425	1 887 156,324	27,429	26,967	66	89	27 201	6 263,405	28 153,543	4,495	4,033
17	40	98 124	67 220,198	1 818 354,899	27,051	26,589	67	90	23 009	5 181,572	21 890,138	4,225	3,763
18	41	98 021	65 671,734	1 751 134,701	26,665	26,203	68	91	19 246	4 238,740	16 708,566	3,942	3,480
19	42	97 885	64 137,601	1 685 462,967	26,279	25,817	69	92	15 601	3 360,341	12 469,827	3,711	3,249
20	43	97 739	62 632,751	1 621 325,367	25,886	25,424	70	93	12 379	2 607,706	9 109,486	3,493	3,031
21	44	97 577	61 153,313	1 558 692,616	25,488	25,026	71	94	9 587	1 974,992	6 501,779	3,292	2,830
22	45	97 412	59 706,320	1 497 539,303	25,082	24,620	72	95	7 234	1 457,529	4 526,788	3,106	2,644
23	46	97 226	58 280,699	1 437 832,983	24,671	24,209	73	96	5 307	1 045,674	3 069,259	2,935	2,473
24	47	97 021	56 878,496	1 379 552,284	24,254	23,792	74	97	3 781	728,561	2 023,584	2,778	2,315
25	48	96 797	55 498,363	1 322 673,788	23,833	23,371	75	98	2 609	491,787	1 295,023	2,633	2,171
26	49	96 561	54 144,446	1 267 175,424	23,404	22,942	76	99	1 743	321,326	803,236	2,500	2,038
27	50	96 300	52 809,950	1 213 030,978	22,970	22,508	77	100	1 125	202,783	481,910	2,376	1,914
28	51	96 014	51 494,587	1 160 221,028	22,531	22,069							
29	52	95 715	50 204,883	1 108 726,442	22,084	21,622							
30	53	95 389	48 932,581	1 058 521,558	21,632	21,170							
31	54	95 036	47 678,688	1 009 588,978	21,175	20,713							
32	55	94 663	46 446,502	961 910,289	20,710	20,248							
33	56	94 252	45 227,246	915 463,787	20,241	19,779							
34	57	93 826	44 032,257	870 236,541	19,764	19,302							
35	58	93 363	42 850,990	826 204,284	19,281	18,819							
36	59	92 857	41 680,866	783 353,294	18,794	18,332							
37	60	92 329	40 531,893	741 672,428	18,298	17,836							
38	61	91 734	39 384,310	701 140,535	17,803	17,341							
39	62	91 114	38 257,437	661 756,225	17,297	16,835							
40	63	90 436	37 137,167	623 498,788	16,789	16,327							
41	64	89 710	36 028,575	586 361,621	16,275	15,813							
42	65	88 933	34 930,258	550 333,046	15,755	15,293							
43	66	88 102	33 842,464	515 402,788	15,229	14,767							
44	67	87 210	32 762,582	481 560,323	14,698	14,236							
45	68	86 239	31 685,069	448 797,741	14,164	13,702							
46	69	85 188	30 610,347	417 112,673	13,627	13,165							
47	70	84 022	29 526,878	386 502,326	13,090	12,628							
48	71	82 761	28 443,854	356 975,448	12,550	12,088							
49	72	81 369	27 349,849	328 531,594	12,012	11,550							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	3 206 568,556	32,276	31,814	50	74	78 414	25 776,775	283 666,706	11,005	10,543
1	25	98 922	96 745,119	3 107 220,634	32,118	31,656	51	75	76 570	24 616,796	257 889,932	10,476	10,014
2	26	98 865	94 561,499	3 010 475,515	31,836	31,374	52	76	74 505	23 425,675	233 273,135	9,958	9,496
3	27	98 819	92 438,181	2 915 914,016	31,544	31,082	53	77	72 234	22 212,032	209 847,460	9,447	8,985
4	28	98 779	90 367,106	2 823 475,835	31,245	30,782	54	78	69 740	20 973,252	187 635,428	8,946	8,484
5	29	98 739	88 342,901	2 733 108,729	30,938	30,475	55	79	66 989	19 702,486	166 662,176	8,459	7,997
6	30	98 700	86 364,968	2 644 765,828	30,623	30,161	56	80	64 029	18 417,439	146 959,690	7,979	7,517
7	31	98 663	84 432,433	2 558 400,860	30,301	29,839	57	81	60 795	17 102,564	128 542,251	7,516	7,054
8	32	98 621	82 539,602	2 473 968,427	29,973	29,511	58	82	57 326	15 771,726	111 439,686	7,066	6,604
9	33	98 577	80 687,611	2 391 428,824	29,638	29,176	59	83	53 588	14 418,867	95 667,961	6,635	6,173
10	34	98 533	78 876,768	2 310 741,213	29,296	28,834	60	84	49 626	13 059,010	81 249,094	6,222	5,760
11	35	98 484	77 102,893	2 231 864,445	28,947	28,485	61	85	45 467	11 701,327	68 190,084	5,828	5,366
12	36	98 433	75 366,789	2 154 761,552	28,590	28,128	62	86	41 121	10 350,054	56 488,757	5,458	4,996
13	37	98 377	73 666,276	2 079 394,763	28,227	27,765	63	87	36 690	9 031,579	46 138,704	5,109	4,647
14	38	98 316	72 001,007	2 005 728,488	27,857	27,395	64	88	32 057	7 717,348	37 107,124	4,808	4,346
15	39	98 242	70 363,511	1 933 727,481	27,482	27,020	65	89	27 632	6 505,731	29 389,777	4,518	4,056
16	40	98 153	68 753,039	1 863 363,970	27,102	26,640	66	90	23 399	5 387,976	22 884,045	4,247	3,785
17	41	98 054	67 172,284	1 794 610,930	26,717	26,255	67	91	19 599	4 413,681	17 496,069	3,964	3,502
18	42	97 939	65 617,162	1 727 438,647	26,326	25,864	68	92	15 914	3 504,827	13 082,388	3,733	3,271
19	43	97 792	64 076,930	1 661 821,484	25,935	25,473	69	93	12 653	2 725,293	9 577,562	3,514	3,052
20	44	97 636	62 566,639	1 597 744,554	25,537	25,075	70	94	9 818	2 068,216	6 852,269	3,313	2,851
21	45	97 467	61 084,159	1 535 177,915	25,132	24,670	71	95	7 426	1 529,845	4 784,053	3,127	2,665
22	46	97 280	59 625,564	1 474 093,756	24,723	24,260	72	96	5 466	1 101,238	3 254,208	2,955	2,493
23	47	97 075	58 190,311	1 414 468,193	24,308	23,846	73	97	3 906	769,627	2 152,969	2,797	2,335
24	48	96 853	56 779,788	1 356 277,882	23,887	23,425	74	98	2 707	521,682	1 383,343	2,652	2,190
25	49	96 618	55 395,527	1 299 498,094	23,459	22,997	75	99	1 815	342,146	861,660	2,518	2,056
26	50	96 359	54 031,172	1 244 102,567	23,026	22,564	76	100	1 177	216,926	519,515	2,395	1,933
27	51	96 075	52 686,562	1 190 071,395	22,588	22,126							
28	52	95 775	51 366,325	1 137 384,833	22,143	21,681							
29	53	95 450	50 065,774	1 086 018,509	21,692	21,230							
30	54	95 099	48 783,866	1 035 952,735	21,236	20,774							
31	55	94 733	47 526,777	987 168,869	20,771	20,309							
32	56	94 322	46 279,409	939 642,093	20,304	19,842							
33	57	93 894	45 055,704	893 362,684	19,828	19,366							
34	58	93 439	43 850,567	848 306,979	19,345	18,883							
35	59	92 938	42 655,605	804 456,412	18,859	18,397							
36	60	92 414	41 481,701	761 800,807	18,365	17,903							
37	61	91 824	40 310,270	720 319,107	17,869	17,407							
38	62	91 212	39 160,391	680 008,837	17,365	16,903							
39	63	90 542	38 017,380	640 848,446	16,857	16,395							
40	64	89 833	36 889,513	602 831,065	16,342	15,880							
41	65	89 065	35 769,320	565 941,553	15,822	15,360							
42	66	88 244	34 659,812	530 172,232	15,296	14,834							
43	67	87 378	33 564,287	495 512,420	14,763	14,301							
44	68	86 423	32 467,076	461 948,132	14,228	13,766							
45	69	85 394	31 374,709	429 481,057	13,689	13,227							
46	70	84 254	30 274,623	398 106,348	13,150	12,688							
47	71	83 018	29 174,085	367 831,725	12,608	12,146							
48	72	81 657	28 064,328	338 657,640	12,067	11,605							
49	73	80 110	26 926,606	310 593,312	11,535	11,073							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	3 181 562,968	32,032	31,570	50	75	76 899	25 278,662	265 987,643	10,522	10,060
1	26	98 900	96 723,560	3 082 237,633	31,866	31,404	51	76	74 864	24 068,305	240 708,981	10,001	9,539
2	27	98 838	94 536,236	2 985 514,073	31,581	31,119	52	77	72 616	22 831,889	216 640,675	9,489	9,026
3	28	98 794	92 414,319	2 890 977,837	31,283	30,821	53	78	70 143	21 568,899	193 808,787	8,986	8,524
4	29	98 753	90 343,635	2 798 563,517	30,977	30,515	54	79	67 421	20 275,721	172 239,888	8,495	8,033
5	30	98 712	88 318,399	2 708 219,883	30,664	30,202	55	80	64 474	18 962,645	151 964,166	8,014	7,552
6	31	98 673	86 341,266	2 619 901,484	30,344	29,882	56	81	61 252	17 618,616	133 001,521	7,549	7,087
7	32	98 630	84 404,906	2 533 560,218	30,017	29,555	57	82	57 786	16 256,060	115 382,905	7,098	6,636
8	33	98 587	82 511,015	2 449 155,312	29,683	29,221	58	83	54 066	14 874,822	99 126,846	6,664	6,202
9	34	98 542	80 658,419	2 366 644,297	29,342	28,880	59	84	50 107	13 482,230	84 252,024	6,249	5,787
10	35	98 493	78 844,758	2 285 985,877	28,994	28,531	60	85	45 954	12 092,829	70 769,794	5,852	5,390
11	36	98 442	77 070,035	2 207 141,119	28,638	28,176	61	86	41 589	10 703,258	58 676,965	5,482	5,020
12	37	98 387	75 331,644	2 130 071,084	28,276	27,814	62	87	37 147	9 349,736	47 973,708	5,131	4,669
13	38	98 325	73 627,476	2 054 739,440	27,907	27,445	63	88	32 483	7 996,005	38 623,972	4,830	4,368
14	39	98 258	71 958,557	1 981 111,964	27,531	27,069	64	89	28 035	6 749,113	30 627,967	4,538	4,076
15	40	98 173	70 314,027	1 909 153,407	27,152	26,690	65	90	23 770	5 596,434	23 878,854	4,267	3,805
16	41	98 083	68 704,033	1 838 839,380	26,765	26,303	66	91	19 932	4 589,497	18 282,420	3,984	3,522
17	42	97 973	67 116,465	1 770 135,348	26,374	25,912	67	92	16 206	3 649,477	13 692,924	3,752	3,290
18	43	97 847	65 555,092	1 703 018,883	25,978	25,516	68	93	12 906	2 842,473	10 043,446	3,533	3,071
19	44	97 689	64 009,294	1 637 463,791	25,582	25,120	69	94	10 035	2 161,476	7 200,973	3,332	2,869
20	45	97 525	62 495,887	1 573 454,497	25,177	24,715	70	95	7 605	1 602,057	5 039,497	3,146	2,684
21	46	97 335	61 001,539	1 510 958,610	24,769	24,307	71	96	5 611	1 155,877	3 437,440	2,974	2,512
22	47	97 130	59 533,089	1 449 957,071	24,355	23,893	72	97	4 023	810,522	2 281,563	2,815	2,353
23	48	96 906	58 089,326	1 390 423,982	23,936	23,474	73	98	2 797	551,087	1 471,041	2,669	2,207
24	49	96 674	56 674,577	1 332 334,655	23,509	23,046	74	99	1 883	362,945	919,954	2,535	2,073
25	50	96 416	55 279,635	1 275 660,078	23,076	22,614	75	100	1 226	230,981	557,009	2,411	1,949
26	51	96 133	53 904,930	1 220 380,442	22,639	22,177							
27	52	95 835	52 555,331	1 166 475,512	22,195	21,733							
28	53	95 509	51 223,997	1 113 920,182	21,746	21,284							
29	54	95 160	49 913,615	1 062 696,185	21,291	20,829							
30	55	94 796	48 628,433	1 012 782,570	20,827	20,365							
31	56	94 392	47 355,797	964 154,137	20,360	19,898							
32	57	93 964	46 103,876	916 798,340	19,885	19,423							
33	58	93 507	44 869,792	870 694,463	19,405	18,943							
34	59	93 013	43 650,624	825 824,672	18,919	18,457							
35	60	92 494	42 451,781	782 174,047	18,425	17,963							
36	61	91 908	41 254,884	739 722,266	17,931	17,469							
37	62	91 302	40 081,087	698 467,382	17,426	16,964							
38	63	90 640	38 914,669	658 386,295	16,919	16,457							
39	64	89 939	37 763,856	619 471,627	16,404	15,942							
40	65	89 187	36 624,063	581 707,770	15,883	15,421							
41	66	88 375	35 492,379	545 083,708	15,358	14,896							
42	67	87 519	34 374,917	509 591,329	14,825	14,362							
43	68	86 589	33 261,550	475 216,412	14,287	13,825							
44	69	85 576	32 149,056	441 954,862	13,747	13,285							
45	70	84 458	31 030,602	409 805,806	13,207	12,744							
46	71	83 247	29 912,895	378 775,204	12,663	12,201							
47	72	81 910	28 784,815	348 862,309	12,120	11,658							
48	73	80 393	27 630,028	320 077,494	11,584	11,122							
49	74	78 721	26 459,822	292 447,466	11,053	10,590							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	30 636,643	594 258,781	19,397	18,935
1	0	99 594	97 402,258	3 491 912,080	35,850	35,388	51	50	92 606	29 772,074	563 622,138	18,931	18,469
2	1	99 240	94 920,343	3 394 509,822	35,762	35,300	52	51	91 946	28 909,447	533 850,064	18,466	18,004
3	2	99 192	92 787,373	3 299 589,479	35,561	35,099	53	52	91 234	28 054,541	504 940,617	17,999	17,537
4	3	99 162	90 717,268	3 206 802,107	35,349	34,887	54	53	90 460	27 204,199	476 886,076	17,530	17,068
5	4	99 133	88 695,541	3 116 084,839	35,132	34,670	55	54	89 607	26 354,740	449 681,878	17,063	16,601
6	5	99 110	86 723,373	3 027 389,298	34,909	34,447	56	55	88 705	25 515,443	423 327,138	16,591	16,129
7	6	99 090	84 798,422	2 940 665,925	34,678	34,216	57	56	87 728	24 678,989	397 811,695	16,119	15,657
8	7	99 073	82 917,773	2 855 867,503	34,442	33,980	58	57	86 699	23 852,886	373 132,706	15,643	15,181
9	8	99 055	81 078,606	2 772 949,730	34,201	33,739	59	58	85 578	23 026,320	349 279,820	15,169	14,707
10	9	99 040	79 282,748	2 691 871,124	33,953	33,491	60	59	84 370	22 201,806	326 253,500	14,695	14,233
11	10	99 025	77 526,285	2 612 588,376	33,699	33,237	61	60	83 076	21 380,376	304 051,694	14,221	13,759
12	11	99 008	75 806,848	2 535 062,091	33,441	32,979	62	61	81 693	20 561,784	282 671,317	13,747	13,285
13	12	98 989	74 125,087	2 459 255,243	33,177	32,715	63	62	80 230	19 749,174	262 109,534	13,272	12,810
14	13	98 973	72 482,069	2 385 130,156	32,906	32,444	64	63	78 680	18 941,322	242 360,359	12,795	12,333
15	14	98 947	70 868,446	2 312 648,087	32,633	32,171	65	64	77 032	18 136,515	223 419,037	12,319	11,857
16	15	98 915	69 286,572	2 241 779,641	32,355	31,893	66	65	75 285	17 335,316	205 282,522	11,842	11,380
17	16	98 872	67 732,652	2 172 493,069	32,075	31,613	67	66	73 457	16 542,153	187 947,206	11,362	10,900
18	17	98 823	66 208,939	2 104 760,417	31,790	31,328	68	67	71 540	15 755,905	171 405,053	10,879	10,417
19	18	98 750	64 704,674	2 038 551,478	31,505	31,043	69	68	69 501	14 970,117	155 649,149	10,397	9,935
20	19	98 675	63 232,531	1 973 846,804	31,216	30,754	70	69	67 333	14 183,903	140 679,031	9,918	9,456
21	20	98 595	61 790,871	1 910 614,273	30,921	30,459	71	70	65 024	13 396,015	126 495,128	9,443	8,981
22	21	98 518	60 384,349	1 848 823,401	30,618	30,156	72	71	62 587	12 610,291	113 099,113	8,969	8,507
23	22	98 442	59 009,612	1 788 439,053	30,308	29,846	73	72	59 955	11 814,258	100 488,822	8,506	8,044
24	23	98 365	57 666,073	1 729 429,440	29,990	29,528	74	73	57 135	11 010,805	88 674,564	8,053	7,591
25	24	98 286	56 351,826	1 671 763,367	29,667	29,205	75	74	54 118	10 199,885	77 663,759	7,614	7,152
26	25	98 205	55 066,625	1 615 411,541	29,336	28,874	76	75	50 964	9 394,110	67 463,874	7,182	6,719
27	26	98 123	53 810,006	1 560 344,916	28,997	28,535	77	76	47 628	8 585,992	58 069,765	6,763	6,301
28	27	98 035	52 578,563	1 506 534,911	28,653	28,191	78	77	44 114	7 777,474	49 483,772	6,362	5,900
29	28	97 949	51 376,447	1 453 956,347	28,300	27,838	79	78	40 454	6 975,169	41 706,298	5,979	5,517
30	29	97 861	50 200,546	1 402 579,900	27,940	27,478	80	79	36 739	6 195,269	34 731,129	5,606	5,144
31	30	97 768	49 049,666	1 352 379,354	27,572	27,110	81	80	32 958	5 435,448	28 535,860	5,250	4,788
32	31	97 669	47 921,621	1 303 329,688	27,197	26,735	82	81	29 168	4 704,569	23 100,412	4,910	4,448
33	32	97 564	46 816,854	1 255 408,066	26,815	26,353	83	82	25 442	4 013,208	18 395,843	4,584	4,122
34	33	97 460	45 737,555	1 208 591,212	26,424	25,962	84	83	21 828	3 367,449	14 382,636	4,271	3,809
35	34	97 346	44 678,794	1 162 853,657	26,027	25,565	85	84	18 364	2 770,612	11 015,186	3,976	3,514
36	35	97 222	43 640,106	1 118 174,863	25,623	25,161	86	85	15 087	2 226,140	8 244,575	3,704	3,242
37	36	97 092	42 622,705	1 074 534,757	25,210	24,748	87	86	12 066	1 741,265	6 018,434	3,456	2,994
38	37	96 951	41 624,208	1 031 912,052	24,791	24,329	88	87	9 354	1 320,098	4 277,169	3,240	2,778
39	38	96 796	40 643,026	990 287,844	24,366	23,903	89	88	7 032	970,601	2 957,071	3,047	2,585
40	39	96 625	39 678,614	949 644,818	23,933	23,471	90	89	5 139	693,725	1 986,471	2,863	2,401
41	40	96 425	38 725,330	909 966,205	23,498	23,036	91	90	3 670	484,518	1 292,746	2,668	2,206
42	41	96 213	37 789,971	871 240,875	23,055	22,593	92	91	2 519	325,243	808,228	2,485	2,023
43	42	95 978	36 868,145	833 450,904	22,606	22,144	93	92	1 630	205,875	482,985	2,346	1,884
44	43	95 703	35 953,483	796 582,758	22,156	21,694	94	93	1 013	125,051	277,110	2,216	1,754
45	44	95 399	35 050,465	760 629,275	21,701	21,239	95	94	600	72,465	152,058	2,098	1,636
46	45	95 061	34 157,882	725 578,810	21,242	20,780	96	95	338	39,956	79,593	1,992	1,530
47	46	94 671	33 269,167	691 420,928	20,783	20,321	97	96	181	20,907	39,638	1,896	1,434
48	47	94 232	32 386,129	658 151,761	20,322	19,860	98	97	92	10,354	18,731	1,809	1,347
49	48	93 736	31 506,851	625 765,632	19,861	19,399	99	98	44	4,841	8,376	1,730	1,268
							100	99	20	2,131	3,535	1,659	1,197

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	30 693,517	600 168,876	19,554	19,092
1							51	49	92 800	29 834,490	569 475,359	19,088	18,626
2	0	99 558	95 225,026	3 401 546,461	35,721	35,259	52	50	92 161	28 977,151	539 640,870	18,623	18,161
3	1	99 221	92 813,763	3 306 321,435	35,623	35,161	53	51	91 462	28 124,593	510 663,718	18,157	17,695
4	2	99 178	90 731,895	3 213 507,672	35,418	34,956	54	52	90 711	27 279,786	482 539,125	17,689	17,227
5	3	99 147	88 708,260	3 122 775,777	35,203	34,741	55	53	89 880	26 435,081	455 259,339	17,222	16,760
6	4	99 122	86 733,768	3 034 067,517	34,981	34,519	56	54	88 989	25 596,999	428 824,258	16,753	16,291
7	5	99 099	84 806,094	2 947 333,749	34,754	34,292	57	55	88 044	24 768,093	403 227,259	16,280	15,818
8	6	99 081	82 924,421	2 862 527,655	34,520	34,058	58	56	87 029	23 943,701	378 459,166	15,806	15,344
9	7	99 063	81 085,380	2 779 603,234	34,280	33,818	59	57	85 932	23 121,727	354 515,464	15,333	14,871
10	8	99 046	79 287,673	2 698 517,854	34,035	33,573	60	58	84 756	22 303,502	331 393,737	14,858	14,396
11	9	99 031	77 531,207	2 619 230,181	33,783	33,321	61	59	83 475	21 483,030	309 090,235	14,388	13,926
12	10	99 016	75 812,956	2 541 698,973	33,526	33,064	62	60	82 142	20 674,831	287 607,205	13,911	13,449
13	11	98 997	74 130,974	2 465 886,018	33,264	32,802	63	61	80 689	19 862,100	266 932,374	13,439	12,977
14	12	98 981	72 487,625	2 391 755,044	32,995	32,533	64	62	79 176	19 060,925	247 070,275	12,962	12,500
15	13	98 957	70 875,418	2 319 267,418	32,723	32,261	65	63	77 549	18 258,273	228 009,349	12,488	12,026
16	14	98 927	69 295,150	2 248 392,000	32,447	31,985	66	64	75 831	17 460,962	209 751,077	12,013	11,551
17	15	98 886	67 741,835	2 179 096,849	32,168	31,706	67	65	74 030	16 671,229	192 290,114	11,534	11,072
18	16	98 839	66 219,585	2 111 355,014	31,884	31,422	68	66	72 133	15 886,488	175 618,886	11,055	10,593
19	17	98 768	64 716,034	2 045 135,429	31,602	31,140	69	67	70 134	15 106,371	159 732,398	10,574	10,112
20	18	98 697	63 246,347	1 980 419,396	31,313	30,851	70	68	67 999	14 324,211	144 626,027	10,097	9,635
21	19	98 616	61 804,163	1 917 173,049	31,020	30,558	71	69	65 745	13 544,568	130 301,816	9,620	9,158
22	20	98 539	60 397,092	1 855 368,886	30,720	30,257	72	70	63 344	12 762,784	116 757,249	9,148	8,686
23	21	98 463	59 022,370	1 794 971,794	30,412	29,950	73	71	60 766	11 974,027	103 994,465	8,685	8,223
24	22	98 387	57 679,328	1 735 949,425	30,097	29,635	74	72	58 033	11 183,877	92 020,438	8,228	7,766
25	23	98 308	56 364,646	1 678 270,097	29,775	29,313	75	73	55 073	10 379,823	80 836,561	7,788	7,326
26	24	98 228	55 079,147	1 621 905,451	29,447	28,985	76	74	51 969	9 579,219	70 456,738	7,355	6,893
27	25	98 145	53 822,000	1 566 826,304	29,111	28,649	77	75	48 714	8 781,658	60 877,518	6,932	6,470
28	26	98 061	52 592,614	1 513 004,304	28,768	28,306	78	76	45 261	7 979,742	52 095,861	6,529	6,066
29	27	97 974	51 389,712	1 460 411,690	28,418	27,956	79	77	41 660	7 183,152	44 116,118	6,142	5,680
30	28	97 886	50 213,588	1 409 021,977	28,061	27,599	80	78	38 003	6 408,400	36 932,966	5,763	5,301
31	29	97 796	49 063,274	1 358 808,389	27,695	27,233	81	79	34 244	5 647,516	30 524,566	5,405	4,943
32	30	97 696	47 934,777	1 309 745,115	27,323	26,861	82	80	30 491	4 917,872	24 877,050	5,058	4,596
33	31	97 596	46 832,122	1 261 810,338	26,943	26,481	83	81	26 767	4 222,188	19 959,178	4,727	4,265
34	32	97 494	45 753,402	1 214 978,216	26,555	26,093	84	82	23 144	3 570,496	15 736,990	4,408	3,945
35	33	97 381	44 694,964	1 169 224,814	26,160	25,698	85	83	19 639	2 963,092	12 166,494	4,106	3,644
36	34	97 262	43 657,823	1 124 529,850	25,758	25,296	86	84	16 292	2 404,002	9 203,402	3,828	3,366
37	35	97 133	42 640,877	1 080 872,027	25,348	24,886	87	85	13 191	1 903,637	6 799,400	3,572	3,110
38	36	96 996	41 643,627	1 038 231,150	24,931	24,469	88	86	10 354	1 461,333	4 895,763	3,350	2,888
39	37	96 847	40 664,444	996 587,523	24,508	24,046	89	87	7 943	1 096,305	3 434,430	3,133	2,671
40	38	96 682	39 702,021	955 923,079	24,077	23,615	90	88	5 876	793,247	2 338,125	2,948	2,486
41	39	96 493	38 752,583	916 221,058	23,643	23,181	91	89	4 266	563,241	1 544,878	2,743	2,281
42	40	96 282	37 816,927	877 468,475	23,203	22,741	92	90	2 957	381,829	981,637	2,571	2,109
43	41	96 058	36 898,808	839 651,548	22,756	22,294	93	91	1 972	248,985	599,807	2,409	1,947
44	42	95 794	35 987,525	802 752,741	22,306	21,844	94	92	1 249	154,191	350,822	2,275	1,813
45	43	95 500	35 087,502	766 765,216	21,853	21,391	95	93	756	91,368	196,631	2,152	1,690
46	44	95 169	34 196,553	731 677,714	21,396	20,934	96	94	437	51,582	105,264	2,041	1,579
47	45	94 799	33 314,226	697 481,161	20,936	20,474	97	95	240	27,671	53,682	1,940	1,478
48	46	94 378	32 436,436	664 166,935	20,476	20,014	98	96	125	14,068	26,011	1,849	1,387
49	47	93 899	31 561,623	631 730,499	20,016	19,554	99	97	61	6,761	11,943	1,767	1,305
							100	98	28	3,063	5,182	1,692	1,230

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	30 746,875	605 643,127	19,698	19,236
1							51	48	92 972	29 889,874	574 896,252	19,234	18,772
2							52	49	92 354	29 037,901	545 006,378	18,769	18,307
3	0	99 539	93 111,684	3 312 842,821	35,579	35,117	53	50	91 676	28 190,459	515 968,477	18,303	17,841
4	1	99 206	90 757,700	3 219 731,136	35,476	35,014	54	51	90 938	27 347,904	487 778,018	17,836	17,374
5	2	99 163	88 722,564	3 128 973,436	35,267	34,805	55	52	90 130	26 508,532	460 430,114	17,369	16,907
6	3	99 136	86 746,206	3 040 250,872	35,048	34,586	56	53	89 260	25 675,030	433 921,582	16,901	16,439
7	4	99 111	84 816,259	2 953 504,666	34,822	34,360	57	54	88 326	24 847,260	408 246,552	16,430	15,968
8	5	99 090	82 931,923	2 868 688,407	34,591	34,129	58	55	87 343	24 030,151	383 399,292	15,955	15,493
9	6	99 071	81 091,882	2 785 756,484	34,353	33,891	59	56	86 259	23 209,759	359 369,141	15,484	15,022
10	7	99 055	79 294,297	2 704 664,602	34,109	33,647	60	57	85 107	22 395,914	336 159,382	15,010	14,548
11	8	99 038	77 536,023	2 625 370,305	33,860	33,398	61	58	83 858	21 581,433	313 763,468	14,539	14,077
12	9	99 022	75 817,769	2 547 834,282	33,605	33,143	62	59	82 537	20 774,097	292 182,034	14,065	13,603
13	10	99 005	74 136,947	2 472 016,513	33,344	32,882	63	60	81 133	19 971,300	271 407,937	13,590	13,128
14	11	98 989	72 493,383	2 397 879,566	33,077	32,615	64	61	79 629	19 169,915	251 436,637	13,116	12,654
15	12	98 964	70 880,852	2 325 386,183	32,807	32,345	65	62	78 039	18 373,563	232 266,722	12,641	12,179
16	13	98 937	69 301,968	2 254 505,332	32,532	32,070	66	63	76 340	17 578,185	213 893,159	12,168	11,706
17	14	98 898	67 750,223	2 185 203,364	32,254	31,792	67	64	74 567	16 792,061	196 314,974	11,691	11,229
18	15	98 852	66 228,563	2 117 453,141	31,972	31,510	68	65	72 696	16 010,448	179 522,913	11,213	10,751
19	16	98 784	64 726,439	2 051 224,579	31,691	31,229	69	66	70 715	15 231,571	163 512,465	10,735	10,273
20	17	98 714	63 257,451	1 986 498,139	31,403	30,941	70	67	68 618	14 454,586	148 280,895	10,258	9,796
21	18	98 638	61 817,666	1 923 240,689	31,112	30,649	71	68	66 395	13 678,551	133 826,309	9,784	9,322
22	19	98 560	60 410,083	1 861 423,023	30,813	30,351	72	69	64 046	12 904,314	120 147,758	9,311	8,849
23	20	98 484	59 034,825	1 801 012,939	30,508	30,046	73	70	61 501	12 118,825	107 243,444	8,849	8,387
24	21	98 409	57 691,798	1 741 978,114	30,195	29,733	74	71	58 818	11 335,122	95 124,619	8,392	7,930
25	22	98 331	56 377,602	1 684 286,316	29,875	29,413	75	72	55 939	10 542,977	83 789,497	7,947	7,485
26	23	98 250	55 091,678	1 627 908,715	29,549	29,087	76	73	52 886	9 748,208	73 246,520	7,514	7,052
27	24	98 168	53 834,239	1 572 817,037	29,216	28,754	77	74	49 674	8 954,699	63 498,312	7,091	6,629
28	25	98 083	52 604,337	1 518 982,798	28,876	28,414	78	75	46 293	8 161,592	54 543,612	6,683	6,221
29	26	98 001	51 403,445	1 466 378,461	28,527	28,065	79	76	42 743	7 369,964	46 382,020	6,293	5,831
30	27	97 911	50 226,553	1 414 975,016	28,172	27,710	80	77	39 136	6 599,484	39 012,057	5,911	5,449
31	28	97 821	49 076,021	1 364 748,463	27,809	27,347	81	78	35 422	5 841,803	32 412,573	5,548	5,086
32	29	97 723	47 948,075	1 315 672,441	27,440	26,978	82	79	31 680	5 109,747	26 570,770	5,200	4,738
33	30	97 623	46 844,979	1 267 724,366	27,062	26,600	83	80	27 980	4 413,621	21 461,023	4,862	4,400
34	31	97 525	45 768,323	1 220 879,387	26,675	26,213	84	81	24 350	3 756,423	17 047,403	4,538	4,076
35	32	97 415	44 710,449	1 175 111,064	26,283	25,821	85	82	20 824	3 141,756	13 290,980	4,230	3,768
36	33	97 297	43 673,624	1 130 400,614	25,883	25,421	86	83	17 424	2 571,013	10 149,223	3,948	3,486
37	34	97 173	42 658,189	1 086 726,991	25,475	25,013	87	84	14 245	2 055,732	7 578,210	3,686	3,224
38	35	97 038	41 661,381	1 044 068,802	25,061	24,599	88	85	11 320	1 597,602	5 522,478	3,457	2,995
39	36	96 892	40 683,415	1 002 407,421	24,639	24,177	89	86	8 792	1 213,597	3 924,877	3,234	2,772
40	37	96 733	39 722,943	961 724,006	24,211	23,749	90	87	6 637	895,982	2 711,280	3,026	2,564
41	38	96 550	38 775,444	922 001,063	23,778	23,316	91	88	4 878	644,044	1 815,298	2,819	2,357
42	39	96 350	37 843,541	883 225,619	23,339	22,877	92	89	3 438	443,868	1 171,254	2,639	2,177
43	40	96 127	36 925,128	845 382,078	22,894	22,432	93	90	2 315	292,304	727,386	2,488	2,026
44	41	95 874	36 017,455	808 456,951	22,446	21,984	94	91	1 510	186,478	435,082	2,333	1,871
45	42	95 590	35 120,724	772 439,496	21,994	21,532	95	92	933	112,658	248,604	2,207	1,745
46	43	95 269	34 232,687	737 318,772	21,538	21,076	96	93	551	65,037	135,946	2,090	1,628
47	44	94 907	33 351,941	703 086,085	21,081	20,619	97	94	309	35,723	70,909	1,985	1,523
48	45	94 506	32 480,367	669 734,144	20,620	20,158	98	95	165	18,620	35,186	1,890	1,428
49	46	94 045	31 610,649	637 253,776	20,159	19,697	99	96	83	9,185	16,566	1,804	1,342
							100	97	40	4,277	7,381	1,726	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	30 794,635	610 703,114	19,831	19,369
1							51	47	93 134	29 941,836	579 908,478	19,368	18,906
2							52	48	92 526	29 091,807	549 966,643	18,905	18,443
3							53	49	91 869	28 249,559	520 874,836	18,438	17,976
4	0	99 524	91 049,022	3 225 766,335	35,429	34,967	54	50	91 150	27 411,951	492 625,277	17,971	17,509
5	1	99 191	88 747,797	3 134 717,312	35,322	34,860	55	51	90 355	26 574,724	465 213,326	17,506	17,044
6	2	99 152	86 760,194	3 045 969,515	35,108	34,646	56	52	89 508	25 746,369	438 638,602	17,037	16,575
7	3	99 125	84 828,422	2 959 209,321	34,885	34,423	57	53	88 595	24 923,006	412 892,233	16,567	16,105
8	4	99 102	82 941,864	2 874 380,899	34,655	34,193	58	54	87 622	24 106,959	387 969,227	16,094	15,632
9	5	99 080	81 099,218	2 791 439,036	34,420	33,958	59	55	86 571	23 293,559	363 862,268	15,621	15,159
10	6	99 063	79 300,656	2 710 339,818	34,178	33,716	60	56	85 432	22 481,183	340 568,709	15,149	14,687
11	7	99 046	77 542,501	2 631 039,162	33,930	33,468	61	57	84 205	21 670,853	318 087,526	14,678	14,216
12	8	99 028	75 822,478	2 553 496,661	33,677	33,215	62	58	82 915	20 869,254	296 416,673	14,204	13,741
13	9	99 011	74 141,653	2 477 674,183	33,418	32,956	63	59	81 522	20 067,188	275 547,419	13,731	13,269
14	10	98 996	72 499,223	2 403 532,529	33,153	32,691	64	60	80 067	19 275,310	255 480,231	13,254	12,792
15	11	98 972	70 886,482	2 331 033,306	32,884	32,422	65	61	78 485	18 478,623	236 204,921	12,783	12,321
16	12	98 945	69 307,280	2 260 146,824	32,611	32,149	66	62	76 822	17 689,180	217 726,298	12,308	11,846
17	13	98 908	67 756,888	2 190 839,544	32,334	31,872	67	63	75 068	16 904,793	200 037,118	11,833	11,371
18	14	98 864	66 236,762	2 123 082,656	32,053	31,591	68	64	73 223	16 126,491	183 132,325	11,356	10,894
19	15	98 797	64 735,215	2 056 845,893	31,773	31,311	69	65	71 267	15 350,420	167 005,834	10,880	10,418
20	16	98 730	63 267,622	1 992 110,679	31,487	31,025	70	66	69 187	14 574,384	151 655,414	10,406	9,944
21	17	98 655	61 828,519	1 928 843,057	31,197	30,735	71	67	66 999	13 803,049	137 081,030	9,931	9,469
22	18	98 582	60 423,282	1 867 014,537	30,899	30,437	72	68	64 680	13 031,964	123 277,981	9,460	8,998
23	19	98 505	59 047,524	1 806 591,256	30,596	30,134	73	69	62 183	12 253,214	110 246,017	8,997	8,535
24	20	98 430	57 703,972	1 747 543,732	30,285	29,823	74	70	59 529	11 472,194	97 992,803	8,542	8,080
25	21	98 352	56 389,790	1 689 839,759	29,967	29,505	75	71	56 695	10 685,555	86 520,609	8,097	7,635
26	22	98 273	55 104,341	1 633 449,969	29,643	29,181	76	72	53 717	9 901,435	75 835,054	7,659	7,197
27	23	98 190	53 846,487	1 578 345,628	29,312	28,850	77	73	50 550	9 112,671	65 933,620	7,235	6,773
28	24	98 105	52 616,299	1 524 499,142	28,974	28,512	78	74	47 205	8 322,415	56 820,949	6,827	6,365
29	25	98 022	51 414,903	1 471 882,843	28,628	28,166	79	75	43 717	7 537,917	48 498,534	6,434	5,972
30	26	97 937	50 239,975	1 420 467,940	28,274	27,812	80	76	40 154	6 771,116	40 960,617	6,049	5,587
31	27	97 846	49 088,692	1 370 227,964	27,913	27,451	81	77	36 478	6 015,992	34 189,501	5,683	5,221
32	28	97 749	47 960,532	1 321 139,272	27,546	27,084	82	78	32 770	5 285,533	28 173,509	5,330	4,868
33	29	97 650	46 857,975	1 273 178,740	27,171	26,709	83	79	29 072	4 585,821	22 887,975	4,991	4,529
34	30	97 552	45 780,888	1 226 320,764	26,787	26,325	84	80	25 454	3 926,738	18 302,154	4,661	4,199
35	31	97 447	44 725,031	1 180 539,877	26,396	25,933	85	81	21 908	3 305,358	14 375,416	4,349	3,887
36	32	97 331	43 688,755	1 135 814,846	25,998	25,536	86	82	18 475	2 726,037	11 070,059	4,061	3,599
37	33	97 208	42 673,628	1 092 126,091	25,593	25,131	87	83	15 235	2 198,548	8 344,022	3,795	3,333
38	34	97 077	41 678,295	1 049 452,463	25,180	24,718	88	84	12 224	1 725,245	6 145,474	3,562	3,100
39	35	96 933	40 700,760	1 007 774,168	24,761	24,299	89	85	9 612	1 326,764	4 420,229	3,332	2,870
40	36	96 778	39 741,475	967 073,408	24,334	23,872	90	86	7 348	991,842	3 093,465	3,119	2,657
41	37	96 601	38 795,878	927 331,934	23,903	23,441	91	87	5 510	727,456	2 101,623	2,889	2,427
42	38	96 407	37 865,865	888 536,056	23,465	23,003	92	88	3 931	507,546	1 374,168	2,707	2,245
43	39	96 194	36 951,114	850 670,190	23,022	22,559	93	89	2 691	339,796	866,622	2,550	2,088
44	40	95 942	36 043,146	813 719,077	22,576	22,114	94	90	1 773	218,922	526,825	2,406	1,944
45	41	95 670	35 149,933	777 675,930	22,125	21,663	95	91	1 128	136,249	307,903	2,260	1,798
46	42	95 360	34 265,100	742 525,997	21,670	21,208	96	92	679	80,192	171,655	2,141	1,679
47	43	95 007	33 387,183	708 260,897	21,214	20,752	97	93	390	45,041	91,463	2,031	1,569
48	44	94 613	32 517,139	674 873,714	20,754	20,292	98	94	213	24,038	46,422	1,931	1,469
49	45	94 172	31 653,462	642 356,576	20,293	19,831	99	95	110	12,157	22,384	1,841	1,379
							100	96	54	5,811	10,227	1,760	1,298

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	30 836,343	615 370,340	19,956	19,494
1							51	46	93 279	29 988,345	584 533,997	19,492	19,030
2							52	47	92 687	29 142,381	554 545,651	19,029	18,567
3							53	48	92 039	28 302,002	525 403,271	18,564	18,102
4							54	49	91 342	27 469,419	497 101,269	18,097	17,635
5	0	99 510	89 032,668	3 140 295,579	35,271	34,809	55	50	90 566	26 636,960	469 631,850	17,631	17,169
6	1	99 180	86 784,869	3 051 262,911	35,159	34,697	56	51	89 731	25 810,658	442 994,890	17,163	16,701
7	2	99 141	84 842,100	2 964 478,042	34,941	34,479	57	52	88 841	24 992,255	417 184,231	16,693	16,231
8	3	99 116	82 953,758	2 879 635,942	34,714	34,252	58	53	87 889	24 180,448	392 191,976	16,219	15,757
9	4	99 092	81 108,939	2 796 682,184	34,481	34,019	59	54	86 848	23 368,013	368 011,528	15,749	15,287
10	5	99 072	79 307,830	2 715 573,245	34,241	33,779	60	55	85 740	22 562,351	344 643,516	15,275	14,813
11	6	99 054	77 548,719	2 636 265,415	33,995	33,533	61	56	84 526	21 753,362	322 081,164	14,806	14,344
12	7	99 036	75 828,813	2 558 716,697	33,743	33,281	62	57	83 258	20 955,723	300 327,803	14,332	13,870
13	8	99 018	74 146,259	2 482 887,883	33,486	33,024	63	58	81 896	20 159,107	279 372,080	13,858	13,396
14	9	99 003	72 503,826	2 408 741,624	33,222	32,760	64	59	80 451	19 367,857	259 212,973	13,384	12,922
15	10	98 980	70 892,193	2 336 237,798	32,955	32,493	65	60	78 916	18 580,217	239 845,117	12,909	12,447
16	11	98 952	69 312,785	2 265 345,605	32,683	32,221	66	61	77 261	17 790,327	221 264,900	12,437	11,975
17	12	98 915	67 762,082	2 196 032,820	32,408	31,946	67	62	75 542	17 011,537	203 474,573	11,961	11,499
18	13	98 874	66 243,279	2 128 270,738	32,128	31,666	68	63	73 714	16 234,755	186 463,037	11,485	11,023
19	14	98 809	64 743,230	2 062 027,459	31,849	31,387	69	64	71 784	15 461,680	170 228,282	11,010	10,548
20	15	98 743	63 276,200	1 997 284,229	31,565	31,103	70	65	69 727	14 688,106	154 766,602	10,537	10,075
21	16	98 671	61 838,461	1 934 008,030	31,275	30,813	71	66	67 555	13 917,447	140 078,497	10,065	9,603
22	17	98 599	60 433,890	1 872 169,569	30,979	30,517	72	67	65 268	13 150,577	126 161,049	9,594	9,132
23	18	98 526	59 060,425	1 811 735,679	30,676	30,214	73	68	62 798	12 374,424	113 010,472	9,133	8,671
24	19	98 451	57 716,385	1 752 675,254	30,367	29,905	74	69	60 190	11 599,412	100 636,049	8,676	8,214
25	20	98 373	56 401,690	1 694 958,869	30,052	29,590	75	70	57 381	10 814,772	89 036,636	8,233	7,771
26	21	98 294	55 116,254	1 638 557,179	29,729	29,267	76	71	54 443	10 035,336	78 221,865	7,795	7,333
27	22	98 212	53 858,863	1 583 440,925	29,400	28,938	77	72	51 345	9 255,908	68 186,529	7,367	6,905
28	23	98 128	52 628,270	1 529 582,062	29,064	28,602	78	73	48 038	8 469,233	58 930,621	6,958	6,496
29	24	98 045	51 426,595	1 476 953,792	28,720	28,258	79	74	44 579	7 686,451	50 461,389	6,565	6,103
30	25	97 959	50 251,173	1 425 527,198	28,368	27,906	80	75	41 069	6 925,422	42 774,938	6,177	5,714
31	26	97 872	49 101,810	1 375 276,024	28,009	27,547	81	76	37 427	6 172,449	35 849,516	5,808	5,346
32	27	97 774	47 972,916	1 326 174,214	27,644	27,182	82	77	33 747	5 443,136	29 677,067	5,452	4,990
33	28	97 676	46 870,149	1 278 201,298	27,271	26,809	83	78	30 072	4 743,584	24 233,931	5,109	4,647
34	29	97 579	45 793,589	1 231 331,149	26,889	26,427	84	79	26 447	4 079,942	19 490,347	4,777	4,315
35	30	97 473	44 737,309	1 185 537,560	26,500	26,038	85	80	22 901	3 455,222	15 410,405	4,460	3,998
36	31	97 362	43 703,003	1 140 800,251	26,103	25,641	86	81	19 437	2 867,990	11 955,183	4,168	3,706
37	32	97 242	42 688,413	1 097 097,248	25,700	25,238	87	82	16 154	2 331,113	9 087,193	3,898	3,436
38	33	97 112	41 693,379	1 054 408,836	25,290	24,828	88	83	13 074	1 845,101	6 756,080	3,662	3,200
39	34	96 972	40 717,284	1 012 715,456	24,872	24,410	89	84	10 380	1 432,768	4 910,979	3,428	2,966
40	35	96 819	39 758,418	971 998,173	24,448	23,986	90	85	8 033	1 084,330	3 478,210	3,208	2,746
41	36	96 646	38 813,978	932 239,754	24,018	23,556	91	86	6 100	805,285	2 393,880	2,973	2,511
42	37	96 457	37 885,819	893 425,777	23,582	23,120	92	87	4 440	573,279	1 588,595	2,771	2,309
43	38	96 251	36 972,912	855 539,957	23,140	22,678	93	88	3 077	388,544	1 015,316	2,613	2,151
44	39	96 009	36 068,512	818 567,045	22,695	22,233	94	89	2 061	254,492	626,772	2,463	2,001
45	40	95 738	35 175,006	782 498,534	22,246	21,784	95	90	1 324	159,953	372,280	2,327	1,865
46	41	95 439	34 293,597	747 323,528	21,792	21,330	96	91	821	96,984	212,327	2,189	1,727
47	42	95 097	33 418,796	713 029,931	21,336	20,874	97	92	481	55,537	115,343	2,077	1,615
48	43	94 713	32 551,498	679 611,135	20,878	20,416	98	93	268	30,308	59,806	1,973	1,511
49	44	94 279	31 689,297	647 059,637	20,419	19,957	99	94	142	15,695	29,498	1,880	1,417
							100	95	71	7,692	13,804	1,795	1,333

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	30 871,253	619 665,743	20,073	19,611
1							51	45	93 405	30 028,961	588 794,490	19,608	19,146
2							52	46	92 831	29 187,648	558 765,529	19,144	18,682
3							53	47	92 199	28 351,203	529 577,881	18,679	18,217
4							54	48	91 511	27 520,413	501 226,678	18,213	17,751
5							55	49	90 756	26 692,803	473 706,264	17,747	17,285
6	0	99 498	87 063,439	3 056 413,500	35,106	34,644	56	50	89 942	25 871,105	447 013,461	17,278	16,816
7	1	99 170	84 866,230	2 969 350,061	34,989	34,527	57	51	89 063	25 054,661	421 142,356	16,809	16,347
8	2	99 132	82 967,134	2 884 483,831	34,767	34,305	58	52	88 134	24 247,634	396 087,695	16,335	15,873
9	3	99 106	81 120,570	2 801 516,697	34,535	34,073	59	53	87 112	23 439,249	371 840,061	15,864	15,402
10	4	99 083	79 317,336	2 720 396,127	34,298	33,836	60	54	86 014	22 634,468	348 400,812	15,392	14,930
11	5	99 063	77 555,734	2 641 078,791	34,054	33,592	61	55	84 831	21 831,903	325 766,343	14,922	14,460
12	6	99 044	75 834,894	2 563 523,057	33,804	33,342	62	56	83 575	21 035,508	303 934,441	14,449	13,987
13	7	99 026	74 152,454	2 487 688,163	33,548	33,086	63	57	82 235	20 242,633	282 898,933	13,975	13,513
14	8	99 009	72 508,330	2 413 535,710	33,286	32,824	64	58	80 820	19 456,572	262 656,299	13,500	13,038
15	9	98 986	70 896,694	2 341 027,380	33,020	32,558	65	59	79 295	18 669,426	243 199,728	13,027	12,565
16	10	98 960	69 318,369	2 270 130,686	32,749	32,287	66	60	77 686	17 888,137	224 530,302	12,552	12,090
17	11	98 923	67 767,464	2 200 812,317	32,476	32,014	67	61	75 973	17 108,808	206 642,165	12,078	11,616
18	12	98 881	66 248,357	2 133 044,852	32,198	31,736	68	62	74 180	16 337,267	189 533,357	11,601	11,139
19	13	98 819	64 749,599	2 066 796,495	31,920	31,458	69	63	72 266	15 565,480	173 196,089	11,127	10,665
20	14	98 755	63 284,034	2 002 046,896	31,636	31,174	70	64	70 232	14 794,564	157 630,609	10,655	10,193
21	15	98 684	61 846,845	1 938 762,862	31,348	30,886	71	65	68 082	14 026,043	142 836,045	10,184	9,722
22	16	98 615	60 443,607	1 876 916,018	31,052	30,590	72	66	65 809	13 259,567	128 810,002	9,714	9,252
23	17	98 544	59 070,794	1 816 472,410	30,751	30,289	73	67	63 370	12 487,052	115 550,434	9,254	8,792
24	18	98 472	57 728,995	1 757 401,616	30,442	29,980	74	68	60 785	11 714,154	103 063,382	8,798	8,336
25	19	98 394	56 413,822	1 699 672,621	30,129	29,667	75	69	58 017	10 934,700	91 349,228	8,354	7,892
26	20	98 314	55 127,885	1 643 258,799	29,808	29,346	76	70	55 102	10 156,690	80 414,528	7,917	7,455
27	21	98 234	53 870,507	1 588 130,914	29,481	29,019	77	71	52 039	9 381,079	70 257,838	7,489	7,027
28	22	98 150	52 640,366	1 534 260,407	29,146	28,684	78	72	48 793	8 602,355	60 876,759	7,077	6,615
29	23	98 067	51 438,295	1 481 620,041	28,804	28,342	79	73	45 365	7 822,049	52 274,403	6,683	6,221
30	24	97 982	50 262,601	1 430 181,746	28,454	27,992	80	74	41 878	7 061,887	44 452,354	6,295	5,833
31	25	97 894	49 112,755	1 379 919,145	28,097	27,635	81	75	38 280	6 313,113	37 390,468	5,923	5,461
32	26	97 800	47 985,736	1 330 806,390	27,733	27,271	82	76	34 625	5 584,695	31 077,355	5,565	5,103
33	27	97 701	46 882,251	1 282 820,655	27,363	26,901	83	77	30 969	4 885,026	25 492,660	5,219	4,757
34	28	97 605	45 805,486	1 235 938,404	26,982	26,520	84	78	27 357	4 220,302	20 607,634	4,883	4,421
35	29	97 500	44 749,720	1 190 132,918	26,595	26,133	85	79	23 795	3 590,029	16 387,332	4,565	4,103
36	30	97 389	43 715,000	1 145 383,197	26,201	25,739	86	80	20 318	2 998,024	12 797,303	4,269	3,807
37	31	97 273	42 702,335	1 101 668,197	25,799	25,337	87	81	16 995	2 452,501	9 799,279	3,996	3,534
38	32	97 146	41 707,825	1 058 965,862	25,390	24,928	88	82	13 862	1 956,355	7 346,777	3,755	3,293
39	33	97 007	40 732,020	1 017 258,038	24,974	24,512	89	83	11 101	1 532,306	5 390,422	3,518	3,056
40	34	96 859	39 774,560	976 526,017	24,552	24,090	90	84	8 674	1 170,965	3 858,117	3,295	2,833
41	35	96 687	38 830,525	936 751,458	24,124	23,662	91	85	6 669	880,377	2 687,152	3,052	2,590
42	36	96 502	37 903,494	897 920,932	23,690	23,228	92	86	4 915	634,613	1 806,774	2,847	2,385
43	37	96 302	36 992,396	860 017,438	23,248	22,786	93	87	3 476	438,865	1 172,161	2,671	2,209
44	38	96 066	36 089,789	823 025,042	22,805	22,343	94	88	2 356	291,002	733,296	2,520	2,058
45	39	95 805	35 199,760	786 935,253	22,356	21,894	95	89	1 540	185,942	442,295	2,379	1,917
46	40	95 507	34 318,059	751 735,493	21,905	21,443	96	90	964	113,857	256,352	2,252	1,790
47	41	95 176	33 446,589	717 417,434	21,450	20,988	97	91	581	67,166	142,495	2,122	1,660
48	42	94 803	32 582,319	683 970,845	20,992	20,530	98	92	331	37,370	75,329	2,016	1,554
49	43	94 379	31 722,782	651 388,526	20,534	20,072	99	93	179	19,789	37,959	1,918	1,456
							100	94	92	9,930	18,170	1,830	1,368



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	30 903,874	623 614,636	20,179	19,717
1							51	44	93 511	30 062,957	592 710,762	19,716	19,254
2							52	45	92 956	29 227,180	562 647,805	19,251	18,789
3							53	46	92 342	28 395,241	533 420,625	18,786	18,324
4							54	47	91 670	27 568,256	505 025,383	18,319	17,857
5							55	48	90 925	26 742,356	477 457,127	17,854	17,392
6							56	49	90 130	25 925,343	450 714,771	17,385	16,923
7	0	99 488	85 138,641	2 974 101,883	34,932	34,470	57	50	89 272	25 113,337	424 789,429	16,915	16,453
8	1	99 160	82 990,731	2 888 963,243	34,811	34,349	58	51	88 354	24 308,181	399 676,091	16,442	15,980
9	2	99 122	81 133,650	2 805 972,512	34,585	34,123	59	52	87 354	23 504,376	375 367,911	15,970	15,508
10	3	99 098	79 328,710	2 724 838,862	34,349	33,887	60	53	86 276	22 703,468	351 863,535	15,498	15,036
11	4	99 075	77 565,030	2 645 510,151	34,107	33,645	61	54	85 102	21 901,685	329 160,067	15,029	14,567
12	5	99 053	75 841,754	2 567 945,121	33,859	33,397	62	55	83 877	21 111,457	307 258,382	14,554	14,092
13	6	99 034	74 158,400	2 492 103,367	33,605	33,143	63	56	82 548	20 319,704	286 146,925	14,082	13,620
14	7	99 017	72 514,388	2 417 944,967	33,344	32,882	64	57	81 155	19 537,188	265 827,221	13,606	13,144
15	8	98 993	70 901,097	2 345 430,579	33,080	32,618	65	58	79 658	18 754,942	246 290,033	13,132	12,670
16	9	98 967	69 322,770	2 274 529,482	32,811	32,349	66	59	78 059	17 974,023	227 535,091	12,659	12,197
17	10	98 931	67 772,924	2 205 206,711	32,538	32,076	67	60	76 391	17 202,871	209 561,069	12,182	11,720
18	11	98 889	66 253,619	2 137 433,787	32,261	31,799	68	61	74 604	16 430,683	192 358,197	11,707	11,245
19	12	98 826	64 754,563	2 071 180,168	31,985	31,523	69	62	72 722	15 663,767	175 927,514	11,231	10,769
20	13	98 765	63 290,260	2 006 425,605	31,702	31,240	70	63	70 703	14 893,886	160 263,747	10,760	10,298
21	14	98 696	61 854,502	1 943 135,346	31,415	30,953	71	64	68 575	14 127,703	145 369,860	10,290	9,828
22	15	98 628	60 451,802	1 881 280,844	31,120	30,658	72	65	66 323	13 363,030	131 242,157	9,821	9,359
23	16	98 560	59 080,292	1 820 829,041	30,820	30,358	73	66	63 895	12 590,544	117 879,127	9,363	8,900
24	17	98 489	57 739,130	1 761 748,749	30,512	30,050	74	67	61 338	11 820,773	105 288,583	8,907	8,445
25	18	98 415	56 426,148	1 704 009,619	30,199	29,737	75	68	58 591	11 042,866	93 467,810	8,464	8,002
26	19	98 336	55 139,744	1 647 583,471	29,880	29,418	76	69	55 713	10 269,321	82 424,944	8,026	7,564
27	20	98 254	53 881,876	1 592 443,728	29,554	29,092	77	70	52 668	9 494,522	72 155,624	7,600	7,138
28	21	98 172	52 651,747	1 538 561,852	29,221	28,759	78	71	49 453	8 718,689	62 661,102	7,187	6,725
29	22	98 090	51 450,118	1 485 910,106	28,881	28,419	79	72	46 078	7 944,999	53 942,413	6,789	6,327
30	23	98 004	50 274,036	1 434 459,988	28,533	28,071	80	73	42 617	7 186,467	45 997,414	6,401	5,939
31	24	97 916	49 123,923	1 384 185,952	28,177	27,715	81	74	39 034	6 437,512	38 810,947	6,029	5,567
32	25	97 822	47 996,431	1 335 062,029	27,816	27,354	82	75	35 414	5 711,964	32 373,435	5,668	5,206
33	26	97 727	46 894,779	1 287 065,598	27,446	26,984	83	76	31 774	5 012,071	26 661,472	5,319	4,857
34	27	97 630	45 817,313	1 240 170,818	27,068	26,606	84	77	28 172	4 346,141	21 649,401	4,981	4,519
35	28	97 526	44 761,347	1 194 353,505	26,683	26,221	85	78	24 613	3 713,535	17 303,260	4,660	4,197
36	29	97 416	43 727,129	1 149 592,159	26,290	25,828	86	79	21 111	3 114,994	13 589,725	4,363	3,901
37	30	97 300	42 714,057	1 105 865,030	25,890	25,428	87	80	17 765	2 563,697	10 474,731	4,086	3,624
38	31	97 177	41 721,427	1 063 150,973	25,482	25,020	88	81	14 584	2 058,229	7 911,034	3,844	3,382
39	32	97 041	40 746,132	1 021 429,546	25,068	24,606	89	82	11 771	1 624,699	5 852,806	3,602	3,140
40	33	96 894	39 788,955	980 683,414	24,647	24,185	90	83	9 277	1 252,314	4 228,107	3,376	2,914
41	34	96 727	38 846,290	940 894,459	24,221	23,759	91	84	7 201	950,717	2 975,792	3,130	2,668
42	35	96 544	37 919,654	902 048,169	23,788	23,326	92	85	5 373	693,790	2 025,076	2,919	2,457
43	36	96 347	37 009,654	864 128,515	23,349	22,887	93	86	3 847	485,819	1 331,285	2,740	2,278
44	37	96 117	36 108,808	827 118,861	22,906	22,444	94	87	2 662	328,690	845,467	2,572	2,110
45	38	95 862	35 220,525	791 010,053	22,459	21,997	95	88	1 760	212,618	516,777	2,431	1,969
46	39	95 574	34 342,210	755 789,528	22,008	21,546	96	89	1 121	132,357	304,159	2,298	1,836
47	40	95 244	33 470,446	721 447,318	21,555	21,093	97	90	683	78,851	171,803	2,179	1,717
48	41	94 882	32 609,417	687 976,871	21,097	20,635	98	91	400	45,195	92,951	2,057	1,595
49	42	94 468	31 752,819	655 367,454	20,640	20,178	99	92	221	24,400	47,756	1,957	1,495
							100	93	116	12,520	23,356	1,866	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	30 933,135	627 240,673	20,277	19,815
1							51	43	93 609	30 094,724	596 307,539	19,814	19,352
2							52	44	93 062	29 260,268	566 212,815	19,351	18,889
3							53	45	92 468	28 433,700	536 952,547	18,884	18,422
4							54	46	91 813	27 611,078	508 518,847	18,417	17,955
5							55	47	91 083	26 788,846	480 907,769	17,952	17,490
6							56	48	90 297	25 973,471	454 118,923	17,484	17,022
7							57	49	89 459	25 165,986	428 145,452	17,013	16,551
8	0	99 478	83 257,122	2 893 344,542	34,752	34,290	58	50	88 561	24 365,109	402 979,466	16,539	16,077
9	1	99 150	81 156,726	2 810 087,420	34,625	34,163	59	51	87 572	23 563,066	378 614,357	16,068	15,606
10	2	99 114	79 341,502	2 728 930,695	34,395	33,933	60	52	86 516	22 766,551	355 051,291	15,595	15,133
11	3	99 089	77 576,154	2 649 589,193	34,155	33,693	61	53	85 361	21 968,451	332 284,740	15,126	14,664
12	4	99 065	75 850,845	2 572 013,039	33,909	33,447	62	54	84 145	21 178,937	310 316,289	14,652	14,190
13	5	99 043	74 165,109	2 496 162,195	33,657	33,195	63	55	82 846	20 393,069	289 137,353	14,178	13,716
14	6	99 025	72 520,202	2 421 997,086	33,398	32,936	64	56	81 464	19 611,572	268 744,284	13,703	13,241
15	7	99 001	70 907,021	2 349 476,884	33,135	32,673	65	57	79 988	18 832,651	249 132,712	13,229	12,767
16	8	98 973	69 327,076	2 278 569,863	32,867	32,405	66	58	78 417	18 056,354	230 300,061	12,755	12,293
17	9	98 937	67 777,227	2 209 242,786	32,596	32,134	67	59	76 758	17 285,468	212 243,708	12,279	11,817
18	10	98 897	66 258,957	2 141 465,559	32,320	31,858	68	60	75 014	16 521,018	194 958,240	11,801	11,339
19	11	98 834	64 759,706	2 075 206,603	32,045	31,583	69	61	73 138	15 753,332	178 437,222	11,327	10,865
20	12	98 773	63 295,112	2 010 446,896	31,763	31,301	70	62	71 150	14 987,932	162 683,890	10,854	10,392
21	13	98 706	61 860,587	1 947 151,785	31,476	31,014	71	63	69 036	14 222,548	147 695,957	10,385	9,923
22	14	98 641	60 459,287	1 885 291,198	31,183	30,721	72	64	66 804	13 459,885	133 473,409	9,916	9,454
23	15	98 573	59 088,302	1 824 831,911	30,883	30,421	73	65	64 394	12 688,786	120 013,525	9,458	8,996
24	16	98 505	57 748,414	1 765 743,609	30,576	30,114	74	66	61 847	11 918,742	107 324,739	9,005	8,543
25	17	98 433	56 436,054	1 707 995,195	30,264	29,802	75	67	59 124	11 143,375	95 405,997	8,562	8,100
26	18	98 357	55 151,791	1 651 559,140	29,946	29,484	76	68	56 264	10 370,905	84 262,621	8,125	7,663
27	19	98 276	53 893,466	1 596 407,349	29,622	29,160	77	69	53 252	9 599,809	73 891,716	7,697	7,235
28	20	98 192	52 662,858	1 542 513,884	29,290	28,828	78	70	50 051	8 824,121	64 291,907	7,286	6,824
29	21	98 111	51 461,241	1 489 851,026	28,951	28,489	79	71	46 701	8 052,443	55 467,786	6,888	6,426
30	22	98 026	50 285,591	1 438 389,785	28,604	28,142	80	72	43 287	7 299,427	47 415,343	6,496	6,034
31	23	97 939	49 135,099	1 388 104,194	28,251	27,789	81	73	39 723	6 551,077	40 115,916	6,124	5,662
32	24	97 844	48 007,346	1 338 969,094	27,891	27,429	82	74	36 112	5 824,517	33 564,839	5,763	5,301
33	25	97 749	46 905,232	1 290 961,748	27,523	27,061	83	75	32 498	5 126,290	27 740,322	5,411	4,949
34	26	97 656	45 829,557	1 244 056,517	27,145	26,683	84	76	28 905	4 459,171	22 614,031	5,071	4,609
35	27	97 551	44 772,904	1 198 226,960	26,762	26,300	85	77	25 347	3 824,263	18 154,861	4,747	4,285
36	28	97 441	43 738,489	1 153 454,056	26,372	25,910	86	78	21 837	3 222,157	14 330,597	4,448	3,986
37	29	97 327	42 725,908	1 109 715,567	25,973	25,511	87	79	18 459	2 663,722	11 108,440	4,170	3,708
38	30	97 204	41 732,880	1 066 989,660	25,567	25,105	88	80	15 245	2 151,548	8 444,719	3,925	3,463
39	31	97 073	40 759,421	1 025 256,780	25,154	24,692	89	81	12 384	1 709,302	6 293,171	3,682	3,220
40	32	96 927	39 802,740	984 497,359	24,734	24,272	90	82	9 836	1 327,825	4 583,869	3,452	2,990
41	33	96 762	38 860,349	944 694,618	24,310	23,848	91	83	7 702	1 016,765	3 256,044	3,202	2,740
42	34	96 583	37 935,049	905 834,269	23,879	23,417	92	84	5 803	749,222	2 239,279	2,989	2,527
43	35	96 388	37 025,433	867 899,220	23,441	22,979	93	85	4 206	531,121	1 490,057	2,805	2,343
44	36	96 162	36 125,654	830 873,788	23,000	22,538	94	86	2 946	363,856	958,936	2,635	2,173
45	37	95 912	35 239,086	794 748,134	22,553	22,091	95	87	1 988	240,154	595,080	2,478	2,016
46	38	95 631	34 362,469	759 509,048	22,103	21,641	96	88	1 281	151,345	354,926	2,345	1,883
47	39	95 311	33 494,001	725 146,579	21,650	21,188	97	89	793	91,663	203,582	2,221	1,759
48	40	94 949	32 632,677	691 652,577	21,195	20,733	98	90	470	53,059	111,918	2,109	1,647
49	41	94 547	31 779,226	659 019,900	20,737	20,275	99	91	267	29,509	58,860	1,995	1,533
							100	92	143	15,437	29,351	1,901	1,439

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	30 958,861	630 566,526	20,368	19,906
1							51	42	93 698	30 123,219	599 607,665	19,905	19,443
2							52	43	93 160	29 291,186	569 484,447	19,442	18,980
3							53	44	92 572	28 465,890	540 193,260	18,977	18,515
4							54	45	91 937	27 648,475	511 727,370	18,508	18,046
5							55	46	91 224	26 830,458	484 078,896	18,042	17,580
6							56	47	90 454	26 018,624	457 248,438	17,574	17,112
7							57	48	89 625	25 212,705	431 229,815	17,104	16,642
8							58	49	88 746	24 416,189	406 017,110	16,629	16,167
9	0	99 469	81 417,229	2 814 125,517	34,564	34,102	59	50	87 778	23 618,249	381 600,921	16,157	15,695
10	1	99 142	79 364,067	2 732 708,287	34,433	33,971	60	51	86 732	22 823,399	357 982,671	15,685	15,223
11	2	99 105	77 588,662	2 653 344,220	34,198	33,736	61	52	85 599	22 029,491	335 159,272	15,214	14,752
12	3	99 079	75 861,722	2 575 755,557	33,953	33,491	62	53	84 402	21 243,499	313 129,781	14,740	14,278
13	4	99 055	74 173,998	2 499 893,835	33,703	33,241	63	54	83 111	20 458,252	291 886,282	14,267	13,805
14	5	99 034	72 526,763	2 425 719,837	33,446	32,984	64	55	81 758	19 682,380	271 428,030	13,790	13,328
15	6	99 009	70 912,707	2 353 193,074	33,184	32,722	65	56	80 293	18 904,353	251 745,650	13,317	12,855
16	7	98 981	69 332,869	2 282 280,367	32,918	32,456	66	57	78 742	18 131,168	232 841,297	12,842	12,380
17	8	98 943	67 781,437	2 212 947,498	32,648	32,186	67	58	77 110	17 364,644	214 710,130	12,365	11,903
18	9	98 904	66 263,163	2 145 166,062	32,373	31,911	68	59	75 374	16 600,341	197 345,485	11,888	11,426
19	10	98 842	64 764,924	2 078 902,898	32,099	31,637	69	60	73 540	15 839,943	180 745,145	11,411	10,949
20	11	98 780	63 300,139	2 014 137,974	31,819	31,357	70	61	71 557	15 073,633	164 905,202	10,940	10,478
21	12	98 714	61 865,329	1 950 837,835	31,534	31,072	71	62	69 471	14 312,355	149 831,569	10,469	10,007
22	13	98 650	60 465,235	1 888 972,506	31,241	30,779	72	63	67 252	13 550,246	135 519,214	10,001	9,539
23	14	98 585	59 095,618	1 828 507,271	30,942	30,479	73	64	64 860	12 780,754	121 968,967	9,543	9,081
24	15	98 519	57 756,243	1 769 411,653	30,636	30,174	74	65	62 329	12 011,742	109 188,214	9,090	8,628
25	16	98 449	56 445,129	1 711 655,410	30,324	29,862	75	66	59 614	11 235,730	97 176,471	8,649	8,187
26	17	98 374	55 161,474	1 655 210,281	30,007	29,545	76	67	56 776	10 465,298	85 940,741	8,212	7,750
27	18	98 297	53 905,241	1 600 048,808	29,683	29,221	77	68	53 779	9 694,771	75 475,443	7,785	7,323
28	19	98 213	52 674,186	1 546 143,567	29,353	28,891	78	69	50 606	8 921,974	65 780,672	7,373	6,911
29	20	98 131	51 472,101	1 493 469,381	29,015	28,553	79	70	47 266	8 149,819	56 858,698	6,977	6,515
30	21	98 048	50 296,463	1 441 997,280	28,670	28,208	80	71	43 872	7 398,140	48 708,879	6,584	6,122
31	22	97 961	49 146,393	1 391 700,818	28,317	27,855	81	72	40 347	6 654,050	41 310,739	6,208	5,746
32	23	97 866	48 018,268	1 342 554,425	27,959	27,497	82	73	36 749	5 927,269	34 656,689	5,847	5,385
33	24	97 771	46 915,898	1 294 536,157	27,593	27,131	83	74	33 139	5 227,303	28 729,421	5,496	5,034
34	25	97 678	45 839,772	1 247 620,259	27,217	26,755	84	75	29 564	4 560,790	23 502,117	5,153	4,691
35	26	97 577	44 784,868	1 201 780,487	26,835	26,373	85	76	26 006	3 923,721	18 941,327	4,827	4,365
36	27	97 466	43 749,782	1 156 995,618	26,446	25,984	86	77	22 488	3 318,234	15 017,606	4,526	4,064
37	28	97 352	42 737,008	1 113 245,836	26,049	25,587	87	78	19 094	2 755,360	11 699,372	4,246	3,784
38	29	97 231	41 744,458	1 070 508,828	25,644	25,182	88	79	15 840	2 235,492	8 944,013	4,001	3,539
39	30	97 099	40 770,610	1 028 764,370	25,233	24,771	89	80	12 945	1 786,801	6 708,521	3,754	3,292
40	31	96 959	39 815,721	987 993,760	24,814	24,352	90	81	10 349	1 396,969	4 921,719	3,523	3,061
41	32	96 795	38 873,813	948 178,039	24,391	23,929	91	82	8 166	1 078,073	3 524,750	3,269	2,807
42	33	96 618	37 948,779	909 304,226	23,961	23,499	92	83	6 206	801,272	2 446,678	3,053	2,591
43	34	96 427	37 040,464	871 355,447	23,524	23,062	93	84	4 542	573,556	1 645,406	2,869	2,407
44	35	96 203	36 141,055	834 314,983	23,085	22,623	94	85	3 221	397,785	1 071,850	2,695	2,233
45	36	95 957	35 255,526	798 173,927	22,640	22,178	95	86	2 201	265,848	674,065	2,536	2,074
46	37	95 681	34 380,578	762 918,402	22,190	21,728	96	87	1 447	170,946	408,217	2,388	1,926
47	38	95 367	33 513,760	728 537,824	21,738	21,276	97	88	907	104,813	237,271	2,264	1,802
48	39	95 016	32 655,643	695 024,064	21,283	20,821	98	89	546	61,679	132,458	2,148	1,686
49	40	94 614	31 801,895	662 368,421	20,828	20,366	99	90	314	34,643	70,779	2,043	1,581
							100	91	173	18,670	36,136	1,936	1,473

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	30 980,944	633 613,709	20,452	19,990
1							51	41	93 776	30 148,271	602 632,765	19,989	19,527
2							52	42	93 248	29 318,921	572 484,494	19,526	19,064
3							53	43	92 670	28 495,969	543 165,573	19,061	18,599
4							54	44	92 041	27 679,776	514 669,605	18,594	18,132
5							55	45	91 348	26 866,797	486 989,829	18,126	17,664
6							56	46	90 595	26 059,039	460 123,033	17,657	17,195
7							57	47	89 781	25 256,535	434 063,994	17,186	16,724
8							58	48	88 911	24 461,516	408 807,458	16,712	16,250
9							59	49	87 962	23 667,764	384 345,943	16,239	15,777
10	0	99 460	79 618,817	2 736 429,344	34,369	33,907	60	50	86 935	22 876,850	360 678,179	15,766	15,304
11	1	99 133	77 610,730	2 656 810,527	34,233	33,771	61	51	85 812	22 084,499	337 801,329	15,296	14,834
12	2	99 095	75 873,954	2 579 199,798	33,993	33,531	62	52	84 636	21 302,525	315 716,830	14,821	14,359
13	3	99 069	74 184,635	2 503 325,844	33,745	33,283	63	53	83 364	20 520,618	294 414,305	14,347	13,885
14	4	99 046	72 535,456	2 429 141,208	33,489	33,027	64	54	82 019	19 745,292	273 893,687	13,871	13,409
15	5	99 018	70 919,122	2 356 605,752	33,229	32,767	65	55	80 583	18 972,607	254 148,396	13,396	12,934
16	6	98 989	69 338,428	2 285 686,630	32,964	32,502	66	56	79 041	18 200,199	235 175,788	12,922	12,460
17	7	98 952	67 787,100	2 216 348,202	32,696	32,234	67	57	77 429	17 436,592	216 975,589	12,444	11,982
18	8	98 910	66 267,279	2 148 561,102	32,423	31,961	68	58	75 719	16 676,379	199 538,997	11,965	11,503
19	9	98 849	64 769,036	2 082 293,822	32,150	31,688	69	59	73 893	15 915,995	182 862,618	11,489	11,027
20	10	98 788	63 305,239	2 017 524,787	31,870	31,408	70	60	71 950	15 156,507	166 946,622	11,015	10,553
21	11	98 721	61 870,243	1 954 219,548	31,586	31,124	71	61	69 869	14 394,193	151 790,115	10,545	10,083
22	12	98 658	60 469,870	1 892 349,305	31,294	30,832	72	62	67 677	13 635,808	137 395,922	10,076	9,614
23	13	98 595	59 101,432	1 831 879,435	30,996	30,534	73	63	65 296	12 866,556	123 760,115	9,619	9,157
24	14	98 531	57 763,394	1 772 778,003	30,690	30,228	74	64	62 781	12 098,803	110 893,559	9,166	8,704
25	15	98 462	56 452,781	1 715 014,609	30,380	29,918	75	65	60 079	11 323,401	98 794,756	8,725	8,263
26	16	98 390	55 170,343	1 658 561,827	30,063	29,601	76	66	57 246	10 552,033	87 471,354	8,290	7,828
27	17	98 314	53 914,705	1 603 391,484	29,739	29,277	77	67	54 269	9 783,010	76 919,321	7,863	7,401
28	18	98 235	52 685,694	1 549 476,780	29,410	28,948	78	68	51 106	9 010,231	67 136,311	7,451	6,989
29	19	98 153	51 483,173	1 496 791,085	29,073	28,611	79	69	47 790	8 240,194	58 126,080	7,054	6,592
30	20	98 068	50 307,077	1 445 307,913	28,730	28,268	80	70	44 403	7 487,603	49 885,886	6,662	6,200
31	21	97 982	49 157,018	1 395 000,836	28,378	27,916	81	71	40 893	6 744,035	42 398,282	6,287	5,825
32	22	97 889	48 029,305	1 345 843,818	28,021	27,559	82	72	37 327	6 020,436	35 654,247	5,922	5,460
33	23	97 793	46 926,572	1 297 814,513	27,656	27,194	83	73	33 723	5 319,519	29 633,811	5,571	5,109
34	24	97 700	45 850,196	1 250 887,941	27,282	26,820	84	74	30 146	4 650,660	24 314,292	5,228	4,766
35	25	97 599	44 794,851	1 205 037,745	26,901	26,439	85	75	26 599	4 013,138	19 663,632	4,900	4,438
36	26	97 493	43 761,473	1 160 242,894	26,513	26,051	86	76	23 073	3 404,531	15 650,494	4,597	4,135
37	27	97 378	42 748,042	1 116 481,421	26,118	25,656	87	77	19 663	2 837,518	12 245,963	4,316	3,854
38	28	97 256	41 755,304	1 073 733,379	25,715	25,253	88	78	16 385	2 312,398	9 408,445	4,069	3,607
39	29	97 126	40 781,921	1 031 978,075	25,305	24,843	89	79	13 450	1 856,514	7 096,047	3,822	3,360
40	30	96 985	39 826,651	991 196,154	24,888	24,426	90	80	10 818	1 460,307	5 239,533	3,588	3,126
41	31	96 827	38 886,491	951 369,502	24,465	24,003	91	81	8 591	1 134,211	3 779,225	3,332	2,870
42	32	96 651	37 961,926	912 483,011	24,037	23,575	92	82	6 580	849,586	2 645,014	3,113	2,651
43	33	96 462	37 053,870	874 521,085	23,601	23,139	93	83	4 858	613,402	1 795,428	2,927	2,465
44	34	96 242	36 155,728	837 467,215	23,163	22,701	94	84	3 478	429,567	1 182,026	2,752	2,290
45	35	95 998	35 270,557	801 311,487	22,719	22,257	95	85	2 406	290,638	752,459	2,589	2,127
46	36	95 726	34 396,617	766 040,930	22,271	21,809	96	86	1 602	189,235	461,821	2,440	1,978
47	37	95 417	33 531,421	731 644,313	21,820	21,358	97	87	1 025	118,388	272,586	2,302	1,840
48	38	95 072	32 674,907	698 112,892	21,365	20,903	98	88	624	70,528	154,199	2,186	1,724
49	39	94 681	31 824,275	665 437,984	20,910	20,448	99	89	364	40,272	83,671	2,078	1,616
							100	90	203	21,918	43,399	1,980	1,518

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	31 002,747	636 405,915	20,527	20,065
1							51	40	93 843	30 169,776	605 403,168	20,067	19,605
2							52	41	93 326	29 343,304	575 233,392	19,604	19,142
3							53	42	92 758	28 522,950	545 890,087	19,139	18,677
4							54	43	92 138	27 709,024	517 367,138	18,671	18,209
5							55	44	91 451	26 897,213	489 658,114	18,205	17,743
6							56	45	90 718	26 094,333	462 760,901	17,734	17,272
7							57	46	89 920	25 295,767	436 666,568	17,262	16,800
8							58	47	89 066	24 504,040	411 370,801	16,788	16,326
9							59	48	88 125	23 711,701	386 866,761	16,315	15,853
10							60	49	87 117	22 924,810	363 155,060	15,841	15,379
11	0	99 451	77 859,851	2 660 239,408	34,167	33,705	61	50	86 013	22 136,219	340 230,250	15,370	14,908
12	1	99 123	75 895,534	2 582 379,557	34,025	33,563	62	51	84 848	21 355,718	318 094,031	14,895	14,433
13	2	99 085	74 196,597	2 506 484,023	33,782	33,320	63	52	83 596	20 577,635	296 738,313	14,420	13,958
14	3	99 060	72 545,858	2 432 287,426	33,528	33,066	64	53	82 269	19 805,484	276 160,678	13,944	13,482
15	4	99 030	70 927,623	2 359 741,568	33,270	32,808	65	54	80 840	19 033,250	256 355,194	13,469	13,007
16	5	98 998	69 344,701	2 288 813,945	33,006	32,544	66	55	79 327	18 265,911	237 321,943	12,993	12,531
17	6	98 960	67 792,535	2 219 469,244	32,739	32,277	67	56	77 724	17 502,979	219 056,032	12,515	12,053
18	7	98 918	66 272,816	2 151 676,709	32,467	32,005	68	57	76 033	16 745,476	201 553,053	12,036	11,574
19	8	98 855	64 773,059	2 085 403,893	32,196	31,734	69	58	74 231	15 988,899	184 807,577	11,558	11,096
20	9	98 795	63 309,258	2 020 630,834	31,917	31,455	70	59	72 296	15 229,278	168 818,678	11,085	10,623
21	10	98 729	61 875,228	1 957 321,576	31,633	31,171	71	60	70 253	14 473,331	153 589,401	10,612	10,150
22	11	98 666	60 474,673	1 895 446,348	31,343	30,881	72	61	68 064	13 713,777	139 116,069	10,144	9,682
23	12	98 602	59 105,962	1 834 971,675	31,045	30,583	73	62	65 708	12 947,801	125 402,292	9,685	9,223
24	13	98 541	57 769,077	1 775 865,713	30,741	30,279	74	63	63 202	12 180,027	112 454,491	9,233	8,771
25	14	98 474	56 459,771	1 718 096,636	30,430	29,968	75	64	60 515	11 405,473	100 274,464	8,792	8,330
26	15	98 404	55 177,823	1 661 636,865	30,114	29,652	76	65	57 693	10 634,369	88 868,991	8,357	7,895
27	16	98 330	53 923,373	1 606 459,042	29,792	29,330	77	66	54 718	9 864,090	78 234,622	7,931	7,469
28	17	98 252	52 694,944	1 552 535,668	29,463	29,001	78	67	51 571	9 092,239	68 370,532	7,520	7,058
29	18	98 174	51 494,421	1 499 840,724	29,126	28,664	79	68	48 263	8 321,706	59 278,292	7,123	6,661
30	19	98 089	50 317,898	1 448 346,303	28,784	28,322	80	69	44 895	7 570,636	50 956,586	6,731	6,269
31	20	98 003	49 167,392	1 398 028,405	28,434	27,972	81	70	41 387	6 825,589	43 385,950	6,356	5,894
32	21	97 910	48 039,688	1 348 861,013	28,078	27,616	82	71	37 832	6 101,853	36 560,361	5,992	5,530
33	22	97 816	46 937,358	1 300 821,325	27,714	27,252	83	72	34 253	5 403,134	30 458,508	5,637	5,175
34	23	97 722	45 860,627	1 253 883,967	27,341	26,879	84	73	30 678	4 732,703	25 055,375	5,294	4,832
35	24	97 621	44 805,037	1 208 023,340	26,962	26,500	85	74	27 123	4 092,216	20 322,671	4,966	4,504
36	25	97 514	43 771,228	1 163 218,302	26,575	26,113	86	75	23 599	3 482,117	16 230,455	4,661	4,199
37	26	97 404	42 759,466	1 119 447,075	26,180	25,718	87	76	20 174	2 911,313	12 748,339	4,379	3,917
38	27	97 281	41 766,085	1 076 687,609	25,779	25,317	88	77	16 873	2 381,348	9 837,026	4,131	3,669
39	28	97 152	40 792,517	1 034 921,524	25,370	24,908	89	78	13 913	1 920,383	7 455,677	3,882	3,420
40	29	97 012	39 837,701	994 129,008	24,954	24,492	90	79	11 240	1 517,282	5 535,294	3,648	3,186
41	30	96 853	38 897,166	954 291,307	24,534	24,072	91	80	8 981	1 185,636	4 018,012	3,389	2,927
42	31	96 683	37 974,307	915 394,141	24,106	23,644	92	81	6 923	893,827	2 832,376	3,169	2,707
43	32	96 495	37 066,708	877 419,834	23,671	23,209	93	82	5 151	650,388	1 938,549	2,981	2,519
44	33	96 276	36 168,814	840 353,126	23,234	22,772	94	83	3 720	459,410	1 288,162	2,804	2,342
45	34	96 037	35 284,876	804 184,312	22,791	22,329	95	84	2 599	313,859	828,752	2,641	2,179
46	35	95 766	34 411,282	768 899,436	22,344	21,882	96	85	1 751	206,881	514,893	2,489	2,027
47	36	95 462	33 547,065	734 488,154	21,894	21,432	97	86	1 134	131,054	308,012	2,350	1,888
48	37	95 122	32 692,126	700 941,090	21,441	20,979	98	87	705	79,662	176,958	2,221	1,759
49	38	94 736	31 843,049	668 248,964	20,986	20,524	99	88	417	46,049	97,296	2,113	1,651
							100	89	236	25,479	51,247	2,011	1,549

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	31 021,036	638 962,178	20,598	20,136
1							51	39	93 909	30 191,008	607 941,141	20,136	19,674
2							52	40	93 392	29 364,235	577 750,133	19,675	19,213
3							53	41	92 835	28 546,671	548 385,898	19,210	18,748
4							54	42	92 226	27 735,260	519 839,227	18,743	18,281
5							55	43	91 548	26 925,634	492 103,967	18,276	17,814
6							56	44	90 820	26 123,875	465 178,333	17,807	17,345
7							57	45	90 042	25 330,027	439 054,458	17,333	16,871
8							58	46	89 204	24 542,103	413 724,431	16,858	16,396
9							59	47	88 278	23 752,922	389 182,328	16,385	15,923
10							60	48	87 279	22 967,368	365 429,406	15,911	15,449
11							61	49	86 194	22 182,627	342 462,038	15,438	14,976
12	0	99 442	76 139,150	2 585 539,674	33,958	33,496	62	50	85 046	21 405,731	320 279,411	14,962	14,500
13	1	99 113	74 217,699	2 509 400,524	33,811	33,349	63	51	83 805	20 629,017	298 873,680	14,488	14,026
14	2	99 076	72 557,556	2 435 182,825	33,562	33,100	64	52	82 498	19 860,514	278 244,662	14,010	13,548
15	3	99 044	70 937,794	2 362 625,269	33,306	32,844	65	53	81 087	19 091,272	258 384,148	13,534	13,072
16	4	99 010	69 353,013	2 291 687,475	33,044	32,582	66	54	79 580	18 324,295	239 292,876	13,059	12,597
17	5	98 969	67 798,669	2 222 334,462	32,778	32,316	67	55	78 004	17 566,174	220 968,580	12,579	12,117
18	6	98 926	66 278,130	2 154 535,794	32,507	32,045	68	56	76 323	16 809,231	203 402,406	12,101	11,639
19	7	98 863	64 778,471	2 088 257,664	32,237	31,775	69	57	74 539	16 055,147	186 593,175	11,622	11,160
20	8	98 801	63 313,190	2 023 479,193	31,960	31,498	70	58	72 627	15 299,036	170 538,028	11,147	10,685
21	9	98 736	61 879,156	1 960 166,003	31,677	31,215	71	59	70 590	14 542,822	155 238,992	10,675	10,213
22	10	98 674	60 479,545	1 898 286,846	31,387	30,925	72	60	68 438	13 789,175	140 696,170	10,203	9,741
23	11	98 610	59 110,657	1 837 807,301	31,091	30,629	73	61	66 084	13 021,836	126 906,996	9,746	9,284
24	12	98 548	57 773,506	1 778 696,644	30,787	30,325	74	62	63 602	12 256,937	113 885,160	9,291	8,829
25	13	98 484	56 465,325	1 720 923,138	30,478	30,016	75	63	60 921	11 482,042	101 628,223	8,851	8,389
26	14	98 416	55 184,655	1 664 457,813	30,162	29,700	76	64	58 111	10 711,447	90 146,181	8,416	7,954
27	15	98 343	53 930,684	1 609 273,158	29,840	29,378	77	65	55 145	9 941,058	79 434,734	7,991	7,529
28	16	98 268	52 703,417	1 555 342,474	29,511	29,049	78	66	51 999	9 167,595	69 493,675	7,580	7,118
29	17	98 191	51 503,462	1 502 639,057	29,175	28,713	79	67	48 702	8 397,448	60 326,080	7,184	6,722
30	18	98 111	50 328,892	1 451 135,595	28,833	28,371	80	68	45 339	7 645,525	51 928,632	6,792	6,330
31	19	98 024	49 177,968	1 400 806,704	28,484	28,022	81	69	41 846	6 901,280	44 283,107	6,417	5,955
32	20	97 930	48 049,826	1 351 628,736	28,130	27,668	82	70	38 289	6 175,641	37 381,828	6,053	5,591
33	21	97 837	46 947,505	1 303 578,909	27,767	27,305	83	71	34 716	5 476,202	31 206,187	5,699	5,236
34	22	97 745	45 871,168	1 256 631,404	27,395	26,933	84	72	31 160	4 807,094	25 729,984	5,353	4,890
35	23	97 643	44 815,231	1 210 760,236	27,017	26,555	85	73	27 602	4 164,408	20 922,891	5,024	4,562
36	24	97 536	43 781,181	1 165 945,005	26,631	26,169	86	74	24 064	3 550,731	16 758,483	4,720	4,258
37	25	97 425	42 768,997	1 122 163,824	26,238	25,776	87	75	20 634	2 977,659	13 207,751	4,436	3,974
38	26	97 307	41 777,246	1 079 394,827	25,837	25,375	88	76	17 312	2 443,280	10 230,093	4,187	3,725
39	27	97 177	40 803,049	1 037 617,581	25,430	24,968	89	77	14 328	1 977,644	7 786,813	3,937	3,475
40	28	97 038	39 848,051	996 814,532	25,015	24,553	90	78	11 627	1 569,480	5 809,169	3,701	3,239
41	29	96 880	38 907,958	956 966,481	24,596	24,134	91	79	9 331	1 231,895	4 239,689	3,442	2,980
42	30	96 709	37 984,732	918 058,524	24,169	23,707	92	80	7 237	934,353	3 007,794	3,219	2,757
43	31	96 527	37 078,797	880 073,792	23,735	23,273	93	81	5 419	684,256	2 073,442	3,030	2,568
44	32	96 310	36 181,345	842 994,996	23,299	22,837	94	82	3 944	487,111	1 389,186	2,852	2,390
45	33	96 072	35 297,646	806 813,651	22,857	22,395	95	83	2 779	335,663	902,075	2,687	2,225
46	34	95 805	34 425,252	771 516,005	22,411	21,949	96	84	1 891	223,410	566,412	2,535	2,073
47	35	95 503	33 561,367	737 090,752	21,962	21,500	97	85	1 240	143,275	343,002	2,394	1,932
48	36	95 167	32 707,378	703 529,385	21,510	21,048	98	86	781	88,185	199,727	2,265	1,803
49	37	94 786	31 859,830	670 822,007	21,055	20,593	99	87	471	52,013	111,542	2,145	1,682
							100	88	270	29,135	59,529	2,043	1,581

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	31 037,383	641 301,701	20,662	20,200
1							51	38	93 964	30 208,818	610 264,318	20,202	19,740
2							52	39	93 458	29 384,900	580 055,499	19,740	19,278
3							53	40	92 901	28 567,034	550 670,599	19,276	18,814
4							54	41	92 302	27 758,326	522 103,565	18,809	18,347
5							55	42	91 635	26 951,128	494 345,239	18,342	17,880
6							56	43	90 916	26 151,479	467 394,111	17,873	17,411
7							57	44	90 144	25 358,703	441 242,632	17,400	16,938
8							58	45	89 325	24 575,343	415 883,928	16,923	16,461
9							59	46	88 415	23 789,818	391 308,585	16,449	15,987
10							60	47	87 431	23 007,295	367 518,767	15,974	15,512
11							61	48	86 354	22 223,807	344 511,472	15,502	15,040
12							62	49	85 225	21 450,608	322 287,665	15,025	14,563
13	0	99 431	74 455,930	2 512 313,781	33,742	33,280	63	50	84 001	20 677,329	300 837,058	14,549	14,087
14	1	99 104	72 578,192	2 437 857,851	33,589	33,127	64	51	82 704	19 910,106	280 159,729	14,071	13,609
15	2	99 060	70 949,232	2 365 279,659	33,338	32,876	65	52	81 312	19 144,318	260 249,622	13,594	13,132
16	3	99 024	69 362,958	2 294 330,426	33,077	32,615	66	53	79 823	18 380,156	241 105,304	13,118	12,656
17	4	98 980	67 806,795	2 224 967,468	32,813	32,351	67	54	78 254	17 622,322	222 725,148	12,639	12,177
18	5	98 935	66 284,126	2 157 160,673	32,544	32,082	68	55	76 598	16 869,921	205 102,827	12,158	11,696
19	6	98 871	64 783,665	2 090 876,547	32,275	31,813	69	56	74 823	16 116,274	188 232,905	11,680	11,218
20	7	98 809	63 318,480	2 026 092,882	31,998	31,536	70	57	72 928	15 362,426	172 116,631	11,204	10,742
21	8	98 742	61 883,000	1 962 774,402	31,718	31,255	71	58	70 914	14 609,436	156 754,200	10,730	10,268
22	9	98 680	60 483,385	1 900 891,402	31,428	30,966	72	59	68 767	13 855,381	142 144,770	10,259	9,797
23	10	98 618	59 115,419	1 840 408,017	31,132	30,670	73	60	66 447	13 093,429	128 289,389	9,798	9,336
24	11	98 556	57 778,094	1 781 292,598	30,830	30,368	74	61	63 965	12 327,022	115 195,960	9,345	8,883
25	12	98 491	56 469,654	1 723 514,503	30,521	30,059	75	62	61 306	11 554,545	102 868,938	8,903	8,441
26	13	98 425	55 190,084	1 667 044,849	30,206	29,743	76	63	58 501	10 783,357	91 314,394	8,468	8,006
27	14	98 356	53 937,362	1 611 854,765	29,884	29,422	77	64	55 545	10 013,111	80 531,037	8,043	7,581
28	15	98 281	52 710,562	1 557 917,404	29,556	29,094	78	65	52 405	9 239,128	70 517,926	7,633	7,171
29	16	98 207	51 511,743	1 505 206,841	29,221	28,759	79	66	49 106	8 467,045	61 278,798	7,237	6,775
30	17	98 128	50 337,728	1 453 695,099	28,879	28,417	80	67	45 752	7 715,112	52 811,752	6,845	6,383
31	18	98 046	49 188,712	1 403 357,371	28,530	28,068	81	68	42 260	6 969,547	45 096,640	6,471	6,009
32	19	97 952	48 060,162	1 354 168,658	28,177	27,715	82	69	38 714	6 244,124	38 127,093	6,106	5,644
33	20	97 857	46 957,413	1 306 108,496	27,815	27,353	83	70	35 136	5 542,425	31 882,968	5,753	5,291
34	21	97 766	45 881,085	1 259 151,083	27,444	26,982	84	71	31 582	4 872,102	26 340,544	5,406	4,944
35	22	97 666	44 825,531	1 213 269,998	27,066	26,604	85	72	28 036	4 229,866	21 468,442	5,075	4,613
36	23	97 559	43 791,142	1 168 444,467	26,682	26,220	86	73	24 488	3 613,371	17 238,576	4,771	4,309
37	24	97 447	42 778,723	1 124 653,325	26,290	25,828	87	74	21 041	3 036,333	13 625,205	4,487	4,025
38	25	97 329	41 786,558	1 081 874,602	25,890	25,428	88	75	17 706	2 498,960	10 588,872	4,237	3,775
39	26	97 203	40 813,953	1 040 088,044	25,484	25,022	89	76	14 701	2 029,076	8 089,913	3,987	3,525
40	27	97 063	39 858,339	999 274,092	25,071	24,609	90	77	11 973	1 616,278	6 060,836	3,750	3,288
41	28	96 905	38 918,066	959 415,752	24,652	24,190	91	78	9 652	1 274,275	4 444,558	3,488	3,026
42	29	96 736	37 995,270	920 497,686	24,227	23,765	92	79	7 519	970,807	3 170,284	3,266	2,804
43	30	96 553	37 088,975	882 502,416	23,794	23,332	93	80	5 665	715,280	2 199,477	3,075	2,613
44	31	96 341	36 193,145	845 413,441	23,358	22,896	94	81	4 150	512,476	1 484,197	2,896	2,434
45	32	96 105	35 309,876	809 220,296	22,918	22,456	95	82	2 947	355,903	971,721	2,730	2,268
46	33	95 840	34 437,712	773 910,421	22,473	22,011	96	83	2 023	238,931	615,818	2,577	2,115
47	34	95 541	33 574,992	739 472,709	22,025	21,562	97	84	1 339	154,722	376,887	2,436	1,974
48	35	95 207	32 721,322	705 897,717	21,573	21,111	98	85	853	96,408	222,165	2,304	1,842
49	36	94 831	31 874,693	673 176,394	21,119	20,657	99	86	521	57,578	125,757	2,184	1,722
							100	87	305	32,908	68,179	2,072	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	31 051,863	643 442,275	20,722	20,260
1							51	37	94 014	30 224,738	612 390,412	20,261	19,799
2							52	38	93 513	29 402,235	582 165,674	19,800	19,338
3							53	39	92 966	28 587,138	552 763,439	19,336	18,874
4							54	40	92 368	27 778,126	524 176,301	18,870	18,408
5							55	41	91 711	26 973,543	496 398,175	18,403	17,941
6							56	42	91 002	26 176,240	469 424,632	17,933	17,471
7							57	43	90 239	25 385,499	443 248,392	17,461	16,999
8							58	44	89 426	24 603,165	417 862,893	16,984	16,522
9							59	45	88 535	23 822,039	393 259,728	16,508	16,046
10							60	46	87 567	23 043,033	369 437,689	16,033	15,570
11							61	47	86 504	22 262,441	346 394,656	15,560	15,098
12							62	48	85 383	21 490,429	324 132,215	15,083	14,621
13							63	49	84 177	20 720,678	302 641,786	14,606	14,144
14	0	99 422	72 811,160	2 440 544,601	33,519	33,057	64	50	82 898	19 956,734	281 921,108	14,127	13,665
15	1	99 088	70 969,411	2 367 733,441	33,363	32,901	65	51	81 515	19 192,121	261 964,374	13,650	13,188
16	2	99 040	69 374,143	2 296 764,030	33,107	32,645	66	52	80 045	18 431,226	242 772,252	13,172	12,710
17	3	98 995	67 816,519	2 227 389,888	32,844	32,382	67	53	78 492	17 676,042	224 341,026	12,692	12,230
18	4	98 947	66 292,071	2 159 573,369	32,577	32,115	68	54	76 843	16 923,843	206 664,984	12,211	11,749
19	5	98 880	64 789,526	2 093 281,298	32,309	31,847	69	55	75 093	16 174,462	189 741,141	11,731	11,269
20	6	98 817	63 323,557	2 028 491,772	32,034	31,572	70	56	73 205	15 420,915	173 566,678	11,255	10,793
21	7	98 750	61 888,170	1 965 168,215	31,754	31,292	71	57	71 207	14 669,968	158 145,763	10,780	10,318
22	8	98 686	60 487,142	1 903 280,044	31,466	31,004	72	58	69 082	13 918,846	143 475,794	10,308	9,846
23	9	98 624	59 119,172	1 842 792,902	31,171	30,709	73	59	66 766	13 156,294	129 556,949	9,848	9,386
24	10	98 564	57 782,749	1 783 673,730	30,869	30,407	74	60	64 317	12 394,795	116 400,654	9,391	8,929
25	11	98 499	56 474,139	1 725 890,981	30,561	30,099	75	61	61 656	11 620,613	104 005,859	8,950	8,488
26	12	98 433	55 194,315	1 669 416,841	30,246	29,784	76	62	58 871	10 851,448	92 385,246	8,514	8,052
27	13	98 365	53 942,668	1 614 222,527	29,925	29,463	77	63	55 918	10 080,333	81 533,799	8,088	7,626
28	14	98 293	52 717,089	1 560 279,859	29,597	29,135	78	64	52 784	9 306,093	71 453,466	7,678	7,216
29	15	98 220	51 518,727	1 507 562,770	29,262	28,800	79	65	49 489	8 533,113	62 147,373	7,283	6,821
30	16	98 144	50 345,822	1 456 044,043	28,921	28,459	80	66	46 131	7 779,054	53 614,260	6,892	6,430
31	17	98 063	49 197,348	1 405 698,222	28,573	28,111	81	67	42 645	7 032,982	45 835,206	6,517	6,055
32	18	97 973	48 070,662	1 356 500,873	28,219	27,757	82	68	39 097	6 305,891	38 802,224	6,153	5,691
33	19	97 878	46 967,513	1 308 430,211	27,858	27,396	83	69	35 526	5 603,886	32 496,332	5,799	5,337
34	20	97 786	45 890,768	1 261 462,697	27,488	27,026	84	70	31 964	4 931,019	26 892,446	5,454	4,992
35	21	97 687	44 835,222	1 215 571,930	27,112	26,650	85	71	28 415	4 287,068	21 961,427	5,123	4,661
36	22	97 581	43 801,207	1 170 736,707	26,728	26,266	86	72	24 873	3 670,167	17 674,359	4,816	4,354
37	23	97 470	42 788,455	1 126 935,500	26,337	25,875	87	73	21 412	3 089,898	14 004,192	4,532	4,070
38	24	97 351	41 796,060	1 084 147,045	25,939	25,477	88	74	18 055	2 548,201	10 914,295	4,283	3,821
39	25	97 224	40 823,050	1 042 350,985	25,533	25,071	89	75	15 036	2 075,317	8 366,093	4,031	3,569
40	26	97 089	39 868,991	1 001 527,935	25,120	24,658	90	76	12 285	1 658,313	6 290,777	3,793	3,331
41	27	96 930	38 928,115	961 658,944	24,703	24,241	91	77	9 940	1 312,270	4 632,464	3,530	3,068
42	28	96 761	38 005,141	922 730,830	24,279	23,817	92	78	7 778	1 004,205	3 320,194	3,306	2,844
43	29	96 580	37 099,265	884 725,688	23,848	23,386	93	79	5 886	743,187	2 315,989	3,116	2,654
44	30	96 368	36 203,080	847 626,423	23,413	22,951	94	80	4 338	535,712	1 572,802	2,936	2,474
45	31	96 136	35 321,391	811 423,343	22,973	22,511	95	81	3 100	374,436	1 037,090	2,770	2,308
46	32	95 873	34 449,643	776 101,952	22,529	22,067	96	82	2 145	253,337	662,654	2,616	2,154
47	33	95 576	33 587,144	741 652,309	22,081	21,619	97	83	1 432	165,471	409,317	2,474	2,012
48	34	95 246	32 734,607	708 065,165	21,630	21,168	98	84	922	104,111	243,846	2,342	1,880
49	35	94 871	31 888,283	675 330,558	21,178	20,716	99	85	570	62,947	139,735	2,220	1,758
							100	86	337	36,429	76,788	2,108	1,646



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	31 065,102	645 400,826	20,776	20,314
1							51	36	94 058	30 238,839	614 335,724	20,316	19,854
2							52	37	93 562	29 417,729	584 096,885	19,855	19,393
3							53	38	93 021	28 604,002	554 679,156	19,392	18,930
4							54	39	92 433	27 797,675	526 075,154	18,925	18,463
5							55	40	91 776	26 992,783	498 277,478	18,460	17,998
6							56	41	91 078	26 198,010	471 284,695	17,989	17,527
7							57	42	90 325	25 409,535	445 086,685	17,517	17,055
8							58	43	89 520	24 629,162	419 677,150	17,040	16,578
9							59	44	88 635	23 849,008	395 047,988	16,565	16,103
10							60	45	87 685	23 074,242	371 198,980	16,087	15,625
11							61	46	86 638	22 297,022	348 124,738	15,613	15,151
12							62	47	85 531	21 527,788	325 827,716	15,135	14,673
13							63	48	84 333	20 759,144	304 299,927	14,659	14,197
14							64	49	83 071	19 998,573	283 540,783	14,178	13,716
15	0	99 406	71 197,215	2 370 212,467	33,291	32,829	65	50	81 706	19 237,068	263 542,210	13,700	13,238
16	1	99 068	69 393,874	2 299 015,252	33,130	32,668	66	51	80 245	18 477,249	244 305,142	13,222	12,760
17	2	99 011	67 827,454	2 229 621,379	32,872	32,410	67	52	78 710	17 725,156	225 827,893	12,741	12,279
18	3	98 961	66 301,578	2 161 793,925	32,605	32,143	68	53	77 077	16 975,435	208 102,738	12,259	11,797
19	4	98 892	64 797,291	2 095 492,347	32,339	31,877	69	54	75 333	16 226,161	191 127,303	11,779	11,317
20	5	98 826	63 329,286	2 030 695,056	32,066	31,604	70	55	73 470	15 476,593	174 901,142	11,301	10,839
21	6	98 758	61 893,133	1 967 365,770	31,786	31,324	71	56	71 478	14 725,822	159 424,549	10,826	10,364
22	7	98 694	60 492,196	1 905 472,637	31,499	31,037	72	57	69 368	13 976,517	144 698,727	10,353	9,891
23	8	98 631	59 122,845	1 844 980,441	31,206	30,744	73	58	67 072	13 216,557	130 722,210	9,891	9,429
24	9	98 570	57 786,418	1 785 857,596	30,904	30,442	74	59	64 626	12 454,306	117 505,653	9,435	8,973
25	10	98 507	56 478,689	1 728 071,178	30,597	30,135	75	60	61 995	11 684,503	105 051,347	8,991	8,529
26	11	98 441	55 198,698	1 671 592,489	30,283	29,821	76	61	59 207	10 913,496	93 366,844	8,555	8,093
27	12	98 373	53 946,803	1 616 393,791	29,963	29,501	77	62	56 271	10 143,984	82 453,348	8,128	7,666
28	13	98 303	52 722,275	1 562 446,988	29,635	29,173	78	63	53 139	9 368,569	72 309,364	7,718	7,256
29	14	98 232	51 525,105	1 509 724,713	29,301	28,839	79	64	49 848	8 594,960	62 940,795	7,323	6,861
30	15	98 157	50 352,648	1 458 199,607	28,960	28,498	80	65	46 491	7 839,753	54 345,835	6,932	6,470
31	16	98 079	49 205,259	1 407 846,960	28,612	28,150	81	66	42 998	7 091,271	46 506,082	6,558	6,096
32	17	97 990	48 079,102	1 358 641,701	28,258	27,796	82	67	39 452	6 363,286	39 414,812	6,194	5,732
33	18	97 900	46 977,775	1 310 562,599	27,898	27,435	83	68	35 877	5 659,320	33 051,526	5,840	5,378
34	19	97 807	45 900,639	1 263 584,824	27,529	27,067	84	69	32 318	4 985,701	27 392,206	5,494	5,032
35	20	97 707	44 844,684	1 217 684,185	27,153	26,691	85	70	28 758	4 338,910	22 406,505	5,164	4,702
36	21	97 602	43 810,677	1 172 839,501	26,771	26,309	86	71	25 210	3 719,800	18 067,595	4,857	4,395
37	22	97 492	42 798,290	1 129 028,824	26,380	25,918	87	72	21 748	3 138,466	14 347,795	4,572	4,110
38	23	97 373	41 805,569	1 086 230,534	25,983	25,521	88	73	18 374	2 593,155	11 209,329	4,323	3,861
39	24	97 246	40 832,333	1 044 424,965	25,578	25,116	89	74	15 332	2 116,211	8 616,174	4,072	3,609
40	25	97 110	39 877,877	1 003 592,632	25,167	24,705	90	75	12 565	1 696,104	6 499,964	3,832	3,370
41	26	96 956	38 938,517	963 714,755	24,750	24,288	91	76	10 198	1 346,398	4 803,860	3,568	3,106
42	27	96 786	38 014,954	924 776,237	24,327	23,865	92	77	8 010	1 034,148	3 457,461	3,343	2,881
43	28	96 605	37 108,904	886 761,283	23,896	23,434	93	78	6 088	768,754	2 423,313	3,152	2,690
44	29	96 394	36 213,124	849 652,380	23,463	23,001	94	79	4 507	556,613	1 654,559	2,973	2,511
45	30	96 163	35 331,088	813 439,255	23,023	22,561	95	80	3 241	391,413	1 097,946	2,805	2,343
46	31	95 904	34 460,878	778 108,168	22,579	22,117	96	81	2 256	266,530	706,534	2,651	2,189
47	32	95 609	33 598,781	743 647,289	22,133	21,671	97	82	1 519	175,448	440,004	2,508	2,046
48	33	95 280	32 746,454	710 048,509	21,683	21,221	98	83	986	111,344	264,556	2,376	1,914
49	34	94 910	31 901,229	677 302,055	21,231	20,769	99	84	615	67,976	153,212	2,254	1,792
							100	85	369	39,826	85,236	2,140	1,678

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	31 077,714	647 193,434	20,825	20,363
1							51	35	94 098	30 251,731	616 115,720	20,366	19,904
2							52	36	93 606	29 431,453	585 863,989	19,906	19,444
3							53	37	93 070	28 619,076	556 432,536	19,443	18,981
4							54	38	92 488	27 814,074	527 813,460	18,976	18,514
5							55	39	91 841	27 011,779	499 999,386	18,510	18,048
6							56	40	91 143	26 216,697	472 987,607	18,041	17,579
7							57	41	90 400	25 430,667	446 770,910	17,568	17,106
8							58	42	89 605	24 652,482	421 340,242	17,091	16,629
9							59	43	88 729	23 874,208	396 687,760	16,616	16,154
10							60	44	87 784	23 100,365	372 813,552	16,139	15,677
11							61	45	86 755	22 327,221	349 713,187	15,663	15,201
12							62	46	85 664	21 561,228	327 385,966	15,184	14,722
13							63	47	84 480	20 795,233	305 824,738	14,706	14,244
14							64	48	83 226	20 035,698	285 029,506	14,226	13,764
15							65	49	81 877	19 277,398	264 993,807	13,746	13,284
16	0	99 386	69 616,620	2 301 303,841	33,057	32,595	66	50	80 433	18 520,521	245 716,410	13,267	12,805
17	1	99 039	67 846,745	2 231 687,221	32,893	32,431	67	51	78 907	17 769,416	227 195,888	12,786	12,324
18	2	98 977	66 312,268	2 163 840,477	32,631	32,169	68	52	77 291	17 022,601	209 426,473	12,303	11,841
19	3	98 906	64 806,584	2 097 528,208	32,366	31,904	69	53	75 563	16 275,626	192 403,871	11,822	11,360
20	4	98 838	63 336,877	2 032 721,624	32,094	31,632	70	54	73 704	15 526,061	176 128,245	11,344	10,882
21	5	98 767	61 898,732	1 969 384,748	31,816	31,354	71	55	71 737	14 778,990	160 602,184	10,867	10,405
22	6	98 702	60 497,046	1 907 486,016	31,530	31,068	72	56	69 632	14 029,730	145 823,194	10,394	9,932
23	7	98 639	59 127,784	1 846 988,969	31,237	30,775	73	57	67 350	13 271,318	131 793,464	9,931	9,469
24	8	98 576	57 790,007	1 787 861,185	30,937	30,475	74	58	64 922	12 511,353	118 522,146	9,473	9,011
25	9	98 513	56 482,275	1 730 071,178	30,630	30,168	75	59	62 293	11 740,603	106 010,792	9,029	8,567
26	10	98 449	55 203,146	1 673 588,903	30,317	29,855	76	60	59 533	10 973,498	94 270,189	8,591	8,129
27	11	98 381	53 951,088	1 618 385,757	29,997	29,535	77	61	56 593	10 201,987	83 296,691	8,165	7,703
28	12	98 311	52 726,317	1 564 434,669	29,671	29,209	78	62	53 474	9 427,726	73 094,704	7,753	7,291
29	13	98 242	51 530,174	1 511 708,352	29,336	28,874	79	63	50 182	8 652,662	63 666,978	7,358	6,896
30	14	98 169	50 358,882	1 460 178,178	28,995	28,533	80	64	46 828	7 896,575	55 014,317	6,967	6,505
31	15	98 092	49 211,930	1 409 819,296	28,648	28,186	81	65	43 334	7 146,603	47 117,742	6,593	6,131
32	16	98 006	48 086,833	1 360 607,366	28,295	27,833	82	66	39 779	6 416,024	39 971,139	6,230	5,768
33	17	97 917	46 986,023	1 312 520,534	27,934	27,472	83	67	36 204	5 710,829	33 555,115	5,876	5,414
34	18	97 829	45 910,668	1 265 534,511	27,565	27,103	84	68	32 638	5 035,019	27 844,285	5,530	5,068
35	19	97 728	44 854,330	1 219 623,843	27,191	26,729	85	69	29 077	4 387,026	22 809,266	5,199	4,737
36	20	97 623	43 819,922	1 174 769,513	26,809	26,347	86	70	25 514	3 764,783	18 422,240	4,893	4,431
37	21	97 513	42 807,543	1 130 949,591	26,419	25,957	87	71	22 042	3 180,909	14 657,458	4,608	4,146
38	22	97 396	41 815,178	1 088 142,048	26,023	25,561	88	72	18 663	2 633,915	11 476,549	4,357	3,895
39	23	97 269	40 841,623	1 046 326,870	25,619	25,157	89	73	15 602	2 153,543	8 842,634	4,106	3,644
40	24	97 132	39 886,946	1 005 485,247	25,208	24,746	90	74	12 812	1 729,525	6 689,091	3,868	3,406
41	25	96 978	38 947,196	965 598,301	24,792	24,330	91	75	10 431	1 377,081	4 959,566	3,602	3,139
42	26	96 812	38 025,113	926 651,105	24,369	23,907	92	76	8 218	1 061,043	3 582,484	3,376	2,914
43	27	96 630	37 118,485	888 625,992	23,940	23,478	93	77	6 270	791,677	2 521,441	3,185	2,723
44	28	96 419	36 222,533	851 507,507	23,508	23,046	94	78	4 662	575,762	1 729,765	3,004	2,542
45	29	96 189	35 340,890	815 284,975	23,069	22,607	95	79	3 367	406,684	1 154,003	2,838	2,376
46	30	95 931	34 470,338	779 944,085	22,627	22,165	96	80	2 359	278,614	747,319	2,682	2,220
47	31	95 640	33 609,738	745 473,746	22,180	21,718	97	81	1 598	184,584	468,705	2,539	2,077
48	32	95 313	32 757,800	711 864,008	21,731	21,269	98	82	1 045	118,058	284,121	2,407	1,945
49	33	94 944	31 912,775	679 106,209	21,280	20,818	99	83	658	72,699	166,064	2,284	1,822
							100	84	398	43,008	93,365	2,171	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	31 088,962	648 834,017	20,870	20,408
1							51	34	94 136	30 264,012	617 745,056	20,412	19,950
2							52	35	93 646	29 444,001	587 481,043	19,952	19,490
3							53	36	93 114	28 632,427	558 037,042	19,490	19,028
4							54	37	92 536	27 828,731	529 404,615	19,024	18,562
5							55	38	91 895	27 027,714	501 575,883	18,558	18,096
6							56	39	91 207	26 235,148	474 548,169	18,088	17,626
7							57	40	90 464	25 448,807	448 313,022	17,616	17,154
8							58	41	89 680	24 672,985	422 864,215	17,139	16,677
9							59	42	88 813	23 896,813	398 191,230	16,663	16,201
10							60	43	87 877	23 124,774	374 294,417	16,186	15,724
11							61	44	86 854	22 352,498	351 169,643	15,711	15,249
12							62	45	85 780	21 590,430	328 817,145	15,230	14,768
13							63	46	84 611	20 827,534	307 226,714	14,751	14,289
14							64	47	83 370	20 070,529	286 399,180	14,270	13,808
15							65	48	82 029	19 313,184	266 328,651	13,790	13,328
16							66	49	80 601	18 559,349	247 015,467	13,309	12,847
17	0	99 357	68 064,525	2 233 801,197	32,819	32,357	67	50	79 092	17 811,030	228 456,118	12,827	12,365
18	1	99 005	66 331,128	2 165 736,672	32,650	32,188	68	51	77 484	17 065,107	210 645,087	12,344	11,882
19	2	98 922	64 817,033	2 099 405,543	32,390	31,928	69	52	75 772	16 320,848	193 579,980	11,861	11,399
20	3	98 852	63 345,960	2 034 588,510	32,119	31,657	70	53	73 929	15 573,392	177 259,132	11,382	10,920
21	4	98 779	61 906,151	1 971 242,550	31,842	31,380	71	54	71 966	14 826,228	161 685,740	10,905	10,443
22	5	98 711	60 502,519	1 909 336,399	31,558	31,096	72	55	69 883	14 080,384	146 859,512	10,430	9,968
23	6	98 647	59 132,526	1 848 833,879	31,266	30,804	73	56	67 606	13 321,847	132 779,127	9,967	9,505
24	7	98 584	57 794,836	1 789 701,354	30,966	30,504	74	57	65 191	12 563,193	119 457,280	9,509	9,046
25	8	98 519	56 485,783	1 731 906,518	30,661	30,199	75	58	62 578	11 794,382	106 894,088	9,063	8,601
26	9	98 455	55 206,650	1 675 420,735	30,348	29,886	76	59	59 819	11 026,185	95 099,706	8,625	8,163
27	10	98 389	53 955,435	1 620 214,084	30,029	29,567	77	60	56 904	10 258,077	84 073,522	8,196	7,734
28	11	98 318	52 730,504	1 566 258,650	29,703	29,241	78	61	53 780	9 481,633	73 815,444	7,785	7,323
29	12	98 250	51 534,125	1 513 528,145	29,369	28,907	79	62	50 499	8 707,298	64 333,811	7,388	6,926
30	13	98 179	50 363,836	1 461 994,020	29,029	28,567	80	63	47 142	7 949,588	55 626,513	6,997	6,535
31	14	98 104	49 218,023	1 411 630,184	28,681	28,219	81	64	43 648	7 198,401	47 676,925	6,623	6,161
32	15	98 019	48 093,352	1 362 412,161	28,328	27,866	82	65	40 090	6 466,087	40 478,524	6,260	5,798
33	16	97 933	46 993,578	1 314 318,809	27,968	27,506	83	66	36 504	5 758,160	34 012,437	5,907	5,445
34	17	97 846	45 918,728	1 267 325,231	27,599	27,137	84	67	32 935	5 080,847	28 254,277	5,561	5,099
35	18	97 750	44 864,130	1 221 406,503	27,225	26,763	85	68	29 365	4 430,422	23 173,430	5,231	4,769
36	19	97 644	43 829,348	1 176 542,373	26,844	26,382	86	69	25 797	3 806,531	18 743,008	4,924	4,462
37	20	97 534	42 816,576	1 132 713,025	26,455	25,993	87	70	22 309	3 219,374	14 936,476	4,640	4,178
38	21	97 417	41 824,218	1 089 896,449	26,059	25,597	88	71	18 915	2 669,534	11 717,102	4,389	3,927
39	22	97 291	40 851,010	1 048 072,231	25,656	25,194	89	72	15 848	2 187,393	9 047,567	4,136	3,674
40	23	97 154	39 896,020	1 007 221,220	25,246	24,784	90	73	13 038	1 760,036	6 860,174	3,898	3,436
41	24	97 000	38 956,053	967 325,200	24,831	24,369	91	74	10 636	1 404,217	5 100,138	3,632	3,170
42	25	96 834	38 033,588	928 369,147	24,409	23,947	92	75	8 405	1 085,223	3 695,921	3,406	2,944
43	26	96 656	37 128,404	890 335,559	23,980	23,518	93	76	6 433	812,266	2 610,698	3,214	2,752
44	27	96 444	36 231,885	853 207,154	23,549	23,087	94	77	4 801	592,929	1 798,433	3,033	2,571
45	28	96 214	35 350,071	816 975,269	23,111	22,649	95	78	3 483	420,675	1 205,503	2,866	2,404
46	29	95 957	34 479,902	781 625,198	22,669	22,207	96	79	2 451	289,484	784,828	2,711	2,249
47	30	95 667	33 618,965	747 145,296	22,224	21,762	97	80	1 670	192,953	495,344	2,567	2,105
48	31	95 344	32 768,483	713 526,331	21,775	21,313	98	81	1 099	124,205	302,391	2,435	1,973
49	32	94 977	31 923,831	680 757,849	21,324	20,862	99	82	698	77,082	178,186	2,312	1,850
							100	83	426	45,995	101,104	2,198	1,736

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	31 099,733	650 336,054	20,911	20,449
1							51	33	94 170	30 274,966	619 236,321	20,454	19,992
2							52	34	93 684	29 455,955	588 961,356	19,995	19,533
3							53	35	93 153	28 644,635	559 505,401	19,533	19,071
4							54	36	92 580	27 841,714	530 860,766	19,067	18,605
5							55	37	91 943	27 041,957	503 019,052	18,601	18,139
6							56	38	91 261	26 250,624	475 977,095	18,132	17,670
7							57	39	90 528	25 466,717	449 726,471	17,659	17,197
8							58	40	89 744	24 690,584	424 259,754	17,183	16,721
9							59	41	88 887	23 916,688	399 569,170	16,707	16,245
10							60	42	87 960	23 146,670	375 652,482	16,229	15,767
11							61	43	86 945	22 376,117	352 505,813	15,754	15,292
12							62	44	85 877	21 614,873	330 129,696	15,273	14,811
13							63	45	84 726	20 855,743	308 514,823	14,793	14,331
14							64	46	83 500	20 101,705	287 659,080	14,310	13,848
15							65	47	82 172	19 346,759	267 557,375	13,830	13,368
16							66	48	80 751	18 593,803	248 210,616	13,349	12,887
17							67	49	79 258	17 848,371	229 616,813	12,865	12,403
18	0	99 323	66 544,044	2 167 690,494	32,575	32,113	68	50	77 666	17 105,072	211 768,443	12,380	11,918
19	1	98 950	64 835,468	2 101 146,450	32,407	31,945	69	51	75 962	16 361,602	194 663,370	11,898	11,436
20	2	98 868	63 356,174	2 036 310,982	32,141	31,679	70	52	74 135	15 616,663	178 301,769	11,417	10,955
21	3	98 793	61 915,029	1 972 954,808	31,866	31,404	71	53	72 185	14 871,425	162 685,106	10,939	10,477
22	4	98 723	60 509,771	1 911 039,779	31,582	31,120	72	54	70 107	14 125,390	147 813,680	10,464	10,000
23	5	98 656	59 137,875	1 850 530,008	31,292	30,830	73	55	67 850	13 369,946	133 688,290	9,999	9,537
24	6	98 592	57 799,470	1 791 392,132	30,993	30,531	74	56	65 439	12 611,025	120 318,345	9,541	9,079
25	7	98 528	56 490,503	1 733 592,663	30,688	30,226	75	57	62 838	11 843,250	107 707,320	9,094	8,632
26	8	98 461	55 210,080	1 677 102,160	30,377	29,915	76	58	60 093	11 076,691	95 864,070	8,655	8,193
27	9	98 395	53 958,860	1 621 892,080	30,058	29,596	77	59	57 177	10 307,329	84 787,379	8,226	7,764
28	10	98 326	52 734,753	1 567 933,220	29,732	29,270	78	60	54 076	9 533,763	74 480,050	7,812	7,350
29	11	98 257	51 538,218	1 515 198,467	29,400	28,937	79	61	50 788	8 757,086	64 946,287	7,416	6,954
30	12	98 186	50 367,697	1 463 660,249	29,060	28,597	80	62	47 440	7 999,785	56 189,201	7,024	6,562
31	13	98 114	49 222,865	1 413 292,552	28,712	28,250	81	63	43 941	7 246,727	48 189,416	6,650	6,188
32	14	98 031	48 099,307	1 364 069,687	28,359	27,897	82	64	40 380	6 512,953	40 942,689	6,286	5,824
33	15	97 946	46 999,949	1 315 970,381	27,999	27,537	83	65	36 789	5 803,090	34 429,736	5,933	5,471
34	16	97 862	45 926,111	1 268 970,431	27,631	27,169	84	66	33 208	5 122,956	28 626,646	5,588	5,126
35	17	97 767	44 872,007	1 223 044,320	27,256	26,794	85	67	29 632	4 470,747	23 503,690	5,257	4,795
36	18	97 665	43 838,924	1 178 172,313	26,875	26,413	86	68	26 053	3 844,186	19 032,943	4,951	4,489
37	19	97 555	42 825,786	1 134 333,389	26,487	26,025	87	69	22 556	3 255,075	15 188,757	4,666	4,204
38	20	97 437	41 833,045	1 091 507,603	26,092	25,630	88	70	19 144	2 701,816	11 933,682	4,417	3,955
39	21	97 312	40 859,842	1 049 674,558	25,690	25,228	89	71	16 062	2 216,974	9 231,866	4,164	3,702
40	22	97 177	39 905,190	1 008 814,716	25,280	24,818	90	72	13 243	1 787,701	7 014,891	3,924	3,462
41	23	97 022	38 964,916	968 909,526	24,866	24,404	91	73	10 824	1 428,989	5 227,190	3,658	3,196
42	24	96 856	38 042,237	929 944,610	24,445	23,983	92	74	8 571	1 106,607	3 798,202	3,432	2,970
43	25	96 678	37 136,680	891 902,373	24,017	23,555	93	75	6 579	830,776	2 691,594	3,240	2,778
44	26	96 470	36 241,567	854 765,693	23,585	23,123	94	76	4 926	608,350	1 860,818	3,059	2,597
45	27	96 239	35 359,199	818 524,126	23,149	22,687	95	77	3 587	433,218	1 252,468	2,891	2,429
46	28	95 982	34 488,860	783 164,927	22,708	22,246	96	78	2 535	299,443	819,250	2,736	2,274
47	29	95 693	33 628,292	748 676,067	22,263	21,801	97	79	1 735	200,481	519,807	2,593	2,131
48	30	95 371	32 777,478	715 047,775	21,815	21,353	98	80	1 149	129,837	319,326	2,459	1,997
49	31	95 008	31 934,243	682 270,297	21,365	20,903	99	81	734	81,096	189,489	2,337	1,875
							100	82	451	48,769	108,393	2,223	1,761

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	31 109,875	651 711,605	20,949	20,487
1							51	32	94 203	30 285,455	620 601,730	20,492	20,030
2							52	33	93 718	29 466,616	590 316,275	20,033	19,571
3							53	34	93 191	28 656,264	560 849,659	19,572	19,110
4							54	35	92 619	27 853,584	532 193,396	19,107	18,645
5							55	36	91 986	27 054,573	504 339,811	18,642	18,180
6							56	37	91 309	26 264,458	477 285,238	18,172	17,710
7							57	38	90 581	25 481,740	451 020,781	17,700	17,238
8							58	39	89 807	24 707,960	425 539,041	17,223	16,761
9							59	40	88 950	23 933,748	400 831,081	16,748	16,286
10							60	41	88 034	23 165,920	376 897,333	16,269	15,807
11							61	42	87 028	22 397,304	353 731,413	15,793	15,331
12							62	43	85 968	21 637,713	331 334,110	15,313	14,851
13							63	44	84 822	20 879,354	309 696,397	14,833	14,371
14							64	45	83 613	20 128,931	288 817,043	14,348	13,886
15							65	46	82 300	19 376,811	268 688,112	13,866	13,404
16							66	47	80 891	18 626,127	249 311,301	13,385	12,923
17							67	48	79 405	17 881,504	230 685,175	12,901	12,439
18							68	49	77 829	17 140,932	212 803,671	12,415	11,953
19	0	99 268	65 043,582	2 102 953,261	32,331	31,869	69	50	76 140	16 399,919	195 662,738	11,931	11,469
20	1	98 896	63 374,193	2 037 909,678	32,157	31,695	70	51	74 320	15 655,658	179 262,819	11,450	10,988
21	2	98 809	61 925,012	1 974 535,485	31,886	31,424	71	52	72 386	14 912,746	163 607,161	10,971	10,509
22	3	98 737	60 518,449	1 912 610,473	31,604	31,142	72	53	70 320	14 168,451	148 694,415	10,495	10,033
23	4	98 667	59 144,963	1 852 092,024	31,314	30,852	73	54	68 067	13 412,680	134 525,964	10,030	9,568
24	5	98 601	57 804,699	1 792 947,060	31,017	30,555	74	55	65 675	12 656,557	121 113,284	9,569	9,107
25	6	98 536	56 495,032	1 735 142,361	30,713	30,251	75	56	63 077	11 888,341	108 456,726	9,123	8,661
26	7	98 469	55 214,692	1 678 647,329	30,402	29,940	76	57	60 342	11 122,585	96 568,385	8,682	8,220
27	8	98 401	53 962,212	1 623 432,637	30,085	29,623	77	58	57 439	10 354,542	85 445,800	8,252	7,790
28	9	98 333	52 738,101	1 569 470,425	29,760	29,298	78	59	54 335	9 579,537	75 091,257	7,839	7,377
29	10	98 265	51 542,370	1 516 732,324	29,427	28,965	79	60	51 067	8 805,232	65 511,720	7,440	6,978
30	11	98 194	50 371,698	1 465 189,954	29,088	28,626	80	61	47 711	8 045,527	56 706,488	7,048	6,586
31	12	98 121	49 226,638	1 414 818,256	28,741	28,279	81	62	44 219	7 292,486	48 660,961	6,673	6,211
32	13	98 041	48 104,039	1 365 591,618	28,388	27,926	82	63	40 651	6 556,677	41 368,475	6,309	5,847
33	14	97 958	47 005,768	1 317 487,579	28,028	27,566	83	64	37 055	5 845,151	34 811,798	5,956	5,494
34	15	97 875	45 932,338	1 270 481,811	27,660	27,198	84	65	33 467	5 162,930	28 966,647	5,611	5,148
35	16	97 783	44 879,222	1 224 549,473	27,285	26,823	85	66	29 878	4 507,800	23 803,717	5,281	4,819
36	17	97 682	43 846,621	1 179 670,251	26,904	26,442	86	67	26 290	3 879,174	19 295,917	4,974	4,512
37	18	97 576	42 835,143	1 135 823,630	26,516	26,054	87	68	22 780	3 287,274	15 416,743	4,690	4,228
38	19	97 458	41 842,043	1 092 988,487	26,122	25,660	88	69	19 356	2 731,778	12 129,469	4,440	3,978
39	20	97 332	40 868,465	1 051 146,444	25,720	25,258	89	70	16 256	2 243,784	9 397,691	4,188	3,726
40	21	97 198	39 913,817	1 010 277,979	25,311	24,849	90	71	13 422	1 811,877	7 153,907	3,948	3,486
41	22	97 044	38 973,872	970 364,162	24,898	24,436	91	72	10 994	1 451,450	5 342,030	3,680	3,218
42	23	96 878	38 050,892	931 390,290	24,477	24,015	92	73	8 722	1 126,129	3 890,580	3,455	2,993
43	24	96 700	37 145,125	893 339,398	24,050	23,588	93	74	6 709	847,147	2 764,451	3,263	2,801
44	25	96 492	36 249,645	856 194,273	23,619	23,157	94	75	5 038	622,213	1 917,305	3,081	2,619
45	26	96 265	35 368,648	819 944,628	23,183	22,721	95	76	3 680	444,485	1 295,091	2,914	2,452
46	27	96 007	34 497,765	784 575,980	22,743	22,281	96	77	2 611	308,372	850,606	2,758	2,296
47	28	95 718	33 637,029	750 078,215	22,299	21,837	97	78	1 795	207,378	542,234	2,615	2,153
48	29	95 397	32 786,572	716 441,187	21,852	21,390	98	79	1 194	134,902	334,856	2,482	2,020
49	30	95 034	31 943,009	683 654,615	21,402	20,940	99	80	767	84,773	199,954	2,359	1,897
							100	81	475	51,308	115,181	2,245	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	31 118,416	652 970,588	20,983	20,521
1							51	31	94 233	30 295,332	621 852,173	20,526	20,064
2							52	32	93 750	29 476,825	591 556,841	20,069	19,607
3							53	33	93 225	28 666,635	562 080,016	19,607	19,145
4							54	34	92 657	27 864,892	533 413,381	19,143	18,681
5							55	35	92 026	27 066,107	505 548,489	18,678	18,216
6							56	36	91 352	26 276,711	478 482,381	18,209	17,747
7							57	37	90 629	25 495,169	452 205,670	17,737	17,275
8							58	38	89 860	24 722,536	426 710,502	17,260	16,798
9							59	39	89 013	23 950,591	401 987,966	16,784	16,322
10							60	40	88 096	23 182,444	378 037,375	16,307	15,845
11							61	41	87 100	22 415,931	354 854,931	15,830	15,368
12							62	42	86 049	21 658,200	332 439,000	15,349	14,887
13							63	43	84 911	20 901,416	310 780,800	14,869	14,407
14							64	44	83 707	20 151,719	289 879,384	14,385	13,923
15							65	45	82 411	19 403,055	269 727,665	13,901	13,439
16							66	46	81 017	18 655,059	250 324,610	13,419	12,957
17							67	47	79 543	17 912,590	231 669,551	12,933	12,471
18							68	48	77 973	17 172,753	213 756,961	12,447	11,985
19							69	49	76 299	16 434,301	196 584,208	11,962	11,500
20	0	99 213	63 577,617	2 039 581,472	32,080	31,618	70	50	74 494	15 692,322	180 149,907	11,480	11,018
21	1	98 837	61 942,625	1 976 003,855	31,901	31,439	71	51	72 567	14 949,983	164 457,585	11,001	10,539
22	2	98 753	60 528,207	1 914 061,231	31,623	31,161	72	52	70 516	14 207,818	149 507,601	10,523	10,061
23	3	98 682	59 153,445	1 853 533,024	31,334	30,872	73	53	68 275	13 453,568	135 299,783	10,057	9,595
24	4	98 613	57 811,627	1 794 379,579	31,038	30,576	74	54	65 885	12 697,012	121 846,215	9,596	9,134
25	5	98 545	56 500,143	1 736 567,951	30,736	30,274	75	55	63 305	11 931,264	109 149,203	9,148	8,686
26	6	98 477	55 219,120	1 680 067,808	30,425	29,963	76	56	60 571	11 164,933	97 217,938	8,707	8,245
27	7	98 409	53 966,720	1 624 848,688	30,108	29,646	77	57	57 677	10 397,445	86 053,006	8,276	7,814
28	8	98 339	52 741,377	1 570 881,967	29,785	29,323	78	58	54 584	9 623,416	75 655,561	7,862	7,400
29	9	98 272	51 545,643	1 518 140,591	29,452	28,990	79	59	51 312	8 847,509	66 032,144	7,463	7,001
30	10	98 202	50 375,756	1 466 594,948	29,113	28,651	80	60	47 973	8 089,761	57 184,636	7,069	6,607
31	11	98 129	49 230,548	1 416 219,193	28,767	28,305	81	61	44 471	7 334,184	49 094,874	6,694	6,232
32	12	98 049	48 107,726	1 366 988,644	28,415	27,953	82	62	40 908	6 598,079	41 760,690	6,329	5,867
33	13	97 968	47 010,393	1 318 880,918	28,055	27,593	83	63	37 304	5 884,392	35 162,611	5,976	5,514
34	14	97 887	45 938,025	1 271 870,525	27,687	27,225	84	64	33 709	5 200,351	29 278,220	5,630	5,168
35	15	97 796	44 885,307	1 225 932,500	27,313	26,851	85	65	30 111	4 542,974	24 077,869	5,300	4,838
36	16	97 698	43 853,671	1 181 047,194	26,932	26,470	86	66	26 508	3 911,325	19 534,896	4,994	4,532
37	17	97 593	42 842,664	1 137 193,523	26,543	26,081	87	67	22 987	3 317,194	15 623,571	4,710	4,248
38	18	97 480	41 851,185	1 094 350,859	26,149	25,687	88	68	19 548	2 758,800	12 306,377	4,461	3,999
39	19	97 353	40 877,256	1 052 499,675	25,748	25,286	89	69	16 436	2 268,666	9 547,577	4,208	3,746
40	20	97 218	39 922,240	1 011 622,419	25,340	24,878	90	70	13 585	1 833,787	7 278,911	3,969	3,507
41	21	97 065	38 982,298	971 700,178	24,927	24,465	91	71	11 143	1 471,079	5 445,124	3,701	3,239
42	22	96 900	38 059,638	932 717,881	24,507	24,045	92	72	8 859	1 143,830	3 974,045	3,474	3,012
43	23	96 722	37 153,576	894 658,242	24,080	23,618	93	73	6 827	862,091	2 830,215	3,283	2,821
44	24	96 514	36 257,889	857 504,667	23,650	23,188	94	74	5 138	634,474	1 968,124	3,102	2,640
45	25	96 286	35 376,531	821 246,778	23,214	22,752	95	75	3 764	454,614	1 333,650	2,934	2,472
46	26	96 033	34 506,983	785 870,247	22,774	22,312	96	76	2 679	316,392	879,035	2,778	2,316
47	27	95 743	33 645,714	751 363,263	22,332	21,870	97	77	1 849	213,562	562,644	2,635	2,173
48	28	95 422	32 795,090	717 717,550	21,885	21,423	98	78	1 235	139,543	349,082	2,502	2,040
49	29	95 060	31 951,871	684 922,460	21,436	20,974	99	79	797	88,080	209,539	2,379	1,917
							100	80	496	53,635	121,458	2,265	1,803

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	31 127,049	654 123,583	21,015	20,553
1							51	30	94 259	30 303,648	622 996,534	20,558	20,096
2							52	31	93 781	29 486,438	592 692,886	20,101	19,639
3							53	32	93 257	28 676,567	563 206,448	19,640	19,178
4							54	33	92 690	27 874,977	534 529,881	19,176	18,714
5							55	34	92 063	27 077,096	506 654,903	18,712	18,250
6							56	35	91 391	26 287,914	479 577,808	18,243	17,781
7							57	36	90 671	25 507,063	453 289,894	17,771	17,309
8							58	37	89 907	24 735,564	427 782,831	17,294	16,832
9							59	38	89 065	23 964,720	403 047,267	16,818	16,356
10							60	39	88 158	23 198,759	379 082,547	16,341	15,879
11							61	40	87 162	22 431,920	355 883,788	15,865	15,403
12							62	41	86 121	21 676,213	333 451,868	15,383	14,921
13							63	42	84 992	20 921,207	311 775,656	14,902	14,440
14							64	43	83 796	20 173,012	290 854,449	14,418	13,956
15							65	44	82 504	19 425,021	270 681,437	13,935	13,473
16							66	45	81 127	18 680,325	251 256,416	13,450	12,988
17							67	46	79 666	17 940,414	232 576,090	12,964	12,502
18							68	47	78 109	17 202,607	214 635,676	12,477	12,015
19							69	48	76 441	16 464,810	197 433,070	11,991	11,529
20							70	49	74 650	15 725,221	180 968,260	11,508	11,046
21	0	99 154	62 141,453	1 977 551,532	31,823	31,361	71	50	72 736	14 984,995	165 243,039	11,027	10,565
22	1	98 781	60 545,422	1 915 410,079	31,636	31,174	72	51	70 692	14 243,295	150 258,044	10,549	10,087
23	2	98 698	59 162,983	1 854 864,657	31,352	30,890	73	52	68 464	13 490,949	136 014,749	10,082	9,620
24	3	98 627	57 819,918	1 795 701,674	31,057	30,595	74	53	66 086	12 735,718	122 523,799	9,620	9,158
25	4	98 556	56 506,916	1 737 881,756	30,755	30,293	75	54	63 507	11 969,401	109 788,081	9,172	8,710
26	5	98 486	55 224,115	1 681 374,840	30,446	29,984	76	55	60 790	11 205,244	97 818,680	8,730	8,268
27	6	98 417	53 971,048	1 626 150,725	30,130	29,668	77	56	57 897	10 437,032	86 613,436	8,299	7,837
28	7	98 347	52 745,783	1 572 179,677	29,807	29,345	78	57	54 810	9 663,290	76 176,405	7,883	7,421
29	8	98 278	51 548,844	1 519 433,894	29,476	29,014	79	58	51 548	8 888,035	66 513,115	7,483	7,021
30	9	98 208	50 378,954	1 467 885,049	29,137	28,675	80	59	48 204	8 128,603	57 625,080	7,089	6,627
31	10	98 137	49 234,515	1 417 506,095	28,791	28,329	81	60	44 716	7 374,507	49 496,477	6,712	6,250
32	11	98 056	48 111,547	1 368 271,581	28,440	27,978	82	61	41 142	6 635,806	42 121,970	6,348	5,886
33	12	97 975	47 013,996	1 320 160,033	28,080	27,618	83	62	37 540	5 921,548	35 486,164	5,993	5,531
34	13	97 897	45 942,544	1 273 146,037	27,712	27,250	84	63	33 936	5 235,263	29 564,616	5,647	5,185
35	14	97 808	44 890,864	1 227 203,493	27,337	26,875	85	64	30 329	4 575,901	24 329,353	5,317	4,855
36	15	97 711	43 859,616	1 182 312,629	26,957	26,495	86	65	26 714	3 941,844	19 753,452	5,011	4,549
37	16	97 609	42 849,552	1 138 453,012	26,569	26,107	87	66	23 177	3 344,687	15 811,608	4,727	4,265
38	17	97 497	41 858,532	1 095 603,460	26,174	25,712	88	67	19 725	2 783,910	12 466,922	4,478	4,016
39	18	97 375	40 886,187	1 053 744,928	25,773	25,311	89	68	16 599	2 291,107	9 683,011	4,226	3,764
40	19	97 239	39 930,828	1 012 858,741	25,365	24,903	90	69	13 735	1 854,123	7 391,904	3,987	3,525
41	20	97 086	38 990,524	972 927,913	24,953	24,491	91	70	11 278	1 488,868	5 537,781	3,719	3,257
42	21	96 921	38 067,866	933 937,389	24,533	24,071	92	71	8 979	1 159,299	4 048,913	3,493	3,031
43	22	96 744	37 162,115	895 869,522	24,107	23,645	93	72	6 934	875,642	2 889,615	3,300	2,838
44	23	96 536	36 266,138	858 707,407	23,678	23,216	94	73	5 228	645,667	2 013,973	3,119	2,657
45	24	96 308	35 384,576	822 441,269	23,243	22,781	95	74	3 838	463,572	1 368,306	2,952	2,490
46	25	96 054	34 514,675	787 056,693	22,804	22,342	96	75	2 740	323,602	904,734	2,796	2,334
47	26	95 768	33 654,705	752 542,018	22,361	21,899	97	76	1 897	219,116	581,132	2,652	2,190
48	27	95 447	32 803,558	718 887,314	21,915	21,453	98	77	1 272	143,704	362,016	2,519	2,057
49	28	95 085	31 960,172	686 083,756	21,467	21,005	99	78	825	91,110	218,312	2,396	1,934
							100	79	516	55,727	127,201	2,283	1,821

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 2,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	31 135,136	655 179,562	21,043	20,581
1							51	29	94 285	30 312,056	624 044,426	20,587	20,125
2							52	30	93 807	29 494,533	593 732,370	20,130	19,668
3							53	31	93 288	28 685,919	564 237,837	19,670	19,207
4							54	32	92 722	27 884,635	535 551,918	19,206	18,744
5							55	33	92 096	27 086,896	507 667,283	18,742	18,280
6							56	34	91 428	26 298,586	480 580,387	18,274	17,812
7							57	35	90 710	25 517,937	454 281,801	17,802	17,340
8							58	36	89 949	24 747,104	428 763,864	17,326	16,864
9							59	37	89 112	23 977,349	404 016,760	16,850	16,388
10							60	38	88 210	23 212,444	380 039,411	16,372	15,910
11							61	39	87 224	22 447,707	356 826,967	15,896	15,434
12							62	40	86 182	21 691,674	334 379,260	15,415	14,953
13							63	41	85 062	20 938,606	312 687,586	14,934	14,472
14							64	42	83 875	20 192,113	291 748,980	14,449	13,987
15							65	43	82 592	19 445,547	271 556,867	13,965	13,503
16							66	44	81 218	18 701,473	252 111,320	13,481	13,019
17							67	45	79 774	17 964,713	233 409,847	12,993	12,531
18							68	46	78 230	17 229,328	215 445,134	12,505	12,043
19							69	47	76 574	16 493,433	198 215,806	12,018	11,556
20							70	48	74 788	15 754,413	181 722,373	11,535	11,073
21							71	49	72 889	15 016,411	165 967,960	11,052	10,590
22	0	99 098	60 739,766	1 916 843,578	31,558	31,096	72	50	70 857	14 276,652	150 951,550	10,573	10,111
23	1	98 726	59 179,810	1 856 103,812	31,364	30,902	73	51	68 635	13 524,636	136 674,897	10,106	9,644
24	2	98 643	57 829,241	1 796 924,002	31,073	30,611	74	52	66 270	12 771,105	123 150,261	9,643	9,181
25	3	98 570	56 515,019	1 739 094,761	30,772	30,310	75	53	63 701	12 005,889	110 379,156	9,194	8,732
26	4	98 498	55 230,735	1 682 579,742	30,465	30,003	76	54	60 984	11 241,060	98 373,267	8,751	8,289
27	5	98 426	53 975,930	1 627 349,007	30,150	29,688	77	55	58 106	10 474,715	87 132,208	8,318	7,856
28	6	98 355	52 750,013	1 573 373,077	29,827	29,365	78	56	55 019	9 700,081	76 657,493	7,903	7,441
29	7	98 286	51 553,151	1 520 623,064	29,496	29,034	79	57	51 761	8 924,861	66 957,412	7,502	7,040
30	8	98 215	50 382,083	1 469 069,913	29,159	28,697	80	58	48 425	8 165,836	58 032,550	7,107	6,645
31	9	98 143	49 237,641	1 418 687,830	28,813	28,351	81	59	44 931	7 409,914	49 866,714	6,730	6,268
32	10	98 064	48 115,424	1 369 450,189	28,462	28,000	82	60	41 368	6 672,290	42 456,800	6,363	5,901
33	11	97 983	47 017,731	1 321 334,766	28,103	27,641	83	61	37 754	5 955,407	35 784,511	6,009	5,547
34	12	97 904	45 946,066	1 274 317,035	27,735	27,273	84	62	34 150	5 268,320	29 829,103	5,662	5,200
35	13	97 818	44 895,280	1 228 370,969	27,361	26,899	85	63	30 533	4 606,621	24 560,783	5,332	4,870
36	14	97 723	43 865,047	1 183 475,689	26,980	26,518	86	64	26 908	3 970,414	19 954,162	5,026	4,564
37	15	97 622	42 855,362	1 139 610,642	26,592	26,130	87	65	23 358	3 370,785	15 983,748	4,742	4,280
38	16	97 512	41 865,263	1 096 755,280	26,197	25,735	88	66	19 889	2 806,983	12 612,963	4,493	4,031
39	17	97 392	40 893,365	1 054 890,017	25,796	25,334	89	67	16 750	2 311,960	9 805,980	4,241	3,779
40	18	97 260	39 939,552	1 013 996,652	25,388	24,926	90	68	13 871	1 872,464	7 494,020	4,002	3,540
41	19	97 107	38 998,911	974 057,100	24,977	24,515	91	69	11 403	1 505,379	5 621,556	3,734	3,272
42	20	96 941	38 075,900	935 058,189	24,558	24,096	92	70	9 087	1 173,318	4 116,178	3,508	3,046
43	21	96 765	37 170,150	896 982,289	24,132	23,670	93	71	7 028	887,484	2 942,860	3,316	2,854
44	22	96 558	36 274,473	859 812,139	23,703	23,241	94	72	5 310	655,816	2 055,376	3,134	2,672
45	23	96 330	35 392,626	823 537,666	23,269	22,807	95	73	3 906	471,750	1 399,561	2,967	2,505
46	24	96 076	34 522,524	788 145,040	22,830	22,368	96	74	2 794	329,978	927,810	2,812	2,350
47	25	95 790	33 662,206	753 622,516	22,388	21,926	97	75	1 940	224,109	597,832	2,668	2,206
48	26	95 472	32 812,324	719 960,310	21,942	21,480	98	76	1 305	147,442	373,723	2,535	2,073
49	27	95 109	31 968,425	687 147,986	21,495	21,033	99	77	849	93,827	226,281	2,412	1,950
							100	78	533	57,644	132,454	2,298	1,836



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	31 143,175	656 147,112	21,069	20,607
1							51	28	94 310	30 319,931	625 003,937	20,614	20,152
2							52	29	93 833	29 502,716	594 684,007	20,157	19,695
3							53	30	93 313	28 693,794	565 181,291	19,697	19,235
4							54	31	92 753	27 893,729	536 487,497	19,233	18,771
5							55	32	92 128	27 096,280	508 593,768	18,770	18,308
6							56	33	91 461	26 308,104	481 497,488	18,302	17,840
7							57	34	90 747	25 528,297	455 189,383	17,831	17,369
8							58	35	89 987	24 757,654	429 661,086	17,355	16,893
9							59	36	89 154	23 988,535	404 903,432	16,879	16,417
10							60	37	88 257	23 224,677	380 914,897	16,401	15,939
11							61	38	87 275	22 460,949	357 690,220	15,925	15,463
12							62	39	86 243	21 706,940	335 229,271	15,443	14,981
13							63	40	85 123	20 953,542	313 522,331	14,963	14,501
14							64	41	83 945	20 208,906	292 568,789	14,477	14,015
15							65	42	82 670	19 463,959	272 359,883	13,993	13,531
16							66	43	81 304	18 721,235	252 895,924	13,509	13,046
17							67	44	79 865	17 985,051	234 174,690	13,021	12,559
18							68	45	78 336	17 252,663	216 189,639	12,531	12,069
19							69	46	76 693	16 519,053	198 936,976	12,043	11,581
20							70	47	74 918	15 781,801	182 417,924	11,559	11,097
21							71	48	73 024	15 044,287	166 636,123	11,076	10,614
22							72	49	71 006	14 306,582	151 591,835	10,596	10,134
23	0	99 043	59 369,770	1 857 432,164	31,286	30,824	73	50	68 796	13 556,310	137 285,253	10,127	9,665
24	1	98 671	57 845,688	1 798 062,393	31,084	30,622	74	51	66 435	12 802,994	123 728,943	9,664	9,202
25	2	98 586	56 524,132	1 740 216,705	30,787	30,325	75	52	63 878	12 039,248	110 925,948	9,214	8,752
26	3	98 512	55 238,655	1 683 692,573	30,480	30,018	76	53	61 170	11 275,328	98 886,701	8,770	8,308
27	4	98 438	53 982,400	1 628 453,918	30,166	29,704	77	54	58 291	10 508,196	87 611,373	8,337	7,875
28	5	98 364	52 754,785	1 574 471,518	29,845	29,383	78	55	55 218	9 735,103	77 103,178	7,920	7,458
29	6	98 294	51 557,285	1 521 716,733	29,515	29,053	79	56	51 958	8 958,841	67 368,074	7,520	7,058
30	7	98 223	50 386,293	1 470 159,448	29,178	28,716	80	57	48 625	8 199,670	58 409,233	7,123	6,661
31	8	98 149	49 240,699	1 419 773,155	28,833	28,371	81	58	45 136	7 443,855	50 209,563	6,745	6,283
32	9	98 070	48 118,478	1 370 532,456	28,482	28,020	82	59	41 567	6 704,325	42 765,707	6,379	5,917
33	10	97 991	47 021,519	1 322 413,978	28,124	27,662	83	60	37 962	5 988,150	36 061,382	6,022	5,560
34	11	97 912	45 949,715	1 275 392,459	27,756	27,294	84	61	34 345	5 298,444	30 073,232	5,676	5,214
35	12	97 825	44 898,722	1 229 442,744	27,383	26,921	85	62	30 725	4 635,709	24 774,788	5,344	4,882
36	13	97 733	43 869,362	1 184 544,022	27,002	26,540	86	63	27 089	3 997,069	20 139,079	5,038	4,576
37	14	97 634	42 860,668	1 140 674,660	26,614	26,152	87	64	23 528	3 395,216	16 142,010	4,754	4,292
38	15	97 526	41 870,939	1 097 813,992	26,219	25,757	88	65	20 044	2 828,885	12 746,794	4,506	4,044
39	16	97 407	40 899,940	1 055 943,053	25,818	25,356	89	66	16 889	2 331,122	9 917,908	4,255	3,793
40	17	97 277	39 946,564	1 015 043,113	25,410	24,948	90	67	13 997	1 889,507	7 586,787	4,015	3,553
41	18	97 128	39 007,432	975 096,549	24,998	24,536	91	68	11 515	1 520,270	5 697,280	3,748	3,286
42	19	96 962	38 084,090	936 089,117	24,580	24,118	92	69	9 188	1 186,329	4 177,010	3,521	3,059
43	20	96 785	37 177,994	898 005,027	24,154	23,692	93	70	7 113	898,216	2 990,682	3,330	2,868
44	21	96 579	36 282,316	860 827,033	23,726	23,264	94	71	5 382	664,685	2 092,466	3,148	2,686
45	22	96 352	35 400,761	824 544,717	23,292	22,830	95	72	3 967	479,165	1 427,781	2,980	2,518
46	23	96 098	34 530,378	789 143,956	22,854	22,392	96	73	2 843	335,800	948,616	2,825	2,363
47	24	95 811	33 669,861	754 613,578	22,412	21,950	97	74	1 978	228,525	612,816	2,682	2,220
48	25	95 493	32 819,637	720 943,717	21,967	21,505	98	75	1 335	150,802	384,291	2,548	2,086
49	26	95 135	31 976,967	688 124,080	21,519	21,057	99	76	871	96,267	233,489	2,425	1,963
							100	77	549	59,363	137,222	2,312	1,850

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	31 151,497	657 034,375	21,092	20,630
1							51	27	94 334	30 327,759	625 882,877	20,637	20,175
2							52	28	93 857	29 510,381	595 555,118	20,181	19,719
3							53	29	93 339	28 701,755	566 044,738	19,722	19,260
4							54	30	92 778	27 901,386	537 342,983	19,259	18,797
5							55	31	92 158	27 105,117	509 441,596	18,795	18,333
6							56	32	91 493	26 317,219	482 336,479	18,328	17,866
7							57	33	90 780	25 537,537	456 019,260	17,857	17,395
8							58	34	90 024	24 767,706	430 481,723	17,381	16,919
9							59	35	89 192	23 998,762	405 714,018	16,906	16,444
10							60	36	88 298	23 235,512	381 715,256	16,428	15,966
11							61	37	87 321	22 472,785	358 479,744	15,952	15,490
12							62	38	86 294	21 719,745	336 006,958	15,470	15,008
13							63	39	85 183	20 968,288	314 287,213	14,989	14,527
14							64	40	84 005	20 223,321	293 318,925	14,504	14,042
15							65	41	82 739	19 480,146	273 095,604	14,019	13,557
16							66	42	81 381	18 738,961	253 615,458	13,534	13,072
17							67	43	79 949	18 004,055	234 876,497	13,046	12,584
18							68	44	78 425	17 272,195	216 872,443	12,556	12,094
19							69	45	76 797	16 541,426	199 600,248	12,067	11,605
20							70	46	75 035	15 806,315	183 058,822	11,581	11,119
21							71	47	73 151	15 070,441	167 252,506	11,098	10,636
22							72	48	71 138	14 333,141	152 182,066	10,617	10,155
23							73	49	68 940	13 584,731	137 848,925	10,147	9,685
24	0	98 988	58 031,366	1 799 293,838	31,006	30,544	74	50	66 591	12 832,978	124 264,194	9,683	9,221
25	1	98 614	56 540,208	1 741 262,472	30,797	30,335	75	51	64 037	12 069,310	111 431,216	9,233	8,771
26	2	98 528	55 247,562	1 684 722,264	30,494	30,032	76	52	61 340	11 306,656	99 361,906	8,788	8,326
27	3	98 452	53 990,141	1 629 474,702	30,181	29,719	77	53	58 469	10 540,229	88 055,250	8,354	7,892
28	4	98 375	52 761,108	1 575 484,561	29,861	29,399	78	54	55 394	9 766,220	77 515,021	7,937	7,475
29	5	98 303	51 561,949	1 522 723,452	29,532	29,070	79	55	52 146	8 991,187	67 748,801	7,535	7,073
30	6	98 231	50 390,333	1 471 161,503	29,195	28,733	80	56	48 810	8 230,889	58 757,613	7,139	6,677
31	7	98 157	49 244,813	1 420 771,170	28,851	28,389	81	57	45 323	7 474,698	50 526,724	6,760	6,298
32	8	98 077	48 121,467	1 371 526,357	28,501	28,039	82	58	41 757	6 735,035	43 052,026	6,392	5,930
33	9	97 997	47 024,504	1 323 404,890	28,143	27,681	83	59	38 144	6 016,901	36 316,991	6,036	5,574
34	10	97 920	45 953,417	1 276 380,386	27,776	27,314	84	60	34 534	5 327,575	30 300,091	5,687	5,225
35	11	97 833	44 902,288	1 230 426,968	27,402	26,940	85	61	30 901	4 662,216	24 972,516	5,356	4,894
36	12	97 740	43 872,725	1 185 524,680	27,022	26,560	86	62	27 260	4 022,308	20 310,300	5,049	4,587
37	13	97 644	42 864,884	1 141 651,955	26,634	26,172	87	63	23 685	3 418,010	16 287,992	4,765	4,303
38	14	97 538	41 876,123	1 098 787,071	26,239	25,777	88	64	20 189	2 849,389	12 869,982	4,517	4,055
39	15	97 421	40 905,486	1 056 910,948	25,838	25,376	89	65	17 021	2 349,311	10 020,593	4,265	3,803
40	16	97 293	39 952,987	1 016 005,462	25,430	24,968	90	66	14 113	1 905,167	7 671,282	4,027	3,565
41	17	97 145	39 014,280	976 052,475	25,018	24,556	91	67	11 620	1 534,107	5 766,115	3,759	3,297
42	18	96 983	38 092,411	937 038,195	24,599	24,137	92	68	9 279	1 198,064	4 232,009	3,532	3,070
43	19	96 806	37 185,991	898 945,784	24,174	23,712	93	69	7 192	908,176	3 033,945	3,341	2,879
44	20	96 599	36 289,972	861 759,793	23,746	23,284	94	70	5 447	672,722	2 125,768	3,160	2,698
45	21	96 373	35 408,415	825 469,821	23,313	22,851	95	71	4 021	485,645	1 453,046	2,992	2,530
46	22	96 120	34 538,314	790 061,406	22,875	22,413	96	72	2 888	341,078	967,400	2,836	2,374
47	23	95 833	33 677,521	755 523,092	22,434	21,972	97	73	2 013	232,557	626,323	2,693	2,231
48	24	95 515	32 827,101	721 845,570	21,989	21,527	98	74	1 361	153,773	393,766	2,561	2,099
49	25	95 156	31 984,095	689 018,470	21,543	21,081	99	75	891	98,461	239,993	2,437	1,975
							100	76	564	60,907	141,532	2,324	1,862

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 2,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	31 158,441	657 847,115	21,113	20,651
1							51	26	94 359	30 335,864	626 688,675	20,658	20,196
2							52	27	93 881	29 518,000	596 352,811	20,203	19,741
3							53	28	93 363	28 709,212	566 834,811	19,744	19,282
4							54	29	92 804	27 909,127	538 125,599	19,281	18,819
5							55	30	92 183	27 112,558	510 216,472	18,818	18,356
6							56	31	91 522	26 325,802	483 103,914	18,351	17,889
7							57	32	90 811	25 546,385	456 778,112	17,880	17,418
8							58	33	90 057	24 776,670	431 231,728	17,405	16,943
9							59	34	89 228	24 008,505	406 455,058	16,930	16,468
10							60	35	88 336	23 245,418	382 446,553	16,453	15,991
11							61	36	87 362	22 483,270	359 201,135	15,976	15,514
12							62	37	86 339	21 731,191	336 717,865	15,495	15,033
13							63	38	85 233	20 980,658	314 986,674	15,013	14,551
14							64	39	84 064	20 237,553	294 006,016	14,528	14,066
15							65	40	82 798	19 494,041	273 768,463	14,044	13,582
16							66	41	81 449	18 754,545	254 274,421	13,558	13,096
17							67	42	80 025	18 021,102	235 519,876	13,069	12,607
18							68	43	78 508	17 290,446	217 498,775	12,579	12,117
19							69	44	76 884	16 560,152	200 208,329	12,090	11,628
20							70	45	75 136	15 827,723	183 648,176	11,603	11,141
21							71	46	73 265	15 093,850	167 820,453	11,118	10,656
22							72	47	71 261	14 358,058	152 726,603	10,637	10,175
23							73	48	69 068	13 609,949	138 368,545	10,167	9,705
24							74	49	66 730	12 859,882	124 758,595	9,701	9,239
25	0	98 931	56 721,695	1 742 404,534	30,718	30,256	75	50	64 187	12 097,575	111 898,714	9,250	8,788
26	1	98 556	55 263,275	1 685 682,839	30,503	30,041	76	51	61 494	11 334,889	99 801,138	8,805	8,343
27	2	98 468	53 998,847	1 630 419,564	30,194	29,732	77	52	58 631	10 569,516	88 466,249	8,370	7,908
28	3	98 390	52 768,674	1 576 420,717	29,874	29,412	78	53	55 563	9 795,992	77 896,733	7,952	7,490
29	4	98 314	51 568,130	1 523 652,043	29,546	29,084	79	54	52 312	9 019,926	68 100,742	7,550	7,088
30	5	98 239	50 394,892	1 472 083,913	29,211	28,749	80	55	48 987	8 260,607	59 080,815	7,152	6,690
31	6	98 165	49 248,762	1 421 689,021	28,868	28,405	81	56	45 496	7 503,157	50 820,208	6,773	6,311
32	7	98 085	48 125,488	1 372 440,260	28,518	28,056	82	57	41 930	6 762,941	43 317,052	6,405	5,943
33	8	98 003	47 027,425	1 324 314,772	28,160	27,698	83	58	38 319	6 044,461	36 554,111	6,048	5,586
34	9	97 926	45 956,335	1 277 287,347	27,793	27,331	84	59	34 700	5 353,154	30 509,650	5,699	5,237
35	10	97 841	44 905,906	1 231 331,012	27,420	26,958	85	60	31 071	4 687,848	25 156,496	5,366	4,904
36	11	97 748	43 876,210	1 186 425,106	27,040	26,578	86	61	27 416	4 045,308	20 468,648	5,060	4,598
37	12	97 651	42 868,170	1 142 548,896	26,653	26,191	87	62	23 835	3 439,592	16 423,340	4,775	4,313
38	13	97 547	41 880,243	1 099 680,726	26,258	25,796	88	63	20 325	2 868,518	12 983,747	4,526	4,064
39	14	97 433	40 910,550	1 057 800,483	25,856	25,394	89	64	17 144	2 366,339	10 115,229	4,275	3,813
40	15	97 306	39 958,404	1 016 889,933	25,449	24,987	90	65	14 224	1 920,032	7 748,890	4,036	3,574
41	16	97 160	39 020,554	976 931,529	25,036	24,574	91	66	11 717	1 546,821	5 828,858	3,768	3,306
42	17	97 001	38 099,099	937 910,976	24,618	24,156	92	67	9 364	1 208,968	4 282,037	3,542	3,080
43	18	96 827	37 194,115	899 811,877	24,192	23,730	93	68	7 263	917,160	3 073,068	3,351	2,889
44	19	96 620	36 297,778	862 617,762	23,765	23,303	94	69	5 508	680,182	2 155,908	3,170	2,708
45	20	96 393	35 415,887	826 319,983	23,332	22,870	95	70	4 070	491,518	1 475,726	3,002	2,540
46	21	96 141	34 545,781	790 904,096	22,894	22,432	96	71	2 927	345,690	984,208	2,847	2,385
47	22	95 855	33 685,262	756 358,315	22,454	21,992	97	72	2 045	236,212	638,517	2,703	2,241
48	23	95 537	32 834,569	722 673,053	22,010	21,548	98	73	1 385	156,486	402,305	2,571	2,109
49	24	95 178	31 991,368	689 838,484	21,563	21,101	99	74	909	100,401	245,819	2,448	1,986
							100	75	576	62,295	145,418	2,334	1,872

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 361 640,502	33,616	33,154	50	50	93 003	27 058,531	504 903,159	18,660	18,197
1	1	99 275	96 853,802	3 261 640,502	33,676	33,213	51	51	92 389	26 224,378	477 844,628	18,221	17,759
2	2	99 212	94 431,024	3 164 786,700	33,514	33,052	52	52	91 717	25 398,506	451 620,250	17,781	17,319
3	3	99 177	92 095,246	3 070 355,676	33,339	32,876	53	53	90 982	24 580,406	426 221,744	17,340	16,877
4	4	99 147	89 822,573	2 978 260,430	33,157	32,695	54	54	90 185	23 770,833	401 641,338	16,896	16,434
5	5	99 121	87 608,650	2 888 437,857	32,970	32,507	55	55	89 321	22 969,028	377 870,505	16,451	15,989
6	6	99 101	85 454,233	2 800 829,207	32,776	32,313	56	56	88 386	22 174,160	354 901,477	16,005	15,543
7	7	99 082	83 354,511	2 715 374,974	32,576	32,114	57	57	87 395	21 390,736	332 727,317	15,555	15,092
8	8	99 064	81 306,816	2 632 020,463	32,371	31,909	58	58	86 341	20 617,375	311 336,581	15,101	14,638
9	9	99 049	79 311,170	2 550 713,647	32,161	31,698	59	59	85 187	19 845,745	290 719,206	14,649	14,187
10	10	99 034	77 365,197	2 471 402,476	31,945	31,482	60	60	83 967	19 084,254	270 873,461	14,194	13,731
11	11	99 017	75 465,412	2 394 037,279	31,724	31,261	61	61	82 622	18 320,642	252 789,206	13,743	13,281
12	12	99 000	73 611,787	2 318 571,867	31,497	31,035	62	62	81 229	17 572,379	233 468,565	13,286	12,824
13	13	98 982	71 803,364	2 244 960,079	31,265	30,803	63	63	79 727	16 826,767	215 896,186	12,831	12,368
14	14	98 963	70 039,038	2 173 156,716	31,028	30,565	64	64	78 155	16 092,715	199 069,419	12,370	11,908
15	15	98 935	68 311,043	2 103 117,677	30,787	30,325	65	65	76 477	15 363,203	182 976,704	11,910	11,448
16	16	98 902	66 622,576	2 034 806,635	30,542	30,080	66	66	74 702	14 640,637	167 613,501	11,449	10,986
17	17	98 856	64 967,915	1 968 184,059	30,295	29,832	67	67	72 853	13 929,987	152 972,864	10,982	10,519
18	18	98 805	63 350,568	1 903 216,144	30,043	29,580	68	68	70 895	13 224,860	139 042,876	10,514	10,051
19	19	98 729	61 757,591	1 839 865,576	29,792	29,329	69	69	68 821	12 524,846	125 818,016	10,045	9,583
20	20	98 654	60 205,503	1 778 107,985	29,534	29,072	70	70	66 595	11 824,093	113 293,171	9,582	9,119
21	21	98 574	58 689,601	1 717 902,483	29,271	28,809	71	71	64 247	11 129,006	101 469,077	9,118	8,655
22	22	98 497	57 213,489	1 659 212,882	29,000	28,538	72	72	61 752	10 435,946	90 340,071	8,657	8,194
23	23	98 419	55 773,812	1 601 999,393	28,723	28,261	73	73	59 028	9 732,246	79 904,126	8,210	7,748
24	24	98 342	54 371,137	1 546 225,580	28,438	27,976	74	74	56 145	9 031,165	70 171,880	7,770	7,308
25	25	98 263	53 002,399	1 491 854,443	28,147	27,685	75	75	53 072	8 328,746	61 140,715	7,341	6,879
26	26	98 183	51 667,495	1 438 852,045	27,848	27,386	76	76	49 829	7 629,005	52 811,969	6,923	6,460
27	27	98 097	50 363,068	1 387 184,550	27,544	27,081	77	77	46 421	6 933,906	45 182,964	6,516	6,054
28	28	98 010	49 090,927	1 336 821,482	27,232	26,769	78	78	42 837	6 242,456	38 249,057	6,127	5,665
29	29	97 924	47 851,476	1 287 730,555	26,911	26,449	79	79	39 108	5 560,091	32 006,602	5,756	5,294
30	30	97 833	46 641,392	1 239 879,078	26,583	26,121	80	80	35 359	4 904,494	26 446,510	5,392	4,930
31	31	97 742	45 461,090	1 193 237,686	26,247	25,785	81	81	31 529	4 266,517	21 542,017	5,049	4,587
32	32	97 637	44 304,958	1 147 776,596	25,906	25,444	82	82	27 725	3 660,234	17 275,500	4,720	4,257
33	33	97 531	43 177,121	1 103 471,638	25,557	25,094	83	83	23 995	3 090,570	13 615,266	4,405	3,943
34	34	97 425	42 078,199	1 060 294,517	25,198	24,736	84	84	20 410	2 564,753	10 524,696	4,104	3,641
35	35	97 306	41 002,086	1 018 216,319	24,833	24,371	85	85	17 005	2 084,715	7 959,942	3,818	3,356
36	36	97 181	39 950,381	977 214,233	24,461	23,998	86	86	13 800	1 650,541	5 875,227	3,560	3,097
37	37	97 047	38 922,269	937 263,852	24,080	23,618	87	87	10 900	1 271,903	4 224,687	3,322	2,859
38	38	96 900	37 915,460	898 341,583	23,693	23,231	88	88	8 281	942,730	2 952,784	3,132	2,670
39	39	96 738	36 929,082	860 426,123	23,299	22,837	89	89	6 150	683,015	2 010,054	2,943	2,480
40	40	96 557	35 960,772	823 497,042	22,900	22,437	90	90	4 421	479,019	1 327,039	2,770	2,308
41	41	96 357	35 010,875	787 536,269	22,494	22,032	91	91	3 126	330,475	848,020	2,566	2,104
42	42	96 134	34 077,872	752 525,395	22,083	21,620	92	92	2 083	214,817	517,544	2,409	1,947
43	43	95 888	33 161,692	718 447,522	21,665	21,203	93	93	1 322	133,046	302,728	2,275	1,813
44	44	95 602	32 256,568	685 285,830	21,245	20,782	94	94	803	78,838	169,682	2,152	1,690
45	45	95 291	31 367,341	653 029,262	20,819	20,356	95	95	465	44,510	90,844	2,041	1,579
46	46	94 933	30 487,225	621 661,920	20,391	19,928	96	96	256	23,880	46,334	1,940	1,478
47	47	94 524	29 615,704	591 174,696	19,962	19,499	97	97	133	12,142	22,454	1,849	1,387
48	48	94 068	28 754,007	561 558,992	19,530	19,067	98	98	66	5,836	10,312	1,767	1,304
49	49	93 563	27 901,826	532 804,985	19,096	18,633	99	99	30	2,645	4,476	1,692	1,230
							100	100	13	1,127	1,831	1,625	1,162

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	3 354 689,928	33,655	33,192	50	51	92 786	26 995,309	499 183,214	18,491	18,029
1	2	99 247	96 826,263	3 255 009,890	33,617	33,155	51	52	92 159	26 159,059	472 187,905	18,051	17,588
2	3	99 196	94 415,800	3 158 183,627	33,450	32,987	52	53	91 463	25 328,131	446 028,846	17,610	17,148
3	4	99 162	92 082,041	3 063 767,826	33,272	32,810	53	54	90 705	24 505,702	420 700,715	17,167	16,705
4	5	99 135	89 811,808	2 971 685,786	33,088	32,625	54	55	89 897	23 695,095	396 195,014	16,721	16,258
5	6	99 112	87 600,725	2 881 873,978	32,898	32,435	55	56	89 000	22 886,396	372 499,918	16,276	15,814
6	7	99 093	85 447,382	2 794 273,253	32,702	32,239	56	57	88 051	22 090,056	349 613,522	15,827	15,364
7	8	99 074	83 347,547	2 708 825,871	32,500	32,038	57	58	87 034	21 302,472	327 523,466	15,375	14,912
8	9	99 058	81 301,766	2 625 478,324	32,293	31,831	58	59	85 947	20 523,367	306 220,994	14,921	14,458
9	10	99 042	79 306,135	2 544 176,558	32,080	31,618	59	60	84 780	19 750,915	285 697,627	14,465	14,003
10	11	99 026	77 358,965	2 464 870,423	31,863	31,400	60	61	83 508	18 979,904	265 946,712	14,012	13,550
11	12	99 009	75 459,419	2 387 511,458	31,640	31,177	61	62	82 152	18 216,481	246 966,808	13,557	13,095
12	13	98 992	73 606,145	2 312 052,039	31,411	30,949	62	63	80 719	17 462,116	228 750,327	13,100	12,637
13	14	98 972	71 796,300	2 238 445,894	31,178	30,715	63	64	79 195	16 714,556	211 288,211	12,641	12,179
14	15	98 951	70 030,368	2 166 649,594	30,939	30,476	64	65	77 593	15 976,915	194 573,656	12,178	11,716
15	16	98 921	68 301,782	2 096 619,226	30,696	30,234	65	66	75 885	15 244,255	178 596,741	11,716	11,253
16	17	98 886	66 611,865	2 028 317,444	30,450	29,987	66	67	74 088	14 520,294	163 352,486	11,250	10,788
17	18	98 839	64 956,511	1 961 705,579	30,200	29,738	67	68	72 196	13 804,344	148 832,192	10,782	10,319
18	19	98 784	63 336,729	1 896 749,068	29,947	29,485	68	69	70 200	13 095,321	135 027,848	10,311	9,849
19	20	98 708	61 744,310	1 833 412,338	29,694	29,231	69	70	68 066	12 387,478	121 932,528	9,843	9,381
20	21	98 633	60 192,800	1 771 668,028	29,433	28,971	70	71	65 799	11 682,816	109 545,050	9,377	8,914
21	22	98 553	58 676,915	1 711 475,229	29,168	28,705	71	72	63 389	10 980,512	97 862,234	8,912	8,450
22	23	98 474	57 200,342	1 652 798,313	28,895	28,432	72	73	60 796	10 274,448	86 881,722	8,456	7,994
23	24	98 397	55 761,126	1 595 597,972	28,615	28,152	73	74	58 004	9 563,533	76 607,274	8,010	7,548
24	25	98 320	54 358,776	1 539 836,845	28,327	27,865	74	75	55 060	8 856,646	67 043,740	7,570	7,107
25	26	98 242	52 990,587	1 485 478,070	28,033	27,570	75	76	51 890	8 143,172	58 187,094	7,146	6,683
26	27	98 157	51 653,691	1 432 487,482	27,733	27,270	76	77	48 566	7 435,628	50 043,922	6,730	6,268
27	28	98 072	50 350,068	1 380 833,791	27,425	26,962	77	78	45 077	6 733,140	42 608,295	6,328	5,866
28	29	97 984	49 078,176	1 330 483,723	27,109	26,647	78	79	41 412	6 034,843	35 875,155	5,945	5,482
29	30	97 896	47 838,204	1 281 405,547	26,786	26,324	79	80	37 640	5 351,306	29 840,312	5,576	5,114
30	31	97 807	46 628,592	1 233 567,342	26,455	25,993	80	81	33 826	4 691,770	24 489,005	5,220	4,757
31	32	97 710	45 446,268	1 186 938,750	26,117	25,655	81	82	29 968	4 055,342	19 797,235	4,882	4,419
32	33	97 604	44 289,613	1 141 492,482	25,773	25,311	82	83	26 148	3 452,085	15 741,893	4,560	4,098
33	34	97 495	43 161,500	1 097 202,869	25,421	24,958	83	84	22 436	2 889,810	12 289,808	4,253	3,790
34	35	97 385	42 061,122	1 054 041,369	25,060	24,597	84	85	18 900	2 374,998	9 399,999	3,958	3,495
35	36	97 265	40 984,613	1 011 980,247	24,692	24,229	85	86	15 555	1 906,898	7 025,001	3,684	3,222
36	37	97 135	39 931,751	970 995,634	24,316	23,854	86	87	12 466	1 491,018	5 118,102	3,433	2,970
37	38	96 996	38 901,768	931 063,882	23,934	23,471	87	88	9 650	1 126,065	3 627,084	3,221	2,759
38	39	96 843	37 893,106	892 162,114	23,544	23,082	88	89	7 242	824,453	2 501,020	3,034	2,571
39	40	96 670	36 903,111	854 269,008	23,149	22,687	89	90	5 290	587,551	1 676,567	2,853	2,391
40	41	96 488	35 935,140	817 365,897	22,746	22,283	90	91	3 766	408,030	1 089,016	2,669	2,207
41	42	96 277	34 981,781	781 430,757	22,338	21,876	91	92	2 585	273,255	680,985	2,492	2,030
42	43	96 043	34 045,637	746 448,976	21,925	21,463	92	93	1 689	174,220	407,730	2,340	1,878
43	44	95 786	33 126,688	712 403,340	21,505	21,043	93	94	1 049	105,521	233,510	2,213	1,751
44	45	95 494	32 220,092	679 276,651	21,082	20,620	94	95	622	61,068	127,989	2,096	1,633
45	46	95 162	31 324,915	647 056,559	20,656	20,194	95	96	351	33,630	66,921	1,990	1,528
46	47	94 785	30 439,941	615 731,644	20,228	19,765	96	97	188	17,576	33,291	1,894	1,432
47	48	94 360	29 564,308	585 291,703	19,797	19,335	97	98	95	8,694	15,715	1,807	1,345
48	49	93 894	28 700,727	555 727,395	19,363	18,900	98	99	46	4,060	7,021	1,729	1,267
49	50	93 367	27 843,454	527 026,668	18,928	18,466	99	100	21	1,785	2,960	1,658	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	3 347 554,471	33,593	33,130	50	52	92 555	26 928,070	493 047,618	18,310	17,847
1	3	99 231	96 810,653	3 247 902,775	33,549	33,087	51	53	91 904	26 086,576	466 119,548	17,868	17,406
2	4	99 181	94 402,262	3 151 092,121	33,379	32,917	52	54	91 185	25 251,154	440 032,972	17,426	16,964
3	5	99 150	92 071,005	3 056 689,859	33,199	32,737	53	55	90 416	24 427,623	414 781,818	16,980	16,518
4	6	99 126	89 803,683	2 964 618,854	33,012	32,550	54	56	89 574	23 609,851	390 354,195	16,534	16,071
5	7	99 104	87 593,702	2 874 815,171	32,820	32,357	55	57	88 662	22 799,591	366 744,344	16,086	15,623
6	8	99 084	85 440,243	2 787 221,469	32,622	32,159	56	58	87 687	21 998,906	343 944,753	15,635	15,172
7	9	99 068	83 342,370	2 701 781,226	32,418	31,955	57	59	86 637	21 205,340	321 945,847	15,182	14,720
8	10	99 052	81 296,605	2 618 438,856	32,208	31,746	58	60	85 537	20 425,299	300 740,507	14,724	14,262
9	11	99 035	79 299,746	2 537 142,251	31,994	31,532	59	61	84 317	19 642,920	280 315,208	14,271	13,808
10	12	99 018	77 352,821	2 457 842,505	31,774	31,312	60	62	83 033	18 871,994	260 672,288	13,813	13,350
11	13	99 002	75 453,635	2 380 489,684	31,549	31,087	61	63	81 637	18 102,176	241 800,294	13,358	12,895
12	14	98 982	73 598,904	2 305 036,049	31,319	30,856	62	64	80 181	17 345,667	223 698,117	12,896	12,434
13	15	98 960	71 787,412	2 231 437,145	31,084	30,622	63	65	78 625	16 594,281	206 352,540	12,435	11,973
14	16	98 938	70 020,875	2 159 649,733	30,843	30,381	64	66	76 992	15 853,215	189 758,169	11,970	11,507
15	17	98 905	68 290,802	2 089 628,858	30,599	30,137	65	67	75 262	15 118,951	173 904,955	11,502	11,040
16	18	98 868	66 600,172	2 021 338,056	30,350	29,888	66	68	73 420	14 389,327	158 786,004	11,035	10,573
17	19	98 817	64 942,322	1 954 737,884	30,100	29,637	67	69	71 489	13 669,128	144 396,677	10,564	10,101
18	20	98 762	63 323,109	1 889 795,562	29,844	29,381	68	70	69 430	12 951,696	130 727,549	10,093	9,631
19	21	98 687	61 731,283	1 826 472,454	29,587	29,125	69	71	67 253	12 239,469	117 775,854	9,623	9,160
20	22	98 612	60 179,789	1 764 741,171	29,324	28,862	70	72	64 921	11 526,933	105 536,384	9,156	8,693
21	23	98 530	58 663,432	1 704 561,382	29,057	28,594	71	73	62 408	10 810,587	94 009,452	8,696	8,234
22	24	98 452	57 187,331	1 645 897,950	28,781	28,318	72	74	59 742	10 096,336	83 198,865	8,241	7,778
23	25	98 374	55 748,449	1 588 710,619	28,498	28,035	73	75	56 883	9 378,727	73 102,529	7,795	7,332
24	26	98 298	54 346,662	1 532 962,170	28,207	27,745	74	76	53 833	8 659,310	63 723,802	7,359	6,897
25	27	98 215	52 976,431	1 478 615,508	27,911	27,448	75	77	50 575	7 936,761	55 064,492	6,938	6,475
26	28	98 132	51 640,358	1 425 639,077	27,607	27,145	76	78	47 160	7 220,334	47 127,730	6,527	6,065
27	29	98 046	50 336,991	1 373 998,720	27,296	26,834	77	79	43 578	6 509,209	39 907,396	6,131	5,668
28	30	97 957	49 064,564	1 323 661,729	26,978	26,516	78	80	39 857	5 808,231	33 398,188	5,750	5,288
29	31	97 870	47 825,075	1 274 597,165	26,651	26,189	79	81	36 007	5 119,203	27 589,956	5,390	4,927
30	32	97 775	46 613,390	1 226 772,090	26,318	25,856	80	82	32 151	4 459,547	22 470,753	5,039	4,576
31	33	97 676	45 430,528	1 180 158,700	25,977	25,515	81	83	28 264	3 824,724	18 011,206	4,709	4,247
32	34	97 568	44 273,590	1 134 728,172	25,630	25,167	82	84	24 449	3 227,840	14 186,482	4,395	3,933
33	35	97 456	43 143,984	1 090 454,582	25,275	24,812	83	85	20 776	2 676,005	10 958,642	4,095	3,633
34	36	97 344	42 043,198	1 047 310,598	24,910	24,448	84	86	17 288	2 172,422	8 282,637	3,813	3,350
35	37	97 220	40 965,501	1 005 267,400	24,539	24,077	85	87	14 051	1 722,599	6 110,216	3,547	3,085
36	38	97 084	39 910,719	964 301,899	24,161	23,699	86	88	11 037	1 320,056	4 387,616	3,324	2,861
37	39	96 938	38 878,833	924 391,180	23,776	23,314	87	89	8 440	984,786	3 067,561	3,115	2,653
38	40	96 775	37 866,457	885 512,347	23,385	22,923	88	90	6 230	709,220	2 082,774	2,937	2,474
39	41	96 602	36 876,807	847 645,890	22,986	22,523	89	91	4 506	500,478	1 373,554	2,744	2,282
40	42	96 408	35 905,278	810 769,083	22,581	22,118	90	92	3 114	337,382	873,076	2,588	2,125
41	43	96 185	34 948,690	774 863,804	22,171	21,709	91	93	2 096	221,615	535,694	2,417	1,955
42	44	95 941	34 009,700	739 915,114	21,756	21,294	92	94	1 340	138,177	314,079	2,273	1,811
43	45	95 678	33 089,228	705 905,414	21,333	20,871	93	95	812	81,738	175,903	2,152	1,690
44	46	95 365	32 176,512	672 816,186	20,910	20,448	94	96	470	46,140	94,165	2,041	1,578
45	47	95 014	31 276,333	640 639,674	20,483	20,021	95	97	258	24,752	48,025	1,940	1,478
46	48	94 621	30 387,116	609 363,342	20,053	19,591	96	98	135	12,585	23,273	1,849	1,387
47	49	94 185	29 509,526	578 976,226	19,620	19,158	97	99	66	6,049	10,688	1,767	1,305
48	50	93 698	28 640,683	549 466,700	19,185	18,722	98	100	31	2,741	4,639	1,692	1,230
49	51	93 149	27 778,399	520 826,017	18,749	18,287							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	3 339 921,098	33,521	33,059	50	53	92 298	26 853,457	486 480,699	18,116	17,654
1	4	99 217	96 796,772	3 240 285,467	33,475	33,013	51	54	91 625	26 007,294	459 627,243	17,673	17,211
2	5	99 169	94 390,948	3 143 488,695	33,303	32,840	52	55	90 894	25 170,700	433 619,948	17,227	16,765
3	6	99 141	92 062,676	3 049 097,747	33,120	32,657	53	56	90 091	24 339,743	408 449,248	16,781	16,319
4	7	99 119	89 796,483	2 957 035,071	32,930	32,468	54	57	89 234	23 520,302	384 109,505	16,331	15,869
5	8	99 096	87 586,384	2 867 238,588	32,736	32,274	55	58	88 297	22 705,513	360 589,203	15,881	15,419
6	9	99 078	85 434,936	2 779 652,204	32,535	32,073	56	59	87 288	21 898,599	337 883,690	15,429	14,967
7	10	99 062	83 337,079	2 694 217,267	32,329	31,867	57	60	86 223	21 104,013	315 985,091	14,973	14,510
8	11	99 044	81 290,055	2 610 880,188	32,118	31,656	58	61	85 069	20 313,616	294 881,078	14,516	14,054
9	12	99 027	79 293,448	2 529 590,133	31,902	31,439	59	62	83 837	19 531,241	274 567,461	14,058	13,595
10	13	99 011	77 346,891	2 450 296,684	31,679	31,217	60	63	82 512	18 753,577	255 036,221	13,599	13,137
11	14	98 992	75 446,212	2 372 949,793	31,452	30,990	61	64	81 093	17 981,459	236 982,644	13,140	12,678
12	15	98 970	73 589,793	2 297 503,581	31,220	30,758	62	65	79 604	17 220,851	218 301,185	12,677	12,214
13	16	98 946	71 777,681	2 223 913,788	30,983	30,521	63	66	78 016	16 465,801	201 080,334	12,212	11,750
14	17	98 922	70 009,618	2 152 136,107	30,741	30,278	64	67	76 359	15 722,905	184 614,533	11,742	11,279
15	18	98 888	68 278,814	2 082 126,490	30,494	30,032	65	68	74 583	14 982,583	168 891,628	11,273	10,810
16	19	98 847	66 585,624	2 013 847,675	30,244	29,782	66	69	72 701	14 248,381	153 909,045	10,802	10,339
17	20	98 796	64 928,356	1 947 262,051	29,991	29,529	67	70	70 705	13 519,210	139 660,664	10,331	9,868
18	21	98 742	63 309,748	1 882 333,695	29,732	29,270	68	71	68 601	12 796,946	126 141,454	9,857	9,395
19	22	98 665	61 717,940	1 819 023,947	29,473	29,011	69	72	66 355	12 076,158	113 344,508	9,386	8,923
20	23	98 589	60 165,960	1 757 306,007	29,208	28,745	70	73	63 916	11 348,552	101 268,349	8,923	8,461
21	24	98 508	58 650,088	1 697 140,047	28,937	28,474	71	74	61 327	10 623,181	89 919,798	8,464	8,002
22	25	98 430	57 174,329	1 638 489,959	28,658	28,195	72	75	58 588	9 901,234	79 296,617	8,009	7,546
23	26	98 352	55 736,026	1 581 315,629	28,372	27,909	73	76	55 616	9 169,758	69 395,383	7,568	7,105
24	27	98 272	54 332,143	1 525 579,604	28,079	27,616	74	77	52 469	8 439,816	60 225,625	7,136	6,673
25	28	98 190	52 962,756	1 471 247,461	27,779	27,316	75	78	49 110	7 706,958	51 785,809	6,719	6,257
26	29	98 106	51 626,945	1 418 284,705	27,472	27,009	76	79	45 591	6 980,200	44 078,851	6,315	5,852
27	30	98 019	50 323,029	1 366 657,760	27,158	26,695	77	80	41 941	6 264,784	37 098,651	5,922	5,459
28	31	97 930	49 051,099	1 316 334,731	26,836	26,374	78	81	38 128	5 556,310	30 833,867	5,549	5,087
29	32	97 838	47 809,483	1 267 283,632	26,507	26,045	79	82	34 225	4 865,824	25 277,558	5,195	4,732
30	33	97 741	46 597,246	1 219 474,149	26,171	25,708	80	83	30 323	4 205,943	20 411,733	4,853	4,391
31	34	97 641	45 414,092	1 172 876,903	25,826	25,364	81	84	26 428	3 576,273	16 205,791	4,531	4,069
32	35	97 529	44 255,623	1 127 462,812	25,476	25,014	82	85	22 641	2 989,026	12 629,518	4,225	3,763
33	36	97 414	43 125,598	1 083 207,189	25,117	24,655	83	86	19 004	2 447,754	9 640,492	3,939	3,476
34	37	97 298	42 023,592	1 040 081,591	24,750	24,288	84	87	15 617	1 962,460	7 192,738	3,665	3,203
35	38	97 168	40 943,925	998 057,999	24,376	23,914	85	88	12 440	1 525,083	5 230,278	3,430	2,967
36	39	97 027	39 887,189	957 114,074	23,996	23,533	86	89	9 652	1 154,439	3 705,195	3,210	2,747
37	40	96 870	38 851,491	917 226,885	23,609	23,146	87	90	7 260	847,144	2 550,756	3,011	2,549
38	41	96 706	37 839,466	878 375,394	23,213	22,751	88	91	5 307	604,116	1 703,612	2,820	2,358
39	42	96 521	36 846,163	840 535,928	22,812	22,350	89	92	3 726	413,823	1 099,496	2,657	2,195
40	43	96 317	35 871,314	803 689,765	22,405	21,942	90	93	2 525	273,623	685,673	2,506	2,043
41	44	96 084	34 911,800	767 818,451	21,993	21,531	91	94	1 663	175,766	412,050	2,344	1,882
42	45	95 833	33 971,241	732 906,651	21,574	21,112	92	95	1 038	107,033	236,284	2,208	1,745
43	46	95 549	33 044,473	698 935,410	21,151	20,689	93	96	614	61,757	129,251	2,093	1,630
44	47	95 217	32 126,609	665 890,937	20,727	20,265	94	97	346	33,960	67,494	1,987	1,525
45	48	94 850	31 222,055	633 764,328	20,299	19,836	95	98	185	17,723	33,534	1,892	1,430
46	49	94 446	30 330,809	602 542,273	19,866	19,403	96	99	94	8,756	15,811	1,806	1,343
47	50	93 988	29 447,790	572 211,464	19,431	18,969	97	100	45	4,084	7,055	1,728	1,265
48	51	93 479	28 573,765	542 763,673	18,995	18,533							
49	52	92 917	27 709,209	514 189,908	18,557	18,094							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	3 331 757,139	33,444	32,982	50	54	92 018	26 771,844	479 471,754	17,910	17,447
1	5	99 205	96 785,171	3 232 135,795	33,395	32,933	51	55	91 333	25 924,431	452 699,910	17,462	17,000
2	6	99 161	94 382,410	3 135 350,624	33,220	32,757	52	56	90 567	25 080,148	426 775,479	17,016	16,554
3	7	99 133	92 055,295	3 040 968,214	33,034	32,572	53	57	89 749	24 247,425	401 695,331	16,567	16,104
4	8	99 110	89 788,981	2 948 912,919	32,843	32,380	54	58	88 866	23 423,250	377 447,906	16,114	15,652
5	9	99 090	87 580,944	2 859 123,938	32,646	32,183	55	59	87 894	22 601,984	354 024,656	15,663	15,201
6	10	99 072	85 429,513	2 771 542,994	32,442	31,980	56	60	86 871	21 793,960	331 422,671	15,207	14,745
7	11	99 054	83 330,366	2 686 113,482	32,235	31,772	57	61	85 752	20 988,619	309 628,711	14,752	14,290
8	12	99 036	81 283,599	2 602 783,116	32,021	31,559	58	62	84 585	20 198,124	288 640,092	14,290	13,828
9	13	99 019	79 287,370	2 521 499,517	31,802	31,340	59	63	83 311	19 408,686	268 441,968	13,831	13,369
10	14	99 001	77 339,283	2 442 212,146	31,578	31,115	60	64	81 962	18 628,516	249 033,282	13,368	12,906
11	15	98 980	75 436,872	2 364 872,864	31,349	30,887	61	65	80 509	17 852,068	230 404,766	12,906	12,444
12	16	98 957	73 579,817	2 289 435,991	31,115	30,653	62	66	78 988	17 087,520	212 552,698	12,439	11,977
13	17	98 930	71 766,141	2 215 856,175	30,876	30,414	63	67	77 375	16 330,456	195 465,178	11,969	11,507
14	18	98 904	69 997,329	2 144 090,033	30,631	30,169	64	68	75 670	15 581,090	179 134,722	11,497	11,035
15	19	98 866	68 263,900	2 074 092,704	30,383	29,921	65	69	73 852	14 835,827	163 553,632	11,024	10,562
16	20	98 825	66 571,305	2 005 828,805	30,131	29,668	66	70	71 904	14 092,110	148 717,806	10,553	10,091
17	21	98 775	64 914,657	1 939 257,500	29,874	29,412	67	71	69 860	13 357,679	134 625,696	10,079	9,616
18	22	98 720	63 296,064	1 874 342,844	29,612	29,150	68	72	67 685	12 626,196	121 268,016	9,604	9,142
19	23	98 643	61 703,757	1 811 046,780	29,351	28,888	69	73	65 328	11 889,278	108 641,820	9,138	8,675
20	24	98 567	60 152,275	1 749 343,022	29,082	28,619	70	74	62 808	11 151,820	96 752,542	8,676	8,214
21	25	98 485	58 636,754	1 689 190,747	28,808	28,345	71	75	60 142	10 417,898	85 600,722	8,217	7,754
22	26	98 408	57 161,588	1 630 553,993	28,525	28,063	72	76	57 282	9 680,623	75 182,824	7,766	7,304
23	27	98 326	55 721,135	1 573 392,405	28,237	27,774	73	77	54 206	8 937,326	65 502,201	7,329	6,867
24	28	98 247	54 318,118	1 517 671,269	27,940	27,478	74	78	50 949	8 195,447	56 564,876	6,902	6,440
25	29	98 164	52 948,999	1 463 353,151	27,637	27,175	75	79	47 477	7 450,639	48 369,428	6,492	6,030
26	30	98 079	51 612,626	1 410 404,152	27,327	26,864	76	80	43 879	6 718,089	40 918,789	6,091	5,628
27	31	97 992	50 309,218	1 358 791,526	27,009	26,546	77	81	40 122	5 993,060	34 200,700	5,707	5,244
28	32	97 898	49 035,107	1 308 482,308	26,685	26,222	78	82	36 241	5 281,296	28 207,640	5,341	4,879
29	33	97 804	47 792,925	1 259 447,201	26,352	25,890	79	83	32 279	4 589,115	22 926,344	4,996	4,533
30	34	97 706	46 580,387	1 211 654,276	26,012	25,550	80	84	28 353	3 932,728	18 337,229	4,663	4,200
31	35	97 601	45 395,662	1 165 073,889	25,665	25,202	81	85	24 473	3 311,680	14 404,500	4,350	3,887
32	36	97 487	44 236,763	1 119 678,227	25,311	24,849	82	86	20 709	2 734,076	11 092,821	4,057	3,595
33	37	97 369	43 105,488	1 075 441,464	24,949	24,487	83	87	17 167	2 211,182	8 358,745	3,780	3,318
34	38	97 247	42 001,459	1 032 335,977	24,579	24,116	84	88	13 827	1 737,441	6 147,563	3,538	3,076
35	39	97 111	40 919,785	990 334,518	24,202	23,739	85	89	10 879	1 333,743	4 410,122	3,307	2,844
36	40	96 959	39 859,138	949 414,733	23,819	23,357	86	90	8 303	993,084	3 076,378	3,098	2,635
37	41	96 801	38 823,798	909 555,595	23,428	22,965	87	91	6 184	721,600	2 083,294	2,887	2,425
38	42	96 625	37 808,023	870 731,797	23,030	22,568	88	92	4 388	499,517	1 361,694	2,726	2,264
39	43	96 430	36 811,308	832 923,774	22,627	22,164	89	93	3 022	335,617	862,177	2,569	2,107
40	44	96 215	35 833,450	796 112,466	22,217	21,755	90	94	2 003	217,015	526,560	2,426	1,964
41	45	95 975	34 872,321	760 279,016	21,802	21,339	91	95	1 288	136,150	309,545	2,274	1,811
42	46	95 703	33 925,293	725 406,695	21,382	20,920	92	96	784	80,869	173,395	2,144	1,682
43	47	95 401	32 993,223	691 481,402	20,958	20,496	93	97	452	45,454	92,526	2,036	1,573
44	48	95 052	32 070,856	658 488,179	20,532	20,070	94	98	248	24,317	47,072	1,936	1,473
45	49	94 674	31 164,202	626 417,323	20,101	19,638	95	99	129	12,331	22,756	1,845	1,383
46	50	94 248	30 267,355	595 253,121	19,667	19,204	96	100	63	5,911	10,425	1,764	1,301
47	51	93 769	29 378,987	564 985,766	19,231	18,769							
48	52	93 246	28 502,594	535 606,779	18,792	18,329							
49	53	92 659	27 632,431	507 104,185	18,352	17,889							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	3 323 041,764	33,361	32,898	50	55	91 725	26 686,545	472 011,336	17,687	17,225
1	6	99 196	96 776,416	3 223 432,359	33,308	32,846	51	56	91 004	25 831,167	445 324,791	17,240	16,777
2	7	99 153	94 374,842	3 126 655,943	33,130	32,668	52	57	90 224	24 985,021	419 493,624	16,790	16,327
3	8	99 125	92 047,604	3 032 281,101	32,943	32,480	53	58	89 379	24 147,374	394 508,603	16,338	15,875
4	9	99 104	89 783,404	2 940 233,496	32,748	32,286	54	59	88 461	23 316,449	370 361,229	15,884	15,422
5	10	99 084	87 575,384	2 850 450,092	32,549	32,086	55	60	87 474	22 493,984	347 044,780	15,428	14,966
6	11	99 064	85 422,631	2 762 874,709	32,344	31,881	56	61	86 396	21 674,793	324 550,796	14,974	14,511
7	12	99 046	83 323,748	2 677 452,078	32,133	31,671	57	62	85 264	20 869,289	302 876,003	14,513	14,051
8	13	99 029	81 277,368	2 594 128,330	31,917	31,455	58	63	84 055	20 071,385	282 006,714	14,050	13,588
9	14	99 009	79 279,571	2 512 850,962	31,696	31,234	59	64	82 756	19 279,257	261 935,329	13,586	13,124
10	15	98 989	77 329,709	2 433 571,391	31,470	31,008	60	65	81 372	18 494,469	242 656,072	13,120	12,658
11	16	98 966	75 426,646	2 356 241,683	31,239	30,776	61	66	79 886	17 713,850	224 161,604	12,655	12,192
12	17	98 941	73 567,988	2 280 815,037	31,003	30,540	62	67	78 338	16 947,065	206 447,754	12,182	11,719
13	18	98 913	71 753,544	2 207 247,049	30,762	30,299	63	68	76 677	16 183,161	189 500,689	11,710	11,247
14	19	98 883	69 982,038	2 135 493,505	30,515	30,052	64	69	74 929	15 428,471	173 317,528	11,234	10,771
15	20	98 845	68 249,219	2 065 511,467	30,264	29,802	65	70	73 042	14 673,112	157 889,057	10,760	10,298
16	21	98 805	66 557,259	1 997 262,247	30,008	29,546	66	71	71 045	13 923,734	143 215,945	10,286	9,823
17	22	98 754	64 900,625	1 930 704,988	29,749	29,286	67	72	68 928	13 179,448	129 292,210	9,810	9,348
18	23	98 698	63 281,519	1 865 804,363	29,484	29,022	68	73	66 638	12 430,804	116 112,762	9,341	8,878
19	24	98 620	61 689,722	1 802 522,844	29,219	28,757	69	74	64 196	11 683,172	103 681,958	8,874	8,412
20	25	98 544	60 138,599	1 740 833,122	28,947	28,485	70	75	61 594	10 936,321	91 998,786	8,412	7,950
21	26	98 463	58 623,687	1 680 694,522	28,669	28,207	71	76	58 802	10 185,775	81 062,464	7,958	7,496
22	27	98 381	57 146,317	1 622 070,835	28,385	27,922	72	77	55 830	9 435,241	70 876,689	7,512	7,049
23	28	98 301	55 706,752	1 564 924,518	28,092	27,630	73	78	52 637	8 678,552	61 441,448	7,080	6,617
24	29	98 221	54 304,010	1 509 217,766	27,792	27,330	74	79	49 255	7 922,882	52 762,896	6,660	6,197
25	30	98 137	52 934,313	1 454 913,756	27,485	27,023	75	80	45 694	7 170,863	44 804,014	6,253	5,791
26	31	98 052	51 598,461	1 401 979,443	27,171	26,709	76	81	41 976	6 426,704	37 669,150	5,861	5,399
27	32	97 960	50 292,816	1 350 380,982	26,850	26,388	77	82	38 136	5 696,429	31 242,447	5,485	5,022
28	33	97 864	49 018,124	1 300 088,165	26,523	26,060	78	83	34 180	4 980,960	25 546,018	5,129	4,666
29	34	97 768	47 775,634	1 251 070,041	26,186	25,724	79	84	30 182	4 291,011	20 565,058	4,793	4,330
30	35	97 666	46 561,484	1 203 294,408	25,843	25,381	80	85	26 256	3 641,762	16 274,047	4,469	4,006
31	36	97 559	45 376,316	1 156 732,924	25,492	25,030	81	86	22 385	3 029,209	12 632,285	4,170	3,708
32	37	97 442	44 216,134	1 111 356,608	25,135	24,672	82	87	18 708	2 469,831	9 603,076	3,888	3,426
33	38	97 318	43 082,784	1 067 140,473	24,770	24,307	83	88	15 199	1 957,644	7 133,245	3,644	3,181
34	39	97 190	41 976,696	1 024 057,689	24,396	23,933	84	89	12 092	1 519,458	5 175,601	3,406	2,944
35	40	97 043	40 891,008	982 080,993	24,017	23,555	85	90	9 359	1 147,328	3 656,142	3,187	2,724
36	41	96 890	39 830,727	941 189,985	23,630	23,167	86	91	7 073	845,913	2 508,815	2,966	2,503
37	42	96 721	38 791,536	901 359,259	23,236	22,774	87	92	5 113	596,659	1 662,902	2,787	2,325
38	43	96 534	37 772,258	862 567,722	22,836	22,374	88	93	3 559	405,117	1 066,243	2,632	2,170
39	44	96 328	36 772,452	824 795,464	22,430	21,967	89	94	2 397	266,184	661,126	2,484	2,021
40	45	96 106	35 792,929	788 023,012	22,016	21,554	90	95	1 551	168,101	394,942	2,349	1,887
41	46	95 845	34 825,154	752 230,083	21,600	21,138	91	96	973	102,868	226,841	2,205	1,743
42	47	95 555	33 872,677	717 404,929	21,179	20,717	92	97	577	59,520	123,973	2,083	1,620
43	48	95 235	32 935,966	683 532,252	20,753	20,291	93	98	323	32,547	64,452	1,980	1,518
44	49	94 876	32 011,430	650 596,285	20,324	19,861	94	99	172	16,918	31,905	1,886	1,424
45	50	94 476	31 099,004	618 584,855	19,891	19,428	95	100	87	8,324	14,988	1,800	1,338
46	51	94 028	30 196,637	587 485,851	19,455	18,993							
47	52	93 535	29 305,810	557 289,215	19,016	18,554							
48	53	92 988	28 423,618	527 983,405	18,576	18,113							
49	54	92 378	27 548,451	499 559,787	18,134	17,671							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	3 313 755,078	33,271	32,808	50	56	91 395	26 590,539	464 088,404	17,453	16,991
1	7	99 188	96 768,657	3 214 154,683	33,215	32,752	51	57	90 659	25 733,192	437 497,865	17,001	16,539
2	8	99 144	94 366,958	3 117 386,026	33,035	32,572	52	58	89 851	24 881,926	411 764,673	16,549	16,086
3	9	99 119	92 041,887	3 023 019,068	32,844	32,382	53	59	88 971	24 037,270	386 882,747	16,095	15,633
4	10	99 098	89 777,704	2 930 977,181	32,647	32,185	54	60	88 038	23 205,034	362 845,476	15,636	15,174
5	11	99 076	87 568,329	2 841 199,477	32,446	31,983	55	61	86 996	22 370,990	339 640,442	15,182	14,720
6	12	99 056	85 415,846	2 753 631,148	32,238	31,776	56	62	85 904	21 551,562	317 269,452	14,721	14,259
7	13	99 038	83 317,361	2 668 215,302	32,025	31,562	57	63	84 729	20 738,339	295 717,890	14,259	13,797
8	14	99 019	81 269,373	2 584 897,942	31,807	31,344	58	64	83 494	19 937,536	274 979,552	13,792	13,330
9	15	98 997	79 269,756	2 503 628,569	31,584	31,121	59	65	82 160	19 140,527	255 042,015	13,325	12,862
10	16	98 975	77 319,226	2 424 358,812	31,355	30,893	60	66	80 742	18 351,276	235 901,488	12,855	12,392
11	17	98 950	75 414,520	2 347 039,587	31,122	30,659	61	67	79 229	17 568,339	217 550,212	12,383	11,921
12	18	98 923	73 555,074	2 271 625,067	30,883	30,421	62	68	77 632	16 794,208	199 981,966	11,908	11,445
13	19	98 891	71 737,870	2 198 069,993	30,640	30,178	63	69	75 926	16 024,645	183 187,758	11,432	10,969
14	20	98 862	69 966,989	2 126 332,122	30,391	29,928	64	70	74 107	15 259,257	167 163,113	10,955	10,492
15	21	98 824	68 234,819	2 056 365,134	30,137	29,674	65	71	72 169	14 497,795	151 903,856	10,478	10,015
16	22	98 783	66 542,873	1 988 130,314	29,877	29,415	66	72	70 097	13 737,950	137 406,061	10,002	9,540
17	23	98 731	64 885,712	1 921 587,442	29,615	29,153	67	73	67 861	12 975,494	123 668,111	9,531	9,068
18	24	98 675	63 267,125	1 856 701,730	29,347	28,885	68	74	65 483	12 215,311	110 692,617	9,062	8,599
19	25	98 598	61 675,697	1 793 434,605	29,078	28,616	69	75	62 955	11 457,406	98 477,306	8,595	8,133
20	26	98 522	60 125,198	1 731 758,908	28,803	28,340	70	76	60 222	10 692,647	87 019,900	8,138	7,676
21	27	98 437	58 608,026	1 671 633,710	28,522	28,060	71	77	57 311	9 927,589	76 327,252	7,688	7,226
22	28	98 356	57 131,566	1 613 025,685	28,234	27,771	72	78	54 214	9 162,051	66 399,663	7,247	6,785
23	29	98 275	55 692,283	1 555 894,119	27,937	27,475	73	79	50 886	8 389,920	57 237,612	6,822	6,360
24	30	98 194	54 288,948	1 500 201,836	27,634	27,171	74	80	47 405	7 625,373	48 847,692	6,406	5,944
25	31	98 110	52 919,786	1 445 912,887	27,323	26,860	75	81	43 712	6 859,840	41 222,319	6,009	5,547
26	32	98 020	51 581,639	1 392 993,101	27,006	26,543	76	82	39 898	6 108,609	34 362,479	5,625	5,163
27	33	97 926	50 275,398	1 341 411,463	26,681	26,219	77	83	35 968	5 372,485	28 253,870	5,259	4,797
28	34	97 829	49 000,389	1 291 136,065	26,350	25,887	78	84	31 960	4 657,401	22 881,385	4,913	4,450
29	35	97 729	47 756,245	1 242 135,676	26,010	25,547	79	85	27 949	3 973,537	18 223,984	4,586	4,124
30	36	97 624	46 541,642	1 194 379,430	25,663	25,200	80	86	24 016	3 331,137	14 250,447	4,278	3,816
31	37	97 514	45 355,156	1 147 837,789	25,308	24,845	81	87	20 222	2 736,440	10 919,310	3,990	3,528
32	38	97 390	44 192,846	1 102 482,632	24,947	24,485	82	88	16 563	2 186,637	8 182,870	3,742	3,280
33	39	97 260	43 057,384	1 058 289,786	24,579	24,116	83	89	13 292	1 712,034	5 996,234	3,502	3,040
34	40	97 121	41 947,175	1 015 232,403	24,203	23,740	84	90	10 402	1 307,086	4 284,200	3,278	2,815
35	41	96 974	40 861,861	973 285,228	23,819	23,356	85	91	7 972	977,298	2 977,114	3,046	2,584
36	42	96 809	39 797,628	932 423,366	23,429	22,967	86	92	5 848	699,448	1 999,816	2,859	2,397
37	43	96 629	38 754,841	892 625,738	23,033	22,570	87	93	4 147	483,901	1 300,368	2,687	2,225
38	44	96 432	37 732,388	853 870,897	22,630	22,167	88	94	2 822	321,305	816,468	2,541	2,079
39	45	96 219	36 730,869	816 138,509	22,219	21,757	89	95	1 856	206,188	495,163	2,402	1,939
40	46	95 976	35 744,517	779 407,640	21,805	21,343	90	96	1 172	127,009	288,975	2,275	1,813
41	47	95 697	34 771,143	743 663,123	21,387	20,925	91	97	716	75,712	161,966	2,139	1,677
42	48	95 389	33 813,894	708 891,980	20,965	20,502	92	98	413	42,619	86,253	2,024	1,561
43	49	95 059	32 874,937	675 078,086	20,535	20,072	93	99	225	22,643	43,634	1,927	1,465
44	50	94 677	31 944,460	642 203,148	20,104	19,641	94	100	116	11,421	20,991	1,838	1,375
45	51	94 255	31 026,342	610 258,689	19,669	19,207							
46	52	93 794	30 121,423	579 232,346	19,230	18,767							
47	53	93 276	29 224,608	549 110,923	18,789	18,327							
48	54	92 705	28 337,233	519 886,315	18,346	17,884							
49	55	92 083	27 460,677	491 549,081	17,900	17,438							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	3 303 878,099	33,174	32,712	50	57	91 048	26 489,684	455 700,883	17,203	16,741
1	8	99 180	96 760,572	3 204 285,691	33,116	32,653	51	58	90 285	25 627,010	429 211,199	16,748	16,286
2	9	99 138	94 361,097	3 107 525,118	32,932	32,470	52	59	89 442	24 768,473	403 584,188	16,294	15,832
3	10	99 113	92 036,044	3 013 164,021	32,739	32,277	53	60	88 546	23 922,412	378 815,715	15,835	15,373
4	11	99 090	89 770,472	2 921 127,978	32,540	32,078	54	61	87 557	23 078,152	354 893,303	15,378	14,915
5	12	99 068	87 561,374	2 831 357,506	32,336	31,873	55	62	86 501	22 243,800	331 815,151	14,917	14,455
6	13	99 049	85 409,299	2 743 796,132	32,125	31,663	56	63	85 365	21 416,331	309 571,351	14,455	13,993
7	14	99 028	83 309,165	2 658 386,833	31,910	31,447	57	64	84 164	20 600,042	288 155,021	13,988	13,526
8	15	99 007	81 259,312	2 575 077,669	31,690	31,227	58	65	82 893	19 794,070	267 554,978	13,517	13,055
9	16	98 984	79 259,010	2 493 818,356	31,464	31,002	59	66	81 524	18 992,333	247 760,909	13,045	12,583
10	17	98 959	77 306,796	2 414 559,346	31,233	30,771	60	67	80 078	18 200,433	228 768,576	12,569	12,107
11	18	98 933	75 401,282	2 337 252,550	30,998	30,535	61	68	78 514	17 409,787	210 568,143	12,095	11,632
12	19	98 902	73 539,007	2 261 851,268	30,757	30,295	62	69	76 871	16 629,707	193 158,356	11,615	11,153
13	20	98 870	71 722,443	2 188 312,262	30,511	30,048	63	70	75 094	15 848,892	176 528,649	11,138	10,676
14	21	98 841	69 952,226	2 116 589,819	30,258	29,795	64	71	73 222	15 076,936	160 679,757	10,657	10,195
15	22	98 803	68 220,071	2 046 637,593	30,001	29,538	65	72	71 206	14 304,351	145 602,821	10,179	9,716
16	23	98 761	66 527,582	1 978 417,522	29,738	29,276	66	73	69 012	13 525,353	131 298,470	9,708	9,245
17	24	98 709	64 870,953	1 911 889,940	29,472	29,010	67	74	66 685	12 750,559	117 773,117	9,237	8,774
18	25	98 653	63 252,741	1 847 018,987	29,201	28,738	68	75	64 217	11 979,262	105 022,558	8,767	8,305
19	26	98 576	61 661,953	1 783 766,246	28,928	28,466	69	76	61 553	11 202,122	93 043,297	8,306	7,843
20	27	98 496	60 109,135	1 722 104,293	28,650	28,187	70	77	58 696	10 421,614	81 841,175	7,853	7,391
21	28	98 412	58 592,897	1 661 995,158	28,365	27,903	71	78	55 652	9 640,143	71 419,562	7,409	6,946
22	29	98 331	57 116,727	1 603 402,261	28,072	27,610	72	79	52 411	8 857,338	61 779,419	6,975	6,513
23	30	98 248	55 676,836	1 546 285,534	27,773	27,310	73	80	48 975	8 074,873	52 922,080	6,554	6,092
24	31	98 167	54 274,049	1 490 608,698	27,464	27,002	74	81	45 349	7 294,636	44 847,207	6,148	5,686
25	32	98 078	52 902,533	1 436 334,649	27,151	26,688	75	82	41 549	6 520,307	37 552,571	5,759	5,297
26	33	97 986	51 563,774	1 383 432,116	26,830	26,367	76	83	37 630	5 761,226	31 032,264	5,386	4,924
27	34	97 891	50 257,208	1 331 868,343	26,501	26,039	77	84	33 631	5 023,494	25 271,038	5,031	4,568
28	35	97 789	48 980,504	1 281 611,134	26,166	25,703	78	85	29 595	4 312,820	20 247,545	4,695	4,232
29	36	97 687	47 735,894	1 232 630,630	25,822	25,359	79	86	25 565	3 634,612	15 934,725	4,384	3,922
30	37	97 579	46 519,938	1 184 894,737	25,471	25,008	80	87	21 695	3 009,187	12 300,113	4,088	3,625
31	38	97 463	45 331,268	1 138 374,798	25,112	24,650	81	88	17 903	2 422,675	9 290,926	3,835	3,373
32	39	97 333	44 166,791	1 093 043,530	24,748	24,286	82	89	14 485	1 912,297	6 868,250	3,592	3,129
33	40	97 192	43 027,103	1 048 876,739	24,377	23,915	83	90	11 434	1 472,745	4 955,954	3,365	2,903
34	41	97 052	41 917,276	1 005 849,636	23,996	23,534	84	91	8 860	1 113,380	3 483,208	3,128	2,666
35	42	96 893	40 827,906	963 932,360	23,610	23,147	85	92	6 592	808,084	2 369,828	2,933	2,470
36	43	96 718	39 759,982	923 104,454	23,217	22,755	86	93	4 743	567,264	1 561,744	2,753	2,291
37	44	96 527	38 713,934	883 344,473	22,817	22,355	87	94	3 289	383,790	994,480	2,591	2,129
38	45	96 323	37 689,719	844 630,539	22,410	21,948	88	95	2 186	248,885	610,690	2,454	1,991
39	46	96 089	36 681,188	806 940,820	21,999	21,536	89	96	1 403	155,786	361,805	2,322	1,860
40	47	95 827	35 689,080	770 259,632	21,583	21,120	90	97	863	93,480	206,019	2,204	1,741
41	48	95 531	34 710,801	734 570,552	21,163	20,700	91	98	513	54,213	112,539	2,076	1,613
42	49	95 212	33 751,238	699 859,751	20,736	20,273	92	99	287	29,651	58,326	1,967	1,505
43	50	94 860	32 806,161	666 108,513	20,304	19,842	93	100	152	15,287	28,675	1,876	1,413
44	51	94 456	31 869,823	633 302,352	19,872	19,409							
45	52	94 020	30 949,062	601 432,529	19,433	18,971							
46	53	93 534	30 037,962	570 483,467	18,992	18,530							
47	54	92 993	29 135,789	540 445,505	18,549	18,087							
48	55	92 410	28 246,946	511 309,716	18,101	17,639							
49	56	91 752	27 361,887	483 062,769	17,655	17,192							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	3 293 395,324	33,072	32,609	50	58	90 672	26 380,380	446 842,646	16,938	16,476
1	9	99 173	96 754,562	3 193 811,235	33,009	32,547	51	59	89 873	25 510,160	420 462,266	16,482	16,020
2	10	99 132	94 355,106	3 097 056,673	32,823	32,361	52	60	89 014	24 650,121	394 952,105	16,022	15,560
3	11	99 105	92 028,629	3 002 701,566	32,628	32,165	53	61	88 062	23 791,607	370 301,985	15,564	15,102
4	12	99 082	89 763,342	2 910 672,937	32,426	31,964	54	62	87 059	22 946,942	346 510,378	15,101	14,638
5	13	99 060	87 554,662	2 820 909,595	32,219	31,756	55	63	85 958	22 104,225	323 563,436	14,638	14,176
6	14	99 039	85 400,897	2 733 354,933	32,006	31,544	56	64	84 796	21 273,513	301 459,211	14,171	13,708
7	15	99 016	83 298,851	2 647 954,036	31,789	31,326	57	65	83 559	20 451,808	280 185,698	13,700	13,237
8	16	98 993	81 248,297	2 564 655,185	31,566	31,103	58	66	82 251	19 640,815	259 733,889	13,224	12,762
9	17	98 968	79 246,268	2 483 406,888	31,338	30,875	59	67	80 854	18 836,220	240 093,074	12,746	12,284
10	18	98 942	77 293,225	2 404 160,620	31,104	30,642	60	68	79 356	18 036,272	221 256,854	12,267	11,805
11	19	98 911	75 384,812	2 326 867,394	30,867	30,404	61	69	77 745	17 239,256	203 820,582	11,788	11,326
12	20	98 881	73 523,192	2 251 482,583	30,623	30,160	62	70	76 028	16 447,318	185 981,326	11,308	10,845
13	21	98 849	71 707,310	2 177 959,391	30,373	29,910	63	71	74 196	15 659,526	169 534,008	10,826	10,364
14	22	98 819	69 937,106	2 106 252,081	30,116	29,654	64	72	72 245	14 875,765	153 874,483	10,344	9,882
15	23	98 780	68 204,394	2 036 314,975	29,856	29,394	65	73	70 105	14 082,989	138 998,718	9,870	9,408
16	24	98 738	66 512,449	1 968 110,580	29,590	29,128	66	74	67 816	13 290,886	124 915,729	9,399	8,936
17	25	98 686	64 856,204	1 901 598,131	29,320	28,858	67	75	65 396	12 504,166	111 624,843	8,927	8,465
18	26	98 631	63 238,646	1 836 741,927	29,045	28,582	68	76	62 787	11 712,350	99 120,677	8,463	8,001
19	27	98 550	61 645,479	1 773 503,281	28,769	28,307	69	77	59 992	10 918,174	87 408,327	8,006	7,543
20	28	98 470	60 093,619	1 711 857,801	28,487	28,024	70	78	56 996	10 119,863	76 490,154	7,558	7,096
21	29	98 386	58 577,678	1 651 764,182	28,198	27,735	71	79	53 801	9 319,530	66 370,290	7,122	6,659
22	30	98 303	57 100,885	1 593 186,504	27,901	27,439	72	80	50 443	8 524,740	57 050,760	6,692	6,230
23	31	98 221	55 661,556	1 536 085,619	27,597	27,134	73	81	46 851	7 724,640	48 526,021	6,282	5,820
24	32	98 135	54 256,354	1 480 424,063	27,286	26,823	74	82	43 105	6 933,583	40 801,381	5,885	5,422
25	33	98 044	52 884,211	1 426 167,709	26,968	26,505	75	83	39 186	6 149,511	33 867,798	5,507	5,045
26	34	97 951	51 545,118	1 373 283,498	26,642	26,180	76	84	35 185	5 386,982	27 718,287	5,145	4,683
27	35	97 851	50 236,813	1 321 738,380	26,310	25,848	77	85	31 143	4 651,826	22 331,305	4,801	4,338
28	36	97 748	48 959,631	1 271 501,567	25,970	25,508	78	86	27 071	3 944,956	17 679,479	4,482	4,019
29	37	97 642	47 713,634	1 222 541,936	25,622	25,160	79	87	23 094	3 283,332	13 734,523	4,183	3,721
30	38	97 527	46 495,436	1 174 828,302	25,268	24,805	80	88	19 207	2 664,149	10 451,190	3,923	3,460
31	39	97 405	45 304,542	1 128 332,866	24,906	24,443	81	89	15 657	2 118,722	7 787,041	3,675	3,213
32	40	97 264	44 135,730	1 083 028,324	24,539	24,076	82	90	12 460	1 645,017	5 668,320	3,446	2,983
33	41	97 123	42 996,434	1 038 892,594	24,162	23,700	83	91	9 740	1 254,490	4 023,302	3,207	2,745
34	42	96 971	41 882,443	995 896,160	23,778	23,316	84	92	7 326	920,605	2 768,813	3,008	2,545
35	43	96 801	40 789,285	954 013,717	23,389	22,926	85	93	5 346	655,370	1 848,208	2,820	2,358
36	44	96 615	39 718,013	913 224,432	22,993	22,530	86	94	3 762	449,907	1 192,838	2,651	2,189
37	45	96 418	38 670,155	873 506,419	22,589	22,126	87	95	2 548	297,287	742,932	2,499	2,037
38	46	96 193	37 638,741	834 836,263	22,180	21,718	88	96	1 652	188,046	445,645	2,370	1,907
39	47	95 940	36 624,299	797 197,522	21,767	21,304	89	97	1 032	114,660	257,599	2,247	1,784
40	48	95 661	35 627,144	760 573,223	21,348	20,886	90	98	618	66,936	142,939	2,135	1,673
41	49	95 354	34 646,483	724 946,079	20,924	20,462	91	99	357	37,717	76,003	2,015	1,553
42	50	95 013	33 680,628	690 299,596	20,495	20,033	92	100	194	20,017	38,286	1,913	1,450
43	51	94 638	32 729,510	656 618,968	20,062	19,600							
44	52	94 221	31 790,442	623 889,457	19,625	19,163							
45	53	93 760	30 863,308	592 099,015	19,185	18,722							
46	54	93 249	29 946,671	561 235,708	18,741	18,279							
47	55	92 696	29 042,958	531 289,037	18,293	17,831							
48	56	92 077	28 145,327	502 246,079	17,845	17,382							
49	57	91 404	27 258,106	474 100,752	17,393	16,931							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	3 282 294,192	32,962	32,500	50	59	90 259	26 260,095	437 513,053	16,661	16,198
1	10	99 167	96 748,420	3 182 716,289	32,897	32,434	51	60	89 444	25 388,264	411 252,958	16,199	15,736
2	11	99 124	94 347,505	3 085 967,869	32,709	32,246	52	61	88 528	24 515,337	385 864,694	15,740	15,277
3	12	99 097	92 021,320	2 991 620,364	32,510	32,048	53	62	87 561	23 656,341	361 349,357	15,275	14,813
4	13	99 074	89 756,462	2 899 599,043	32,305	31,843	54	63	86 513	22 802,955	337 693,017	14,809	14,347
5	14	99 050	87 546,049	2 809 842,582	32,096	31,633	55	64	85 385	21 956,820	314 890,062	14,341	13,879
6	15	99 027	85 390,325	2 722 296,533	31,881	31,418	56	65	84 186	21 120,433	292 933,242	13,870	13,407
7	16	99 003	83 287,559	2 636 906,208	31,660	31,198	57	66	82 912	20 293,462	271 812,809	13,394	12,932
8	17	98 977	81 235,235	2 553 618,649	31,435	30,972	58	67	81 575	19 479,372	251 519,348	12,912	12,450
9	18	98 950	79 232,358	2 472 383,414	31,204	30,742	59	68	80 125	18 666,325	232 039,975	12,431	11,969
10	19	98 920	77 276,342	2 393 151,056	30,969	30,506	60	69	78 579	17 859,604	213 373,651	11,947	11,485
11	20	98 890	75 368,600	2 315 874,714	30,727	30,265	61	70	76 893	17 050,181	195 514,046	11,467	11,005
12	21	98 860	73 507,679	2 240 506,115	30,480	30,017	62	71	75 120	16 250,802	178 463,865	10,982	10,519
13	22	98 828	71 691,811	2 166 998,435	30,227	29,764	63	72	73 206	15 450,581	162 213,063	10,499	10,036
14	23	98 797	69 921,035	2 095 306,625	29,967	29,504	64	73	71 127	14 645,560	146 762,482	10,021	9,559
15	24	98 758	68 188,881	2 025 385,590	29,703	29,240	65	74	68 889	13 838,855	132 116,922	9,547	9,084
16	25	98 716	66 497,328	1 957 196,709	29,433	28,970	66	75	66 505	13 034,052	118 278,068	9,075	8,612
17	26	98 664	64 841,752	1 890 699,381	29,159	28,696	67	76	63 939	12 225,559	105 244,016	8,609	8,146
18	27	98 604	63 221,751	1 825 857,630	28,880	28,418	68	77	61 195	11 415,469	93 018,457	8,148	7,686
19	28	98 524	61 629,567	1 762 635,879	28,600	28,138	69	78	58 255	10 602,046	81 602,989	7,697	7,234
20	29	98 445	60 078,011	1 701 006,312	28,313	27,851	70	79	55 101	9 783,296	71 000,943	7,257	6,795
21	30	98 359	58 561,431	1 640 928,301	28,021	27,558	71	80	51 781	8 969,576	61 217,647	6,825	6,363
22	31	98 276	57 085,214	1 582 366,870	27,719	27,257	72	81	48 255	8 154,995	52 248,071	6,407	5,944
23	32	98 189	55 643,409	1 525 281,656	27,412	26,949	73	82	44 532	7 342,303	44 093,076	6,005	5,543
24	33	98 101	54 237,563	1 469 638,247	27,096	26,634	74	83	40 653	6 539,285	36 750,774	5,620	5,158
25	34	98 009	52 865,077	1 415 400,684	26,774	26,311	75	84	36 640	5 750,045	30 211,489	5,254	4,792
26	35	97 911	51 524,200	1 362 535,606	26,445	25,982	76	85	32 582	4 988,422	24 461,444	4,904	4,441
27	36	97 810	50 215,404	1 311 011,406	26,108	25,645	77	86	28 487	4 255,047	19 473,022	4,576	4,114
28	37	97 702	48 936,800	1 260 796,002	25,764	25,301	78	87	24 455	3 563,682	15 217,976	4,270	3,808
29	38	97 590	47 688,503	1 211 859,202	25,412	24,950	79	88	20 446	2 906,860	11 654,294	4,009	3,547
30	39	97 470	46 468,024	1 164 170,699	25,053	24,591	80	89	16 798	2 329,899	8 747,434	3,754	3,292
31	40	97 337	45 272,681	1 117 702,675	24,688	24,226	81	90	13 469	1 822,591	6 417,534	3,521	3,059
32	41	97 195	44 104,271	1 072 429,994	24,316	23,853	82	91	10 614	1 401,231	4 594,944	3,279	2,817
33	42	97 042	42 960,705	1 028 325,723	23,936	23,474	83	92	8 053	1 037,282	3 193,712	3,079	2,617
34	43	96 880	41 842,825	985 365,018	23,549	23,087	84	93	5 942	746,626	2 156,430	2,888	2,426
35	44	96 699	40 746,230	943 522,194	23,156	22,694	85	94	4 240	519,785	1 409,805	2,712	2,250
36	45	96 506	39 673,099	902 775,964	22,755	22,293	86	95	2 914	348,501	890,020	2,554	2,091
37	46	96 288	38 617,851	863 102,865	22,350	21,887	87	96	1 925	224,615	541,518	2,411	1,948
38	47	96 043	37 580,367	824 485,013	21,939	21,477	88	97	1 216	138,403	316,903	2,290	1,827
39	48	95 774	36 560,740	786 904,647	21,523	21,061	89	98	739	82,102	178,499	2,174	1,712
40	49	95 484	35 561,129	750 343,906	21,100	20,638	90	99	430	46,569	96,398	2,070	1,608
41	50	95 154	34 574,000	714 782,778	20,674	20,212	91	100	241	25,463	49,829	1,957	1,495
42	51	94 791	33 601,935	680 208,777	20,243	19,781							
43	52	94 402	32 647,988	646 606,843	19,805	19,343							
44	53	93 960	31 702,356	613 958,855	19,366	18,904							
45	54	93 475	30 769,508	582 256,499	18,923	18,461							
46	55	92 952	29 851,256	551 486,991	18,474	18,012							
47	56	92 363	28 938,475	521 635,734	18,026	17,563							
48	57	91 728	28 038,575	492 697,259	17,572	17,110							
49	58	91 027	27 145,631	464 658,684	17,117	16,655							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	3 270 561,038	32,846	32,384	50	60	89 828	26 134,615	427 715,817	16,366	15,903
1	11	99 159	96 740,626	3 170 989,456	32,778	32,316	51	61	88 955	25 249,444	401 581,202	15,905	15,442
2	12	99 116	94 340,012	3 074 248,830	32,587	32,124	52	62	88 024	24 375,956	376 331,759	15,439	14,976
3	13	99 089	92 014,266	2 979 908,818	32,385	31,923	53	63	87 012	23 507,902	351 955,803	14,972	14,509
4	14	99 065	89 747,632	2 887 894,552	32,178	31,716	54	64	85 936	22 650,890	328 447,901	14,500	14,038
5	15	99 038	87 535,211	2 798 146,920	31,966	31,504	55	65	84 771	21 798,823	305 797,010	14,028	13,566
6	16	99 013	85 378,749	2 710 611,708	31,748	31,286	56	66	83 534	20 956,909	283 998,187	13,552	13,089
7	17	98 987	83 274,170	2 625 232,959	31,525	31,063	57	67	82 230	20 126,654	263 041,278	13,069	12,607
8	18	98 960	81 220,975	2 541 958,790	31,297	30,834	58	68	80 840	19 303,676	242 914,624	12,584	12,121
9	19	98 929	79 215,050	2 460 737,814	31,064	30,602	59	69	79 340	18 483,485	223 610,948	12,098	11,635
10	20	98 899	77 259,723	2 381 522,764	30,825	30,362	60	70	77 717	17 663,726	205 127,463	11,613	11,151
11	21	98 869	75 352,698	2 304 263,041	30,580	30,117	61	71	75 974	16 846,462	187 463,737	11,128	10,665
12	22	98 838	73 491,791	2 228 910,343	30,329	29,866	62	72	74 117	16 033,967	170 617,275	10,641	10,179
13	23	98 805	71 675,336	2 155 418,552	30,072	29,610	63	73	72 073	15 211,481	154 583,308	10,162	9,700
14	24	98 774	69 905,131	2 083 743,216	29,808	29,346	64	74	69 894	14 391,673	139 371,827	9,684	9,222
15	25	98 735	68 173,378	2 013 838,085	29,540	29,078	65	75	67 558	13 571,432	124 980,153	9,209	8,747
16	26	98 694	66 482,509	1 945 664,707	29,266	28,803	66	76	65 023	12 743,638	111 408,722	8,742	8,280
17	27	98 638	64 824,429	1 879 182,198	28,989	28,526	67	77	62 319	11 915,669	98 665,084	8,280	7,818
18	28	98 579	63 205,431	1 814 357,769	28,706	28,243	68	78	59 423	11 084,942	86 749,415	7,826	7,363
19	29	98 499	61 613,560	1 751 152,338	28,422	27,959	69	79	56 318	10 249,442	75 664,473	7,382	6,920
20	30	98 418	60 061,347	1 689 538,779	28,130	27,668	70	80	53 031	9 415,927	65 415,031	6,947	6,485
21	31	98 332	58 545,360	1 629 477,431	27,833	27,370	71	81	49 535	8 580,537	55 999,104	6,526	6,064
22	32	98 244	57 066,603	1 570 932,072	27,528	27,066	72	82	45 867	7 751,357	47 418,567	6,117	5,655
23	33	98 155	55 624,137	1 513 865,469	27,216	26,754	73	83	42 000	6 924,762	39 667,210	5,728	5,266
24	34	98 065	54 217,940	1 458 241,331	26,896	26,433	74	84	38 013	6 114,499	32 742,448	5,355	4,892
25	35	97 969	52 843,624	1 404 023,391	26,569	26,107	75	85	33 930	5 324,623	26 627,949	5,001	4,538
26	36	97 869	51 502,243	1 351 179,767	26,235	25,773	76	86	29 803	4 562,932	21 303,326	4,669	4,206
27	37	97 764	50 191,988	1 299 677,524	25,894	25,432	77	87	25 733	3 843,803	16 740,394	4,355	3,893
28	38	97 651	48 911,025	1 249 485,536	25,546	25,084	78	88	21 651	3 155,064	12 896,592	4,088	3,625
29	39	97 533	47 660,387	1 200 574,511	25,190	24,728	79	89	17 881	2 542,160	9 741,527	3,832	3,370
30	40	97 401	46 435,345	1 152 914,124	24,828	24,366	80	90	14 450	2 004,252	7 199,368	3,592	3,130
31	41	97 267	45 240,411	1 106 478,779	24,458	23,995	81	91	11 473	1 552,489	5 195,115	3,346	2,884
32	42	97 114	44 067,621	1 061 238,368	24,082	23,620	82	92	8 776	1 158,616	3 642,627	3,144	2,682
33	43	96 950	42 920,066	1 017 170,747	23,699	23,237	83	93	6 531	841,253	2 484,010	2,953	2,490
34	44	96 777	41 798,658	974 250,681	23,308	22,846	84	94	4 712	592,162	1 642,757	2,774	2,312
35	45	96 590	40 700,153	932 452,024	22,910	22,448	85	95	3 284	402,630	1 050,596	2,609	2,147
36	46	96 376	39 619,439	891 751,870	22,508	22,046	86	96	2 202	263,311	647,966	2,461	1,998
37	47	96 138	38 557,958	852 132,432	22,100	21,638	87	97	1 417	165,319	384,655	2,327	1,864
38	48	95 877	37 515,149	813 574,473	21,687	21,224	88	98	871	99,103	219,336	2,213	1,751
39	49	95 596	36 492,995	776 059,324	21,266	20,804	89	99	514	57,120	120,233	2,105	1,643
40	50	95 284	35 486,732	739 566,330	20,841	20,378	90	100	290	31,438	63,113	2,008	1,545
41	51	94 932	34 493,219	704 079,597	20,412	19,950							
42	52	94 555	33 518,239	669 586,378	19,977	19,514							
43	53	94 141	32 557,526	636 068,138	19,537	19,074							
44	54	93 674	31 606,006	603 510,613	19,095	18,632							
45	55	93 177	30 671,472	571 904,606	18,646	18,184							
46	56	92 618	29 743,865	541 233,134	18,196	17,734							
47	57	92 013	28 828,715	511 489,269	17,742	17,280							
48	58	91 349	27 922,880	482 660,554	17,285	16,823							
49	59	90 612	27 021,857	454 737,674	16,829	16,366							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	3 258 185,811	32,725	32,262	50	61	89 336	25 991,714	417 450,451	16,061	15,598
1	12	99 151	96 732,943	3 158 622,250	32,653	32,191	51	62	88 449	25 105,889	391 458,737	15,592	15,130
2	13	99 108	94 332,780	3 061 889,308	32,458	31,996	52	63	87 472	24 223,002	366 352,848	15,124	14,662
3	14	99 080	92 005,215	2 967 556,527	32,254	31,792	53	64	86 432	23 351,137	342 129,846	14,652	14,189
4	15	99 052	89 736,522	2 875 551,312	32,044	31,582	54	65	85 317	22 487,899	318 778,709	14,176	13,713
5	16	99 025	87 523,345	2 785 814,791	31,829	31,367	55	66	84 114	21 630,047	296 290,810	13,698	13,236
6	17	98 997	85 365,023	2 698 291,446	31,609	31,146	56	67	82 847	20 784,648	274 660,763	13,215	12,752
7	18	98 969	83 259,552	2 612 926,422	31,383	30,920	57	68	81 489	19 945,119	253 876,115	12,729	12,266
8	19	98 938	81 203,234	2 529 666,870	31,152	30,690	58	69	80 048	19 114,594	233 930,996	12,238	11,776
9	20	98 907	79 198,015	2 448 463,637	30,916	30,453	59	70	78 470	18 280,765	214 816,402	11,751	11,289
10	21	98 878	77 243,422	2 369 265,622	30,673	30,210	60	71	76 788	17 452,676	196 535,638	11,261	10,799
11	22	98 848	75 336,411	2 292 022,200	30,424	29,961	61	72	74 960	16 621,680	179 082,961	10,774	10,312
12	23	98 816	73 474,903	2 216 685,789	30,169	29,707	62	73	72 971	15 785,839	162 461,282	10,292	9,829
13	24	98 783	71 659,033	2 143 210,887	29,908	29,446	63	74	70 824	14 947,784	146 675,442	9,813	9,350
14	25	98 752	69 889,238	2 071 551,853	29,640	29,178	64	75	68 543	14 113,568	131 727,659	9,333	8,871
15	26	98 713	68 158,186	2 001 662,615	29,368	28,905	65	76	66 053	13 269,044	117 614,091	8,864	8,401
16	27	98 667	66 464,748	1 933 504,430	29,091	28,628	66	77	63 375	12 420,616	104 345,047	8,401	7,939
17	28	98 613	64 807,695	1 867 039,682	28,809	28,347	67	78	60 514	11 570,659	91 924,430	7,945	7,482
18	29	98 553	63 189,015	1 802 231,986	28,521	28,059	68	79	57 447	10 716,278	80 353,771	7,498	7,036
19	30	98 471	61 596,470	1 739 042,972	28,233	27,770	69	80	54 203	9 864,569	69 637,493	7,059	6,597
20	31	98 391	60 044,864	1 677 446,501	27,937	27,474	70	81	50 731	9 007,528	59 772,924	6,636	6,173
21	32	98 300	58 526,272	1 617 401,637	27,635	27,173	71	82	47 083	8 155,836	50 765,396	6,224	5,762
22	33	98 210	57 046,838	1 558 875,365	27,326	26,864	72	83	43 258	7 310,554	42 609,560	5,828	5,366
23	34	98 119	55 604,013	1 501 828,526	27,009	26,547	73	84	39 272	6 474,936	35 299,006	5,452	4,989
24	35	98 026	54 195,937	1 446 224,513	26,685	26,223	74	85	35 200	5 662,113	28 824,070	5,091	4,628
25	36	97 927	52 821,104	1 392 028,576	26,354	25,891	75	86	31 036	4 870,457	23 161,957	4,756	4,293
26	37	97 824	51 478,227	1 339 207,472	26,015	25,553	76	87	26 922	4 121,931	18 291,500	4,438	3,975
27	38	97 712	50 165,552	1 287 729,245	25,670	25,207	77	88	22 783	3 403,066	14 169,569	4,164	3,701
28	39	97 593	48 882,189	1 237 563,693	25,317	24,855	78	89	18 934	2 759,224	10 766,503	3,902	3,440
29	40	97 464	47 626,869	1 188 681,505	24,958	24,496	79	90	15 382	2 186,845	8 007,279	3,662	3,199
30	41	97 332	46 402,246	1 141 054,635	24,591	24,128	80	91	12 308	1 707,229	5 820,434	3,409	2,947
31	42	97 186	45 202,817	1 094 652,389	24,216	23,754	81	92	9 486	1 283,684	4 113,205	3,204	2,742
32	43	97 022	44 025,935	1 049 449,572	23,837	23,375	82	93	7 117	939,657	2 829,521	3,011	2,549
33	44	96 848	42 874,762	1 005 423,636	23,450	22,988	83	94	5 180	667,212	1 889,863	2,832	2,370
34	45	96 668	41 751,391	962 548,875	23,054	22,592	84	95	3 650	458,693	1 222,651	2,666	2,203
35	46	96 459	40 645,104	920 797,484	22,655	22,192	85	96	2 481	304,208	763,958	2,511	2,049
36	47	96 226	39 557,992	880 152,380	22,250	21,787	86	97	1 620	193,799	459,751	2,372	1,910
37	48	95 972	38 491,044	840 594,388	21,839	21,376	87	98	1 014	118,376	265,951	2,247	1,784
38	49	95 699	37 445,635	802 103,344	21,420	20,958	88	99	606	68,948	147,575	2,140	1,678
39	50	95 396	36 416,649	764 657,709	20,997	20,535	89	100	347	38,561	78,627	2,039	1,577
40	51	95 062	35 403,819	728 241,060	20,570	20,107							
41	52	94 695	34 407,304	692 837,241	20,136	19,674							
42	53	94 293	33 425,366	658 429,937	19,699	19,236							
43	54	93 855	32 458,577	625 004,571	19,255	18,793							
44	55	93 376	31 505,305	592 545,994	18,808	18,345							
45	56	92 842	30 561,130	561 040,689	18,358	17,896							
46	57	92 267	29 631,050	530 479,559	17,903	17,440							
47	58	91 633	28 709,760	500 848,509	17,445	16,983							
48	59	90 933	27 795,562	472 138,749	16,986	16,524							
49	60	90 179	26 892,737	444 343,188	16,523	16,060							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	3 245 161,239	32,596	32,134	50	62	88 828	25 843,939	406 730,455	15,738	15,276
1	13	99 144	96 725,528	3 145 605,587	32,521	32,059	51	63	87 894	24 948,355	380 886,516	15,267	14,805
2	14	99 099	94 323,501	3 048 880,059	32,324	31,861	52	64	86 889	24 061,468	355 938,162	14,793	14,330
3	15	99 067	91 993,825	2 954 556,558	32,117	31,654	53	65	85 810	23 183,106	331 876,694	14,315	13,853
4	16	99 039	89 724,357	2 862 562,733	31,904	31,442	54	66	84 657	22 313,788	308 693,588	13,834	13,372
5	17	99 009	87 509,274	2 772 838,376	31,686	31,224	55	67	83 423	21 452,253	286 379,800	13,350	12,887
6	18	98 980	85 350,039	2 685 329,102	31,463	31,000	56	68	82 100	20 597,178	264 927,547	12,862	12,400
7	19	98 948	83 241,365	2 599 979,063	31,234	30,772	57	69	80 690	19 749,754	244 330,368	12,371	11,909
8	20	98 917	81 185,770	2 516 737,698	31,000	30,537	58	70	79 170	18 904,951	224 580,614	11,879	11,417
9	21	98 887	79 181,305	2 435 551,928	30,759	30,297	59	71	77 532	18 062,342	205 675,663	11,387	10,925
10	22	98 857	77 226,726	2 356 370,623	30,512	30,050	60	72	75 764	17 219,805	187 613,321	10,895	10,433
11	23	98 825	75 319,099	2 279 143,897	30,260	29,797	61	73	73 800	16 364,457	170 393,516	10,412	9,950
12	24	98 793	73 458,191	2 203 824,798	30,001	29,539	62	74	71 706	15 512,185	154 029,059	9,930	9,467
13	25	98 760	71 642,741	2 130 366,607	29,736	29,274	63	75	69 455	14 658,932	138 516,873	9,449	8,987
14	26	98 730	69 873,664	2 058 723,866	29,464	29,001	64	76	67 016	13 799,101	123 857,942	8,976	8,513
15	27	98 687	68 139,977	1 988 850,202	29,188	28,725	65	77	64 378	12 932,705	110 058,841	8,510	8,048
16	28	98 642	66 447,591	1 920 710,226	28,906	28,443	66	78	61 540	12 060,986	97 126,136	8,053	7,590
17	29	98 587	64 790,863	1 854 262,635	28,619	28,157	67	79	58 502	11 185,841	85 065,150	7,605	7,142
18	30	98 526	63 171,489	1 789 471,772	28,327	27,865	68	80	55 290	10 313,875	73 879,309	7,163	6,701
19	31	98 444	61 579,566	1 726 300,283	28,034	27,571	69	81	51 852	9 436,711	63 565,434	6,736	6,274
20	32	98 358	60 025,288	1 664 720,718	27,734	27,271	70	82	48 220	8 561,693	54 128,723	6,322	5,860
21	33	98 266	58 506,002	1 604 695,430	27,428	26,965	71	83	44 405	7 692,032	45 567,029	5,924	5,462
22	34	98 175	57 026,199	1 546 189,427	27,114	26,651	72	84	40 448	6 835,667	37 874,998	5,541	5,078
23	35	98 080	55 581,448	1 489 163,228	26,792	26,330	73	85	36 366	5 995,883	31 039,331	5,177	4,714
24	36	97 984	54 172,842	1 433 581,780	26,463	26,001	74	86	32 198	5 179,161	25 043,448	4,835	4,373
25	37	97 882	52 796,473	1 379 408,939	26,127	25,664	75	87	28 036	4 399,734	19 864,287	4,515	4,052
26	38	97 772	51 451,113	1 326 612,466	25,784	25,322	76	88	23 835	3 649,304	15 464,553	4,238	3,775
27	39	97 655	50 135,976	1 275 161,353	25,434	24,972	77	89	19 924	2 976,111	11 815,249	3,970	3,508
28	40	97 524	48 847,812	1 225 025,377	25,078	24,616	78	90	16 288	2 373,570	8 839,138	3,724	3,262
29	41	97 395	47 592,921	1 176 177,565	24,713	24,251	79	91	13 102	1 862,762	6 465,568	3,471	3,009
30	42	97 251	46 363,687	1 128 584,644	24,342	23,880	80	92	10 177	1 411,632	4 602,806	3,261	2,798
31	43	97 094	45 160,058	1 082 220,957	23,964	23,502	81	93	7 693	1 041,089	3 191,174	3,065	2,603
32	44	96 920	43 979,464	1 037 060,899	23,581	23,118	82	94	5 645	745,258	2 150,084	2,885	2,423
33	45	96 738	42 826,278	993 081,436	23,189	22,726	83	95	4 013	516,828	1 404,826	2,718	2,256
34	46	96 537	41 694,919	950 255,158	22,791	22,328	84	96	2 758	346,566	887,998	2,562	2,100
35	47	96 310	40 582,066	908 560,238	22,388	21,926	85	97	1 826	223,900	541,432	2,418	1,956
36	48	96 059	39 489,343	867 978,172	21,980	21,518	86	98	1 160	138,769	317,532	2,288	1,826
37	49	95 794	38 419,722	828 488,829	21,564	21,102	87	99	706	82,356	178,763	2,171	1,708
38	50	95 499	37 367,296	790 069,107	21,143	20,681	88	100	409	46,546	96,407	2,071	1,609
39	51	95 173	36 331,563	752 701,811	20,718	20,255							
40	52	94 825	35 315,635	716 370,249	20,285	19,822							
41	53	94 433	34 311,967	681 054,613	19,849	19,386							
42	54	94 006	33 323,780	646 742,646	19,408	18,945							
43	55	93 556	32 355,160	613 418,866	18,959	18,497							
44	56	93 040	31 391,963	581 063,707	18,510	18,048							
45	57	92 490	30 445,215	549 671,743	18,054	17,592							
46	58	91 886	29 508,784	519 226,528	17,596	17,133							
47	59	91 215	28 578,853	489 717,744	17,136	16,673							
48	60	90 498	27 662,745	461 138,891	16,670	16,208							
49	61	89 686	26 745,691	433 476,146	16,207	15,745							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	3 231 479,271	32,462	31,999	50	63	88 271	25 681,774	395 558,067	15,402	14,940
1	14	99 134	96 716,013	3 131 931,250	32,383	31,920	51	64	87 308	24 781,983	369 876,293	14,925	14,463
2	15	99 086	94 311,824	3 035 215,237	32,183	31,720	52	65	86 263	23 888,326	345 094,310	14,446	13,984
3	16	99 054	91 981,354	2 940 903,413	31,973	31,510	53	66	85 145	23 003,613	321 205,984	13,963	13,501
4	17	99 023	89 709,933	2 848 922,059	31,757	31,295	54	67	83 961	22 130,374	298 202,371	13,475	13,012
5	18	98 991	87 493,913	2 759 212,126	31,536	31,074	55	68	82 670	21 258,762	276 071,998	12,986	12,524
6	19	98 958	85 331,395	2 671 718,213	31,310	30,847	56	69	81 296	20 395,426	254 813,236	12,494	12,031
7	20	98 927	83 223,463	2 586 386,818	31,078	30,615	57	70	79 805	19 533,145	234 417,810	12,001	11,539
8	21	98 896	81 168,641	2 503 163,354	30,839	30,377	58	71	78 224	18 679,071	214 884,664	11,504	11,042
9	22	98 865	79 164,190	2 421 994,713	30,595	30,132	59	72	76 498	17 821,336	196 205,594	11,010	10,547
10	23	98 834	77 208,980	2 342 830,523	30,344	29,882	60	73	74 591	16 953,326	178 384,257	10,522	10,060
11	24	98 803	75 301,967	2 265 621,543	30,087	29,625	61	74	72 521	16 080,772	161 430,931	10,039	9,576
12	25	98 771	73 441,490	2 190 319,576	29,824	29,362	62	75	70 320	15 212,427	145 350,158	9,555	9,092
13	26	98 738	71 626,776	2 116 878,087	29,554	29,092	63	76	67 908	14 332,314	130 137,372	9,080	8,618
14	27	98 703	69 854,996	2 045 251,310	29,279	28,816	64	77	65 317	13 449,326	115 805,418	8,610	8,148
15	28	98 662	68 122,388	1 975 396,314	28,998	28,535	65	78	62 514	12 558,248	102 356,092	8,151	7,688
16	29	98 616	66 430,332	1 907 273,926	28,711	28,248	66	79	59 493	11 659,861	89 797,845	7,701	7,239
17	30	98 560	64 772,892	1 840 843,594	28,420	27,958	67	80	56 305	10 765,806	78 137,984	7,258	6,796
18	31	98 499	63 154,152	1 776 070,702	28,123	27,660	68	81	52 892	9 866,529	67 372,178	6,828	6,366
19	32	98 412	61 559,489	1 712 916,550	27,825	27,363	69	82	49 286	8 969,634	57 505,649	6,411	5,949
20	33	98 324	60 004,499	1 651 357,061	27,521	27,058	70	83	45 478	8 074,809	48 536,015	6,011	5,548
21	34	98 230	58 484,835	1 591 352,562	27,210	26,747	71	84	41 521	7 192,364	40 461,207	5,626	5,163
22	35	98 135	57 003,057	1 532 867,727	26,891	26,429	72	85	37 456	6 329,925	33 268,842	5,256	4,793
23	36	98 038	55 557,761	1 475 864,670	26,565	26,102	73	86	33 264	5 484,461	26 938,918	4,912	4,449
24	37	97 938	54 147,580	1 420 306,909	26,230	25,768	74	87	29 086	4 678,602	21 454,457	4,586	4,123
25	38	97 830	52 768,665	1 366 159,329	25,890	25,427	75	88	24 821	3 895,254	16 775,855	4,307	3,844
26	39	97 715	51 420,779	1 313 390,664	25,542	25,080	76	89	20 845	3 191,455	12 880,601	4,036	3,574
27	40	97 586	50 100,717	1 261 969,885	25,189	24,726	77	90	17 140	2 560,143	9 689,146	3,785	3,322
28	41	97 455	48 812,993	1 211 869,168	24,827	24,364	78	91	13 874	2 021,815	7 129,002	3,526	3,064
29	42	97 314	47 553,373	1 163 056,174	24,458	23,995	79	92	10 834	1 540,236	5 107,187	3,316	2,853
30	43	97 159	46 319,829	1 115 502,802	24,083	23,620	80	93	8 254	1 144,857	3 566,951	3,116	2,653
31	44	96 992	45 112,389	1 069 182,972	23,700	23,238	81	94	6 102	825,706	2 422,094	2,933	2,471
32	45	96 810	43 929,731	1 024 070,583	23,312	22,849	82	95	4 373	577,283	1 596,388	2,765	2,303
33	46	96 607	42 768,353	980 140,852	22,917	22,455	83	96	3 032	390,490	1 019,105	2,610	2,147
34	47	96 387	41 630,254	937 372,500	22,517	22,054	84	97	2 030	255,076	628,615	2,464	2,002
35	48	96 142	40 511,640	895 742,246	22,111	21,648	85	98	1 308	160,322	373,538	2,330	1,868
36	49	95 881	39 416,170	855 230,606	21,697	21,235	86	99	807	96,544	213,216	2,208	1,746
37	50	95 593	38 339,345	815 814,436	21,279	20,816	87	100	476	55,598	116,672	2,098	1,636
38	51	95 276	37 279,989	777 475,091	20,855	20,393							
39	52	94 936	36 241,068	740 195,102	20,424	19,962							
40	53	94 562	35 217,782	703 954,033	19,989	19,526							
41	54	94 146	34 207,687	668 736,252	19,549	19,087							
42	55	93 707	33 217,605	634 528,565	19,102	18,640							
43	56	93 219	32 238,761	601 310,960	18,652	18,189							
44	57	92 687	31 272,897	569 072,199	18,197	17,735							
45	58	92 108	30 319,590	537 799,302	17,738	17,275							
46	59	91 467	29 374,234	507 479,712	17,276	16,814							
47	60	90 779	28 442,293	478 105,478	16,810	16,347							
48	61	90 004	27 511,488	449 663,184	16,345	15,882							
49	62	89 176	26 593,629	422 151,696	15,874	15,412							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	3 217 132,447	32,321	31,858	50	64	87 682	25 510,512	383 946,337	15,051	14,588
1	15	99 122	96 704,040	3 117 594,219	32,239	31,776	51	65	86 680	24 603,657	358 435,825	14,568	14,106
2	16	99 073	94 299,039	3 020 890,179	32,035	31,573	52	66	85 596	23 703,372	333 832,169	14,084	13,621
3	17	99 038	91 966,567	2 926 591,140	31,822	31,360	53	67	84 445	22 814,528	310 128,797	13,593	13,131
4	18	99 006	89 694,185	2 834 624,573	31,603	31,141	54	68	83 204	21 930,766	287 314,268	13,101	12,639
5	19	98 970	87 474,801	2 744 930,387	31,380	30,917	55	69	81 861	21 050,529	265 383,502	12,607	12,145
6	20	98 937	85 313,044	2 657 455,586	31,149	30,687	56	70	80 404	20 171,736	244 332,973	12,113	11,650
7	21	98 906	83 205,904	2 572 142,542	30,913	30,451	57	71	78 852	19 299,759	224 161,237	11,615	11,152
8	22	98 875	81 151,097	2 488 936,638	30,670	30,208	58	72	77 180	18 429,836	204 861,478	11,116	10,653
9	23	98 843	79 145,999	2 407 785,541	30,422	29,960	59	73	75 314	17 545,549	186 431,642	10,626	10,163
10	24	98 812	77 191,418	2 328 639,542	30,167	29,705	60	74	73 298	16 659,434	168 886,093	10,138	9,675
11	25	98 780	75 284,847	2 251 448,124	29,906	29,443	61	75	71 119	15 770,026	152 226,660	9,653	9,190
12	26	98 749	73 425,124	2 176 163,277	29,638	29,175	62	76	68 753	14 873,476	136 456,633	9,174	8,712
13	27	98 712	71 607,641	2 102 738,154	29,365	28,902	63	77	66 187	13 969,023	121 583,157	8,704	8,241
14	28	98 678	69 836,965	2 031 130,513	29,084	28,621	64	78	63 426	13 059,910	107 614,134	8,240	7,778
15	29	98 636	68 104,694	1 961 293,549	28,798	28,336	65	79	60 435	12 140,584	94 554,224	7,788	7,326
16	30	98 589	66 411,907	1 893 188,855	28,507	28,044	66	80	57 259	11 222,025	82 413,640	7,344	6,881
17	31	98 533	64 755,116	1 826 776,947	28,211	27,748	67	81	53 863	10 298,858	71 191,615	6,913	6,450
18	32	98 467	63 133,562	1 762 021,831	27,909	27,447	68	82	50 274	9 378,178	60 892,756	6,493	6,031
19	33	98 378	61 538,169	1 698 888,270	27,607	27,145	69	83	46 483	8 459,550	51 514,579	6,090	5,627
20	34	98 289	59 982,789	1 637 350,101	27,297	26,835	70	84	42 524	7 550,276	43 055,028	5,702	5,240
21	35	98 190	58 461,101	1 577 367,312	26,981	26,519	71	85	38 449	6 660,232	35 504,752	5,331	4,868
22	36	98 093	56 978,765	1 518 906,211	26,657	26,195	72	86	34 261	5 790,011	28 844,521	4,982	4,519
23	37	97 992	55 531,854	1 461 927,446	26,326	25,864	73	87	30 049	4 954,396	23 054,509	4,653	4,191
24	38	97 887	54 119,060	1 406 395,592	25,987	25,525	74	88	25 751	4 142,146	18 100,114	4,370	3,907
25	39	97 772	52 737,554	1 352 276,532	25,642	25,179	75	89	21 707	3 406,547	13 957,967	4,097	3,635
26	40	97 646	51 384,617	1 299 538,978	25,290	24,828	76	90	17 932	2 745,389	10 551,420	3,843	3,381
27	41	97 517	50 065,006	1 248 154,361	24,931	24,468	77	91	14 600	2 180,739	7 806,031	3,580	3,117
28	42	97 374	48 772,431	1 198 089,355	24,565	24,102	78	92	11 472	1 671,750	5 625,292	3,365	2,902
29	43	97 222	47 508,390	1 149 316,924	24,192	23,729	79	93	8 786	1 249,157	3 953,542	3,165	2,703
30	44	97 056	46 270,936	1 101 808,535	23,812	23,350	80	94	6 546	908,006	2 704,385	2,978	2,516
31	45	96 882	45 061,375	1 055 537,598	23,424	22,962	81	95	4 727	639,599	1 796,379	2,809	2,346
32	46	96 680	43 870,313	1 010 476,223	23,033	22,571	82	96	3 304	436,167	1 156,781	2,652	2,190
33	47	96 458	42 702,023	966 605,910	22,636	22,174	83	97	2 231	287,405	720,614	2,507	2,045
34	48	96 220	41 558,008	923 903,887	22,232	21,769	84	98	1 453	182,646	433,209	2,372	1,909
35	49	95 964	40 436,573	882 345,879	21,820	21,358	85	99	910	111,539	250,563	2,246	1,784
36	50	95 681	39 333,709	841 909,306	21,404	20,942	86	100	545	65,177	139,024	2,133	1,671
37	51	95 370	38 249,767	802 575,597	20,982	20,520							
38	52	95 039	37 187,132	764 325,831	20,554	20,091							
39	53	94 673	36 140,650	727 138,698	20,120	19,657							
40	54	94 275	35 110,748	690 998,048	19,681	19,218							
41	55	93 846	34 098,696	655 887,300	19,235	18,773							
42	56	93 370	33 098,104	621 788,604	18,786	18,324							
43	57	92 865	32 116,483	588 690,500	18,330	17,867							
44	58	92 304	31 143,856	556 574,017	17,871	17,409							
45	59	91 688	30 181,343	525 430,161	17,409	16,947							
46	60	91 030	29 233,874	495 248,818	16,941	16,479							
47	61	90 283	28 286,774	466 014,944	16,475	16,012							
48	62	89 492	27 355,072	437 728,169	16,002	15,539							
49	63	88 616	26 426,760	410 373,097	15,529	15,066							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	3 202 116,457	32,174	31,711	50	65	87 051	25 326,943	371 904,067	14,684	14,222
1	16	99 108	96 690,931	3 102 590,551	32,088	31,625	51	66	86 008	24 413,165	346 577,124	14,196	13,734
2	17	99 057	94 283,879	3 005 899,620	31,881	31,419	52	67	84 892	23 508,536	322 163,960	13,704	13,242
3	18	99 021	91 950,424	2 911 615,741	31,665	31,203	53	68	83 684	22 608,750	298 655,424	13,210	12,747
4	19	98 984	89 674,593	2 819 665,318	31,443	30,981	54	69	82 389	21 715,951	276 046,674	12,712	12,249
5	20	98 948	87 455,989	2 729 990,725	31,216	30,753	55	70	80 963	20 819,654	254 330,723	12,216	11,753
6	21	98 916	85 295,044	2 642 534,736	30,981	30,519	56	71	79 444	19 930,720	233 511,069	11,716	11,254
7	22	98 884	83 187,920	2 557 239,692	30,741	30,278	57	72	77 800	19 042,243	213 580,349	11,216	10,754
8	23	98 852	81 132,449	2 474 051,772	30,494	30,032	58	73	75 986	18 144,632	194 538,106	10,722	10,259
9	24	98 820	79 127,996	2 392 919,323	30,241	29,779	59	74	74 008	17 241,389	176 393,475	10,231	9,768
10	25	98 789	77 173,869	2 313 791,327	29,982	29,519	60	75	71 882	16 337,505	159 152,085	9,742	9,279
11	26	98 758	75 268,070	2 236 617,458	29,715	29,253	61	76	69 535	15 418,652	142 814,580	9,262	8,800
12	27	98 722	73 405,508	2 161 349,388	29,444	28,982	62	77	67 010	14 496,468	127 395,928	8,788	8,326
13	28	98 686	71 589,156	2 087 943,881	29,166	28,703	63	78	64 270	13 564,560	112 899,460	8,323	7,861
14	29	98 652	69 818,826	2 016 354,724	28,880	28,417	64	79	61 317	12 625,562	99 334,900	7,868	7,405
15	30	98 609	68 085,804	1 946 535,899	28,589	28,127	65	80	58 166	11 684,697	86 709,338	7,421	6,958
16	31	98 562	66 393,681	1 878 450,095	28,293	27,830	66	81	54 776	10 735,290	75 024,640	6,989	6,526
17	32	98 500	64 734,004	1 812 056,413	27,992	27,530	67	82	51 197	9 789,108	64 289,350	6,567	6,105
18	33	98 433	63 111,696	1 747 322,409	27,686	27,224	68	83	47 415	8 844,861	54 500,242	6,162	5,699
19	34	98 342	61 515,905	1 684 210,713	27,378	26,916	69	84	43 463	7 910,026	45 655,380	5,772	5,309
20	35	98 249	59 958,447	1 622 694,809	27,064	26,601	70	85	39 378	6 991,663	37 745,355	5,399	4,936
21	36	98 148	58 436,187	1 562 736,362	26,743	26,280	71	86	35 169	6 092,144	30 753,692	5,048	4,586
22	37	98 047	56 952,195	1 504 300,174	26,413	25,951	72	87	30 950	5 230,415	24 661,548	4,715	4,253
23	38	97 940	55 502,605	1 447 347,980	26,077	25,615	73	88	26 604	4 386,317	19 431,133	4,430	3,968
24	39	97 829	54 087,153	1 391 845,374	25,733	25,271	74	89	22 520	3 622,464	15 044,816	4,153	3,691
25	40	97 704	52 700,466	1 337 758,221	25,384	24,922	75	90	18 673	2 930,419	11 422,352	3,898	3,435
26	41	97 576	51 347,990	1 285 057,755	25,026	24,564	76	91	15 274	2 338,532	8 491,933	3,631	3,169
27	42	97 436	50 023,403	1 233 709,765	24,663	24,200	77	92	12 072	1 803,157	6 153,401	3,413	2,950
28	43	97 282	48 726,295	1 183 686,362	24,293	23,830	78	93	9 304	1 355,817	4 350,244	3,209	2,746
29	44	97 119	47 458,242	1 134 960,067	23,915	23,453	79	94	6 969	990,728	2 994,427	3,022	2,560
30	45	96 947	46 218,612	1 087 501,825	23,530	23,067	80	95	5 071	703,349	2 003,700	2,849	2,386
31	46	96 751	45 000,427	1 041 283,213	23,139	22,677	81	96	3 571	483,250	1 300,351	2,691	2,228
32	47	96 530	43 802,274	996 282,786	22,745	22,283	82	97	2 432	321,023	817,101	2,545	2,083
33	48	96 290	42 627,917	952 480,512	22,344	21,882	83	98	1 598	205,795	496,078	2,411	1,948
34	49	96 042	41 481,003	909 852,596	21,934	21,472	84	99	1 011	127,070	290,283	2,284	1,822
35	50	95 764	40 351,977	868 371,593	21,520	21,058	85	100	614	75,300	163,213	2,168	1,705
36	51	95 457	39 241,807	828 019,616	21,100	20,638							
37	52	95 132	38 154,494	788 777,809	20,673	20,211							
38	53	94 775	37 084,093	750 623,314	20,241	19,779							
39	54	94 385	36 030,812	713 539,221	19,804	19,341							
40	55	93 974	34 998,880	677 508,409	19,358	18,896							
41	56	93 508	33 976,025	642 509,529	18,911	18,448							
42	57	93 015	32 972,566	608 533,504	18,456	17,993							
43	58	92 482	31 983,961	575 560,938	17,995	17,533							
44	59	91 884	31 001,851	543 576,977	17,534	17,071							
45	60	91 250	30 037,126	512 575,125	17,065	16,602							
46	61	90 532	29 074,027	482 537,999	16,597	16,134							
47	62	89 770	28 125,951	453 463,973	16,123	15,660							
48	63	88 930	27 183,425	425 338,022	15,647	15,185							
49	64	88 025	26 250,529	398 154,596	15,167	14,705							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	3 186 427,868	32,020	31,558	50	66	86 377	25 130,851	359 444,194	14,303	13,840
1	17	99 092	96 675,386	3 086 915,454	31,931	31,468	51	67	85 301	24 212,494	334 313,343	13,807	13,345
2	18	99 040	94 267,329	2 990 240,068	31,721	31,258	52	68	84 126	23 296,498	310 100,849	13,311	12,849
3	19	98 999	91 930,338	2 895 972,739	31,502	31,039	53	69	82 864	22 387,294	286 804,351	12,811	12,349
4	20	98 963	89 655,308	2 804 042,400	31,276	30,813	54	70	81 485	21 477,778	264 417,057	12,311	11,849
5	21	98 928	87 437,537	2 714 387,093	31,044	30,581	55	71	79 996	20 570,896	242 939,279	11,810	11,347
6	22	98 895	85 276,608	2 626 949,556	30,805	30,343	56	72	78 384	19 664,784	222 368,383	11,308	10,846
7	23	98 862	83 168,803	2 541 672,948	30,560	30,098	57	73	76 596	18 747,561	202 703,599	10,812	10,350
8	24	98 830	81 113,995	2 458 504,144	30,309	29,847	58	74	74 669	17 830,087	183 956,037	10,317	9,855
9	25	98 798	79 110,006	2 377 390,150	30,052	29,589	59	75	72 578	16 908,216	166 125,950	9,825	9,363
10	26	98 767	77 156,671	2 298 280,143	29,787	29,325	60	76	70 280	15 973,487	149 217,735	9,342	8,879
11	27	98 732	75 247,962	2 221 123,473	29,517	29,055	61	77	67 772	15 027,825	133 244,248	8,867	8,404
12	28	98 697	73 386,559	2 145 875,511	29,241	28,778	62	78	65 070	14 076,733	118 216,423	8,398	7,936
13	29	98 661	71 570,562	2 072 488,952	28,957	28,495	63	79	62 133	13 113,428	104 139,690	7,941	7,479
14	30	98 625	69 799,461	2 000 918,389	28,667	28,204	64	80	59 014	12 151,464	91 026,262	7,491	7,029
15	31	98 581	68 067,119	1 931 118,929	28,371	27,908	65	81	55 643	11 177,895	78 874,797	7,056	6,594
16	32	98 530	66 372,035	1 863 051,810	28,070	27,607	66	82	52 065	10 203,939	67 696,903	6,634	6,172
17	33	98 466	64 711,584	1 796 679,775	27,764	27,302	67	83	48 285	9 232,423	57 492,964	6,227	5,765
18	34	98 397	63 088,863	1 731 968,191	27,453	26,990	68	84	44 335	8 270,307	48 260,541	5,835	5,373
19	35	98 303	61 490,940	1 668 879,328	27,140	26,678	69	85	40 248	7 324,796	39 990,234	5,460	4,997
20	36	98 207	59 932,896	1 607 388,388	26,820	26,357	70	86	36 019	6 395,306	32 665,438	5,108	4,645
21	37	98 103	58 408,937	1 547 455,493	26,493	26,031	71	87	31 770	5 503,347	26 270,131	4,773	4,311
22	38	97 996	56 922,198	1 489 046,555	26,159	25,697	72	88	27 401	4 630,687	20 766,784	4,485	4,022
23	39	97 883	55 469,883	1 432 124,357	25,818	25,356	73	89	23 266	3 836,001	16 136,097	4,206	3,744
24	40	97 760	54 049,116	1 376 654,475	25,470	25,008	74	90	19 372	3 116,157	12 300,096	3,947	3,485
25	41	97 634	52 662,901	1 322 605,359	25,115	24,652	75	91	15 906	2 496,141	9 183,939	3,679	3,217
26	42	97 495	51 305,321	1 269 942,457	24,753	24,290	76	92	12 630	1 933,629	6 687,799	3,459	2,996
27	43	97 343	49 976,083	1 218 637,136	24,384	23,922	77	93	9 790	1 462,390	4 754,170	3,251	2,789
28	44	97 179	48 674,862	1 168 661,053	24,010	23,547	78	94	7 379	1 075,322	3 291,780	3,061	2,599
29	45	97 009	47 404,575	1 119 986,191	23,626	23,164	79	95	5 398	767,426	2 216,458	2,888	2,426
30	46	96 816	46 156,099	1 072 581,616	23,238	22,776	80	96	3 831	531,416	1 449,032	2,727	2,264
31	47	96 601	44 930,635	1 026 425,517	22,845	22,382	81	97	2 628	355,676	917,616	2,580	2,117
32	48	96 362	43 726,259	981 494,882	22,446	21,984	82	98	1 741	229,867	561,940	2,445	1,982
33	49	96 112	42 548,929	937 768,624	22,040	21,577	83	99	1 112	143,175	332,073	2,319	1,857
34	50	95 841	41 394,222	895 219,695	21,627	21,164	84	100	683	85,785	188,897	2,202	1,740
35	51	95 540	40 257,696	853 825,473	21,209	20,747							
36	52	95 219	39 144,064	813 567,777	20,784	20,322							
37	53	94 869	38 048,775	774 423,713	20,353	19,891							
38	54	94 487	36 971,387	736 374,938	19,917	19,455							
39	55	94 085	35 916,013	699 403,551	19,473	19,011							
40	56	93 636	34 872,970	663 487,538	19,026	18,563							
41	57	93 154	33 847,157	628 614,568	18,572	18,110							
42	58	92 632	32 836,512	594 767,410	18,113	17,651							
43	59	92 061	31 838,126	561 930,898	17,650	17,187							
44	60	91 444	30 853,714	530 092,773	17,181	16,718							
45	61	90 751	29 872,887	499 239,059	16,712	16,250							
46	62	90 017	28 908,727	469 366,172	16,236	15,774							
47	63	89 206	27 949,467	440 457,445	15,759	15,297							
48	64	88 337	27 002,149	412 507,978	15,277	14,814							
49	65	87 392	26 061,635	385 505,829	14,792	14,330							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	3 170 062,196	31,861	31,399	50	67	85 667	24 924,281	346 580,655	13,905	13,443
1	18	99 075	96 658,416	3 070 565,779	31,767	31,305	51	68	84 532	23 994,106	321 656,374	13,406	12,943
2	19	99 018	94 246,737	2 973 907,363	31,554	31,092	52	69	83 302	23 068,305	297 662,268	12,904	12,441
3	20	98 978	91 910,568	2 879 660,626	31,331	30,869	53	70	81 955	22 141,758	274 593,962	12,402	11,939
4	21	98 942	89 636,392	2 787 750,058	31,101	30,638	54	71	80 511	21 221,157	252 452,205	11,896	11,434
5	22	98 906	87 418,638	2 698 113,666	30,864	30,402	55	72	78 928	20 296,419	231 231,048	11,393	10,930
6	23	98 872	85 257,012	2 610 695,028	30,621	30,159	56	73	77 171	19 360,469	210 934,629	10,895	10,433
7	24	98 839	83 149,886	2 525 438,017	30,372	29,910	57	74	75 268	18 422,564	191 574,160	10,399	9,936
8	25	98 807	81 095,553	2 442 288,131	30,116	29,654	58	75	73 226	17 485,537	173 151,595	9,903	9,440
9	26	98 776	79 092,377	2 361 192,577	29,854	29,391	59	76	70 961	16 531,481	155 666,058	9,416	8,954
10	27	98 741	77 136,058	2 282 100,200	29,585	29,123	60	77	68 499	15 568,596	139 134,577	8,937	8,474
11	28	98 706	75 228,538	2 204 964,142	29,310	28,848	61	78	65 810	14 592,705	123 565,981	8,468	8,005
12	29	98 671	73 367,498	2 129 735,605	29,028	28,566	62	79	62 906	13 608,568	108 973,276	8,008	7,545
13	30	98 633	71 550,711	2 056 368,106	28,740	28,278	63	80	59 800	12 621,011	95 364,709	7,556	7,094
14	31	98 598	69 780,305	1 984 817,395	28,444	27,981	64	81	56 454	11 624,417	82 743,698	7,118	6,656
15	32	98 549	68 044,927	1 915 037,090	28,144	27,681	65	82	52 889	10 624,636	71 119,281	6,694	6,231
16	33	98 496	66 349,048	1 846 992,163	27,838	27,375	66	83	49 104	9 623,663	60 494,645	6,286	5,824
17	34	98 431	64 688,172	1 780 643,115	27,527	27,064	67	84	45 149	8 632,693	50 870,982	5,893	5,430
18	35	98 357	63 063,260	1 715 954,944	27,210	26,748	68	85	41 055	7 658,422	42 238,289	5,515	5,053
19	36	98 261	61 464,735	1 652 891,684	26,892	26,429	69	86	36 815	6 700,024	34 579,867	5,161	4,699
20	37	98 161	59 904,948	1 591 426,948	26,566	26,103	70	87	32 538	5 777,209	27 879,843	4,826	4,363
21	38	98 051	58 378,174	1 531 522,000	26,234	25,772	71	88	28 127	4 872,325	22 102,634	4,536	4,074
22	39	97 938	56 888,638	1 473 143,827	25,895	25,433	72	89	23 963	4 049,712	17 230,309	4,255	3,792
23	40	97 814	55 430,873	1 416 255,188	25,550	25,088	73	90	20 014	3 299,848	13 180,597	3,994	3,532
24	41	97 690	54 010,590	1 360 824,316	25,196	24,733	74	91	16 502	2 654,353	9 880,749	3,722	3,260
25	42	97 553	52 619,140	1 306 813,725	24,835	24,373	75	92	13 152	2 063,948	7 226,396	3,501	3,039
26	43	97 403	51 256,789	1 254 194,586	24,469	24,006	76	93	10 243	1 568,205	5 162,448	3,292	2,830
27	44	97 241	49 923,331	1 202 937,797	24,096	23,633	77	94	7 765	1 159,847	3 594,243	3,099	2,636
28	45	97 069	48 619,819	1 153 014,466	23,715	23,252	78	95	5 716	832,953	2 434,396	2,923	2,460
29	46	96 878	47 340,458	1 104 394,647	23,329	22,866	79	96	4 078	579,830	1 601,443	2,762	2,299
30	47	96 665	46 084,514	1 057 054,189	22,937	22,475	80	97	2 820	391,128	1 021,613	2,612	2,150
31	48	96 434	44 852,661	1 010 969,675	22,540	22,077	81	98	1 882	254,680	630,486	2,476	2,013
32	49	96 183	43 645,236	966 117,013	22,136	21,673	82	99	1 211	159,923	375,805	2,350	1,887
33	50	95 911	42 459,913	922 471,778	21,726	21,263	83	100	750	96,657	215,882	2,233	1,771
34	51	95 617	41 297,506	880 011,864	21,309	20,847							
35	52	95 302	40 157,423	838 714,359	20,886	20,423							
36	53	94 955	39 035,603	798 556,936	20,457	19,995							
37	54	94 581	37 933,137	759 521,333	20,023	19,560							
38	55	94 186	36 853,591	721 588,196	19,580	19,117							
39	56	93 746	35 786,803	684 734,605	19,134	18,671							
40	57	93 281	34 740,701	648 947,802	18,680	18,217							
41	58	92 769	33 707,495	614 207,100	18,222	17,759							
42	59	92 209	32 686,790	580 499,606	17,759	17,297							
43	60	91 621	31 685,992	547 812,816	17,289	16,826							
44	61	90 944	30 685,009	516 126,825	16,820	16,358							
45	62	90 235	29 703,046	485 441,815	16,343	15,881							
46	63	89 453	28 727,331	455 738,770	15,864	15,402							
47	64	88 611	27 763,082	427 011,438	15,381	14,918							
48	65	87 702	26 807,847	399 248,357	14,893	14,431							
49	66	86 715	25 859,855	372 440,510	14,402	13,940							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	3 153 016,416	31,695	31,233	50	68	84 895	24 699,473	333 325,854	13,495	13,033
1	19	99 053	96 637,302	3 053 537,465	31,598	31,135	51	69	83 704	23 759,081	308 626,381	12,990	12,527
2	20	98 997	94 226,469	2 956 900,163	31,381	30,918	52	70	82 389	22 815,300	284 867,300	12,486	12,023
3	21	98 957	91 891,176	2 862 673,694	31,153	30,690	53	71	80 976	21 877,203	262 052,000	11,978	11,516
4	22	98 920	89 617,017	2 770 782,518	30,918	30,456	54	72	79 437	20 938,003	240 174,797	11,471	11,008
5	23	98 883	87 398,549	2 681 165,501	30,677	30,215	55	73	77 707	19 982,329	219 236,794	10,972	10,509
6	24	98 850	85 237,619	2 593 766,951	30,430	29,967	56	74	75 833	19 024,847	199 254,465	10,473	10,011
7	25	98 817	83 130,982	2 508 529,332	30,176	29,713	57	75	73 814	18 066,566	180 229,618	9,976	9,513
8	26	98 785	81 077,482	2 425 398,350	29,915	29,452	58	76	71 594	17 095,939	162 163,052	9,485	9,023
9	27	98 749	79 071,247	2 344 320,869	29,648	29,186	59	77	69 162	16 112,446	145 067,113	9,003	8,541
10	28	98 715	77 116,147	2 265 249,622	29,375	28,912	60	78	66 515	15 117,819	128 954,667	8,530	8,068
11	29	98 681	75 208,998	2 188 133,475	29,094	28,632	61	79	63 621	14 107,379	113 836,848	8,069	7,607
12	30	98 644	73 347,149	2 112 924,477	28,807	28,345	62	80	60 544	13 097,557	99 729,469	7,614	7,152
13	31	98 606	71 531,075	2 039 577,328	28,513	28,051	63	81	57 206	12 073,597	86 631,912	7,175	6,713
14	32	98 566	69 757,555	1 968 046,253	28,213	27,750	64	82	53 660	11 049,057	74 558,315	6,748	6,286
15	33	98 515	68 021,360	1 898 288,698	27,907	27,445	65	83	49 881	10 020,436	63 509,258	6,338	5,876
16	34	98 460	66 325,043	1 830 267,338	27,595	27,133	66	84	45 914	8 998,519	53 488,821	5,944	5,482
17	35	98 391	64 661,920	1 763 942,295	27,279	26,817	67	85	41 808	7 993,997	44 490,303	5,565	5,103
18	36	98 315	63 036,385	1 699 280,375	26,957	26,495	68	86	37 553	7 005,193	36 496,306	5,210	4,747
19	37	98 215	61 436,073	1 636 243,990	26,633	26,171	69	87	33 257	6 052,477	29 491,113	4,873	4,410
20	38	98 110	59 873,396	1 574 807,916	26,302	25,840	70	88	28 807	5 114,785	23 438,636	4,583	4,120
21	39	97 993	58 343,756	1 514 934,520	25,966	25,503	71	89	24 599	4 261,033	18 323,851	4,300	3,838
22	40	97 869	56 848,631	1 456 590,765	25,622	25,160	72	90	20 614	3 483,689	14 062,818	4,037	3,574
23	41	97 744	55 391,362	1 399 742,134	25,270	24,808	73	91	17 048	2 810,822	10 579,129	3,764	3,301
24	42	97 609	53 965,709	1 344 350,772	24,911	24,449	74	92	13 644	2 194,767	7 768,307	3,539	3,077
25	43	97 461	52 569,365	1 290 385,063	24,546	24,084	75	93	10 666	1 673,896	5 573,540	3,330	2,867
26	44	97 300	51 202,685	1 237 815,699	24,175	23,712	76	94	8 124	1 243,770	3 899,644	3,135	2,673
27	45	97 131	49 866,877	1 186 613,014	23,796	23,333	77	95	6 015	898,427	2 655,873	2,956	2,494
28	46	96 938	48 554,058	1 136 746,137	23,412	22,950	78	96	4 319	629,339	1 757,447	2,793	2,330
29	47	96 728	47 267,037	1 088 192,079	23,022	22,560	79	97	3 002	426,760	1 128,108	2,643	2,181
30	48	96 498	46 004,539	1 040 925,043	22,627	22,164	80	98	2 019	280,065	701,347	2,504	2,042
31	49	96 255	44 769,551	994 920,504	22,223	21,761	81	99	1 309	177,186	421,282	2,378	1,915
32	50	95 982	43 553,927	950 150,953	21,816	21,353	82	100	818	107,963	244,096	2,261	1,798
33	51	95 687	42 360,708	906 597,026	21,402	20,939							
34	52	95 379	41 194,642	864 236,319	20,979	20,517							
35	53	95 038	40 046,153	823 041,677	20,552	20,090							
36	54	94 667	38 916,966	782 995,524	20,120	19,657							
37	55	94 279	37 812,277	744 078,557	19,678	19,216							
38	56	93 847	36 721,009	706 266,281	19,233	18,771							
39	57	93 391	35 651,068	669 545,272	18,781	18,318							
40	58	92 896	34 597,351	633 894,204	18,322	17,860							
41	59	92 346	33 553,800	599 296,853	17,861	17,398							
42	60	91 769	32 530,601	565 743,052	17,391	16,929							
43	61	91 120	31 512,737	533 212,452	16,921	16,458							
44	62	90 427	30 510,551	501 699,715	16,443	15,981							
45	63	89 669	29 516,665	471 189,164	15,963	15,501							
46	64	88 856	28 535,759	441 672,499	15,478	15,015							
47	65	87 974	27 563,304	413 136,740	14,989	14,526							
48	66	87 023	26 600,289	385 573,436	14,495	14,033							
49	67	86 002	25 647,293	358 973,147	13,997	13,534							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	3 135 286,457	31,524	31,062	50	69	84 063	24 457,538	319 700,601	13,072	12,609
1	20	99 032	96 616,520	3 035 829,236	31,421	30,959	51	70	82 786	23 498,499	295 243,063	12,564	12,102
2	21	98 976	94 206,588	2 939 212,716	31,200	30,737	52	71	81 404	22 542,698	271 744,563	12,055	11,592
3	22	98 935	91 871,314	2 845 006,127	30,967	30,505	53	72	79 896	21 585,296	249 201,865	11,545	11,083
4	23	98 898	89 596,423	2 753 134,813	30,728	30,266	54	73	78 208	20 613,984	227 616,570	11,042	10,579
5	24	98 861	87 378,670	2 663 538,390	30,483	30,020	55	74	76 360	19 635,927	207 002,585	10,542	10,080
6	25	98 827	85 218,240	2 576 159,720	30,230	29,768	56	75	74 367	18 657,210	187 366,658	10,043	9,580
7	26	98 795	83 112,457	2 490 941,479	29,971	29,508	57	76	72 169	17 664,021	168 709,448	9,551	9,089
8	27	98 759	81 055,821	2 407 829,023	29,706	29,243	58	77	69 779	16 662,597	151 045,427	9,065	8,603
9	28	98 724	79 050,836	2 326 773,202	29,434	28,971	59	78	67 160	15 645,922	134 382,830	8,589	8,127
10	29	98 690	77 096,117	2 247 722,365	29,155	28,692	60	79	64 303	14 615,028	118 736,908	8,124	7,662
11	30	98 653	75 188,138	2 170 626,248	28,869	28,407	61	80	61 232	13 577,638	104 121,880	7,669	7,206
12	31	98 617	73 327,020	2 095 438,110	28,577	28,114	62	81	57 918	12 529,475	90 544,242	7,226	6,764
13	32	98 574	71 507,754	2 022 111,091	28,278	27,816	63	82	54 374	11 476,005	78 014,767	6,798	6,336
14	33	98 531	69 733,395	1 950 603,337	27,972	27,510	64	83	50 609	10 420,721	66 538,762	6,385	5,923
15	34	98 480	67 996,751	1 880 869,942	27,661	27,199	65	84	46 641	9 369,518	56 118,041	5,989	5,527
16	35	98 420	66 298,127	1 812 873,191	27,344	26,882	66	85	42 517	8 332,756	46 748,523	5,610	5,148
17	36	98 349	64 634,364	1 746 575,064	27,022	26,560	67	86	38 242	7 312,145	38 415,767	5,254	4,791
18	37	98 269	63 006,990	1 681 940,700	26,695	26,232	68	87	33 923	6 328,151	31 103,622	4,915	4,453
19	38	98 163	61 403,715	1 618 933,710	26,365	25,903	69	88	29 443	5 358,490	24 775,470	4,624	4,161
20	39	98 052	59 838,096	1 557 529,995	26,029	25,567	70	89	25 193	4 473,074	19 416,980	4,341	3,878
21	40	97 924	58 302,725	1 497 691,899	25,688	25,226	71	90	21 160	3 665,474	14 943,906	4,077	3,615
22	41	97 799	56 808,109	1 439 389,174	25,338	24,875	72	91	17 559	2 967,418	11 278,432	3,801	3,338
23	42	97 663	55 345,333	1 382 581,064	24,981	24,519	73	92	14 096	2 324,144	8 311,014	3,576	3,114
24	43	97 517	53 914,660	1 327 235,731	24,617	24,155	74	93	11 066	1 779,993	5 986,870	3,363	2,901
25	44	97 358	52 513,875	1 273 321,072	24,247	23,785	75	94	8 460	1 327,596	4 206,877	3,169	2,706
26	45	97 190	51 144,784	1 220 807,196	23,870	23,407	76	95	6 293	963,435	2 879,281	2,989	2,526
27	46	96 999	49 799,429	1 169 662,413	23,487	23,025	77	96	4 544	678,808	1 915,847	2,822	2,360
28	47	96 788	48 478,754	1 119 862,984	23,100	22,638	78	97	3 179	463,200	1 237,039	2,671	2,208
29	48	96 560	47 185,009	1 071 384,230	22,706	22,244	79	98	2 149	305,580	773,839	2,532	2,070
30	49	96 319	45 919,294	1 024 199,221	22,304	21,842	80	99	1 405	194,847	468,260	2,403	1,941
31	50	96 053	44 675,890	978 279,927	21,897	21,435	81	100	884	119,618	273,413	2,286	1,823
32	51	95 758	43 452,165	933 604,037	21,486	21,023							
33	52	95 448	42 255,196	890 151,872	21,066	20,604							
34	53	95 115	41 080,499	847 896,676	20,640	20,177							
35	54	94 749	39 924,445	806 816,178	20,209	19,746							
36	55	94 365	38 792,971	766 891,733	19,769	19,306							
37	56	93 940	37 676,246	728 098,762	19,325	18,863							
38	57	93 491	36 581,730	690 422,516	18,873	18,411							
39	58	93 005	35 503,962	653 840,786	18,416	17,954							
40	59	92 473	34 439,600	618 336,824	17,954	17,492							
41	60	91 905	33 393,468	583 897,225	17,485	17,023							
42	61	91 267	32 352,727	550 503,756	17,016	16,553							
43	62	90 602	31 333,572	518 151,029	16,537	16,074							
44	63	89 860	30 319,104	486 817,457	16,056	15,594							
45	64	89 071	29 319,830	456 498,353	15,570	15,107							
46	65	88 217	28 330,421	427 178,524	15,078	14,616							
47	66	87 293	27 349,897	398 848,102	14,583	14,121							
48	67	86 307	26 381,641	371 498,206	14,082	13,619							
49	68	85 227	25 415,964	345 116,565	13,579	13,116							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	3 116 870,969	31,346	30,883	50	70	83 141	24 189,296	305 725,067	12,639	12,176
1	21	99 011	96 596,135	3 017 435,137	31,238	30,775	51	71	81 797	23 217,734	281 535,770	12,126	11,663
2	22	98 954	94 186,226	2 920 839,002	31,011	30,549	52	72	80 318	22 241,911	258 318,036	11,614	11,152
3	23	98 913	91 850,202	2 826 652,776	30,775	30,312	53	73	78 659	21 251,260	236 076,125	11,109	10,646
4	24	98 875	89 576,044	2 734 802,574	30,531	30,068	54	74	76 852	20 256,633	214 824,865	10,605	10,143
5	25	98 838	87 358,804	2 645 226,529	30,280	29,818	55	75	74 884	19 256,481	194 568,232	10,104	9,642
6	26	98 805	85 199,250	2 557 867,725	30,022	29,560	56	76	72 711	18 241,506	175 311,751	9,611	9,148
7	27	98 768	83 090,252	2 472 668,475	29,759	29,296	57	77	70 340	17 216,279	157 070,246	9,123	8,661
8	28	98 733	81 034,898	2 389 578,223	29,488	29,026	58	78	67 759	16 180,143	139 853,966	8,644	8,181
9	29	98 698	79 030,304	2 308 543,325	29,211	28,748	59	79	64 926	15 125,568	123 673,823	8,176	7,714
10	30	98 662	77 074,733	2 229 513,020	28,927	28,464	60	80	61 888	14 066,225	108 548,255	7,717	7,255
11	31	98 626	75 167,504	2 152 438,287	28,635	28,173	61	81	58 576	12 988,733	94 482,030	7,274	6,812
12	32	98 585	73 303,113	2 077 270,783	28,338	27,876	62	82	55 051	11 909,318	81 493,297	6,843	6,380
13	33	98 540	71 482,988	2 003 967,670	28,034	27,572	63	83	51 282	10 823,390	69 583,979	6,429	5,967
14	34	98 496	69 708,166	1 932 484,683	27,723	27,260	64	84	47 321	9 743,801	58 760,589	6,031	5,568
15	35	98 440	67 969,156	1 862 776,517	27,406	26,944	65	85	43 190	8 676,307	49 016,789	5,649	5,187
16	36	98 378	66 269,874	1 794 807,361	27,083	26,621	66	86	38 891	7 622,010	40 340,482	5,293	4,830
17	37	98 303	64 604,224	1 728 537,487	26,756	26,293	67	87	34 546	6 605,437	32 718,472	4,953	4,491
18	38	98 218	62 973,805	1 663 933,263	26,423	25,960	68	88	30 034	5 602,556	26 113,035	4,661	4,198
19	39	98 105	61 367,513	1 600 959,459	26,088	25,626	69	89	25 749	4 686,203	20 510,479	4,377	3,914
20	40	97 983	59 796,015	1 539 591,945	25,747	25,285	70	90	21 672	3 847,878	15 824,276	4,112	3,650
21	41	97 854	58 261,167	1 479 795,931	25,399	24,937	71	91	18 025	3 122,263	11 976,398	3,836	3,373
22	42	97 718	56 760,903	1 421 534,764	25,044	24,582	72	92	14 519	2 453,627	8 854,135	3,609	3,146
23	43	97 571	55 292,979	1 364 773,861	24,683	24,220	73	93	11 432	1 884,920	6 400,508	3,396	2,933
24	44	97 414	53 857,750	1 309 480,881	24,314	23,851	74	94	8 777	1 411,743	4 515,589	3,199	2,736
25	45	97 248	52 454,491	1 255 623,131	23,937	23,475	75	95	6 553	1 028,367	3 103,846	3,018	2,556
26	46	97 059	51 075,607	1 203 168,640	23,557	23,094	76	96	4 754	727,925	2 075,479	2,851	2,389
27	47	96 849	49 722,194	1 152 093,033	23,171	22,708	77	97	3 345	499,609	1 347,555	2,697	2,235
28	48	96 620	48 394,624	1 102 370,839	22,779	22,316	78	98	2 276	331,672	847,945	2,557	2,094
29	49	96 381	47 097,577	1 053 976,215	22,379	21,916	79	99	1 495	212,598	516,274	2,428	1,966
30	50	96 117	45 823,227	1 006 878,639	21,973	21,511	80	100	948	131,540	303,676	2,309	1,846
31	51	95 829	44 571,506	961 055,411	21,562	21,100							
32	52	95 519	43 343,935	916 483,905	21,144	20,682							
33	53	95 184	42 138,114	873 139,970	20,721	20,258							
34	54	94 826	40 955,647	831 001,856	20,290	19,828							
35	55	94 447	39 797,240	790 046,209	19,852	19,389							
36	56	94 026	38 653,412	750 248,969	19,410	18,947							
37	57	93 584	37 533,344	711 595,557	18,959	18,497							
38	58	93 106	36 430,784	674 062,214	18,503	18,040							
39	59	92 581	35 342,076	637 631,430	18,042	17,579							
40	60	92 031	34 275,035	602 289,353	17,572	17,110							
41	61	91 403	33 210,877	568 014,318	17,103	16,641							
42	62	90 748	32 168,787	534 803,441	16,625	16,162							
43	63	90 033	31 136,961	502 634,655	16,143	15,680							
44	64	89 261	30 116,917	471 497,694	15,656	15,193							
45	65	88 430	29 108,850	441 380,777	15,163	14,701							
46	66	87 534	28 111,075	412 271,928	14,666	14,203							
47	67	86 575	27 125,087	384 160,853	14,163	13,700							
48	68	85 529	26 143,688	357 035,766	13,657	13,194							
49	69	84 392	25 167,011	330 892,078	13,148	12,685							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	3 097 763,716	31,160	30,698	50	71	82 148	23 900,278	291 429,269	12,194	11,731
1	22	98 990	96 575,256	2 998 348,863	31,047	30,584	51	72	80 706	22 907,940	267 528,992	11,678	11,216
2	23	98 932	94 164,582	2 901 773,607	30,816	30,354	52	73	79 075	21 897,714	244 621,052	11,171	10,709
3	24	98 890	91 829,311	2 807 609,025	30,574	30,112	53	74	77 296	20 882,861	222 723,338	10,665	10,203
4	25	98 853	89 555,679	2 715 779,714	30,325	29,863	54	75	75 367	19 865,192	201 840,477	10,161	9,698
5	26	98 816	87 339,337	2 626 224,036	30,069	29,607	55	76	73 216	18 827,424	181 975,285	9,665	9,203
6	27	98 779	85 176,488	2 538 884,699	29,807	29,345	56	77	70 867	17 779,126	163 147,860	9,176	8,714
7	28	98 743	83 068,804	2 453 708,210	29,538	29,076	57	78	68 303	16 717,794	145 368,735	8,695	8,233
8	29	98 708	81 013,850	2 370 639,406	29,262	28,800	58	79	65 505	15 642,022	128 650,940	8,225	7,762
9	30	98 671	79 008,384	2 289 625,555	28,980	28,517	59	80	62 488	14 557,593	113 008,918	7,763	7,300
10	31	98 635	77 053,581	2 210 617,171	28,689	28,227	60	81	59 204	13 456,128	98 451,325	7,316	6,854
11	32	98 594	75 142,997	2 133 563,590	28,393	27,931	61	82	55 677	12 345,845	84 995,197	6,885	6,422
12	33	98 550	73 277,725	2 058 420,593	28,091	27,628	62	83	51 921	11 232,061	72 649,351	6,468	6,006
13	34	98 504	71 457,126	1 985 142,868	27,781	27,318	63	84	47 951	10 120,312	61 417,290	6,069	5,606
14	35	98 456	69 679,877	1 913 685,742	27,464	27,002	64	85	43 820	9 022,898	51 296,978	5,685	5,223
15	36	98 398	67 940,191	1 844 005,866	27,142	26,679	65	86	39 506	7 936,257	42 274,080	5,327	4,864
16	37	98 332	66 238,971	1 776 065,675	26,813	26,351	66	87	35 132	6 885,354	34 337,823	4,987	4,525
17	38	98 251	64 570,197	1 709 826,704	26,480	26,018	67	88	30 585	5 848,047	27 452,649	4,694	4,232
18	39	98 160	62 936,677	1 645 256,507	26,141	25,679	68	89	26 266	4 899,648	21 604,422	4,409	3,947
19	40	98 036	61 324,356	1 582 319,830	25,802	25,340	69	90	22 150	4 031,218	16 704,774	4,144	3,681
20	41	97 913	59 753,392	1 520 995,474	25,455	24,992	70	91	18 460	3 277,636	12 673,556	3,867	3,404
21	42	97 773	58 212,753	1 461 242,082	25,102	24,639	71	92	14 904	2 581,661	9 395,920	3,639	3,177
22	43	97 626	56 707,210	1 403 029,329	24,742	24,279	72	93	11 775	1 989,932	6 814,259	3,424	2,962
23	44	97 468	55 234,615	1 346 322,118	24,375	23,912	73	94	9 067	1 494,962	4 824,327	3,227	2,765
24	45	97 304	53 796,847	1 291 087,503	23,999	23,537	74	95	6 798	1 093,548	3 329,365	3,045	2,582
25	46	97 116	52 383,543	1 237 290,657	23,620	23,157	75	96	4 951	776,984	2 235,817	2,878	2,415
26	47	96 908	50 996,393	1 184 907,113	23,235	22,773	76	97	3 499	535,760	1 458,833	2,723	2,261
27	48	96 681	49 635,905	1 133 910,720	22,845	22,382	77	98	2 395	357,743	923,073	2,580	2,118
28	49	96 441	48 304,950	1 084 274,815	22,446	21,984	78	99	1 583	230,750	565,331	2,450	1,988
29	50	96 179	46 999,045	1 035 969,865	22,042	21,580	79	100	1 010	143,524	334,580	2,331	1,869
30	51	95 893	45 716,163	988 970,820	21,633	21,170							
31	52	95 590	44 460,488	943 254,657	21,216	20,753							
32	53	95 255	43 223,836	898 794,168	20,794	20,332							
33	54	94 894	42 010,048	855 570,333	20,366	19,903							
34	55	94 523	40 825,156	813 560,284	19,928	19,465							
35	56	94 107	39 654,068	772 735,128	19,487	19,024							
36	57	93 669	38 506,803	733 081,060	19,038	18,575							
37	58	93 198	37 378,471	694 574,256	18,582	18,120							
38	59	92 681	36 264,672	657 195,786	18,122	17,660							
39	60	92 139	35 173,199	620 931,113	17,654	17,191							
40	61	91 527	34 087,623	585 757,914	17,184	16,721							
41	62	90 883	33 022,058	551 670,291	16,706	16,244							
42	63	90 179	31 966,935	518 648,233	16,225	15,762							
43	64	89 433	30 929,320	486 681,298	15,735	15,273							
44	65	88 618	29 900,201	455 751,979	15,242	14,780							
45	66	87 745	28 883,476	425 851,778	14,744	14,281							
46	67	86 814	27 880,009	396 968,301	14,238	13,776							
47	68	85 794	26 880,429	369 088,293	13,731	13,268							
48	69	84 691	25 887,607	342 207,864	13,219	12,757							
49	70	83 466	24 890,988	316 320,257	12,708	12,246							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	3 077 957,993	30,967	30,505	50	72	81 052	23 581,376	276 838,116	11,740	11,277
1	23	98 967	96 553,064	2 978 564,629	30,849	30,387	51	73	79 457	22 553,436	253 256,740	11,229	10,767
2	24	98 909	94 143,164	2 882 011,565	30,613	30,151	52	74	77 704	21 518,108	230 703,304	10,721	10,259
3	25	98 868	91 808,433	2 787 868,401	30,366	29,904	53	75	75 802	20 479,319	209 185,195	10,214	9,752
4	26	98 831	89 535,722	2 696 059,968	30,112	29,649	54	76	73 688	19 422,572	188 705,876	9,716	9,253
5	27	98 790	87 316,004	2 606 524,246	29,852	29,389	55	77	71 360	18 350,193	169 283,304	9,225	8,763
6	28	98 753	85 154,502	2 519 208,243	29,584	29,122	56	78	68 816	17 264,344	150 933,111	8,742	8,280
7	29	98 717	83 047,228	2 434 053,741	29,309	28,847	57	79	66 031	16 161,792	133 668,767	8,271	7,808
8	30	98 680	80 991,380	2 351 006,513	29,028	28,565	58	80	63 046	15 054,654	117 506,975	7,805	7,343
9	31	98 644	78 986,701	2 270 015,132	28,739	28,277	59	81	59 778	13 926,184	102 452,321	7,357	6,894
10	32	98 603	77 028,460	2 191 028,431	28,444	27,982	60	82	56 274	12 790,106	88 526,137	6,921	6,459
11	33	98 560	75 116,972	2 113 999,972	28,143	27,680	61	83	52 511	11 643,764	75 736,030	6,504	6,042
12	34	98 515	73 251,214	2 038 883,000	27,834	27,372	62	84	48 548	10 502,437	64 092,266	6,103	5,640
13	35	98 464	71 428,127	1 965 631,786	27,519	27,057	63	85	44 403	9 371,553	53 589,829	5,718	5,256
14	36	98 414	69 650,182	1 894 203,659	27,196	26,734	64	86	40 082	8 253,286	44 218,227	5,358	4,895
15	37	98 352	67 908,509	1 824 553,477	26,868	26,405	65	87	35 688	7 169,229	35 964,991	5,017	4,554
16	38	98 280	66 204,083	1 756 644,968	26,534	26,071	66	88	31 104	6 095,868	28 795,761	4,724	4,261
17	39	98 193	64 532,128	1 690 440,885	26,195	25,733	67	89	26 748	5 114,339	22 699,893	4,438	3,976
18	40	98 091	62 892,416	1 625 908,756	25,852	25,390	68	90	22 595	4 214,830	17 585,554	4,172	3,710
19	41	97 966	61 280,644	1 563 016,340	25,506	25,043	69	91	18 868	3 433,806	13 370,724	3,894	3,431
20	42	97 832	59 703,739	1 501 735,696	25,153	24,691	70	92	15 264	2 710,132	9 936,918	3,667	3,204
21	43	97 681	58 157,687	1 442 031,957	24,795	24,333	71	93	12 087	2 093,770	7 226,786	3,452	2,989
22	44	97 522	56 647,353	1 383 874,270	24,430	23,967	72	94	9 339	1 578,249	5 133,016	3,252	2,790
23	45	97 357	55 172,154	1 327 226,917	24,056	23,594	73	95	7 024	1 158,010	3 554,766	3,070	2,607
24	46	97 172	53 724,083	1 272 054,763	23,678	23,215	74	96	5 137	826,232	2 396,756	2,901	2,438
25	47	96 966	52 302,301	1 218 330,680	23,294	22,832	75	97	3 644	571,868	1 570,525	2,746	2,284
26	48	96 740	50 907,893	1 166 028,379	22,905	22,442	76	98	2 506	383,628	998,657	2,603	2,141
27	49	96 502	49 543,932	1 115 120,486	22,508	22,045	77	99	1 666	248,888	615,029	2,471	2,009
28	50	96 239	48 203,893	1 065 576,554	22,106	21,643	78	100	1 069	155,779	366,141	2,350	1,888
29	51	95 954	46 889,234	1 017 372,661	21,697	21,235							
30	52	95 654	45 602,294	970 483,428	21,281	20,819							
31	53	95 325	44 337,296	924 881,134	20,860	20,398							
32	54	94 965	43 092,470	880 543,838	20,434	19,971							
33	55	94 592	41 876,198	837 451,368	19,998	19,536							
34	56	94 183	40 678,287	795 575,170	19,558	19,095							
35	57	93 750	39 503,665	754 896,883	19,110	18,647							
36	58	93 283	38 347,914	715 393,219	18,655	18,193							
37	59	92 773	37 208,038	677 045,305	18,196	17,734							
38	60	92 238	36 091,387	639 837,267	17,728	17,266							
39	61	91 635	34 980,877	603 745,880	17,259	16,797							
40	62	91 007	33 893,819	568 765,003	16,781	16,318							
41	63	90 313	32 814,851	534 871,184	16,300	15,837							
42	64	89 577	31 753,759	502 056,333	15,811	15,349							
43	65	88 789	30 706,758	470 302,574	15,316	14,854							
44	66	87 932	29 668,701	439 595,816	14,817	14,354							
45	67	87 024	28 646,061	409 927,115	14,310	13,848							
46	68	86 031	27 628,541	381 281,054	13,800	13,338							
47	69	84 954	26 617,131	353 652,513	13,287	12,824							
48	70	83 762	25 603,680	327 035,382	12,773	12,311							
49	71	82 469	24 593,585	301 431,701	12,257	11,794							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	3 057 447,572	30,768	30,306	50	73	79 797	23 216,451	261 986,250	11,285	10,822
1	24	98 944	96 531,102	2 958 077,047	30,644	30,181	51	74	78 079	22 162,463	238 769,799	10,774	10,311
2	25	98 887	94 121,760	2 861 545,945	30,403	29,940	52	75	76 203	21 102,291	216 607,336	10,265	9,802
3	26	98 846	91 787,974	2 767 424,185	30,150	29,688	53	76	74 113	20 023,016	195 505,045	9,764	9,302
4	27	98 804	89 511,802	2 675 636,211	29,891	29,429	54	77	71 820	18 930,255	175 482,029	9,270	8,808
5	28	98 765	87 293,465	2 586 124,409	29,626	29,163	55	78	69 294	17 818,876	156 551,774	8,786	8,323
6	29	98 727	85 132,384	2 498 830,945	29,352	28,890	56	79	66 527	16 690,165	138 732,898	8,312	7,850
7	30	98 690	83 024,194	2 413 698,560	29,072	28,610	57	80	63 552	15 554,907	122 042,734	7,846	7,384
8	31	98 653	80 969,153	2 330 674,366	28,785	28,322	58	81	60 311	14 401,686	106 487,827	7,394	6,932
9	32	98 611	78 960,949	2 249 705,213	28,491	28,029	59	82	56 819	13 236,897	92 086,141	6,957	6,494
10	33	98 569	77 001,781	2 170 744,263	28,191	27,728	60	83	53 074	12 062,761	78 849,244	6,537	6,074
11	34	98 524	75 089,795	2 093 742,482	27,883	27,421	61	84	49 100	10 887,396	66 786,483	6,134	5,672
12	35	98 475	73 221,487	2 018 652,687	27,569	27,107	62	85	44 956	9 725,406	55 899,088	5,748	5,285
13	36	98 423	71 397,688	1 945 431,200	27,248	26,785	63	86	40 616	8 572,202	46 173,682	5,386	4,924
14	37	98 368	69 617,703	1 874 033,513	26,919	26,457	64	87	36 209	7 455,617	37 601,480	5,043	4,581
15	38	98 300	67 872,742	1 804 415,810	26,585	26,123	65	88	31 596	6 347,194	30 145,862	4,749	4,287
16	39	98 222	66 165,051	1 736 543,068	26,246	25,783	66	89	27 201	5 331,068	23 798,668	4,464	4,002
17	40	98 124	64 486,745	1 670 378,017	25,903	25,440	67	90	23 009	4 399,514	18 467,599	4,198	3,735
18	41	98 021	62 847,587	1 605 891,271	25,552	25,090	68	91	19 246	3 590,207	14 068,085	3,918	3,456
19	42	97 885	61 229,721	1 543 043,684	25,201	24,738	69	92	15 601	2 839,262	10 477,878	3,690	3,228
20	43	97 739	59 647,262	1 481 813,963	24,843	24,381	70	93	12 379	2 197,962	7 638,616	3,475	3,013
21	44	97 577	58 096,299	1 422 166,701	24,479	24,017	71	94	9 587	1 660,605	5 440,654	3,276	2,814
22	45	97 412	56 583,295	1 364 070,402	24,107	23,645	72	95	7 234	1 222,525	3 780,049	3,092	2,630
23	46	97 226	55 097,530	1 307 487,107	23,730	23,268	73	96	5 307	874,936	2 557,524	2,923	2,461
24	47	97 021	53 640,762	1 252 389,577	23,348	22,885	74	97	3 781	608,115	1 682,588	2,767	2,304
25	48	96 797	52 211,534	1 198 748,815	22,959	22,497	75	98	2 609	409,483	1 074,473	2,624	2,162
26	49	96 561	50 813,563	1 146 537,281	22,564	22,101	76	99	1 743	266,897	664,990	2,492	2,029
27	50	96 300	49 440,282	1 095 723,718	22,163	21,700	77	100	1 125	168,024	398,093	2,369	1,907
28	51	96 014	48 091,266	1 046 283,436	21,756	21,294							
29	52	95 715	46 772,443	998 192,170	21,341	20,879							
30	53	95 389	45 475,937	951 419,727	20,921	20,459							
31	54	95 036	44 202,546	905 943,790	20,495	20,033							
32	55	94 663	42 955,171	861 741,243	20,061	19,599							
33	56	94 252	41 725,547	818 786,072	19,623	19,161							
34	57	93 826	40 523,998	777 060,525	19,175	18,713							
35	58	93 363	39 340,661	736 536,527	18,722	18,260							
36	59	92 857	38 173,061	697 195,866	18,264	17,802							
37	60	92 329	37 030,245	659 022,805	17,797	17,334							
38	61	91 734	35 894,044	621 992,560	17,329	16,866							
39	62	91 114	34 781,994	586 098,516	16,851	16,388							
40	63	90 436	33 681,143	551 316,522	16,369	15,906							
41	64	89 710	32 596,021	517 635,379	15,880	15,418							
42	65	88 933	31 525,265	485 039,358	15,386	14,923							
43	66	88 102	30 469,013	453 514,093	14,884	14,422							
44	67	87 210	29 424,831	423 045,080	14,377	13,915							
45	68	86 239	28 387,684	393 620,249	13,866	13,403							
46	69	85 188	27 357,916	365 232,565	13,350	12,888							
47	70	84 022	26 325,204	337 874,649	12,835	12,372							
48	71	82 761	25 297,762	311 549,446	12,315	11,853							
49	72	81 369	24 265,433	286 251,683	11,797	11,334							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	3 036 226,633	30,562	30,099	50	74	78 414	22 813,984	246 925,557	10,823	10,361
1	25	98 922	96 509,155	2 936 878,711	30,431	29,969	51	75	76 570	21 734,194	224 111,572	10,311	9,849
2	26	98 865	94 100,786	2 840 369,555	30,184	29,722	52	76	74 505	20 632,107	202 377,378	9,809	9,346
3	27	98 819	91 763,452	2 746 268,769	29,928	29,465	53	77	72 234	19 515,479	181 745,271	9,313	8,850
4	28	98 779	89 488,696	2 654 505,317	29,663	29,201	54	78	69 740	18 382,143	162 229,792	8,825	8,363
5	29	98 739	87 270,792	2 565 016,621	29,391	28,929	55	79	66 989	17 226,254	143 847,649	8,350	7,888
6	30	98 700	85 108,772	2 477 745,830	29,113	28,650	56	80	64 029	16 063,438	126 621,395	7,883	7,420
7	31	98 663	83 001,409	2 392 637,058	28,826	28,364	57	81	60 795	14 880,241	110 557,956	7,430	6,967
8	32	98 621	80 942,755	2 309 635,649	28,534	28,072	58	82	57 326	13 688,863	95 677,716	6,989	6,527
9	33	98 577	78 933,602	2 228 692,894	28,235	27,773	59	83	53 588	12 484,143	81 988,852	6,567	6,105
10	34	98 533	76 973,923	2 149 759,292	27,928	27,466	60	84	49 626	11 279,175	69 504,709	6,162	5,700
11	35	98 484	75 059,322	2 072 785,369	27,615	27,153	61	85	45 467	10 081,883	58 225,534	5,775	5,313
12	36	98 433	73 190,283	1 997 726,047	27,295	26,833	62	86	41 121	8 895,873	48 143,651	5,412	4,949
13	37	98 377	71 364,394	1 924 535,764	26,968	26,505	63	87	36 690	7 743,711	39 247,778	5,068	4,606
14	38	98 316	69 581,036	1 853 171,370	26,633	26,171	64	88	32 057	6 600,745	31 504,067	4,773	4,310
15	39	98 242	67 832,726	1 783 590,335	26,294	25,832	65	89	27 632	5 550,862	24 903,322	4,486	4,024
16	40	98 153	66 118,520	1 715 757,609	25,950	25,487	66	90	23 399	4 585,952	19 352,460	4,220	3,758
17	41	98 054	64 440,780	1 649 639,089	25,599	25,137	67	91	19 599	3 747,522	14 766,508	3,940	3,478
18	42	97 939	62 795,362	1 585 198,309	25,244	24,781	68	92	15 914	2 968,583	11 018,987	3,712	3,249
19	43	97 792	61 171,801	1 522 402,947	24,887	24,425	69	93	12 653	2 302,689	8 050,403	3,496	3,034
20	44	97 636	59 584,302	1 461 231,146	24,524	24,061	70	94	9 818	1 743,241	5 747,714	3,297	2,835
21	45	97 467	58 030,602	1 401 646,845	24,154	23,691	71	95	7 426	1 286,318	4 004,473	3,113	2,651
22	46	97 280	56 506,762	1 343 616,242	23,778	23,316	72	96	5 466	923,681	2 718,155	2,943	2,480
23	47	97 075	55 012,079	1 287 109,480	23,397	22,934	73	97	3 906	643,962	1 794,474	2,787	2,324
24	48	96 853	53 547,673	1 232 097,401	23,009	22,547	74	98	2 707	435,437	1 150,512	2,642	2,180
25	49	96 618	52 114,788	1 178 549,729	22,614	22,152	75	99	1 815	284,885	715,075	2,510	2,048
26	50	96 359	50 707,257	1 126 434,940	22,214	21,752	76	100	1 177	180,181	430,190	2,388	1,925
27	51	96 075	49 324,767	1 075 727,683	21,809	21,347							
28	52	95 775	47 971,481	1 026 402,916	21,396	20,934							
29	53	95 450	46 642,844	978 431,435	20,977	20,515							
30	54	95 099	45 337,728	931 788,591	20,552	20,090							
31	55	94 733	44 061,710	886 450,864	20,118	19,656							
32	56	94 322	42 800,638	842 389,153	19,682	19,219							
33	57	93 894	41 567,286	799 588,515	19,236	18,774							
34	58	93 439	40 356,785	758 021,228	18,783	18,321							
35	59	92 938	39 161,282	717 664,443	18,326	17,863							
36	60	92 414	37 990,656	678 503,162	17,860	17,397							
37	61	91 824	36 827,768	640 512,505	17,392	16,930							
38	62	91 212	35 689,969	603 684,737	16,915	16,452							
39	63	90 542	34 563,745	567 994,768	16,433	15,971							
40	64	89 833	33 456,536	533 431,023	15,944	15,482							
41	65	89 065	32 361,466	499 974,487	15,450	14,987							
42	66	88 244	31 281,183	467 613,021	14,949	14,486							
43	67	87 378	30 218,565	436 331,838	14,439	13,977							
44	68	86 423	29 159,430	406 113,273	13,927	13,465							
45	69	85 394	28 109,623	376 953,844	13,410	12,948							
46	70	84 254	27 057,863	348 844,221	12,893	12,430							
47	71	83 018	26 010,665	321 786,357	12,371	11,909							
48	72	81 657	24 960,214	295 775,693	11,850	11,387							
49	73	80 110	23 889,922	270 815,479	11,336	10,874							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	3 014 287,261	30,348	29,885	50	75	76 899	22 373,125	231 700,293	10,356	9,894
1	26	98 900	96 487,649	2 914 961,926	30,211	29,748	51	76	74 864	21 249,931	209 327,167	9,851	9,388
2	27	98 838	94 075,646	2 818 474,277	29,960	29,497	52	77	72 616	20 109,131	188 077,236	9,353	8,890
3	28	98 794	91 739,765	2 724 398,631	29,697	29,235	53	78	70 143	18 950,422	167 968,105	8,864	8,401
4	29	98 753	89 465,453	2 632 658,866	29,427	28,964	54	79	67 421	17 770,788	149 017,683	8,386	7,923
5	30	98 712	87 246,586	2 543 193,413	29,149	28,687	55	80	64 474	16 579,397	131 246,895	7,916	7,454
6	31	98 673	85 085,414	2 455 946,827	28,864	28,402	56	81	61 252	15 366,716	114 667,498	7,462	7,000
7	32	98 630	82 974,349	2 370 861,413	28,573	28,111	57	82	57 786	14 143,732	99 300,782	7,021	6,558
8	33	98 587	80 914,721	2 287 887,064	28,275	27,813	58	83	54 066	12 910,407	85 157,050	6,596	6,134
9	34	98 542	78 905,044	2 206 972,343	27,970	27,508	59	84	50 107	11 673,185	72 246,643	6,189	5,727
10	35	98 493	76 942,685	2 128 067,299	27,658	27,195	60	85	45 954	10 444,676	60 573,458	5,799	5,337
11	36	98 442	75 027,335	2 051 124,614	27,338	26,876	61	86	41 589	9 221,944	50 128,782	5,436	4,973
12	37	98 387	73 156,153	1 976 097,279	27,012	26,550	62	87	37 147	8 036,100	40 906,837	5,090	4,628
13	38	98 325	71 326,806	1 902 941,126	26,679	26,217	63	88	32 483	6 855,805	32 870,738	4,795	4,332
14	39	98 258	69 540,013	1 831 614,319	26,339	25,877	64	89	28 035	5 772,602	26 014,933	4,507	4,044
15	40	98 173	67 785,022	1 762 074,307	25,995	25,533	65	90	23 770	4 775,025	20 242,331	4,239	3,777
16	41	98 083	66 071,391	1 694 289,285	25,643	25,181	66	91	19 932	3 906,329	15 467,305	3,960	3,497
17	42	97 973	64 387,231	1 628 217,894	25,288	24,825	67	92	16 206	3 098,660	11 560,976	3,731	3,269
18	43	97 847	62 735,961	1 563 830,663	24,927	24,465	68	93	12 906	2 407,571	8 462,316	3,515	3,052
19	44	97 689	61 107,232	1 501 094,702	24,565	24,103	69	94	10 035	1 826,302	6 054,746	3,315	2,853
20	45	97 525	59 516,922	1 439 987,471	24,195	23,732	70	95	7 605	1 350,329	4 228,444	3,131	2,669
21	46	97 335	57 952,112	1 380 470,548	23,821	23,358	71	96	5 611	971,880	2 878,115	2,961	2,499
22	47	97 130	56 419,125	1 322 518,437	23,441	22,979	72	97	4 023	679,838	1 906,235	2,804	2,342
23	48	96 906	54 916,610	1 266 099,311	23,055	22,593	73	98	2 797	461,105	1 226,397	2,660	2,197
24	49	96 674	53 448,451	1 211 182,701	22,661	22,198	74	99	1 883	302,942	765,291	2,526	2,064
25	50	96 416	52 005,761	1 157 734,251	22,262	21,799	75	100	1 226	192,325	462,349	2,404	1,942
26	51	96 133	50 588,782	1 105 728,490	21,857	21,395							
27	52	95 835	49 201,909	1 055 139,708	21,445	20,983							
28	53	95 509	47 838,560	1 005 937,799	21,028	20,565							
29	54	95 160	46 501,087	958 099,239	20,604	20,141							
30	55	94 796	45 193,275	911 598,152	20,171	19,709							
31	56	94 392	43 903,197	866 404,877	19,734	19,272							
32	57	93 964	42 638,300	822 501,680	19,290	18,828							
33	58	93 507	41 395,768	779 863,380	18,839	18,377							
34	59	93 013	40 172,772	738 467,611	18,382	17,920							
35	60	92 494	38 974,156	698 294,839	17,917	17,454							
36	61	91 908	37 782,928	659 320,684	17,450	16,988							
37	62	91 302	36 618,385	621 537,755	16,973	16,511							
38	63	90 640	35 466,023	584 919,370	16,492	16,030							
39	64	89 939	34 333,252	549 453,348	16,004	15,541							
40	65	89 187	33 215,789	515 120,096	15,508	15,046							
41	66	88 375	32 110,910	481 904,307	15,007	14,545							
42	67	87 519	31 024,059	449 793,398	14,498	14,036							
43	68	86 589	29 946,005	418 769,339	13,984	13,522							
44	69	85 576	28 873,809	388 823,334	13,466	13,004							
45	70	84 458	27 801,326	359 949,525	12,947	12,485							
46	71	83 247	26 734,570	332 148,199	12,424	11,962							
47	72	81 910	25 663,604	305 413,629	11,901	11,438							
48	73	80 393	24 573,951	279 750,024	11,384	10,922							
49	74	78 721	23 475,780	255 176,073	10,870	10,407							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	27 115,258	510 221,876	18,817	18,354
1	0	99 594	97 164,692	3 268 100,502	33,635	33,172	51	50	92 606	26 285,794	483 106,618	18,379	17,917
2	1	99 240	94 457,881	3 170 935,810	33,570	33,107	52	51	91 946	25 461,926	456 820,824	17,941	17,479
3	2	99 192	92 110,095	3 076 477,929	33,400	32,938	53	52	91 234	24 648,703	431 358,898	17,500	17,038
4	3	99 162	89 835,454	2 984 367,833	33,220	32,758	54	53	90 460	23 843,297	406 710,194	17,058	16,595
5	4	99 133	87 619,151	2 894 532,379	33,035	32,573	55	54	89 607	23 042,445	382 866,898	16,616	16,153
6	5	99 110	85 461,964	2 806 913,228	32,844	32,382	56	55	88 705	22 254,221	359 824,453	16,169	15,706
7	6	99 090	83 361,195	2 721 451,264	32,647	32,184	57	56	87 728	21 472,177	337 570,232	15,721	15,259
8	7	99 073	81 313,609	2 638 090,069	32,443	31,981	58	57	86 699	20 702,801	316 098,055	15,268	14,806
9	8	99 055	79 316,097	2 556 776,460	32,235	31,773	59	58	85 578	19 936,649	295 395,254	14,817	14,354
10	9	99 040	77 370,109	2 477 460,363	32,021	31,558	60	59	84 370	19 175,883	275 458,605	14,365	13,902
11	10	99 025	75 471,492	2 400 090,254	31,801	31,339	61	60	83 076	18 421,368	256 282,721	13,912	13,450
12	11	99 008	73 617,634	2 324 618,762	31,577	31,115	62	61	81 693	17 672,857	237 861,354	13,459	12,997
13	12	98 989	71 808,868	2 251 001,128	31,347	30,885	63	62	80 230	16 933,018	220 188,496	13,003	12,541
14	13	98 973	70 045,929	2 179 192,260	31,111	30,648	64	63	78 680	16 200,752	203 255,478	12,546	12,084
15	14	98 947	68 319,500	2 109 146,331	30,872	30,409	65	64	77 032	15 474,555	187 054,727	12,088	11,625
16	15	98 915	66 631,608	2 040 826,830	30,629	30,166	66	65	75 285	14 754,876	171 580,171	11,629	11,166
17	16	98 872	64 978,361	1 974 195,222	30,382	29,920	67	66	73 457	14 045,437	156 825,296	11,166	10,703
18	17	98 823	63 361,690	1 909 216,861	30,132	29,670	68	67	71 540	13 345,229	142 779,858	10,699	10,237
19	18	98 750	61 771,084	1 845 855,171	29,882	29,420	69	68	69 501	12 648,742	129 434,629	10,233	9,771
20	19	98 675	60 218,453	1 784 084,087	29,627	29,164	70	69	67 333	11 955,214	116 785,887	9,769	9,306
21	20	98 595	58 701,986	1 723 865,634	29,366	28,904	71	70	65 024	11 263,586	104 830,673	9,307	8,845
22	21	98 518	57 225,858	1 665 163,648	29,098	28,636	72	71	62 587	10 577,075	93 567,087	8,846	8,384
23	22	98 442	55 786,632	1 607 937,789	28,823	28,361	73	72	59 955	9 885,221	82 990,012	8,395	7,933
24	23	98 365	54 383,507	1 552 151,158	28,541	28,078	74	73	57 135	9 190,486	73 104,791	7,954	7,492
25	24	98 286	53 014,452	1 497 767,651	28,252	27,790	75	74	54 118	8 492,863	63 914,305	7,526	7,063
26	25	98 205	51 679,011	1 444 753,199	27,956	27,494	76	75	50 964	7 802,862	55 421,442	7,103	6,640
27	26	98 123	50 376,527	1 393 074,188	27,653	27,191	77	76	47 628	7 114,236	47 618,580	6,693	6,231
28	27	98 035	49 103,602	1 342 697,661	27,344	26,882	78	77	44 114	6 428,591	40 504,345	6,301	5,838
29	28	97 949	47 863,908	1 293 594,059	27,027	26,564	79	78	40 454	5 751,371	34 075,754	5,925	5,462
30	29	97 861	46 654,333	1 245 730,151	26,701	26,239	80	79	36 739	5 095,846	28 324,383	5,558	5,096
31	30	97 768	45 473,569	1 199 075,818	26,369	25,906	81	80	32 958	4 459,959	23 228,537	5,208	4,746
32	31	97 669	44 319,407	1 153 602,249	26,029	25,567	82	81	29 168	3 850,834	18 768,578	4,874	4,411
33	32	97 564	43 192,080	1 109 282,842	25,683	25,220	83	82	25 442	3 276,922	14 917,743	4,552	4,090
34	33	97 460	42 093,428	1 066 090,762	25,327	24,864	84	83	21 828	2 742,932	11 640,822	4,244	3,782
35	34	97 346	41 018,733	1 023 997,334	24,964	24,502	85	84	18 364	2 251,278	8 897,890	3,952	3,490
36	35	97 222	39 967,413	982 978,601	24,595	24,132	86	85	15 087	1 804,452	6 646,613	3,683	3,221
37	36	97 092	38 940,427	943 011,188	24,217	23,754	87	86	12 066	1 407,982	4 842,160	3,439	2,977
38	37	96 951	37 935,440	904 070,761	23,832	23,369	88	87	9 354	1 064,824	3 434,178	3,225	2,763
39	38	96 796	36 950,867	866 135,321	23,440	22,978	89	88	7 032	781,001	2 369,354	3,034	2,571
40	39	96 625	35 986,080	829 184,454	23,042	22,579	90	89	5 139	556,850	1 588,353	2,852	2,390
41	40	96 425	35 035,848	793 198,374	22,640	22,177	91	90	3 670	387,971	1 031,503	2,659	2,196
42	41	96 213	34 106,214	758 162,526	22,229	21,767	92	91	2 519	259,799	643,532	2,477	2,015
43	42	95 978	33 193,091	724 056,312	21,813	21,351	93	92	1 630	164,048	383,733	2,339	1,877
44	43	95 703	32 290,653	690 863,221	21,395	20,933	94	93	1 013	99,402	219,684	2,210	1,748
45	44	95 399	31 402,852	658 572,568	20,972	20,509	95	94	600	57,462	120,282	2,093	1,631
46	45	95 061	30 528,516	627 169,716	20,544	20,081	96	95	338	31,606	62,820	1,988	1,525
47	46	94 671	29 661,706	596 641,200	20,115	19,652	97	96	181	16,498	31,215	1,892	1,430
48	47	94 232	28 803,994	566 979,493	19,684	19,222	98	97	92	8,151	14,717	1,806	1,343
49	48	93 736	27 953,623	538 175,499	19,252	18,790	99	98	44	3,801	6,566	1,727	1,265
							100	99	20	1,669	2,765	1,657	1,194

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	27 165,594	515 155,153	18,964	18,501
1							51	49	92 800	26 340,901	487 989,559	18,526	18,064
2	0	99 558	94 761,080	3 176 930,890	33,526	33,063	52	50	92 161	25 521,556	461 648,658	18,089	17,626
3	1	99 221	92 136,293	3 082 169,810	33,452	32,990	53	51	91 462	24 710,251	436 127,101	17,650	17,187
4	2	99 178	89 849,939	2 990 033,517	33,278	32,816	54	52	90 711	23 909,546	411 416,850	17,207	16,745
5	3	99 147	87 631,716	2 900 183,578	33,095	32,633	55	53	89 880	23 112,689	387 507,304	16,766	16,304
6	4	99 122	85 472,208	2 812 551,862	32,906	32,444	56	54	88 989	22 325,353	364 394,615	16,322	15,860
7	5	99 099	83 368,736	2 727 079,654	32,711	32,249	57	55	88 044	21 549,703	342 069,262	15,874	15,411
8	6	99 081	81 320,129	2 643 710,918	32,510	32,048	58	56	87 029	20 781,623	320 519,559	15,423	14,961
9	7	99 063	79 322,724	2 562 390,788	32,303	31,841	59	57	85 932	20 019,254	299 737,936	14,972	14,510
10	8	99 046	77 374,915	2 483 068,065	32,091	31,629	60	58	84 756	19 263,719	279 718,682	14,520	14,058
11	9	99 031	75 476,284	2 405 693,150	31,873	31,411	61	59	83 475	18 509,814	260 454,962	14,071	13,609
12	10	99 016	73 623,565	2 330 216,866	31,650	31,188	62	60	82 142	17 770,021	241 945,148	13,615	13,153
13	11	98 997	71 814,572	2 256 593,301	31,422	30,960	63	61	80 689	17 029,841	224 175,127	13,164	12,701
14	12	98 981	70 051,299	2 184 778,729	31,188	30,726	64	62	79 176	16 303,050	207 145,286	12,706	12,244
15	13	98 957	68 326,222	2 114 727,430	30,950	30,488	65	63	77 549	15 578,442	190 842,236	12,250	11,788
16	14	98 927	66 639,858	2 046 401,209	30,708	30,246	66	64	75 831	14 861,819	175 263,794	11,793	11,330
17	15	98 886	64 987,171	1 979 761,351	30,464	30,001	67	65	74 030	14 155,032	160 401,976	11,332	10,869
18	16	98 839	63 371,878	1 914 774,180	30,215	29,752	68	66	72 133	13 455,833	146 246,944	10,869	10,404
19	17	98 768	61 781,929	1 851 402,302	29,967	29,504	69	67	70 134	12 763,867	132 791,111	10,404	9,941
20	18	98 697	60 231,610	1 789 620,373	29,712	29,250	70	68	67 999	12 073,475	120 027,244	9,941	9,479
21	19	98 616	58 714,613	1 729 388,763	29,454	28,992	71	69	65 745	11 388,491	107 953,768	9,479	9,017
22	20	98 539	57 237,935	1 670 674,150	29,188	28,726	72	70	63 344	10 704,981	96 565,277	9,021	8,558
23	21	98 463	55 798,693	1 613 436,215	28,915	28,453	73	71	60 766	10 018,903	85 860,297	8,570	8,107
24	22	98 387	54 396,007	1 557 637,523	28,635	28,173	74	72	58 033	9 334,945	75 841,393	8,124	7,662
25	23	98 308	53 026,513	1 503 241,516	28,349	27,886	75	73	55 073	8 642,687	66 506,448	7,695	7,233
26	24	98 228	51 690,763	1 450 215,003	28,056	27,593	76	74	51 969	7 956,616	57 863,761	7,272	6,810
27	25	98 145	50 387,756	1 398 524,240	27,755	27,293	77	75	48 714	7 276,361	49 907,144	6,859	6,396
28	26	98 061	49 116,724	1 348 136,484	27,448	26,985	78	76	45 261	6 595,778	42 630,783	6,463	6,001
29	27	97 974	47 876,266	1 299 019,760	27,133	26,670	79	77	41 660	5 922,863	36 035,005	6,084	5,622
30	28	97 886	46 666,453	1 251 143,494	26,810	26,348	80	78	38 003	5 271,154	30 112,141	5,713	5,250
31	29	97 796	45 486,186	1 204 477,041	26,480	26,018	81	79	34 244	4 633,968	24 840,987	5,361	4,898
32	30	97 696	44 331,574	1 158 990,855	26,144	25,681	82	80	30 491	4 025,430	20 207,019	5,020	4,557
33	31	97 596	43 206,166	1 114 659,281	25,799	25,336	83	81	26 767	3 447,562	16 181,589	4,694	4,231
34	32	97 494	42 108,012	1 071 453,115	25,445	24,983	84	82	23 144	2 908,322	12 734,028	4,378	3,916
35	33	97 381	41 033,578	1 029 345,103	25,085	24,623	85	83	19 639	2 407,678	9 825,706	4,081	3,619
36	34	97 262	39 983,639	988 311,525	24,718	24,255	86	84	16 292	1 948,623	7 418,028	3,807	3,344
37	35	97 133	38 957,029	948 327,886	24,343	23,881	87	85	13 191	1 539,276	5 469,405	3,553	3,091
38	36	96 996	37 953,139	909 370,857	23,960	23,498	88	86	10 354	1 178,748	3 930,130	3,334	2,872
39	37	96 847	36 970,339	871 417,719	23,571	23,108	89	87	7 943	882,150	2 751,382	3,119	2,657
40	38	96 682	36 007,309	834 447,379	23,174	22,712	90	88	5 876	636,736	1 869,232	2,936	2,473
41	39	96 493	35 060,505	798 440,071	22,773	22,311	91	89	4 266	451,008	1 232,496	2,733	2,270
42	40	96 282	34 130,542	763 379,566	22,366	21,904	92	90	2 957	304,999	781,488	2,562	2,100
43	41	96 058	33 220,697	729 249,024	21,952	21,489	93	91	1 972	198,400	476,489	2,402	1,939
44	42	95 794	32 321,227	696 028,327	21,535	21,072	94	92	1 249	122,565	278,088	2,269	1,806
45	43	95 500	31 436,035	663 707,100	21,113	20,651	95	93	756	72,450	155,523	2,147	1,684
46	44	95 169	30 563,078	632 271,066	20,687	20,225	96	94	437	40,802	83,073	2,036	1,574
47	45	94 799	29 701,880	601 707,988	20,258	19,796	97	95	240	21,835	42,271	1,936	1,473
48	46	94 378	28 848,736	572 006,108	19,828	19,365	98	96	125	11,074	20,436	1,845	1,383
49	47	93 899	28 002,219	543 157,372	19,397	18,935	99	97	61	5,309	9,362	1,763	1,301
							100	98	28	2,399	4,053	1,689	1,227

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	27 212,820	519 722,867	19,098	18,636
1							51	48	92 972	26 389,800	492 510,047	18,663	18,200
2							52	49	92 354	25 575,061	466 120,247	18,226	17,763
3	0	99 539	92 432,040	3 087 725,065	33,405	32,943	53	50	91 676	24 768,121	440 545,186	17,787	17,324
4	1	99 206	89 875,494	2 995 293,025	33,327	32,865	54	51	90 938	23 969,249	415 777,065	17,346	16,884
5	2	99 163	87 645,846	2 905 417,532	33,150	32,687	55	52	90 130	23 176,908	391 807,816	16,905	16,443
6	3	99 136	85 484,465	2 817 771,685	32,962	32,500	56	53	89 260	22 393,410	368 630,908	16,462	15,999
7	4	99 111	83 378,729	2 732 287,220	32,770	32,307	57	54	88 326	21 618,583	346 237,498	16,016	15,553
8	5	99 090	81 327,486	2 648 908,491	32,571	32,108	58	55	87 343	20 856,656	324 618,914	15,564	15,102
9	6	99 071	79 329,084	2 567 581,005	32,366	31,904	59	56	86 259	20 095,474	303 762,259	15,116	14,654
10	7	99 055	77 381,380	2 488 251,921	32,156	31,693	60	57	85 107	19 343,536	283 666,785	14,665	14,202
11	8	99 038	75 480,972	2 410 870,541	31,940	31,478	61	58	83 858	18 594,599	264 323,248	14,215	13,753
12	9	99 022	73 628,239	2 335 389,569	31,719	31,256	62	59	82 537	17 855,341	245 728,650	13,762	13,300
13	10	99 005	71 820,357	2 261 761,330	31,492	31,030	63	60	81 133	17 123,470	227 873,309	13,308	12,845
14	11	98 989	70 056,863	2 189 940,972	31,259	30,797	64	61	79 629	16 396,270	210 749,839	12,854	12,391
15	12	98 964	68 331,460	2 119 884,110	31,024	30,561	65	62	78 039	15 676,811	194 353,569	12,398	11,935
16	13	98 937	66 646,414	2 051 552,650	30,783	30,320	66	63	76 340	14 961,592	178 676,758	11,942	11,480
17	14	98 898	64 995,217	1 984 906,236	30,539	30,077	67	64	74 567	14 257,627	163 715,166	11,483	11,020
18	15	98 852	63 380,470	1 919 911,019	30,292	29,829	68	65	72 696	13 560,827	149 457,539	11,021	10,559
19	16	98 784	61 791,863	1 856 530,550	30,045	29,582	69	66	70 715	12 869,653	135 896,713	10,559	10,097
20	17	98 714	60 242,184	1 794 738,686	29,792	29,330	70	67	68 618	12 183,365	123 027,060	10,098	9,636
21	18	98 638	58 727,442	1 734 496,502	29,535	29,072	71	68	66 395	11 501,146	110 843,695	9,638	9,175
22	19	98 560	57 250,247	1 675 769,060	29,271	28,809	72	69	64 046	10 823,691	99 342,549	9,178	8,716
23	20	98 484	55 810,468	1 618 518,814	29,000	28,538	73	70	61 501	10 140,059	88 518,857	8,730	8,267
24	21	98 409	54 407,767	1 562 708,346	28,722	28,260	74	71	58 818	9 461,186	78 378,799	8,284	7,822
25	22	98 331	53 038,701	1 508 300,579	28,438	27,975	75	72	55 939	8 778,536	68 917,613	7,851	7,388
26	23	98 250	51 702,523	1 455 261,878	28,147	27,684	76	73	52 886	8 096,981	60 139,076	7,427	6,965
27	24	98 168	50 399,214	1 403 559,355	27,849	27,386	77	74	49 674	7 419,741	52 042,095	7,014	6,552
28	25	98 083	49 127,672	1 353 160,141	27,544	27,081	78	75	46 293	6 746,089	44 622,354	6,615	6,152
29	26	98 001	47 889,060	1 304 032,469	27,230	26,768	79	76	42 743	6 076,899	37 876,265	6,233	5,770
30	27	97 911	46 678,503	1 256 143,409	26,911	26,448	80	77	39 136	5 428,328	31 799,367	5,858	5,396
31	28	97 821	45 498,003	1 209 464,906	26,583	26,120	81	78	35 422	4 793,387	26 371,039	5,502	5,039
32	29	97 723	44 343,873	1 163 966,903	26,249	25,786	82	79	31 680	4 182,485	21 577,652	5,159	4,697
33	30	97 623	43 218,027	1 119 623,030	25,906	25,444	83	80	27 980	3 603,873	17 395,167	4,827	4,364
34	31	97 525	42 121,744	1 076 405,003	25,555	25,092	84	81	24 350	3 059,767	13 791,294	4,507	4,045
35	32	97 415	41 047,795	1 034 283,259	25,197	24,735	85	82	20 824	2 552,853	10 731,527	4,204	3,741
36	33	97 297	39 998,110	993 235,464	24,832	24,370	86	83	17 424	2 083,997	8 178,674	3,925	3,462
37	34	97 173	38 972,845	953 237,354	24,459	23,997	87	84	14 245	1 662,259	6 094,677	3,667	3,204
38	35	97 038	37 969,319	914 264,509	24,079	23,617	88	85	11 320	1 288,665	4 432,418	3,440	2,977
39	36	96 892	36 987,587	876 295,190	23,692	23,229	89	86	8 792	976,530	3 143,752	3,219	2,757
40	37	96 733	36 026,284	839 307,603	23,297	22,835	90	87	6 637	719,200	2 167,222	3,013	2,551
41	38	96 550	35 081,187	803 281,319	22,898	22,435	91	88	4 878	515,710	1 448,022	2,808	2,345
42	39	96 350	34 154,562	768 200,131	22,492	22,029	92	89	3 438	354,555	932,311	2,630	2,167
43	40	96 127	33 244,393	734 045,570	22,080	21,618	93	90	2 315	232,918	577,757	2,481	2,018
44	41	95 874	32 348,107	700 801,177	21,664	21,202	94	91	1 510	148,230	344,839	2,326	1,864
45	42	95 590	31 465,800	668 453,069	21,244	20,781	95	92	933	89,333	196,608	2,201	1,738
46	43	95 269	30 595,373	636 987,270	20,820	20,357	96	93	551	51,445	107,276	2,085	1,623
47	44	94 907	29 735,506	606 391,897	20,393	19,930	97	94	309	28,189	55,830	1,981	1,518
48	45	94 506	28 887,808	576 656,391	19,962	19,500	98	95	165	14,657	27,642	1,886	1,423
49	46	94 045	28 045,715	547 768,583	19,531	19,069	99	96	83	7,213	12,985	1,800	1,338
							100	97	40	3,351	5,772	1,723	1,260



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	27 255,090	523 943,550	19,224	18,761
1							51	47	93 134	26 435,677	496 688,460	18,789	18,326
2							52	48	92 526	25 622,539	470 252,782	18,353	17,891
3							53	49	91 869	24 820,047	444 630,244	17,914	17,452
4	0	99 524	90 163,984	3 000 433,880	33,278	32,815	54	50	91 150	24 025,383	419 810,197	17,474	17,011
5	1	99 191	87 670,774	2 910 269,896	33,195	32,733	55	51	90 355	23 234,781	395 784,814	17,034	16,572
6	2	99 152	85 498,249	2 822 599,122	33,014	32,551	56	52	89 508	22 455,631	372 550,033	16,590	16,128
7	3	99 125	83 390,686	2 737 100,873	32,823	32,360	57	53	88 595	21 684,486	350 094,402	16,145	15,683
8	4	99 102	81 337,234	2 653 710,187	32,626	32,164	58	54	87 622	20 923,321	328 409,916	15,696	15,233
9	5	99 080	79 336,261	2 572 372,953	32,424	31,961	59	55	86 571	20 168,030	307 486,595	15,246	14,784
10	6	99 063	77 387,584	2 493 036,692	32,215	31,753	60	56	85 432	19 417,183	287 318,566	14,797	14,335
11	7	99 046	75 487,279	2 415 649,108	32,001	31,538	61	57	84 205	18 671,643	267 901,382	14,348	13,886
12	8	99 028	73 632,813	2 340 161,829	31,782	31,319	62	58	82 915	17 937,127	249 229,739	13,895	13,432
13	9	99 011	71 824,917	2 266 529,016	31,556	31,094	63	59	81 522	17 205,685	231 292,611	13,443	12,980
14	10	98 996	70 062,507	2 194 704,099	31,325	30,863	64	60	80 067	16 486,416	214 086,927	12,986	12,523
15	11	98 972	68 336,887	2 124 641,592	31,091	30,628	65	61	78 485	15 766,450	197 600,511	12,533	12,071
16	12	98 945	66 651,523	2 056 304,705	30,852	30,389	66	62	76 822	15 056,065	181 834,060	12,077	11,615
17	13	98 908	65 001,611	1 989 653,182	30,609	30,147	67	63	75 068	14 353,344	166 777,995	11,619	11,157
18	14	98 864	63 388,317	1 924 651,571	30,363	29,900	68	64	73 223	13 659,115	152 424,651	11,159	10,697
19	15	98 797	61 800,241	1 861 263,254	30,117	29,655	69	65	71 267	12 970,073	138 765,536	10,699	10,236
20	16	98 730	60 251,871	1 799 463,013	29,866	29,403	70	66	69 187	12 284,339	125 795,463	10,240	9,778
21	17	98 655	58 737,752	1 739 211,143	29,610	29,147	71	67	66 999	11 605,827	113 511,124	9,781	9,318
22	18	98 582	57 262,755	1 680 473,390	29,347	28,884	72	68	64 680	10 930,760	101 905,297	9,323	8,860
23	19	98 505	55 822,473	1 623 210,635	29,078	28,616	73	69	62 183	10 252,505	90 974,538	8,873	8,411
24	20	98 430	54 419,249	1 567 388,163	28,802	28,340	74	70	59 529	9 575,597	80 722,033	8,430	7,968
25	21	98 352	53 050,167	1 512 968,914	28,520	28,057	75	71	56 695	8 897,252	71 146,436	7,996	7,534
26	22	98 273	51 714,407	1 459 918,746	28,230	27,768	76	72	53 717	8 224,252	62 249,183	7,569	7,107
27	23	98 190	50 410,680	1 408 204,340	27,935	27,472	77	73	50 550	7 550,634	54 024,931	7,155	6,693
28	24	98 105	49 138,844	1 357 793,660	27,632	27,169	78	74	47 205	6 879,020	46 474,297	6,756	6,294
29	25	98 022	47 899,735	1 308 654,816	27,321	26,858	79	75	43 717	6 215,385	39 595,277	6,371	5,908
30	26	97 937	46 690,976	1 260 755,081	27,002	26,540	80	76	40 154	5 569,502	33 379,892	5,993	5,531
31	27	97 846	45 509,750	1 214 064,105	26,677	26,215	81	77	36 478	4 936,314	27 810,390	5,634	5,171
32	28	97 749	44 355,394	1 168 554,355	26,345	25,883	82	78	32 770	4 326,372	22 874,076	5,287	4,825
33	29	97 650	43 230,017	1 124 198,961	26,005	25,543	83	79	29 072	3 744,481	18 547,704	4,953	4,491
34	30	97 552	42 133,307	1 080 968,943	25,656	25,194	84	80	25 454	3 198,496	14 803,224	4,628	4,166
35	31	97 447	41 061,182	1 038 835,636	25,300	24,837	85	81	21 908	2 685,789	11 604,728	4,321	3,858
36	32	97 331	40 011,968	997 774,454	24,937	24,474	86	82	18 475	2 209,655	8 918,939	4,036	3,574
37	33	97 208	38 986,950	957 762,486	24,566	24,104	87	83	15 235	1 777,740	6 709,284	3,774	3,312
38	34	97 077	37 984,734	918 775,536	24,188	23,726	88	84	12 224	1 391,626	4 931,544	3,544	3,081
39	35	96 933	37 003,356	880 790,802	23,803	23,341	89	85	9 612	1 067,591	3 539,918	3,316	2,853
40	36	96 778	36 043,091	843 787,446	23,411	22,948	90	86	7 348	796,147	2 472,328	3,105	2,643
41	37	96 601	35 099,674	807 744,354	23,013	22,550	91	87	5 510	582,501	1 676,181	2,878	2,415
42	38	96 407	34 174,710	772 644,680	22,609	22,146	92	88	3 931	405,420	1 093,680	2,698	2,235
43	39	96 194	33 267,789	738 469,970	22,198	21,735	93	89	2 691	270,762	688,261	2,542	2,080
44	40	95 942	32 371,181	705 202,181	21,785	21,322	94	90	1 773	174,019	417,498	2,399	1,937
45	41	95 670	31 491,969	672 830,999	21,365	20,903	95	91	1 128	108,039	243,479	2,254	1,791
46	42	95 360	30 624,342	641 339,031	20,942	20,480	96	92	679	63,433	135,440	2,135	1,673
47	43	95 007	29 766,926	610 714,689	20,517	20,054	97	93	390	35,541	72,007	2,026	1,564
48	44	94 613	28 920,512	580 947,763	20,088	19,625	98	94	213	18,922	36,465	1,927	1,465
49	45	94 172	28 083,701	552 027,250	19,656	19,194	99	95	110	9,546	17,544	1,838	1,375
							100	96	54	4,552	7,997	1,757	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	27 292,005	527 835,527	19,340	18,878
1							51	46	93 279	26 476,740	500 543,522	18,905	18,443
2							52	47	92 687	25 667,082	474 066,782	18,470	18,007
3							53	48	92 039	24 866,123	448 399,700	18,033	17,570
4							54	49	91 342	24 075,751	423 533,577	17,592	17,129
5	0	99 510	87 952,187	2 915 021,780	33,143	32,681	55	50	90 566	23 289,195	399 457,826	17,152	16,690
6	1	99 180	85 522,566	2 827 069,593	33,056	32,594	56	51	89 731	22 511,703	376 168,631	16,710	16,247
7	2	99 141	83 404,132	2 741 547,027	32,871	32,408	57	52	88 841	21 744,738	353 656,928	16,264	15,802
8	3	99 116	81 348,899	2 658 142,895	32,676	32,213	58	53	87 889	20 987,104	331 912,190	15,815	15,353
9	4	99 092	79 345,770	2 576 793,997	32,476	32,013	59	54	86 848	20 232,493	310 925,086	15,368	14,905
10	5	99 072	77 394,586	2 497 448,227	32,269	31,807	60	55	85 740	19 487,290	290 692,593	14,917	14,455
11	6	99 054	75 493,332	2 420 053,641	32,057	31,594	61	56	84 526	18 742,732	271 205,303	14,470	14,007
12	7	99 036	73 638,965	2 344 560,310	31,839	31,376	62	57	83 258	18 011,448	252 462,571	14,017	13,554
13	8	99 018	71 829,379	2 270 921,345	31,615	31,153	63	58	81 896	17 284,496	234 451,123	13,564	13,102
14	9	99 003	70 066,955	2 199 091,966	31,386	30,923	64	59	80 451	16 565,572	217 166,627	13,110	12,647
15	10	98 980	68 342,393	2 129 025,011	31,152	30,690	65	60	78 916	15 853,133	200 601,055	12,654	12,191
16	11	98 952	66 656,817	2 060 682,619	30,915	30,452	66	61	77 261	15 142,156	184 747,922	12,201	11,738
17	12	98 915	65 006,594	1 994 025,802	30,674	30,212	67	62	75 542	14 443,977	169 605,766	11,742	11,280
18	13	98 874	63 394,553	1 929 019,207	30,429	29,966	68	63	73 714	13 750,814	155 161,789	11,284	10,821
19	14	98 809	61 807,893	1 865 624,654	30,184	29,722	69	64	71 784	13 064,080	141 410,975	10,824	10,362
20	15	98 743	60 260,040	1 803 816,762	29,934	29,471	70	65	69 727	12 380,192	128 346,895	10,367	9,905
21	16	98 671	58 747,197	1 743 556,722	29,679	29,217	71	66	67 555	11 702,014	115 966,704	9,910	9,448
22	17	98 599	57 272,809	1 684 809,526	29,417	28,955	72	67	65 268	11 030,249	104 264,689	9,453	8,990
23	18	98 526	55 834,669	1 627 536,717	29,149	28,687	73	68	62 798	10 353,923	93 234,441	9,005	8,542
24	19	98 451	54 430,954	1 571 702,048	28,875	28,413	74	69	60 190	9 681,784	82 880,518	8,560	8,098
25	20	98 373	53 061,363	1 517 271,093	28,595	28,132	75	70	57 381	9 004,844	73 198,734	8,129	7,666
26	21	98 294	51 725,587	1 464 209,731	28,307	27,845	76	71	54 443	8 335,472	64 193,890	7,701	7,239
27	22	98 212	50 422,267	1 412 484,144	28,013	27,551	77	72	51 345	7 669,318	55 858,417	7,283	6,821
28	23	98 128	49 150,023	1 362 061,877	27,712	27,250	78	73	48 038	7 000,374	48 189,099	6,884	6,421
29	24	98 045	47 910,627	1 312 911,854	27,403	26,941	79	74	44 579	6 337,858	41 188,725	6,499	6,036
30	25	97 959	46 701,384	1 265 001,226	27,087	26,625	80	75	41 069	5 696,425	34 850,867	6,118	5,656
31	26	97 872	45 521,912	1 218 299,843	26,763	26,301	81	76	37 427	5 064,692	29 154,442	5,756	5,294
32	27	97 774	44 366,846	1 172 777,931	26,434	25,971	82	77	33 747	4 455,374	24 089,750	5,407	4,944
33	28	97 676	43 241,249	1 128 411,085	26,096	25,633	83	78	30 072	3 873,299	19 634,376	5,069	4,607
34	29	97 579	42 144,997	1 085 169,836	25,748	25,286	84	79	26 447	3 323,288	15 761,077	4,743	4,280
35	30	97 473	41 072,454	1 043 024,839	25,395	24,932	85	80	22 901	2 807,561	12 437,789	4,430	3,968
36	31	97 362	40 025,017	1 001 952,386	25,033	24,571	86	81	19 437	2 324,719	9 630,228	4,143	3,680
37	32	97 242	39 000,458	961 927,368	24,665	24,202	87	82	16 154	1 884,931	7 305,509	3,876	3,413
38	33	97 112	37 998,482	922 926,911	24,289	23,826	88	83	13 074	1 488,305	5 420,577	3,642	3,180
39	34	96 972	37 018,379	884 928,429	23,905	23,443	89	84	10 380	1 152,888	3 932,272	3,411	2,948
40	35	96 819	36 058,458	847 910,050	23,515	23,052	90	85	8 033	870,387	2 779,384	3,193	2,731
41	36	96 646	35 116,050	811 851,592	23,119	22,657	91	86	6 100	644,822	1 908,997	2,961	2,498
42	37	96 457	34 192,719	776 735,542	22,716	22,254	92	87	4 440	457,926	1 264,176	2,761	2,298
43	38	96 251	33 287,414	742 542,823	22,307	21,845	93	88	3 077	309,606	806,250	2,604	2,142
44	39	96 009	32 393,963	709 255,409	21,895	21,432	94	89	2 061	202,294	496,644	2,455	1,993
45	40	95 738	31 514,432	676 861,446	21,478	21,015	95	90	1 324	126,836	294,350	2,321	1,858
46	41	95 439	30 649,811	645 347,014	21,055	20,593	96	91	821	76,716	167,514	2,184	1,721
47	42	95 097	29 795,111	614 697,203	20,631	20,168	97	92	481	43,823	90,798	2,072	1,609
48	43	94 713	28 951,072	584 902,092	20,203	19,741	98	93	268	23,857	46,975	1,969	1,507
49	44	94 279	28 115,494	555 951,021	19,774	19,311	99	94	142	12,324	23,117	1,876	1,413
							100	95	71	6,025	10,793	1,791	1,329

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	27 322,902	531 416,498	19,449	18,987
1							51	45	93 405	26 512,600	504 093,596	19,013	18,551
2							52	46	92 831	25 706,951	477 580,996	18,578	18,115
3							53	47	92 199	24 909,351	451 874,045	18,141	17,678
4							54	48	91 511	24 120,445	426 964,694	17,701	17,239
5							55	49	90 756	23 338,020	402 844,249	17,261	16,799
6	0	99 498	85 797,083	2 831 457,791	33,002	32,539	56	50	89 942	22 564,424	379 506,229	16,819	16,356
7	1	99 170	83 427,853	2 745 660,708	32,911	32,448	57	51	89 063	21 799,034	356 941,805	16,374	15,912
8	2	99 132	81 362,015	2 662 232,855	32,721	32,258	58	52	88 134	21 045,418	335 142,770	15,925	15,462
9	3	99 106	79 357,149	2 580 870,839	32,522	32,060	59	53	87 112	20 294,171	314 097,353	15,477	15,015
10	4	99 083	77 403,862	2 501 513,690	32,318	31,855	60	54	86 014	19 549,577	293 803,182	15,029	14,566
11	5	99 063	75 500,161	2 424 109,828	32,107	31,645	61	55	84 831	18 810,404	274 253,604	14,580	14,117
12	6	99 044	73 644,870	2 348 609,667	31,891	31,429	62	56	83 575	18 080,023	255 443,201	14,128	13,666
13	7	99 026	71 835,380	2 274 964,797	31,669	31,207	63	57	82 235	17 356,112	237 363,178	13,676	13,214
14	8	99 009	70 071,307	2 203 129,417	31,441	30,979	64	58	80 820	16 641,451	220 007,066	13,220	12,758
15	9	98 986	68 346,731	2 133 058,110	31,209	30,747	65	59	79 295	15 929,249	203 365,614	12,767	12,304
16	10	98 960	66 662,187	2 064 711,379	30,973	30,510	66	60	77 686	15 225,406	187 436,365	12,311	11,848
17	11	98 923	65 011,758	1 998 049,191	30,734	30,271	67	61	75 973	14 526,567	172 210,959	11,855	11,392
18	12	98 881	63 399,413	1 933 037,434	30,490	30,027	68	62	74 180	13 837,642	157 684,392	11,395	10,933
19	13	98 819	61 813,973	1 869 638,021	30,246	29,784	69	63	72 266	13 151,784	143 846,749	10,937	10,475
20	14	98 755	60 267,500	1 807 824,048	29,997	29,534	70	64	70 232	12 469,923	130 694,965	10,481	10,018
21	15	98 684	58 755,161	1 747 556,547	29,743	29,281	71	65	68 082	11 793,323	118 225,042	10,025	9,562
22	16	98 615	57 282,017	1 688 801,386	29,482	29,020	72	66	65 809	11 121,666	106 431,719	9,570	9,107
23	17	98 544	55 844,472	1 631 519,368	29,215	28,753	73	67	63 370	10 448,161	95 310,053	9,122	8,660
24	18	98 472	54 442,847	1 575 674,896	28,942	28,479	74	68	60 785	9 777,556	84 861,892	8,679	8,217
25	19	98 394	53 072,776	1 521 232,050	28,663	28,201	75	69	58 017	9 104,702	75 084,335	8,247	7,784
26	20	98 314	51 736,503	1 468 159,273	28,378	27,915	76	70	55 102	8 436,271	65 979,634	7,821	7,359
27	21	98 234	50 433,168	1 416 422,771	28,085	27,623	77	71	52 039	7 773,034	57 543,363	7,403	6,941
28	22	98 150	49 161,320	1 365 989,603	27,786	27,323	78	72	48 793	7 110,409	49 770,329	7,000	6,537
29	23	98 067	47 921,527	1 316 828,282	27,479	27,016	79	73	45 365	6 449,665	42 659,920	6,614	6,152
30	24	97 982	46 712,004	1 268 906,755	27,164	26,702	80	74	41 878	5 808,672	36 210,255	6,234	5,771
31	25	97 894	45 532,058	1 222 194,752	26,843	26,380	81	75	38 280	5 180,111	30 401,583	5,869	5,406
32	26	97 800	44 378,702	1 176 662,693	26,514	26,052	82	76	34 625	4 571,244	25 221,472	5,517	5,055
33	27	97 701	43 252,413	1 132 283,991	26,179	25,716	83	77	30 969	3 988,792	20 650,228	5,177	4,715
34	28	97 605	42 155,946	1 089 031,577	25,833	25,371	84	78	27 357	3 437,616	16 661,436	4,847	4,384
35	29	97 500	41 083,849	1 046 875,631	25,481	25,019	85	79	23 795	2 917,100	13 223,819	4,533	4,071
36	30	97 389	40 036,005	1 005 791,783	25,122	24,660	86	80	20 318	2 430,121	10 306,719	4,241	3,779
37	31	97 273	39 013,177	965 755,778	24,755	24,292	87	81	16 995	1 983,086	7 876,598	3,972	3,509
38	32	97 146	38 011,647	926 742,601	24,380	23,918	88	82	13 862	1 578,045	5 893,512	3,735	3,272
39	33	97 007	37 031,777	888 730,954	23,999	23,537	89	83	11 101	1 232,981	4 315,467	3,500	3,038
40	34	96 859	36 073,097	851 699,177	23,610	23,148	90	84	8 674	939,928	3 082,486	3,279	2,817
41	35	96 687	35 131,021	815 626,080	23,217	22,754	91	85	6 669	704,951	2 142,558	3,039	2,577
42	36	96 502	34 208,671	780 495,059	22,816	22,353	92	86	4 915	506,919	1 437,607	2,836	2,374
43	37	96 302	33 304,956	746 286,388	22,408	21,945	93	87	3 476	349,703	930,687	2,661	2,199
44	38	96 066	32 413,073	712 981,432	21,997	21,534	94	88	2 356	231,315	580,984	2,512	2,049
45	39	95 805	31 536,610	680 568,359	21,580	21,118	95	89	1 540	147,443	349,669	2,372	1,909
46	40	95 507	30 671,674	649 031,749	21,161	20,698	96	90	964	90,063	202,226	2,245	1,783
47	41	95 176	29 819,890	618 360,075	20,736	20,274	97	91	581	53,000	112,162	2,116	1,654
48	42	94 803	28 978,484	588 540,185	20,310	19,847	98	92	331	29,417	59,162	2,011	1,549
49	43	94 379	28 145,203	559 561,701	19,881	19,419	99	93	179	15,539	29,746	1,914	1,452
							100	94	92	7,778	14,207	1,826	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	27 351,773	534 707,947	19,549	19,087
1							51	44	93 511	26 542,615	507 356,174	19,115	18,652
2							52	45	92 956	25 741,769	480 813,559	18,678	18,216
3							53	46	92 342	24 948,043	455 071,790	18,241	17,778
4							54	47	91 670	24 162,377	430 123,747	17,801	17,339
5							55	48	90 925	23 381,345	405 961,370	17,363	16,900
6							56	49	90 130	22 611,729	382 580,025	16,920	16,457
7	0	99 488	83 695,647	2 749 710,086	32,854	32,391	57	50	89 272	21 850,086	359 968,296	16,474	16,012
8	1	99 160	81 385,156	2 666 014,439	32,758	32,296	58	51	88 354	21 097,968	338 118,210	16,026	15,564
9	2	99 122	79 369,945	2 584 629,283	32,564	32,102	59	52	87 354	20 350,559	317 020,242	15,578	15,116
10	3	99 098	77 414,962	2 505 259,339	32,361	31,899	60	53	86 276	19 609,173	296 669,683	15,129	14,667
11	4	99 075	75 509,211	2 427 844,376	32,153	31,691	61	54	85 102	18 870,528	277 060,509	14,682	14,220
12	5	99 053	73 651,532	2 352 335,166	31,939	31,476	62	55	83 877	18 145,302	258 189,981	14,229	13,767
13	6	99 034	71 841,140	2 278 683,634	31,718	31,256	63	56	82 548	17 422,192	240 044,680	13,778	13,316
14	7	99 017	70 077,162	2 206 842,494	31,492	31,029	64	57	81 155	16 710,403	222 622,487	13,322	12,860
15	8	98 993	68 350,977	2 136 765,332	31,262	30,799	65	58	79 658	16 002,213	205 912,084	12,868	12,405
16	9	98 967	66 666,420	2 068 414,355	31,026	30,564	66	59	78 059	15 298,508	189 909,871	12,414	11,951
17	10	98 931	65 016,995	2 001 747,935	30,788	30,326	67	60	76 391	14 606,433	174 611,363	11,954	11,492
18	11	98 889	63 404,448	1 936 730,940	30,546	30,083	68	61	74 604	13 916,766	160 004,930	11,497	11,035
19	12	98 826	61 818,712	1 873 326,492	30,304	29,841	69	62	72 722	13 234,830	146 088,164	11,038	10,576
20	13	98 765	60 273,430	1 811 507,780	30,055	29,592	70	63	70 703	12 553,639	132 853,334	10,583	10,120
21	14	98 696	58 762,436	1 751 234,350	29,802	29,340	71	64	68 575	11 878,801	120 299,696	10,127	9,665
22	15	98 628	57 289,784	1 692 471,914	29,542	29,080	72	65	66 323	11 208,447	108 420,894	9,673	9,211
23	16	98 560	55 853,451	1 635 182,131	29,276	28,814	73	66	63 895	10 534,755	97 212,448	9,228	8,765
24	17	98 489	54 452,405	1 579 328,679	29,004	28,541	74	67	61 338	9 866,549	86 677,693	8,785	8,323
25	18	98 415	53 084,372	1 524 876,274	28,726	28,263	75	68	58 591	9 194,766	76 811,144	8,354	7,891
26	19	98 336	51 747,631	1 471 791,902	28,442	27,979	76	69	55 713	8 529,823	67 616,379	7,927	7,465
27	20	98 254	50 443,811	1 420 044,271	28,151	27,689	77	70	52 668	7 867,031	59 086,556	7,511	7,048
28	21	98 172	49 171,949	1 369 600,460	27,853	27,391	78	71	49 453	7 206,566	51 219,525	7,107	6,645
29	22	98 090	47 932,542	1 320 428,511	27,548	27,085	79	72	46 078	6 551,044	44 012,959	6,718	6,256
30	23	98 004	46 722,631	1 272 495,969	27,235	26,773	80	73	42 617	5 911,144	37 461,915	6,338	5,875
31	24	97 916	45 542,413	1 225 773,339	26,915	26,453	81	74	39 034	5 282,185	31 550,771	5,973	5,511
32	25	97 822	44 388,594	1 180 230,926	26,589	26,126	82	75	35 414	4 675,418	26 268,587	5,618	5,156
33	26	97 727	43 263,972	1 135 842,332	26,254	25,791	83	76	31 774	4 092,528	21 593,169	5,276	4,814
34	27	97 630	42 166,831	1 092 578,360	25,911	25,448	84	77	28 172	3 540,118	17 500,641	4,944	4,481
35	28	97 526	41 094,522	1 050 411,529	25,561	25,098	85	78	24 613	3 017,455	13 960,523	4,627	4,164
36	29	97 416	40 047,112	1 009 317,007	25,203	24,741	86	79	21 111	2 524,934	10 943,068	4,334	3,872
37	30	97 300	39 023,887	969 269,895	24,838	24,375	87	80	17 765	2 072,998	8 418,134	4,061	3,598
38	31	97 177	38 024,044	930 246,008	24,465	24,002	88	81	14 584	1 660,219	6 345,135	3,822	3,359
39	32	97 041	37 044,607	892 221,964	24,085	23,623	89	82	11 771	1 307,326	4 684,916	3,584	3,121
40	33	96 894	36 086,153	855 177,357	23,698	23,236	90	83	9 277	1 005,227	3 377,590	3,360	2,898
41	34	96 727	35 145,284	819 091,205	23,306	22,843	91	84	7 201	761,274	2 372,364	3,116	2,654
42	35	96 544	34 223,256	783 945,921	22,907	22,444	92	85	5 373	554,189	1 611,089	2,907	2,445
43	36	96 347	33 320,494	749 722,665	22,500	22,038	93	86	3 847	387,118	1 056,900	2,730	2,268
44	37	96 117	32 430,153	716 402,171	22,091	21,628	94	87	2 662	261,273	669,782	2,564	2,101
45	38	95 862	31 555,214	683 972,018	21,675	21,213	95	88	1 760	168,596	408,509	2,423	1,961
46	39	95 574	30 693,259	652 416,803	21,256	20,794	96	89	1 121	104,697	239,914	2,292	1,829
47	40	95 244	29 841,161	621 723,544	20,834	20,372	97	90	683	62,221	135,217	2,173	1,711
48	41	94 882	29 002,584	591 882,384	20,408	19,945	98	91	400	35,576	72,996	2,052	1,589
49	42	94 468	28 171,852	562 879,799	19,980	19,518	99	92	221	19,160	37,419	1,953	1,491
							100	93	116	9,807	18,260	1,862	1,399

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	27 377,671	537 729,823	19,641	19,179
1							51	43	93 609	26 570,662	510 352,152	19,207	18,745
2							52	44	93 062	25 770,911	483 781,490	18,772	18,310
3							53	45	92 468	24 981,832	458 010,579	18,334	17,871
4							54	46	91 813	24 199,909	433 028,747	17,894	17,431
5							55	47	91 083	23 421,992	408 828,837	17,455	16,992
6							56	48	90 297	22 653,706	385 406,846	17,013	16,551
7							57	49	89 459	21 895,894	362 753,140	16,567	16,105
8	0	99 478	81 646,393	2 669 749,193	32,699	32,237	58	50	88 561	21 147,378	340 857,246	16,118	15,656
9	1	99 150	79 392,518	2 588 102,800	32,599	32,136	59	51	87 572	20 401,375	319 709,868	15,671	15,209
10	2	99 114	77 427,445	2 508 710,281	32,401	31,938	60	52	86 516	19 663,658	299 308,493	15,221	14,759
11	3	99 089	75 520,039	2 431 282,836	32,194	31,731	61	53	85 361	18 928,054	279 644,835	14,774	14,312
12	4	99 065	73 660,360	2 355 762,797	31,981	31,519	62	54	84 145	18 203,300	260 716,781	14,323	13,860
13	5	99 043	71 847,639	2 282 102,437	31,763	31,301	63	55	82 846	17 485,096	242 513,481	13,870	13,407
14	6	99 025	70 082,781	2 210 254,798	31,538	31,075	64	56	81 464	16 774,025	225 028,386	13,415	12,953
15	7	99 001	68 356,688	2 140 172,017	31,309	30,846	65	57	79 988	16 068,517	208 254,360	12,960	12,498
16	8	98 973	66 670,561	2 071 815,329	31,075	30,613	66	58	78 417	15 368,583	192 185,844	12,505	12,043
17	9	98 937	65 021,123	2 005 144,769	30,838	30,376	67	59	76 758	14 676,563	176 817,261	12,048	11,585
18	10	98 897	63 409,557	1 940 123,645	30,597	30,134	68	60	75 014	13 993,279	162 140,698	11,587	11,125
19	11	98 834	61 823,622	1 876 714,089	30,356	29,894	69	61	73 138	13 310,506	148 147,418	11,130	10,668
20	12	98 773	60 278,050	1 814 890,467	30,109	29,646	70	62	71 150	12 632,907	134 836,912	10,673	10,211
21	13	98 706	58 768,217	1 754 612,417	29,856	29,394	71	63	69 036	11 958,548	122 204,005	10,219	9,757
22	14	98 641	57 296,877	1 695 844,200	29,597	29,135	72	64	66 804	11 289,685	110 245,457	9,765	9,303
23	15	98 573	55 861,024	1 638 547,323	29,333	28,870	73	65	64 394	10 616,956	98 955,771	9,321	8,858
24	16	98 505	54 461,161	1 582 686,299	29,061	28,598	74	66	61 847	9 948,322	88 338,816	8,880	8,417
25	17	98 433	53 093,692	1 528 225,139	28,784	28,321	75	67	59 124	9 278,454	78 390,494	8,449	7,986
26	18	98 357	51 758,937	1 475 131,447	28,500	28,038	76	68	56 264	8 614,200	69 112,040	8,023	7,561
27	19	98 276	50 454,661	1 423 372,509	28,211	27,749	77	69	53 252	7 954,270	60 497,840	7,606	7,143
28	20	98 192	49 182,325	1 372 917,848	27,915	27,452	78	70	50 051	7 293,713	52 543,570	7,204	6,742
29	21	98 111	47 942,905	1 323 735,522	27,611	27,148	79	71	46 701	6 639,636	45 249,857	6,815	6,353
30	22	98 026	46 733,370	1 275 792,618	27,299	26,837	80	72	43 287	6 004,058	38 610,220	6,431	5,968
31	23	97 939	45 552,774	1 229 059,248	26,981	26,519	81	73	39 723	5 375,369	32 606,163	6,066	5,603
32	24	97 844	44 398,688	1 183 506,474	26,656	26,194	82	74	36 112	4 767,546	27 230,794	5,712	5,249
33	25	97 749	43 273,615	1 139 107,786	26,323	25,861	83	75	32 498	4 185,792	22 463,247	5,367	4,904
34	26	97 656	42 178,099	1 095 834,171	25,981	25,519	84	76	28 905	3 632,185	18 277,455	5,032	4,570
35	27	97 551	41 105,133	1 053 656,072	25,633	25,171	85	77	25 347	3 107,429	14 645,270	4,713	4,251
36	28	97 441	40 057,517	1 012 550,939	25,277	24,815	86	78	21 837	2 611,798	11 537,841	4,418	3,955
37	29	97 327	39 034,713	972 493,422	24,914	24,451	87	79	18 459	2 153,878	8 926,044	4,144	3,682
38	30	97 204	38 034,482	933 458,709	24,542	24,080	88	80	15 245	1 735,493	6 772,166	3,902	3,440
39	31	97 073	37 056,688	895 424,227	24,164	23,701	89	81	12 384	1 375,403	5 036,673	3,662	3,200
40	32	96 927	36 098,655	858 367,538	23,778	23,316	90	82	9 836	1 065,839	3 661,270	3,435	2,973
41	33	96 762	35 158,003	822 268,883	23,388	22,925	91	83	7 702	814,162	2 595,432	3,188	2,725
42	34	96 583	34 237,150	787 110,880	22,990	22,528	92	84	5 803	598,467	1 781,270	2,976	2,514
43	35	96 388	33 334,700	752 873,730	22,585	22,123	93	85	4 206	423,216	1 182,803	2,795	2,332
44	36	96 162	32 445,283	719 539,030	22,177	21,715	94	86	2 946	289,226	759,587	2,626	2,164
45	37	95 912	31 571,843	687 093,747	21,763	21,300	95	87	1 988	190,431	470,361	2,470	2,008
46	38	95 631	30 711,365	655 521,904	21,345	20,882	96	88	1 281	119,717	279,930	2,338	1,876
47	39	95 311	29 862,162	624 810,538	20,923	20,461	97	89	793	72,331	160,213	2,215	1,753
48	40	94 949	29 023,272	594 948,376	20,499	20,037	98	90	470	41,766	87,882	2,104	1,642
49	41	94 547	28 195,281	565 925,104	20,072	19,609	99	91	267	23,172	46,117	1,990	1,528
							100	92	143	12,093	22,945	1,897	1,435

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	27 400,440	540 501,161	19,726	19,264
1							51	42	93 698	26 595,820	513 100,721	19,293	18,830
2							52	43	93 160	25 798,142	486 504,901	18,858	18,396
3							53	44	92 572	25 010,114	460 706,758	18,421	17,958
4							54	45	91 937	24 232,685	435 696,644	17,980	17,517
5							55	46	91 224	23 458,374	411 463,958	17,540	17,078
6							56	47	90 454	22 693,088	388 005,585	17,098	16,636
7							57	48	89 625	21 936,542	365 312,497	16,653	16,191
8							58	49	88 746	21 191,713	343 375,956	16,203	15,741
9	0	99 469	79 647,359	2 591 546,251	32,538	32,075	59	50	87 778	20 449,153	322 184,243	15,755	15,293
10	1	99 142	77 449,466	2 511 898,892	32,433	31,970	60	51	86 732	19 712,758	301 735,089	15,307	14,844
11	2	99 105	75 532,216	2 434 449,426	32,231	31,768	61	52	85 599	18 980,646	282 022,331	14,858	14,396
12	3	99 079	73 670,923	2 358 917,209	32,020	31,557	62	53	84 402	18 258,792	263 041,685	14,406	13,944
13	4	99 055	71 856,251	2 285 246,286	31,803	31,341	63	54	83 111	17 540,984	244 782,893	13,955	13,492
14	5	99 034	70 089,121	2 213 390,035	31,580	31,117	64	55	81 758	16 834,588	227 241,909	13,499	13,036
15	6	99 009	68 362,169	2 143 300,914	31,352	30,890	65	56	80 293	16 129,695	210 407,321	13,045	12,582
16	7	98 981	66 676,131	2 074 938,745	31,120	30,657	66	57	78 742	15 432,261	194 277,626	12,589	12,127
17	8	98 943	65 025,162	2 008 262,614	30,884	30,422	67	58	77 110	14 743,790	178 845,365	12,130	11,668
18	9	98 904	63 413,582	1 943 237,452	30,644	30,181	68	59	75 374	14 060,465	164 101,576	11,671	11,209
19	10	98 842	61 828,603	1 879 823,869	30,404	29,941	69	60	73 540	13 383,686	150 041,111	11,211	10,748
20	11	98 780	60 282,838	1 817 995,267	30,158	29,695	70	61	71 557	12 705,142	136 657,424	10,756	10,294
21	12	98 714	58 772,722	1 757 712,429	29,907	29,445	71	62	69 471	12 034,059	123 952,282	10,300	9,838
22	13	98 650	57 302,514	1 698 939,707	29,649	29,186	72	63	67 252	11 365,477	111 918,223	9,847	9,385
23	14	98 585	55 867,940	1 641 637,193	29,384	28,922	73	64	64 860	10 693,907	100 552,745	9,403	8,940
24	15	98 519	54 468,544	1 585 769,253	29,113	28,651	74	65	62 329	10 025,947	89 858,838	8,963	8,500
25	16	98 449	53 102,229	1 531 300,709	28,837	28,374	75	66	59 614	9 355,353	79 832,891	8,533	8,071
26	17	98 374	51 768,025	1 478 198,480	28,554	28,092	76	67	56 776	8 692,604	70 477,539	8,108	7,645
27	18	98 297	50 465,685	1 426 430,455	28,265	27,803	77	68	53 779	8 032,954	61 784,935	7,691	7,229
28	19	98 213	49 192,905	1 375 964,770	27,971	27,508	78	69	50 606	7 374,595	53 751,980	7,289	6,826
29	20	98 131	47 953,022	1 326 771,866	27,668	27,206	79	70	47 266	6 719,928	46 377,385	6,901	6,439
30	21	98 048	46 743,474	1 278 818,843	27,358	26,896	80	71	43 872	6 085,253	39 657,458	6,517	6,055
31	22	97 961	45 563,244	1 232 075,370	27,041	26,579	81	72	40 347	5 459,861	33 572,205	6,149	5,686
32	23	97 866	44 408,789	1 186 512,126	26,718	26,256	82	73	36 749	4 851,652	28 112,344	5,794	5,332
33	24	97 771	43 283,456	1 142 103,337	26,387	25,924	83	74	33 139	4 268,273	23 260,692	5,450	4,987
34	25	97 678	42 187,500	1 098 819,881	26,046	25,584	84	75	29 564	3 714,959	18 992,419	5,112	4,650
35	26	97 577	41 116,117	1 056 632,381	25,699	25,236	85	76	26 006	3 188,243	15 277,460	4,792	4,329
36	27	97 466	40 067,859	1 015 516,264	25,345	24,882	86	77	22 488	2 689,675	12 089,217	4,495	4,032
37	28	97 352	39 044,855	975 448,404	24,983	24,520	87	78	19 094	2 227,976	9 399,542	4,219	3,756
38	29	97 231	38 045,034	936 403,550	24,613	24,151	88	79	15 840	1 803,204	7 171,566	3,977	3,515
39	30	97 099	37 066,861	898 358,515	24,236	23,774	89	80	12 945	1 437,763	5 368,362	3,734	3,271
40	31	96 959	36 110,428	861 291,654	23,852	23,389	90	81	10 349	1 121,340	3 930,598	3,505	3,043
41	32	96 795	35 170,184	825 181,226	23,463	23,000	91	82	8 166	863,253	2 809,258	3,254	2,792
42	33	96 618	34 249,541	790 011,042	23,066	22,604	92	83	6 206	640,043	1 946,005	3,040	2,578
43	34	96 427	33 348,233	755 761,501	22,663	22,200	93	84	4 542	457,030	1 305,962	2,857	2,395
44	35	96 203	32 459,116	722 413,268	22,256	21,794	94	85	3 221	316,196	848,932	2,685	2,222
45	36	95 957	31 586,573	689 954,152	21,843	21,381	95	86	2 201	210,805	532,735	2,527	2,065
46	37	95 681	30 727,550	658 367,579	21,426	20,964	96	87	1 447	135,221	321,930	2,381	1,918
47	38	95 367	29 879,778	627 640,029	21,006	20,543	97	88	907	82,707	186,709	2,257	1,795
48	39	95 016	29 043,697	597 760,251	20,581	20,119	98	89	546	48,552	104,002	2,142	1,680
49	40	94 614	28 215,393	568 716,554	20,156	19,694	99	90	314	27,203	55,450	2,038	1,576
							100	91	173	14,625	28,247	1,931	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	27 419,985	543 039,963	19,805	19,342
1							51	41	93 776	26 617,939	515 619,978	19,371	18,909
2							52	42	93 248	25 822,569	489 002,039	18,937	18,475
3							53	43	92 670	25 036,542	463 179,470	18,500	18,038
4							54	44	92 041	24 260,119	438 142,928	18,060	17,598
5							55	45	91 348	23 490,146	413 882,809	17,619	17,157
6							56	46	90 595	22 728,337	390 392,663	17,176	16,714
7							57	47	89 781	21 974,677	367 664,326	16,731	16,269
8							58	48	88 911	21 231,053	345 689,649	16,282	15,820
9							59	49	87 962	20 492,024	324 458,596	15,833	15,371
10	0	99 460	77 698,070	2 515 073,316	32,370	31,907	60	50	86 935	19 758,924	303 966,572	15,384	14,921
11	1	99 133	75 553,699	2 437 375,246	32,260	31,798	61	51	85 812	19 028,041	284 207,648	14,936	14,474
12	2	99 095	73 682,802	2 361 821,547	32,054	31,591	62	52	84 636	18 309,525	265 179,607	14,483	14,021
13	3	99 069	71 866,556	2 288 138,745	31,839	31,376	63	53	83 364	17 594,457	246 870,082	14,031	13,569
14	4	99 046	70 097,522	2 216 272,189	31,617	31,155	64	54	82 019	16 888,397	229 275,625	13,576	13,114
15	5	99 018	68 368,353	2 146 174,667	31,391	30,929	65	55	80 583	16 187,931	212 387,228	13,120	12,658
16	6	98 989	66 681,477	2 077 806,313	31,160	30,698	66	56	79 041	15 491,017	196 199,297	12,665	12,203
17	7	98 952	65 030,595	2 011 124,836	30,926	30,463	67	57	77 429	14 804,879	180 708,280	12,206	11,744
18	8	98 910	63 417,521	1 946 094,241	30,687	30,225	68	58	75 719	14 124,870	165 903,401	11,745	11,283
19	9	98 849	61 832,528	1 882 676,720	30,448	29,986	69	59	73 893	13 447,945	151 778,532	11,286	10,824
20	10	98 788	60 287,695	1 820 844,192	30,203	29,740	70	60	71 950	12 774,994	138 330,586	10,828	10,366
21	11	98 721	58 777,390	1 760 556,497	29,953	29,491	71	61	69 869	12 102,870	125 555,592	10,374	9,912
22	12	98 658	57 306,906	1 701 779,107	29,696	29,233	72	62	67 677	11 437,244	113 452,722	9,920	9,457
23	13	98 595	55 873,436	1 644 472,200	29,432	28,970	73	63	65 296	10 765,700	102 015,479	9,476	9,014
24	14	98 531	54 475,288	1 588 598,764	29,162	28,699	74	64	62 781	10 098,615	91 249,779	9,036	8,573
25	15	98 462	53 109,428	1 534 123,476	28,886	28,424	75	65	60 079	9 428,351	81 151,165	8,607	8,145
26	16	98 390	51 776,348	1 481 014,047	28,604	28,142	76	66	57 246	8 764,648	71 722,814	8,183	7,721
27	17	98 314	50 474,545	1 429 237,699	28,316	27,854	77	67	54 269	8 106,068	62 958,166	7,767	7,304
28	18	98 235	49 203,653	1 378 763,154	28,022	27,559	78	68	51 106	7 447,545	54 852,098	7,365	6,903
29	19	98 153	47 963,337	1 329 559,501	27,720	27,258	79	69	47 790	6 794,447	47 404,553	6,977	6,515
30	20	98 068	46 753,338	1 281 596,164	27,412	26,949	80	70	44 403	6 158,840	40 610,107	6,594	6,131
31	21	97 982	45 573,095	1 234 842,827	27,096	26,633	81	71	40 893	5 533,697	34 451,266	6,226	5,763
32	22	97 889	44 418,996	1 189 269,732	26,774	26,311	82	72	37 327	4 927,912	28 917,569	5,868	5,406
33	23	97 793	43 293,303	1 144 850,736	26,444	25,982	83	73	33 723	4 343,570	23 989,657	5,523	5,061
34	24	97 700	42 197,094	1 101 557,433	26,105	25,643	84	74	30 146	3 788,162	19 646,087	5,186	4,724
35	25	97 599	41 125,282	1 059 360,339	25,759	25,297	85	75	26 599	3 260,900	15 857,926	4,863	4,401
36	26	97 493	40 078,567	1 018 235,057	25,406	24,944	86	76	23 073	2 759,625	12 597,026	4,565	4,102
37	27	97 378	39 054,936	978 156,490	25,046	24,583	87	77	19 663	2 294,409	9 837,401	4,288	3,825
38	28	97 256	38 054,918	939 101,554	24,678	24,215	88	78	16 385	1 865,238	7 542,991	4,044	3,582
39	29	97 126	37 077,145	901 046,636	24,302	23,840	89	79	13 450	1 493,859	5 677,753	3,801	3,338
40	30	96 985	36 120,341	863 969,491	23,919	23,457	90	80	10 818	1 172,181	4 183,894	3,569	3,107
41	31	96 827	35 181,655	827 849,150	23,531	23,068	91	81	8 591	908,205	3 011,713	3,316	2,854
42	32	96 651	34 261,407	792 667,495	23,136	22,673	92	82	6 580	678,636	2 103,508	3,100	2,637
43	33	96 462	33 360,303	758 406,088	22,734	22,271	93	83	4 858	488,781	1 424,872	2,915	2,453
44	34	96 242	32 472,294	725 045,786	22,328	21,866	94	84	3 478	341,460	936,091	2,741	2,279
45	35	95 998	31 600,039	692 573,492	21,917	21,454	95	85	2 406	230,462	594,631	2,580	2,118
46	36	95 726	30 741,885	660 973,453	21,501	21,038	96	86	1 602	149,689	364,169	2,433	1,970
47	37	95 417	29 895,524	630 231,568	21,081	20,619	97	87	1 025	93,419	214,480	2,296	1,833
48	38	95 072	29 060,831	600 336,044	20,658	20,195	98	88	624	55,517	121,062	2,181	1,718
49	39	94 681	28 235,250	571 275,213	20,233	19,770	99	89	364	31,623	65,544	2,073	1,610
							100	90	203	17,169	33,921	1,976	1,513

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	27 439,282	545 366,167	19,875	19,413
1							51	40	93 843	26 636,926	517 926,885	19,444	18,982
2							52	41	93 326	25 844,045	491 289,959	19,010	18,547
3							53	42	92 758	25 060,247	465 445,914	18,573	18,111
4							54	43	92 138	24 285,754	440 385,667	18,133	17,671
5							55	44	91 451	23 516,739	416 099,913	17,694	17,231
6							56	45	90 718	22 759,121	392 583,174	17,249	16,787
7							57	46	89 920	22 008,811	369 824,053	16,803	16,341
8							58	47	89 066	21 267,962	347 815,243	16,354	15,892
9							59	48	88 125	20 530,065	326 547,281	15,906	15,443
10							60	49	87 117	19 800,348	306 017,215	15,455	14,993
11	0	99 451	75 796,217	2 440 301,758	32,196	31,733	61	50	86 013	19 072,603	286 216,867	15,007	14,544
12	1	99 123	73 703,759	2 364 505,540	32,081	31,619	62	51	84 848	18 355,244	267 144,264	14,554	14,092
13	2	99 085	71 878,144	2 290 801,782	31,871	31,408	63	52	83 596	17 643,343	248 789,020	14,101	13,639
14	3	99 060	70 107,575	2 218 923,638	31,650	31,188	64	53	82 269	16 939,881	231 145,677	13,645	13,183
15	4	99 030	68 376,548	2 148 816,063	31,426	30,964	65	54	80 840	16 239,673	214 205,796	13,190	12,728
16	5	98 998	66 687,510	2 080 439,515	31,197	30,734	66	55	79 327	15 546,948	197 966,123	12,733	12,271
17	6	98 960	65 035,809	2 013 752,006	30,964	30,501	67	56	77 724	14 861,246	182 419,175	12,275	11,812
18	7	98 918	63 422,820	1 948 716,196	30,726	30,263	68	57	76 033	14 183,394	167 557,930	11,814	11,351
19	8	98 855	61 836,369	1 885 293,376	30,488	30,026	69	58	74 231	13 509,544	153 374,535	11,353	10,891
20	9	98 795	60 291,522	1 823 457,007	30,244	29,782	70	59	72 296	12 836,331	139 864,991	10,896	10,434
21	10	98 729	58 782,126	1 763 165,485	29,995	29,533	71	60	70 253	12 169,411	127 028,661	10,438	9,976
22	11	98 666	57 311,458	1 704 383,359	29,739	29,277	72	61	68 064	11 502,641	114 859,250	9,985	9,523
23	12	98 602	55 877,719	1 647 071,901	29,476	29,014	73	62	65 708	10 833,679	103 356,608	9,540	9,078
24	13	98 541	54 480,647	1 591 194,182	29,207	28,744	74	63	63 202	10 166,411	92 522,930	9,101	8,638
25	14	98 474	53 116,004	1 536 713,534	28,931	28,469	75	64	60 515	9 496,687	82 356,519	8,672	8,210
26	15	98 404	51 783,368	1 483 597,530	28,650	28,188	76	65	57 693	8 833,037	72 859,832	8,249	7,786
27	16	98 330	50 482,661	1 431 814,162	28,362	27,900	77	66	54 718	8 173,250	64 026,795	7,834	7,371
28	17	98 252	49 212,291	1 381 331,501	28,069	27,606	78	67	51 571	7 515,330	55 853,545	7,432	6,970
29	18	98 174	47 973,816	1 332 119,210	27,768	27,305	79	68	48 263	6 861,658	48 338,215	7,045	6,582
30	19	98 089	46 763,395	1 284 145,394	27,460	26,998	80	69	44 895	6 227,137	41 476,557	6,661	6,198
31	20	98 003	45 582,712	1 237 381,999	27,146	26,683	81	70	41 387	5 600,614	35 249,420	6,294	5,831
32	21	97 910	44 428,599	1 191 799,287	26,825	26,363	82	71	37 832	4 994,554	29 648,805	5,936	5,474
33	22	97 816	43 303,254	1 147 370,688	26,496	26,034	83	72	34 253	4 411,844	24 654,251	5,588	5,126
34	23	97 722	42 206,694	1 104 067,434	26,159	25,696	84	73	30 678	3 854,989	20 242,407	5,251	4,789
35	24	97 621	41 134,634	1 061 860,740	25,814	25,352	85	74	27 123	3 325,155	16 387,417	4,928	4,466
36	25	97 514	40 087,500	1 020 726,106	25,462	25,000	86	75	23 599	2 822,514	13 062,262	4,628	4,165
37	26	97 404	39 065,373	980 638,606	25,103	24,640	87	76	20 174	2 354,080	10 239,748	4,350	3,887
38	27	97 281	38 064,744	941 573,233	24,736	24,274	88	77	16 873	1 920,855	7 885,668	4,105	3,643
39	28	97 152	37 086,777	903 508,489	24,362	23,900	89	78	13 913	1 545,251	5 964,813	3,860	3,398
40	29	97 012	36 130,362	866 421,712	23,980	23,518	90	79	11 240	1 217,915	4 419,562	3,629	3,166
41	30	96 853	35 191,312	830 291,350	23,594	23,131	91	80	8 981	949,383	3 201,647	3,372	2,910
42	31	96 683	34 272,581	795 100,037	23,199	22,737	92	81	6 923	713,975	2 252,264	3,155	2,692
43	32	96 495	33 371,861	760 827,456	22,798	22,336	93	82	5 151	518,253	1 538,289	2,968	2,506
44	33	96 276	32 484,046	727 455,596	22,394	21,932	94	83	3 720	365,181	1 020,037	2,793	2,331
45	34	96 037	31 612,868	694 971,549	21,984	21,521	95	84	2 599	248,876	654,855	2,631	2,169
46	35	95 766	30 754,991	663 358,681	21,569	21,107	96	85	1 751	163,647	405,980	2,481	2,018
47	36	95 462	29 909,471	632 603,690	21,151	20,688	97	86	1 134	103,413	242,333	2,343	1,881
48	37	95 122	29 076,145	602 694,218	20,728	20,266	98	87	705	62,707	138,919	2,215	1,753
49	38	94 736	28 251,907	573 618,073	20,304	19,841	99	88	417	36,160	76,212	2,108	1,645
							100	89	236	19,959	40,052	2,007	1,544



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	27 455,469	547 495,608	19,941	19,479
1							51	39	93 909	26 655,672	520 040,139	19,510	19,047
2							52	40	93 392	25 862,479	493 384,467	19,077	18,615
3							53	41	92 835	25 081,089	467 521,988	18,640	18,178
4							54	42	92 226	24 308,749	442 440,899	18,201	17,738
5							55	43	91 548	23 541,588	418 132,150	17,761	17,299
6							56	44	90 820	22 784,886	394 590,562	17,318	16,856
7							57	45	90 042	22 038,619	371 805,676	16,871	16,408
8							58	46	89 204	21 300,998	349 767,056	16,420	15,958
9							59	47	88 278	20 565,756	328 466,058	15,972	15,509
10							60	48	87 279	19 837,106	307 900,303	15,521	15,059
11							61	49	86 194	19 112,588	288 063,197	15,072	14,609
12	0	99 442	73 940,339	2 367 203,989	32,015	31,553	62	50	85 046	18 398,230	268 950,609	14,618	14,156
13	1	99 113	71 898,587	2 293 263,650	31,896	31,433	63	51	83 805	17 687,399	250 552,379	14,166	13,703
14	2	99 076	70 118,879	2 221 365,063	31,680	31,218	64	52	82 498	16 986,949	232 864,980	13,708	13,246
15	3	99 044	68 386,354	2 151 246,184	31,457	30,995	65	53	81 087	16 289,179	215 878,031	13,253	12,790
16	4	99 010	66 695,503	2 082 859,831	31,229	30,767	66	54	79 580	15 596,641	199 588,852	12,797	12,334
17	5	98 969	65 041,693	2 016 164,328	30,998	30,536	67	55	78 004	14 914,903	183 992,211	12,336	11,874
18	6	98 926	63 427,906	1 951 122,635	30,761	30,299	68	56	76 323	14 237,395	169 077,308	11,876	11,413
19	7	98 863	61 841,535	1 887 694,729	30,525	30,062	69	57	74 539	13 565,519	154 839,913	11,414	10,952
20	8	98 801	60 295,267	1 825 853,194	30,282	29,819	70	58	72 627	12 895,128	141 274,394	10,956	10,493
21	9	98 736	58 785,858	1 765 557,926	30,034	29,571	71	59	70 590	12 227,840	128 379,266	10,499	10,037
22	10	98 674	57 316,075	1 706 772,069	29,778	29,316	72	60	68 438	11 565,882	116 151,427	10,043	9,580
23	11	98 610	55 882,158	1 649 455,993	29,517	29,054	73	61	66 084	10 895,625	104 585,544	9,599	9,136
24	12	98 548	54 484,824	1 593 573,835	29,248	28,786	74	62	63 602	10 230,606	93 689,919	9,158	8,695
25	13	98 484	53 121,229	1 539 089,012	28,973	28,511	75	63	60 921	9 560,442	83 459,313	8,730	8,267
26	14	98 416	51 789,779	1 485 967,782	28,692	28,230	76	64	58 111	8 897,058	73 898,871	8,306	7,844
27	15	98 343	50 489,505	1 434 178,003	28,405	27,943	77	65	55 145	8 237,025	65 001,813	7,891	7,429
28	16	98 268	49 220,204	1 383 688,497	28,112	27,650	78	66	51 999	7 577,616	56 764,788	7,491	7,029
29	17	98 191	47 982,239	1 334 468,293	27,812	27,349	79	67	48 702	6 924,111	49 187,171	7,104	6,641
30	18	98 111	46 773,612	1 286 486,054	27,505	27,042	80	68	45 339	6 288,736	42 263,061	6,720	6,258
31	19	98 024	45 592,517	1 239 712,443	27,191	26,729	81	69	41 846	5 662,721	35 974,324	6,353	5,890
32	20	97 930	44 437,975	1 194 119,926	26,872	26,409	82	70	38 289	5 054,952	30 311,603	5,996	5,534
33	21	97 837	43 312,616	1 149 681,950	26,544	26,081	83	71	34 716	4 471,507	25 256,651	5,648	5,186
34	22	97 745	42 216,395	1 106 369,335	26,207	25,745	84	72	31 160	3 915,584	20 785,144	5,308	4,846
35	23	97 643	41 143,992	1 064 152,940	25,864	25,402	85	73	27 602	3 383,815	16 869,560	4,985	4,523
36	24	97 536	40 096,616	1 023 008,947	25,514	25,051	86	74	24 064	2 878,131	13 485,745	4,686	4,223
37	25	97 425	39 074,080	982 912,331	25,155	24,693	87	75	20 634	2 407,727	10 607,614	4,406	3,943
38	26	97 307	38 074,916	943 838,251	24,789	24,327	88	76	17 312	1 970,811	8 199,887	4,161	3,698
39	27	97 177	37 096,353	905 763,335	24,417	23,954	89	77	14 328	1 591,326	6 229,076	3,914	3,452
40	28	97 038	36 139,749	868 666,982	24,036	23,574	90	78	11 627	1 259,814	4 637,750	3,681	3,219
41	29	96 880	35 201,076	832 527,233	23,651	23,188	91	79	9 331	986,424	3 377,936	3,424	2,962
42	30	96 709	34 281,989	797 326,157	23,258	22,795	92	80	7 237	746,346	2 391,512	3,204	2,742
43	31	96 527	33 382,744	763 044,168	22,857	22,395	93	81	5 419	545,240	1 645,166	3,017	2,555
44	32	96 310	32 495,301	729 661,423	22,454	21,992	94	82	3 944	387,201	1 099,926	2,841	2,378
45	33	96 072	31 624,310	697 166,123	22,045	21,583	95	83	2 779	266,166	712,725	2,678	2,215
46	34	95 805	30 767,478	665 541,813	21,631	21,169	96	84	1 891	176,722	446,560	2,527	2,064
47	35	95 503	29 922,223	634 774,335	21,214	20,752	97	85	1 240	113,057	269,838	2,387	1,924
48	36	95 167	29 089,710	604 852,113	20,793	20,330	98	86	781	69,416	156,782	2,259	1,796
49	37	94 786	28 266,795	575 762,403	20,369	19,906	99	87	471	40,843	87,365	2,139	1,677
							100	88	270	22,822	46,522	2,038	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	27 469,937	549 444,314	20,002	19,539
1							51	38	93 964	26 671,396	521 974,377	19,571	19,108
2							52	39	93 458	25 880,680	495 302,981	19,138	18,676
3							53	40	92 901	25 098,980	469 422,300	18,703	18,240
4							54	41	92 302	24 328,966	444 323,321	18,263	17,801
5							55	42	91 635	23 563,878	419 994,355	17,824	17,361
6							56	43	90 916	22 808,962	396 430,477	17,380	16,918
7							57	44	90 144	22 063,569	373 621,514	16,934	16,471
8							58	45	89 325	21 329,848	351 557,945	16,482	16,020
9							59	46	88 415	20 597,701	330 228,097	16,032	15,570
10							60	47	87 431	19 871,591	309 630,396	15,582	15,119
11							61	48	86 354	19 148,069	289 758,805	15,133	14,670
12							62	49	85 225	18 436,802	270 610,736	14,678	14,215
13	0	99 431	72 129,373	2 295 752,577	31,828	31,366	63	50	84 001	17 728,822	252 173,935	14,224	13,762
14	1	99 104	70 138,822	2 223 623,204	31,703	31,241	64	51	82 704	17 029,365	234 445,113	13,767	13,305
15	2	99 060	68 397,380	2 153 484,382	31,485	31,022	65	52	81 312	16 334,439	217 415,748	13,310	12,848
16	3	99 024	66 705,068	2 085 087,002	31,258	30,796	66	53	79 823	15 644,186	201 081,309	12,853	12,391
17	4	98 980	65 049,489	2 018 381,934	31,028	30,566	67	54	78 254	14 962,576	185 437,122	12,393	11,931
18	5	98 935	63 433,644	1 953 332,445	30,793	30,331	68	55	76 598	14 288,799	170 474,547	11,931	11,468
19	6	98 871	61 846,494	1 889 898,801	30,558	30,095	69	56	74 823	13 617,168	156 185,747	11,470	11,007
20	7	98 809	60 300,305	1 828 052,307	30,316	29,853	70	57	72 928	12 948,557	142 568,579	11,010	10,548
21	8	98 742	58 789,509	1 767 752,002	30,069	29,607	71	58	70 914	12 283,850	129 620,022	10,552	10,090
22	9	98 680	57 319,714	1 708 962,493	29,815	29,352	72	59	68 767	11 621,413	117 336,173	10,097	9,634
23	10	98 618	55 886,660	1 651 642,779	29,553	29,091	73	60	66 447	10 955,529	105 714,759	9,649	9,187
24	11	98 556	54 489,152	1 595 756,119	29,286	28,823	74	61	63 965	10 289,104	94 759,230	9,210	8,747
25	12	98 491	53 125,302	1 541 266,967	29,012	28,549	75	62	61 306	9 620,811	84 470,126	8,780	8,318
26	13	98 425	51 794,875	1 488 141,666	28,731	28,269	76	63	58 501	8 956,788	74 849,316	8,357	7,894
27	14	98 356	50 495,757	1 436 346,791	28,445	27,982	77	64	55 545	8 296,727	65 892,528	7,942	7,480
28	15	98 281	49 226,877	1 385 851,034	28,152	27,690	78	65	52 405	7 636,743	57 595,801	7,542	7,080
29	16	98 207	47 989,954	1 336 624,157	27,852	27,390	79	66	49 106	6 981,497	49 959,058	7,156	6,694
30	17	98 128	46 781,824	1 288 634,203	27,546	27,083	80	67	45 752	6 345,975	42 977,561	6,772	6,310
31	18	98 046	45 602,478	1 241 852,380	27,232	26,770	81	68	42 260	5 718,737	36 631,586	6,406	5,943
32	19	97 952	44 447,534	1 196 249,901	26,914	26,451	82	69	38 714	5 111,008	30 912,849	6,048	5,586
33	20	97 857	43 321,756	1 151 802,367	26,587	26,125	83	70	35 136	4 525,580	25 801,841	5,701	5,239
34	21	97 766	42 225,522	1 108 480,611	26,251	25,789	84	71	31 582	3 968,536	21 276,261	5,361	4,899
35	22	97 666	41 153,449	1 066 255,089	25,909	25,447	85	72	28 036	3 437,003	17 307,726	5,036	4,573
36	23	97 559	40 105,738	1 025 101,640	25,560	25,098	86	73	24 488	2 928,905	13 870,722	4,736	4,273
37	24	97 447	39 082,966	984 995,902	25,203	24,740	87	74	21 041	2 455,170	10 941,817	4,457	3,994
38	25	97 329	38 083,403	945 912,936	24,838	24,376	88	75	17 706	2 015,723	8 486,647	4,210	3,748
39	26	97 203	37 106,266	907 829,533	24,466	24,003	89	76	14 701	1 632,712	6 470,923	3,963	3,501
40	27	97 063	36 149,080	870 723,267	24,087	23,625	90	77	11 973	1 297,379	4 838,211	3,729	3,267
41	28	96 905	35 210,221	834 574,187	23,703	23,240	91	78	9 652	1 020,359	3 540,833	3,470	3,008
42	29	96 736	34 291,500	799 363,966	23,311	22,848	92	79	7 519	775,465	2 520,474	3,250	2,788
43	30	96 553	33 391,908	765 072,465	22,912	22,449	93	80	5 665	569,961	1 745,008	3,062	2,599
44	31	96 341	32 505,899	731 680,557	22,509	22,047	94	81	4 150	407,364	1 175,047	2,885	2,422
45	32	96 105	31 635,266	699 174,658	22,101	21,639	95	82	2 947	282,214	767,684	2,720	2,258
46	33	95 840	30 778,613	667 539,392	21,688	21,226	96	83	2 023	188,999	485,470	2,569	2,106
47	34	95 541	29 934,371	636 760,779	21,272	20,809	97	84	1 339	122,089	296,471	2,428	1,966
48	35	95 207	29 102,112	606 826,408	20,852	20,389	98	85	853	75,889	174,381	2,298	1,835
49	36	94 831	28 279,982	577 724,296	20,429	19,966	99	86	521	45,213	98,492	2,178	1,716
							100	87	305	25,778	53,279	2,067	1,604

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	27 482,753	551 227,112	20,057	19,595
1							51	37	94 014	26 685,452	523 744,360	19,627	19,164
2							52	38	93 513	25 895,948	497 058,908	19,194	18,732
3							53	39	92 966	25 116,643	471 162,960	18,759	18,297
4							54	40	92 368	24 346,320	446 046,317	18,321	17,858
5							55	41	91 711	23 583,476	421 699,998	17,881	17,419
6							56	42	91 002	22 830,559	398 116,522	17,438	16,975
7							57	43	90 239	22 086,883	375 285,963	16,991	16,529
8							58	44	89 426	21 353,996	353 199,080	16,540	16,078
9							59	45	88 535	20 625,598	331 845,085	16,089	15,627
10							60	46	87 567	19 902,458	311 219,486	15,637	15,175
11							61	47	86 504	19 181,356	291 317,028	15,188	14,725
12							62	48	85 383	18 471,028	272 135,672	14,733	14,271
13							63	49	84 177	17 765,989	253 664,644	14,278	13,816
14	0	99 422	70 363,959	2 225 919,822	31,634	31,172	64	50	82 898	17 069,247	235 898,655	13,820	13,358
15	1	99 088	68 416,834	2 155 555,863	31,506	31,044	65	51	81 515	16 375,227	218 829,408	13,363	12,901
16	2	99 040	66 715,823	2 087 139,029	31,284	30,822	66	52	80 045	15 687,654	202 454,181	12,905	12,443
17	3	98 995	65 058,817	2 020 423,206	31,055	30,593	67	53	78 492	15 008,188	186 766,527	12,444	11,982
18	4	98 947	63 441,247	1 955 364,388	30,822	30,359	68	54	76 843	14 334,471	171 758,339	11,982	11,520
19	5	98 880	61 852,089	1 891 923,141	30,588	30,125	69	55	75 093	13 666,333	157 423,867	11,519	11,057
20	6	98 817	60 305,140	1 830 071,052	30,347	29,884	70	56	73 205	12 997,857	143 757,535	11,060	10,598
21	7	98 750	58 794,421	1 769 765,912	30,101	29,638	71	57	71 207	12 334,746	130 759,678	10,601	10,139
22	8	98 686	57 323,275	1 710 971,491	29,848	29,385	72	58	69 082	11 674,646	118 424,932	10,144	9,681
23	9	98 624	55 890,208	1 653 648,216	29,587	29,125	73	59	66 766	11 008,129	106 750,286	9,697	9,235
24	10	98 564	54 493,541	1 597 758,008	29,320	28,858	74	60	64 317	10 345,673	95 742,157	9,254	8,792
25	11	98 499	53 129,521	1 543 264,467	29,047	28,585	75	61	61 656	9 675,822	85 396,484	8,826	8,363
26	12	98 433	51 798,845	1 490 134,945	28,768	28,305	76	62	58 871	9 013,345	75 720,661	8,401	7,939
27	13	98 365	50 500,724	1 438 336,100	28,481	28,019	77	63	55 918	8 352,426	66 707,317	7,987	7,524
28	14	98 293	49 232,972	1 387 835,376	28,189	27,727	78	64	52 784	7 692,094	58 354,891	7,586	7,124
29	15	98 220	47 996,460	1 338 602,404	27,890	27,427	79	65	49 489	7 035,972	50 662,797	7,201	6,738
30	16	98 144	46 789,346	1 290 605,943	27,583	27,121	80	66	46 131	6 398,570	43 626,824	6,818	6,356
31	17	98 063	45 610,485	1 243 816,598	27,270	26,808	81	67	42 645	5 770,787	37 228,255	6,451	5,989
32	18	97 973	44 457,245	1 198 206,113	26,952	26,489	82	68	39 097	5 161,566	31 457,467	6,095	5,632
33	19	97 878	43 331,075	1 153 748,868	26,626	26,164	83	69	35 526	4 575,765	26 295,901	5,747	5,284
34	20	97 786	42 234,433	1 110 417,793	26,292	25,829	84	70	31 964	4 016,526	21 720,136	5,408	4,945
35	21	97 687	41 162,346	1 068 183,360	25,950	25,488	85	71	28 415	3 483,483	17 703,610	5,082	4,620
36	22	97 581	40 114,957	1 027 021,014	25,602	25,140	86	72	24 873	2 974,943	14 220,126	4,780	4,318
37	23	97 470	39 091,857	986 906,057	25,246	24,783	87	73	21 412	2 498,483	11 245,183	4,501	4,038
38	24	97 351	38 092,063	947 814,200	24,882	24,420	88	74	18 055	2 055,443	8 746,701	4,255	3,793
39	25	97 224	37 114,537	909 722,137	24,511	24,049	89	75	15 036	1 669,920	6 691,258	4,007	3,545
40	26	97 089	36 158,740	872 607,600	24,133	23,670	90	76	12 285	1 331,119	5 021,338	3,772	3,310
41	27	96 930	35 219,312	836 448,860	23,750	23,287	91	77	9 940	1 050,784	3 690,219	3,512	3,049
42	28	96 761	34 300,409	801 229,547	23,359	22,897	92	78	7 778	802,143	2 639,435	3,290	2,828
43	29	96 580	33 401,173	766 929,138	22,961	22,499	93	79	5 886	592,198	1 837,292	3,102	2,640
44	30	96 368	32 514,822	733 527,965	22,560	22,097	94	80	4 338	425,833	1 245,094	2,924	2,461
45	31	96 136	31 645,584	701 013,143	22,152	21,690	95	81	3 100	296,910	819,260	2,759	2,297
46	32	95 873	30 789,277	669 367,560	21,740	21,278	96	82	2 145	200,395	522,350	2,607	2,144
47	33	95 576	29 945,205	638 578,283	21,325	20,862	97	83	1 432	130,571	321,955	2,466	2,003
48	34	95 246	29 113,927	608 633,078	20,905	20,443	98	84	922	81,953	191,384	2,335	1,873
49	35	94 871	28 292,039	579 519,151	20,483	20,021	99	85	570	49,429	109,431	2,214	1,751
							100	86	337	28,536	60,002	2,103	1,640

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	27 494,470	552 858,124	20,108	19,646
1							51	36	94 058	26 697,901	525 363,654	19,678	19,216
2							52	37	93 562	25 909,594	498 665,753	19,246	18,784
3							53	38	93 021	25 131,460	472 756,159	18,811	18,349
4							54	39	92 433	24 363,454	447 624,699	18,373	17,910
5							55	40	91 776	23 600,298	423 261,245	17,935	17,472
6							56	41	91 078	22 849,546	399 660,948	17,491	17,029
7							57	42	90 325	22 107,796	376 811,401	17,044	16,582
8							58	43	89 520	21 376,560	354 703,606	16,593	16,131
9							59	44	88 635	20 648,949	333 327,046	16,143	15,680
10							60	45	87 685	19 929,414	312 678,097	15,689	15,227
11							61	46	86 638	19 211,151	292 748,684	15,238	14,776
12							62	47	85 531	18 503,138	273 537,532	14,783	14,321
13							63	48	84 333	17 798,970	255 034,394	14,329	13,866
14							64	49	83 071	17 105,032	237 235,424	13,869	13,407
15	0	99 406	68 636,444	2 157 676,042	31,436	30,974	65	50	81 706	16 413,576	220 130,392	13,411	12,949
16	1	99 068	66 734,798	2 089 039,598	31,304	30,841	66	51	80 245	15 726,826	203 716,816	12,953	12,491
17	2	99 011	65 069,308	2 022 304,800	31,079	30,617	67	52	78 710	15 049,889	187 989,989	12,491	12,029
18	3	98 961	63 450,345	1 957 235,492	30,847	30,384	68	53	77 077	14 378,169	172 940,100	12,028	11,566
19	4	98 892	61 859,503	1 893 785,147	30,614	30,152	69	54	75 333	13 710,015	158 561,931	11,565	11,103
20	5	98 826	60 310,596	1 831 925,644	30,375	29,912	70	55	73 470	13 044,786	144 851,916	11,104	10,642
21	6	98 758	58 799,136	1 771 615,049	30,130	29,668	71	56	71 478	12 381,709	131 807,130	10,645	10,183
22	7	98 694	57 328,064	1 712 815,913	29,877	29,415	72	57	69 368	11 723,018	119 425,421	10,187	9,725
23	8	98 631	55 893,680	1 655 487,849	29,619	29,156	73	58	67 072	11 058,553	107 702,403	9,739	9,277
24	9	98 570	54 497,001	1 599 594,169	29,352	28,890	74	59	64 626	10 395,345	96 643,851	9,297	8,834
25	10	98 507	53 133,802	1 545 097,168	29,079	28,617	75	60	61 995	9 729,020	86 248,505	8,865	8,403
26	11	98 441	51 802,959	1 491 963,366	28,801	28,338	76	61	59 207	9 064,883	76 519,486	8,441	7,979
27	12	98 373	50 504,596	1 440 160,407	28,515	28,053	77	62	56 271	8 405,166	67 454,603	8,025	7,563
28	13	98 303	49 237,816	1 389 655,811	28,223	27,761	78	63	53 139	7 743,734	59 049,437	7,625	7,163
29	14	98 232	48 002,403	1 340 417,996	27,924	27,462	79	64	49 848	7 086,969	51 305,702	7,239	6,777
30	15	98 157	46 795,689	1 292 415,593	27,618	27,156	80	65	46 491	6 448,497	44 218,733	6,857	6,395
31	16	98 079	45 617,818	1 245 619,904	27,306	26,843	81	66	42 998	5 818,615	37 770,237	6,491	6,029
32	17	97 990	44 465,050	1 200 002,085	26,988	26,525	82	67	39 452	5 208,545	31 951,622	6,134	5,672
33	18	97 900	43 340,542	1 155 537,035	26,662	26,199	83	68	35 877	4 621,029	26 743,077	5,787	5,325
34	19	97 807	42 243,518	1 112 196,493	26,328	25,866	84	69	32 318	4 061,066	22 122,048	5,447	4,985
35	20	97 707	41 171,033	1 069 952,975	25,988	25,526	85	70	28 758	3 525,608	18 060,981	5,123	4,660
36	21	97 602	40 123,629	1 028 781,942	25,640	25,178	86	71	25 210	3 015,174	14 535,373	4,821	4,358
37	22	97 492	39 100,842	988 658,313	25,285	24,822	87	72	21 748	2 537,755	11 520,199	4,540	4,077
38	23	97 373	38 100,729	949 557,471	24,922	24,460	88	73	18 374	2 091,704	8 982,444	4,294	3,832
39	24	97 246	37 122,977	911 456,741	24,552	24,090	89	74	15 332	1 702,825	6 890,740	4,047	3,584
40	25	97 110	36 166,800	874 333,764	24,175	23,713	90	75	12 565	1 361,454	5 187,915	3,811	3,348
41	26	96 956	35 228,724	838 166,964	23,792	23,330	91	76	10 198	1 078,112	3 826,461	3,549	3,087
42	27	96 786	34 309,266	802 938,241	23,403	22,941	92	77	8 010	826,061	2 748,350	3,327	2,865
43	28	96 605	33 409,850	768 628,975	23,006	22,544	93	78	6 088	612,571	1 922,288	3,138	2,676
44	29	96 394	32 523,843	735 219,125	22,606	22,143	94	79	4 507	442,447	1 309,717	2,960	2,498
45	30	96 163	31 654,271	702 695,282	22,199	21,737	95	80	3 241	310,372	867,270	2,794	2,332
46	31	95 904	30 799,318	671 041,011	21,788	21,325	96	81	2 256	210,830	556,898	2,641	2,179
47	32	95 609	29 955,580	640 241,693	21,373	20,911	97	82	1 519	138,444	346,068	2,500	2,037
48	33	95 280	29 124,464	610 286,113	20,954	20,492	98	83	986	87,646	207,623	2,369	1,906
49	34	94 910	28 303,525	581 161,649	20,533	20,071	99	84	615	53,378	119,977	2,248	1,785
							100	85	369	31,197	66,599	2,135	1,672

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	27 505,632	554 350,784	20,154	19,692
1							51	35	94 098	26 709,284	526 845,152	19,725	19,263
2							52	36	93 606	25 921,682	500 135,868	19,294	18,832
3							53	37	93 070	25 144,704	474 214,186	18,859	18,397
4							54	38	92 488	24 377,826	449 069,483	18,421	17,959
5							55	39	91 841	23 616,907	424 691,657	17,983	17,520
6							56	40	91 143	22 865,845	401 074,750	17,540	17,078
7							57	41	90 400	22 126,182	378 208,905	17,093	16,631
8							58	42	89 605	21 396,800	356 082,723	16,642	16,179
9							59	43	88 729	20 670,768	334 685,923	16,191	15,729
10							60	44	87 784	19 951,976	314 015,156	15,739	15,276
11							61	45	86 755	19 237,171	294 063,180	15,286	14,824
12							62	46	85 664	18 531,880	274 826,009	14,830	14,367
13							63	47	84 480	17 829,913	256 294,129	14,374	13,912
14							64	48	83 226	17 136,786	238 464,217	13,915	13,453
15							65	49	81 877	16 447,987	221 327,431	13,456	12,994
16	0	99 386	66 949,009	2 090 997,942	31,233	30,770	66	50	80 433	15 763,658	204 879,444	12,997	12,535
17	1	99 039	65 087,814	2 024 048,933	31,097	30,635	67	51	78 907	15 087,469	189 115,787	12,535	12,072
18	2	98 977	63 460,576	1 958 961,118	30,869	30,407	68	52	77 291	14 418,119	174 028,318	12,070	11,608
19	3	98 906	61 868,374	1 895 500,543	30,638	30,175	69	53	75 563	13 751,809	159 610,199	11,606	11,144
20	4	98 838	60 317,825	1 833 632,169	30,400	29,937	70	54	73 704	13 086,481	145 858,389	11,146	10,683
21	5	98 767	58 804,455	1 773 314,344	30,156	29,694	71	55	71 737	12 426,413	132 771,908	10,685	10,222
22	6	98 702	57 332,661	1 714 509,889	29,905	29,442	72	56	69 632	11 767,652	120 345,495	10,227	9,764
23	7	98 639	55 898,350	1 657 177,228	29,646	29,184	73	57	67 350	11 104,372	108 577,843	9,778	9,316
24	8	98 576	54 500,386	1 601 278,878	29,381	28,919	74	58	64 922	10 442,962	97 473,471	9,334	8,871
25	9	98 513	53 137,175	1 546 778,492	29,109	28,647	75	59	62 293	9 775,731	87 030,509	8,903	8,440
26	10	98 449	51 807,133	1 493 641,317	28,831	28,368	76	60	59 533	9 114,721	77 254,778	8,476	8,013
27	11	98 381	50 508,607	1 441 834,184	28,546	28,084	77	61	56 593	8 453,227	68 140,057	8,061	7,598
28	12	98 311	49 241,590	1 391 325,577	28,255	27,793	78	62	53 474	7 792,631	59 686,830	7,659	7,197
29	13	98 242	48 007,125	1 342 083,987	27,956	27,494	79	63	50 182	7 134,547	51 894,199	7,274	6,811
30	14	98 169	46 801,483	1 294 076,861	27,650	27,188	80	64	46 828	6 495,235	44 759,652	6,891	6,429
31	15	98 092	45 624,003	1 247 275,378	27,338	26,876	81	65	43 334	5 864,017	38 264,417	6,525	6,063
32	16	98 006	44 472,200	1 201 651,375	27,020	26,558	82	66	39 779	5 251,713	32 400,400	6,169	5,707
33	17	97 917	43 348,151	1 157 179,175	26,695	26,233	83	67	36 204	4 663,088	27 148,687	5,822	5,360
34	18	97 829	42 252,747	1 113 831,024	26,361	25,899	84	68	32 638	4 101,239	22 485,599	5,483	5,020
35	19	97 728	41 179,889	1 071 578,277	26,022	25,559	85	69	29 077	3 564,705	18 384,360	5,157	4,695
36	20	97 623	40 132,097	1 030 398,388	25,675	25,213	86	70	25 514	3 051,636	14 819,655	4,856	4,394
37	21	97 513	39 109,296	990 266,291	25,320	24,858	87	71	22 042	2 572,074	11 768,020	4,575	4,113
38	22	97 396	38 109,487	951 156,996	24,959	24,496	88	72	18 663	2 124,582	9 195,946	4,328	3,866
39	23	97 269	37 131,423	913 047,509	24,590	24,127	89	73	15 602	1 732,865	7 071,364	4,081	3,618
40	24	97 132	36 175,024	875 916,086	24,213	23,751	90	74	12 812	1 388,281	5 338,499	3,845	3,383
41	25	96 978	35 236,576	839 741,062	23,832	23,369	91	75	10 431	1 102,681	3 950,217	3,582	3,120
42	26	96 812	34 318,434	804 504,486	23,442	22,980	92	76	8 218	847,544	2 847,537	3,360	2,897
43	27	96 630	33 418,477	770 186,051	23,047	22,584	93	77	6 270	630,836	1 999,992	3,170	2,708
44	28	96 419	32 532,293	736 767,575	22,647	22,185	94	78	4 662	457,669	1 369,156	2,992	2,529
45	29	96 189	31 663,053	704 235,282	22,242	21,779	95	79	3 367	322,481	911,487	2,826	2,364
46	30	95 931	30 807,773	672 572,229	21,831	21,369	96	80	2 359	220,389	589,006	2,673	2,210
47	31	95 640	29 965,349	641 764,456	21,417	20,954	97	81	1 598	145,654	368,617	2,531	2,068
48	32	95 313	29 134,555	611 799,107	20,999	20,537	98	82	1 045	92,931	222,963	2,399	1,937
49	33	94 944	28 313,769	582 664,553	20,579	20,116	99	83	658	57,086	130,032	2,278	1,815
							100	84	398	33,689	72,946	2,165	1,703

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	27 515,587	555 716,674	20,196	19,734
1							51	34	94 136	26 720,127	528 201,087	19,768	19,305
2							52	35	93 646	25 932,733	501 480,960	19,338	18,875
3							53	36	93 114	25 156,434	475 548,226	18,904	18,441
4							54	37	92 536	24 390,673	450 391,792	18,466	18,003
5							55	38	91 895	23 630,839	426 001,119	18,027	17,565
6							56	39	91 207	22 881,937	402 370,281	17,585	17,122
7							57	40	90 464	22 141,965	379 488,344	17,139	16,676
8							58	41	89 680	21 414,595	357 346,379	16,687	16,225
9							59	42	88 813	20 690,340	335 931,784	16,236	15,774
10							60	43	87 877	19 973,059	315 241,445	15,783	15,321
11							61	44	86 854	19 258,949	295 268,386	15,331	14,869
12							62	45	85 780	18 556,979	276 009,437	14,874	14,411
13							63	46	84 611	17 857,608	257 452,458	14,417	13,955
14							64	47	83 370	17 166,577	239 594,849	13,957	13,495
15							65	48	82 029	16 478,521	222 428,273	13,498	13,036
16							66	49	80 601	15 796,705	205 949,752	13,038	12,575
17	0	99 357	65 296,739	2 025 858,804	31,025	30,563	67	50	79 092	15 122,803	190 153,046	12,574	12,112
18	1	99 005	63 478,625	1 960 562,065	30,885	30,423	68	51	77 484	14 454,122	175 030,244	12,109	11,647
19	2	98 922	61 878,350	1 897 083,440	30,658	30,196	69	52	75 772	13 790,019	160 576,122	11,644	11,182
20	3	98 852	60 326,475	1 835 205,090	30,421	29,959	70	53	73 929	13 126,375	146 786,103	11,183	10,720
21	4	98 779	58 811,503	1 774 878,616	30,179	29,717	71	54	71 966	12 466,132	133 659,728	10,722	10,259
22	5	98 711	57 337,848	1 716 067,112	29,929	29,467	72	55	69 883	11 810,139	121 193,596	10,262	9,799
23	6	98 647	55 902,832	1 658 729,265	29,672	29,209	73	56	67 606	11 146,650	109 383,457	9,813	9,351
24	7	98 584	54 504,940	1 602 826,433	29,407	28,945	74	57	65 191	10 486,231	98 236,807	9,368	8,906
25	8	98 519	53 140,476	1 548 321,493	29,136	28,674	75	58	62 578	9 820,509	87 750,576	8,935	8,473
26	9	98 455	51 810,422	1 495 181,017	28,859	28,396	76	59	59 819	9 158,483	77 930,067	8,509	8,047
27	10	98 389	50 512,676	1 443 370,595	28,574	28,112	77	60	56 904	8 499,702	68 771,583	8,091	7,629
28	11	98 318	49 245,501	1 392 857,919	28,284	27,822	78	61	53 780	7 837,189	60 271,881	7,690	7,228
29	12	98 250	48 010,805	1 343 612,417	27,986	27,523	79	62	50 499	7 179,597	52 434,691	7,303	6,841
30	13	98 179	46 806,088	1 295 601,612	27,680	27,218	80	63	47 142	6 538,840	45 255,095	6,921	6,459
31	14	98 104	45 629,652	1 248 795,524	27,368	26,906	81	64	43 648	5 906,519	38 716,254	6,555	6,092
32	15	98 019	44 478,229	1 203 165,873	27,051	26,588	82	65	40 090	5 292,691	32 809,735	6,199	5,737
33	16	97 933	43 355,121	1 158 687,643	26,726	26,263	83	66	36 504	4 701,736	27 517,044	5,853	5,390
34	17	97 846	42 260,165	1 115 332,522	26,392	25,930	84	67	32 935	4 138,567	22 815,308	5,513	5,050
35	18	97 750	41 188,886	1 073 072,357	26,052	25,590	85	68	29 365	3 599,967	18 676,741	5,188	4,726
36	19	97 644	40 140,729	1 031 883,471	25,707	25,244	86	69	25 797	3 085,476	15 076,775	4,886	4,424
37	20	97 534	39 117,549	991 742,742	25,353	24,890	87	70	22 309	2 603,177	11 991,298	4,606	4,144
38	21	97 417	38 117,726	952 625,192	24,992	24,529	88	71	18 915	2 153,313	9 388,121	4,360	3,897
39	22	97 291	37 139,958	914 507,467	24,623	24,161	89	72	15 848	1 760,103	7 234,808	4,110	3,648
40	23	97 154	36 183,254	877 367,509	24,248	23,785	90	73	13 038	1 412,772	5 474,705	3,875	3,413
41	24	97 000	35 244,589	841 184,255	23,867	23,405	91	74	10 636	1 124,409	4 061,932	3,613	3,150
42	25	96 834	34 326,084	805 939,666	23,479	23,017	92	75	8 405	866,859	2 937,524	3,389	2,926
43	26	96 656	33 427,407	771 613,582	23,083	22,621	93	76	6 433	647,243	2 070,665	3,199	2,737
44	27	96 444	32 540,692	738 186,175	22,685	22,223	94	77	4 801	471,315	1 423,422	3,020	2,558
45	28	96 214	31 671,279	705 645,483	22,280	21,818	95	78	3 483	333,576	952,107	2,854	2,392
46	29	95 957	30 816,320	673 974,204	21,871	21,408	96	79	2 451	228,988	618,531	2,701	2,239
47	30	95 667	29 973,575	643 157,884	21,457	20,995	97	80	1 670	152,257	389,544	2,558	2,096
48	31	95 344	29 144,056	613 184,308	21,040	20,577	98	81	1 099	97,770	237,286	2,427	1,965
49	32	94 977	28 323,578	584 040,252	20,620	20,158	99	82	698	60,528	139,516	2,305	1,843
							100	83	426	36,030	78,988	2,192	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	27 525,120	556 967,051	20,235	19,772
1							51	33	94 170	26 729,798	529 441,931	19,807	19,345
2							52	34	93 684	25 943,262	502 712,133	19,377	18,915
3							53	35	93 153	25 167,160	476 768,872	18,944	18,482
4							54	36	92 580	24 402,052	451 601,712	18,507	18,044
5							55	37	91 943	23 643,292	427 199,660	18,069	17,606
6							56	38	91 261	22 895,435	403 556,369	17,626	17,164
7							57	39	90 528	22 157,547	380 660,934	17,180	16,717
8							58	40	89 744	21 429,870	358 503,386	16,729	16,267
9							59	41	88 887	20 707,547	337 073,516	16,278	15,815
10							60	42	87 960	19 991,970	316 365,969	15,825	15,362
11							61	43	86 945	19 279,300	296 373,999	15,373	14,910
12							62	44	85 877	18 577,988	277 094,700	14,915	14,453
13							63	45	84 726	17 881,795	258 516,712	14,457	13,995
14							64	46	83 500	17 193,242	240 634,918	13,996	13,533
15							65	47	82 172	16 507,167	223 441,676	13,536	13,074
16							66	48	80 751	15 826,031	206 934,508	13,076	12,613
17							67	49	79 258	15 154,507	191 108,478	12,611	12,148
18	0	99 323	63 682,384	1 962 235,679	30,813	30,350	68	50	77 666	14 487,972	175 953,971	12,145	11,682
19	1	98 950	61 895,949	1 898 553,295	30,673	30,211	69	51	75 962	13 824,453	161 465,999	11,680	11,217
20	2	98 868	60 336,202	1 836 657,346	30,440	29,978	70	52	74 135	13 162,847	147 641,546	11,217	10,754
21	3	98 793	58 819,937	1 776 321,145	30,199	29,737	71	53	72 185	12 504,134	134 478,699	10,755	10,292
22	4	98 723	57 344,720	1 717 501,207	29,950	29,488	72	54	70 107	11 847,888	121 974,564	10,295	9,833
23	5	98 656	55 907,889	1 660 156,487	29,694	29,232	73	55	67 850	11 186,896	110 126,676	9,844	9,382
24	6	98 592	54 509,310	1 604 248,598	29,431	28,968	74	56	65 439	10 526,155	98 939,781	9,399	8,937
25	7	98 528	53 144,916	1 549 739,287	29,161	28,698	75	57	62 838	9 861,200	88 413,625	8,966	8,503
26	8	98 461	51 813,640	1 496 594,372	28,884	28,422	76	58	60 093	9 200,434	78 552,426	8,538	8,075
27	9	98 395	50 515,883	1 444 780,731	28,601	28,138	77	59	57 177	8 540,512	69 351,992	8,120	7,658
28	10	98 326	49 249,469	1 394 264,848	28,310	27,848	78	60	54 076	7 880,278	60 811,480	7,717	7,255
29	11	98 257	48 014,619	1 345 015,379	28,013	27,550	79	61	50 788	7 220,560	52 931,202	7,331	6,868
30	12	98 186	46 809,676	1 297 000,760	27,708	27,246	80	62	47 440	6 580,129	45 710,552	6,947	6,484
31	13	98 114	45 634,141	1 250 191,085	27,396	26,934	81	63	43 941	5 946,172	39 130,423	6,581	6,118
32	14	98 031	44 483,736	1 204 556,944	27,079	26,616	82	64	40 380	5 331,053	33 184,251	6,225	5,762
33	15	97 946	43 360,999	1 160 073,208	26,754	26,291	83	65	36 789	4 738,422	27 853,199	5,878	5,416
34	16	97 862	42 266,960	1 116 712,209	26,420	25,958	84	66	33 208	4 172,867	23 114,776	5,539	5,077
35	17	97 767	41 196,118	1 074 445,248	26,081	25,619	85	67	29 632	3 632,733	18 941,909	5,214	4,752
36	18	97 665	40 149,499	1 033 249,130	25,735	25,273	86	68	26 053	3 115,998	15 309,176	4,913	4,451
37	19	97 555	39 125,963	993 099,631	25,382	24,920	87	69	22 556	2 632,045	12 193,179	4,633	4,170
38	20	97 437	38 125,770	953 973,668	25,022	24,559	88	70	19 144	2 179,353	9 561,134	4,387	3,925
39	21	97 312	37 147,987	915 847,898	24,654	24,192	89	71	16 062	1 783,906	7 381,781	4,138	3,676
40	22	97 177	36 191,571	878 699,911	24,279	23,817	90	72	13 243	1 434,979	5 597,876	3,901	3,439
41	23	97 022	35 252,608	842 508,340	23,899	23,437	91	73	10 824	1 144,245	4 162,897	3,638	3,176
42	24	96 856	34 333,889	807 255,733	23,512	23,050	92	74	8 571	883,940	3 018,652	3,415	2,953
43	25	96 678	33 434,858	772 921,843	23,117	22,655	93	75	6 579	661,992	2 134,712	3,225	2,762
44	26	96 470	32 549,388	739 486,985	22,719	22,257	94	76	4 926	483,573	1 472,719	3,045	2,583
45	27	96 239	31 679,457	706 937,597	22,315	21,853	95	77	3 587	343,522	989,146	2,879	2,417
46	28	95 982	30 824,326	675 258,141	21,907	21,444	96	78	2 535	236,865	645,624	2,726	2,263
47	29	95 693	29 981,891	644 433,814	21,494	21,032	97	79	1 735	158,198	408,759	2,584	2,121
48	30	95 371	29 152,057	614 451,924	21,077	20,615	98	80	1 149	102,203	250,561	2,452	1,989
49	31	95 008	28 332,816	585 299,867	20,658	20,196	99	81	734	63,680	148,358	2,330	1,867
							100	82	451	38,202	84,678	2,217	1,754

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	27 534,097	558 111,979	20,270	19,807
1							51	32	94 203	26 739,059	530 577,882	19,843	19,380
2							52	33	93 718	25 952,651	503 838,823	19,414	18,951
3							53	34	93 191	25 177,377	477 886,172	18,981	18,518
4							54	35	92 619	24 412,455	452 708,795	18,544	18,082
5							55	36	91 986	23 654,322	428 296,340	18,106	17,644
6							56	37	91 309	22 907,501	404 642,018	17,664	17,202
7							57	38	90 581	22 170,618	381 734,517	17,218	16,756
8							58	39	89 807	21 444,951	359 563,899	16,767	16,304
9							59	40	88 950	20 722,318	338 118,948	16,317	15,854
10							60	41	88 034	20 008,597	317 396,630	15,863	15,401
11							61	42	87 028	19 297,554	297 388,033	15,411	14,948
12							62	43	85 968	18 597,618	278 090,479	14,953	14,491
13							63	44	84 822	17 902,039	259 492,861	14,495	14,033
14							64	45	83 613	17 216,529	241 590,822	14,032	13,570
15							65	46	82 300	16 532,808	224 374,294	13,571	13,109
16							66	47	80 891	15 853,543	207 841,485	13,110	12,648
17							67	48	79 405	15 182,640	191 987,942	12,645	12,183
18							68	49	77 829	14 518,346	176 805,303	12,178	11,716
19	0	99 268	62 094,628	1 900 101,756	30,600	30,138	69	50	76 140	13 856,829	162 286,957	11,712	11,249
20	1	98 896	60 353,362	1 838 007,128	30,454	29,992	70	51	74 320	13 195,715	148 430,128	11,248	10,786
21	2	98 809	58 829,422	1 777 653,766	30,217	29,755	71	52	72 386	12 538,878	135 234,413	10,785	10,323
22	3	98 737	57 352,944	1 718 824,344	29,969	29,507	72	53	70 320	11 884,006	122 695,536	10,324	9,862
23	4	98 667	55 914,590	1 661 471,400	29,714	29,252	73	54	68 067	11 222,653	110 811,530	9,874	9,411
24	5	98 601	54 514,242	1 605 556,810	29,452	28,990	74	55	65 675	10 564,160	99 588,877	9,427	8,965
25	6	98 536	53 149,177	1 551 042,568	29,183	28,720	75	56	63 077	9 898,744	89 024,717	8,994	8,531
26	7	98 469	51 817,969	1 497 893,391	28,907	28,444	76	57	60 342	9 238,555	79 125,973	8,565	8,102
27	8	98 401	50 519,021	1 446 075,421	28,624	28,162	77	58	57 439	8 579,632	69 887,418	8,146	7,683
28	9	98 333	49 252,596	1 395 556,400	28,335	27,872	78	59	54 335	7 918,113	61 307,786	7,743	7,280
29	10	98 265	48 018,487	1 346 303,805	28,037	27,575	79	60	51 067	7 260,348	53 389,672	7,354	6,891
30	11	98 194	46 813,394	1 298 285,318	27,733	27,271	80	61	47 711	6 617,754	46 129,324	6,971	6,508
31	12	98 121	45 637,639	1 251 471,924	27,422	26,960	81	62	44 219	5 983,718	39 511,570	6,603	6,141
32	13	98 041	44 488,113	1 205 834,285	27,105	26,642	82	63	40 651	5 366,842	33 527,852	6,247	5,785
33	14	97 958	43 366,368	1 161 346,172	26,780	26,317	83	64	37 055	4 772,766	28 161,009	5,900	5,438
34	15	97 875	42 272,691	1 117 979,805	26,447	25,984	84	65	33 467	4 205,427	23 388,243	5,561	5,099
35	16	97 783	41 202,742	1 075 707,114	26,108	25,645	85	66	29 878	3 662,840	19 182,816	5,237	4,775
36	17	97 682	40 156,548	1 034 504,372	25,762	25,299	86	67	26 290	3 144,359	15 519,975	4,936	4,473
37	18	97 576	39 134,512	994 347,824	25,408	24,946	87	68	22 780	2 658,081	12 375,617	4,656	4,193
38	19	97 458	38 133,971	955 213,312	25,049	24,586	88	69	19 356	2 203,520	9 717,536	4,410	3,948
39	20	97 332	37 155,826	917 079,341	24,682	24,220	89	70	16 256	1 805,478	7 514,015	4,162	3,699
40	21	97 198	36 199,395	879 923,515	24,308	23,845	90	71	13 422	1 454,385	5 708,538	3,925	3,463
41	22	97 044	35 260,710	843 724,120	23,928	23,466	91	72	10 994	1 162,230	4 254,153	3,660	3,198
42	23	96 878	34 341,701	808 463,409	23,542	23,079	92	73	8 722	899,534	3 091,923	3,437	2,975
43	24	96 700	33 442,461	774 121,709	23,148	22,685	93	74	6 709	675,037	2 192,388	3,248	2,785
44	25	96 492	32 556,643	740 679,248	22,750	22,288	94	75	5 038	494,593	1 517,351	3,068	2,605
45	26	96 265	31 687,922	708 122,605	22,347	21,884	95	76	3 680	352,456	1 022,759	2,902	2,439
46	27	96 007	30 832,285	676 434,682	21,939	21,477	96	77	2 611	243,928	670,303	2,748	2,286
47	28	95 718	29 989,680	645 602,397	21,527	21,065	97	78	1 795	163,640	426,374	2,606	2,143
48	29	95 397	29 160,145	615 612,717	21,111	20,649	98	79	1 194	106,191	262,734	2,474	2,012
49	30	95 034	28 340,593	586 452,572	20,693	20,231	99	80	767	66,568	156,544	2,352	1,889
							100	81	475	40,191	89,976	2,239	1,776



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	27 541,655	559 159,682	20,302	19,840
1							51	31	94 233	26 747,779	531 618,026	19,875	19,413
2							52	32	93 750	25 961,643	504 870,247	19,447	18,984
3							53	33	93 225	25 186,489	478 908,604	19,015	18,552
4							54	34	92 657	24 422,366	453 722,115	18,578	18,116
5							55	35	92 026	23 664,407	429 299,749	18,141	17,679
6							56	36	91 352	22 918,188	405 635,342	17,699	17,237
7							57	37	90 629	22 182,302	382 717,154	17,253	16,791
8							58	38	89 860	21 457,602	360 534,853	16,802	16,340
9							59	39	89 013	20 736,901	339 077,250	16,351	15,889
10							60	40	88 096	20 022,869	318 340,349	15,899	15,436
11							61	41	87 100	19 313,603	298 317,480	15,446	14,984
12							62	42	86 049	18 615,227	279 003,877	14,988	14,526
13							63	43	84 911	17 920,955	260 388,650	14,530	14,067
14							64	44	83 707	17 236,019	242 467,695	14,067	13,605
15							65	45	82 411	16 555,200	225 231,676	13,605	13,142
16							66	46	81 017	15 878,169	208 676,475	13,142	12,680
17							67	47	79 543	15 209,034	192 798,306	12,677	12,214
18							68	48	77 973	14 545,298	177 589,273	12,209	11,747
19							69	49	76 299	13 885,879	163 043,975	11,742	11,279
20	0	99 213	60 547,090	1 839 440,579	30,380	29,918	70	50	74 494	13 226,618	149 158,096	11,277	10,815
21	1	98 837	58 846,154	1 778 893,490	30,230	29,767	71	51	72 567	12 570,187	135 931,478	10,814	10,351
22	2	98 753	57 362,192	1 720 047,336	29,986	29,523	72	52	70 516	11 917,026	123 361,291	10,352	9,889
23	3	98 682	55 922,609	1 662 685,144	29,732	29,269	73	53	68 275	11 256,864	111 444,265	9,900	9,438
24	4	98 613	54 520,776	1 606 762,535	29,471	29,008	74	54	65 885	10 597,927	100 187,400	9,453	8,991
25	5	98 545	53 153,985	1 552 241,760	29,203	28,740	75	55	63 305	9 934,484	89 589,473	9,018	8,556
26	6	98 477	51 822,124	1 499 087,774	28,928	28,465	76	56	60 571	9 273,729	79 654,989	8,589	8,127
27	7	98 409	50 523,242	1 447 265,650	28,646	28,183	77	57	57 677	8 615,181	70 381,260	8,169	7,707
28	8	98 339	49 255,655	1 396 742,408	28,357	27,895	78	58	54 584	7 954,383	61 766,080	7,765	7,303
29	9	98 272	48 021,536	1 347 486,753	28,060	27,598	79	59	51 312	7 295,207	53 811,697	7,376	6,914
30	10	98 202	46 817,165	1 299 465,217	27,756	27,294	80	60	47 973	6 654,138	46 516,490	6,991	6,528
31	11	98 129	45 641,264	1 252 648,052	27,446	26,983	81	61	44 471	6 017,933	39 862,351	6,624	6,162
32	12	98 049	44 491,523	1 207 006,788	27,129	26,666	82	62	40 908	5 400,730	33 844,418	6,267	5,804
33	13	97 968	43 370,634	1 162 515,265	26,804	26,342	83	63	37 304	4 804,808	28 443,688	5,920	5,457
34	14	97 887	42 277,925	1 119 144,631	26,471	26,009	84	64	33 709	4 235,908	23 638,880	5,581	5,118
35	15	97 796	41 208,328	1 076 866,706	26,132	25,670	85	65	30 111	3 691,421	19 402,972	5,256	4,794
36	16	97 698	40 163,005	1 035 658,378	25,786	25,324	86	66	26 508	3 170,419	15 711,551	4,956	4,493
37	17	97 593	39 141,383	995 495,374	25,433	24,971	87	67	22 987	2 682,274	12 541,132	4,676	4,213
38	18	97 480	38 142,302	956 353,991	25,073	24,611	88	68	19 548	2 225,318	9 858,858	4,430	3,968
39	19	97 353	37 163,819	918 211,689	24,707	24,245	89	69	16 436	1 825,499	7 633,540	4,182	3,719
40	20	97 218	36 207,035	881 047,870	24,334	23,871	90	70	13 585	1 471,972	5 808,041	3,946	3,483
41	21	97 065	35 268,333	844 840,835	23,955	23,492	91	71	11 143	1 177,948	4 336,069	3,681	3,219
42	22	96 900	34 349,594	809 572,502	23,569	23,106	92	72	8 859	913,673	3 158,121	3,457	2,994
43	23	96 722	33 450,069	775 222,908	23,176	22,713	93	73	6 827	686,945	2 244,448	3,267	2,805
44	24	96 514	32 564,047	741 772,838	22,779	22,316	94	74	5 138	504,339	1 557,502	3,088	2,626
45	25	96 286	31 694,985	709 208,792	22,376	21,914	95	75	3 764	360,488	1 053,164	2,921	2,459
46	26	96 033	30 840,524	677 513,806	21,968	21,506	96	76	2 679	250,272	692,676	2,768	2,305
47	27	95 743	29 997,424	646 673,282	21,558	21,095	97	77	1 849	168,520	442,404	2,625	2,163
48	28	95 422	29 167,721	616 675,858	21,142	20,680	98	78	1 235	109,844	273,884	2,493	2,031
49	29	95 060	28 348,456	587 508,138	20,725	20,262	99	79	797	69,165	164,040	2,372	1,909
							100	80	496	42,014	94,876	2,258	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	27 549,297	560 119,026	20,332	19,869
1							51	30	94 259	26 755,122	532 569,730	19,905	19,443
2							52	31	93 781	25 970,110	505 814,608	19,477	19,014
3							53	32	93 257	25 195,216	479 844,498	19,045	18,583
4							54	33	92 690	24 431,205	454 649,283	18,609	18,147
5							55	34	92 063	23 674,014	430 218,078	18,173	17,710
6							56	35	91 391	22 927,959	406 544,063	17,731	17,269
7							57	36	90 671	22 192,651	383 616,105	17,286	16,823
8							58	37	89 907	21 468,910	361 423,454	16,835	16,372
9							59	38	89 065	20 749,134	339 954,545	16,384	15,922
10							60	39	88 158	20 036,960	319 205,410	15,931	15,468
11							61	40	87 162	19 327,380	299 168,450	15,479	15,017
12							62	41	86 121	18 630,709	279 841,071	15,020	14,558
13							63	42	84 992	17 937,923	261 210,362	14,562	14,099
14							64	43	83 796	17 254,232	243 272,438	14,099	13,637
15							65	44	82 504	16 573,943	226 018,206	13,637	13,175
16							66	45	81 127	15 899,674	209 444,264	13,173	12,710
17							67	46	79 666	15 232,658	193 544,590	12,706	12,243
18							68	47	78 109	14 570,584	178 311,931	12,238	11,775
19							69	48	76 441	13 911,657	163 741,348	11,770	11,308
20							70	49	74 650	13 254,347	149 829,691	11,304	10,842
21	0	99 154	59 035,043	1 780 221,155	30,155	29,693	71	50	72 736	12 599,626	136 575,344	10,840	10,377
22	1	98 781	57 378,506	1 721 186,112	29,997	29,535	72	51	70 692	11 946,783	123 975,718	10,377	9,915
23	2	98 698	55 931,626	1 663 807,606	29,747	29,285	73	52	68 464	11 288,142	112 028,935	9,924	9,462
24	3	98 627	54 528,594	1 607 875,980	29,487	29,024	74	53	66 086	10 630,234	100 740,793	9,477	9,014
25	4	98 556	53 160,356	1 553 347,386	29,220	28,758	75	54	63 507	9 966,238	90 110,559	9,042	8,579
26	5	98 486	51 826,813	1 500 187,029	28,946	28,484	76	55	60 790	9 307,212	80 144,321	8,611	8,149
27	6	98 417	50 527,293	1 448 360,217	28,665	28,202	77	56	57 897	8 647,981	70 837,109	8,191	7,729
28	7	98 347	49 259,770	1 397 832,923	28,377	27,914	78	57	54 810	7 987,341	62 189,127	7,786	7,324
29	8	98 278	48 024,519	1 348 573,153	28,081	27,619	79	58	51 548	7 328,623	54 201,787	7,396	6,933
30	9	98 208	46 820,138	1 300 548,634	27,778	27,315	80	59	48 204	6 686,087	46 873,163	7,011	6,548
31	10	98 137	45 644,941	1 253 728,497	27,467	27,005	81	60	44 716	6 051,019	40 187,077	6,641	6,179
32	11	98 056	44 495,057	1 208 083,556	27,151	26,689	82	61	41 142	5 431,612	34 136,057	6,285	5,822
33	12	97 975	43 373,959	1 163 588,499	26,827	26,364	83	62	37 540	4 835,147	28 704,446	5,937	5,474
34	13	97 897	42 282,084	1 120 214,540	26,494	26,031	84	63	33 936	4 264,345	23 869,298	5,597	5,135
35	14	97 808	41 213,430	1 077 932,456	26,155	25,692	85	64	30 329	3 718,176	19 604,953	5,273	4,810
36	15	97 711	40 168,450	1 036 719,026	25,809	25,347	86	65	26 714	3 195,157	15 886,776	4,972	4,510
37	16	97 609	39 147,676	996 550,576	25,456	24,994	87	66	23 177	2 704,504	12 691,619	4,693	4,230
38	17	97 497	38 148,999	957 402,900	25,096	24,634	88	67	19 725	2 245,572	9 987,115	4,447	3,985
39	18	97 375	37 171,938	919 253,901	24,730	24,267	89	68	16 599	1 843,557	7 741,543	4,199	3,737
40	19	97 239	36 214,823	882 081,963	24,357	23,895	90	69	13 735	1 488,295	5 897,986	3,963	3,500
41	20	97 086	35 275,776	845 867,140	23,979	23,516	91	70	11 278	1 192,192	4 409,690	3,699	3,236
42	21	96 921	34 357,020	810 591,363	23,593	23,131	92	71	8 979	926,029	3 217,498	3,475	3,012
43	22	96 744	33 457,758	776 234,343	23,200	22,738	93	72	6 934	697,743	2 291,469	3,284	2,822
44	23	96 536	32 571,455	742 776,585	22,805	22,342	94	73	5 228	513,236	1 593,726	3,105	2,643
45	24	96 308	31 702,193	710 205,130	22,402	21,940	95	74	3 838	367,591	1 080,490	2,939	2,477
46	25	96 054	30 847,399	678 502,937	21,995	21,533	96	75	2 740	255,975	712,899	2,785	2,323
47	26	95 768	30 005,440	647 655,539	21,585	21,122	97	76	1 897	172,902	456,923	2,643	2,180
48	27	95 447	29 175,252	617 650,099	21,170	20,708	98	77	1 272	113,119	284,021	2,511	2,048
49	28	95 085	28 355,821	588 474,848	20,753	20,291	99	78	825	71,544	170,902	2,389	1,926
							100	79	516	43,653	99,358	2,276	1,814

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	27 556,454	560 997,502	20,358	19,896
1							51	29	94 285	26 762,545	533 441,048	19,932	19,470
2							52	30	93 807	25 977,239	506 678,503	19,505	19,042
3							53	31	93 288	25 203,433	480 701,265	19,073	18,610
4							54	32	92 722	24 439,670	455 497,832	18,638	18,175
5							55	33	92 096	23 682,582	431 058,162	18,201	17,739
6							56	34	91 428	22 937,267	407 375,580	17,760	17,298
7							57	35	90 710	22 202,112	384 438,313	17,315	16,853
8							58	36	89 949	21 478,926	362 236,201	16,865	16,402
9							59	37	89 112	20 760,069	340 757,275	16,414	15,952
10							60	38	88 210	20 048,780	319 997,206	15,961	15,499
11							61	39	87 224	19 340,981	299 948,426	15,508	15,046
12							62	40	86 182	18 643,998	280 607,445	15,051	14,588
13							63	41	85 062	17 952,842	261 963,447	14,592	14,129
14							64	42	83 875	17 270,569	244 010,605	14,129	13,666
15							65	43	82 592	16 591,456	226 740,036	13,666	13,204
16							66	44	81 218	15 917,674	210 148,580	13,202	12,740
17							67	45	79 774	15 253,289	194 230,906	12,734	12,271
18							68	46	78 230	14 593,216	178 977,617	12,264	11,802
19							69	47	76 574	13 935,841	164 384,400	11,796	11,333
20							70	48	74 788	13 278,953	150 448,559	11,330	10,867
21							71	49	72 889	12 626,040	137 169,606	10,864	10,402
22	0	99 098	57 562,685	1 722 416,412	29,922	29,460	72	50	70 857	11 974,761	124 543,566	10,401	9,938
23	1	98 726	55 947,534	1 664 853,728	29,757	29,295	73	51	68 635	11 316,328	112 568,804	9,947	9,485
24	2	98 643	54 537,387	1 608 906,194	29,501	29,039	74	52	66 270	10 659,771	101 252,476	9,499	9,036
25	3	98 570	53 167,980	1 554 368,807	29,235	28,773	75	53	63 701	9 996,620	90 592,705	9,062	8,600
26	4	98 498	51 833,025	1 501 200,827	28,962	28,500	76	54	60 984	9 336,961	80 596,086	8,632	8,170
27	5	98 426	50 531,864	1 449 367,802	28,682	28,220	77	55	58 106	8 679,205	71 259,125	8,210	7,748
28	6	98 355	49 263,720	1 398 835,938	28,395	27,932	78	56	55 019	8 017,751	62 579,919	7,805	7,343
29	7	98 286	48 028,531	1 349 572,218	28,099	27,637	79	57	51 761	7 358,989	54 562,168	7,414	6,952
30	8	98 215	46 823,046	1 301 543,687	27,797	27,335	80	58	48 425	6 716,712	47 203,180	7,028	6,565
31	9	98 143	45 647,839	1 254 720,641	27,487	27,025	81	59	44 931	6 080,072	40 486,467	6,659	6,196
32	10	98 064	44 498,642	1 209 072,802	27,171	26,709	82	60	41 368	5 461,474	34 406,395	6,300	5,837
33	11	97 983	43 377,404	1 164 574,160	26,847	26,385	83	61	37 754	4 862,795	28 944,921	5,952	5,490
34	12	97 904	42 285,325	1 121 196,756	26,515	26,053	84	62	34 150	4 291,272	24 082,126	5,612	5,149
35	13	97 818	41 217,484	1 078 911,431	26,176	25,714	85	63	30 533	3 743,138	19 790,854	5,287	4,825
36	14	97 723	40 173,423	1 037 693,947	25,830	25,368	86	64	26 908	3 218,316	16 047,716	4,986	4,524
37	15	97 622	39 152,984	997 520,523	25,478	25,015	87	65	23 358	2 725,607	12 829,400	4,707	4,245
38	16	97 512	38 155,133	958 367,540	25,118	24,655	88	66	19 889	2 264,183	10 103,793	4,462	4,000
39	17	97 392	37 178,465	920 212,407	24,751	24,289	89	67	16 750	1 860,337	7 839,610	4,214	3,752
40	18	97 260	36 222,735	883 033,942	24,378	23,915	90	68	13 871	1 503,018	5 979,274	3,978	3,516
41	19	97 107	35 283,364	846 811,207	24,000	23,538	91	69	11 403	1 205,413	4 476,256	3,713	3,251
42	20	96 941	34 364,271	811 527,843	23,615	23,153	92	70	9 087	937,228	3 270,843	3,490	3,027
43	21	96 765	33 464,991	777 163,572	23,223	22,761	93	71	7 028	707,179	2 333,616	3,300	2,837
44	22	96 558	32 578,942	743 698,581	22,828	22,365	94	72	5 310	521,303	1 626,437	3,120	2,658
45	23	96 330	31 709,405	711 119,639	22,426	21,964	95	73	3 906	374,076	1 105,134	2,954	2,492
46	24	96 076	30 854,413	679 410,234	22,020	21,557	96	74	2 794	261,019	731,057	2,801	2,338
47	25	95 790	30 012,128	648 555,820	21,610	21,147	97	75	1 940	176,843	470,038	2,658	2,196
48	26	95 472	29 183,048	618 543,693	21,195	20,733	98	76	1 305	116,061	293,195	2,526	2,064
49	27	95 109	28 363,142	589 360,645	20,779	20,317	99	77	849	73,677	177,135	2,404	1,942
							100	78	533	45,155	103,457	2,291	1,829

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	27 563,569	561 802,305	20,382	19,920
1							51	28	94 310	26 769,498	534 238,736	19,957	19,495
2							52	29	93 833	25 984,446	507 469,239	19,530	19,067
3							53	30	93 313	25 210,351	481 484,793	19,099	18,636
4							54	31	92 753	24 447,640	456 274,441	18,663	18,201
5							55	32	92 128	23 690,787	431 826,801	18,228	17,765
6							56	33	91 461	22 945,569	408 136,014	17,787	17,325
7							57	34	90 747	22 211,126	385 190,445	17,342	16,880
8							58	35	89 987	21 488,083	362 979,319	16,892	16,430
9							59	36	89 154	20 769,754	341 491,236	16,442	15,979
10							60	37	88 257	20 059,345	320 721,482	15,989	15,526
11							61	38	87 275	19 352,391	300 662,137	15,536	15,074
12							62	39	86 243	18 657,119	281 309,746	15,078	14,615
13							63	40	85 123	17 965,648	262 652,627	14,620	14,157
14							64	41	83 945	17 284,933	244 686,979	14,156	13,694
15							65	42	82 670	16 607,165	227 402,047	13,693	13,231
16							66	43	81 304	15 934,494	210 794,881	13,229	12,766
17							67	44	79 865	15 270,558	194 860,388	12,761	12,298
18							68	45	78 336	14 612,981	179 589,830	12,290	11,827
19							69	46	76 693	13 957,488	164 976,849	11,820	11,358
20							70	47	74 918	13 302,037	151 019,360	11,353	10,891
21							71	48	73 024	12 649,479	137 717,323	10,887	10,425
22							72	49	71 006	11 999,866	125 067,844	10,422	9,960
23	0	99 043	56 127,119	1 665 994,317	29,683	29,220	73	50	68 796	11 342,831	113 067,978	9,968	9,506
24	1	98 671	54 552,898	1 609 867,198	29,510	29,048	74	51	66 435	10 686,388	101 725,147	9,519	9,057
25	2	98 586	53 176,553	1 555 314,300	29,248	28,786	75	52	63 878	10 024,396	91 038,759	9,082	8,619
26	3	98 512	51 840,458	1 502 137,747	28,976	28,514	76	53	61 170	9 365,424	81 014,364	8,650	8,188
27	4	98 438	50 537,921	1 450 297,290	28,697	28,235	77	54	58 291	8 706,947	71 648,939	8,229	7,767
28	5	98 364	49 268,177	1 399 759,368	28,411	27,949	78	55	55 218	8 046,699	62 941,992	7,822	7,360
29	6	98 294	48 032,382	1 350 491,192	28,116	27,654	79	56	51 958	7 387,007	54 895,293	7,431	6,969
30	7	98 223	46 826,958	1 302 458,809	27,814	27,352	80	57	48 625	6 744,542	47 508,286	7,044	6,582
31	8	98 149	45 650,675	1 255 631,851	27,505	27,043	81	58	45 136	6 107,922	40 763,744	6,674	6,211
32	9	98 070	44 501,467	1 209 981,177	27,190	26,727	82	59	41 567	5 487,697	34 655,822	6,315	5,853
33	10	97 991	43 380,899	1 165 479,710	26,866	26,404	83	60	37 962	4 889,530	29 168,125	5,965	5,503
34	11	97 912	42 288,684	1 122 098,811	26,534	26,072	84	61	34 345	4 315,810	24 278,595	5,626	5,163
35	12	97 825	41 220,644	1 079 810,127	26,196	25,733	85	62	30 725	3 766,774	19 962,786	5,300	4,837
36	13	97 733	40 177,376	1 038 589,483	25,850	25,388	86	63	27 089	3 239,922	16 196,012	4,999	4,536
37	14	97 634	39 157,831	998 412,108	25,497	25,035	87	64	23 528	2 745,362	12 956,091	4,719	4,257
38	15	97 526	38 160,306	959 254,276	25,137	24,675	88	65	20 044	2 281,850	10 210,728	4,475	4,012
39	16	97 407	37 184,442	921 093,970	24,771	24,309	89	66	16 889	1 875,755	7 928,878	4,227	3,765
40	17	97 277	36 229,095	883 909,528	24,398	23,935	90	67	13 997	1 516,698	6 053,124	3,991	3,529
41	18	97 128	35 291,073	847 680,433	24,020	23,557	91	68	11 515	1 217,337	4 536,426	3,727	3,264
42	19	96 962	34 371,662	812 389,360	23,635	23,173	92	69	9 188	947,621	3 319,089	3,503	3,040
43	20	96 785	33 472,053	778 017,698	23,244	22,781	93	70	7 113	715,731	2 371,468	3,313	2,851
44	21	96 579	32 585,985	744 545,644	22,849	22,386	94	71	5 382	528,353	1 655,738	3,134	2,671
45	22	96 352	31 716,694	711 959,659	22,447	21,985	95	72	3 967	379,956	1 127,385	2,967	2,505
46	23	96 098	30 861,433	680 242,966	22,042	21,579	96	73	2 843	265,624	747,429	2,814	2,351
47	24	95 811	30 018,953	649 381,533	21,632	21,170	97	74	1 978	180,327	481,805	2,672	2,209
48	25	95 493	29 189,553	619 362,580	21,219	20,756	98	75	1 335	118,706	301,477	2,540	2,077
49	26	95 135	28 370,722	590 173,027	20,802	20,340	99	76	871	75,594	182,772	2,418	1,955
							100	77	549	46,501	107,178	2,305	1,842

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 2,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	27 570,935	562 540,272	20,403	19,941
1							51	27	94 334	26 776,409	534 969,337	19,979	19,517
2							52	28	93 857	25 991,197	508 192,928	19,553	19,090
3							53	29	93 339	25 217,346	482 201,731	19,122	18,659
4							54	30	92 778	24 454,352	456 984,385	18,687	18,225
5							55	31	92 158	23 698,514	432 530,034	18,251	17,789
6							56	32	91 493	22 953,518	408 831,520	17,811	17,349
7							57	33	90 780	22 219,165	385 878,002	17,367	16,904
8							58	34	90 024	21 496,807	363 658,837	16,917	16,454
9							59	35	89 192	20 778,609	342 162,030	16,467	16,005
10							60	36	88 298	20 068,704	321 383,421	16,014	15,552
11							61	37	87 321	19 362,589	301 314,718	15,562	15,099
12							62	38	86 294	18 668,125	281 952,128	15,103	14,641
13							63	39	85 183	17 978,291	263 284,003	14,645	14,182
14							64	40	84 005	17 297,262	245 305,712	14,182	13,719
15							65	41	82 739	16 620,977	228 008,450	13,718	13,256
16							66	42	81 381	15 949,581	211 387,473	13,253	12,791
17							67	43	79 949	15 286,694	195 437,892	12,785	12,322
18							68	44	78 425	14 629,525	180 151,199	12,314	11,852
19							69	45	76 797	13 976,392	165 521,674	11,843	11,381
20							70	46	75 035	13 322,699	151 545,282	11,375	10,913
21							71	47	73 151	12 671,470	138 222,582	10,908	10,446
22							72	48	71 138	12 022,143	125 551,112	10,443	9,981
23							73	49	68 940	11 366,610	113 528,970	9,988	9,526
24	0	98 988	54 728,006	1 610 925,071	29,435	28,973	74	50	66 591	10 711,415	102 162,360	9,538	9,075
25	1	98 614	53 191,677	1 556 197,064	29,256	28,794	75	51	64 037	10 049,427	91 450,945	9,100	8,638
26	2	98 528	51 848,817	1 503 005,387	28,988	28,526	76	52	61 340	9 391,447	81 401,518	8,668	8,205
27	3	98 452	50 545,169	1 451 156,570	28,710	28,248	77	53	58 469	8 733,490	72 010,071	8,245	7,783
28	4	98 375	49 274,082	1 400 611,402	28,425	27,962	78	54	55 394	8 072,419	63 276,582	7,839	7,376
29	5	98 303	48 036,728	1 351 337,319	28,131	27,669	79	55	52 146	7 413,678	55 204,163	7,446	6,984
30	6	98 231	46 830,713	1 303 300,592	27,830	27,368	80	56	48 810	6 770,221	47 790,485	7,059	6,597
31	7	98 157	45 654,489	1 256 469,879	27,521	27,059	81	57	45 323	6 133,229	41 020,264	6,688	6,226
32	8	98 077	44 504,231	1 210 815,391	27,207	26,744	82	58	41 757	5 512,833	34 887,035	6,328	5,866
33	9	97 997	43 383,653	1 166 311,159	26,884	26,421	83	59	38 144	4 913,006	29 374,201	5,979	5,516
34	10	97 920	42 292,091	1 122 927,507	26,552	26,089	84	60	34 534	4 339,538	24 461,195	5,637	5,174
35	11	97 833	41 223,918	1 080 635,416	26,214	25,751	85	61	30 901	3 788,312	20 121,658	5,312	4,849
36	12	97 740	40 180,456	1 039 411,497	25,869	25,406	86	62	27 260	3 260,380	16 333,346	5,010	4,547
37	13	97 644	39 161,684	999 231,042	25,516	25,053	87	63	23 685	2 763,793	13 072,966	4,730	4,268
38	14	97 538	38 165,031	960 069,358	25,156	24,693	88	64	20 189	2 298,389	10 309,173	4,485	4,023
39	15	97 421	37 189,484	921 904,328	24,789	24,327	89	65	17 021	1 890,391	8 010,784	4,238	3,775
40	16	97 293	36 234,920	884 714,844	24,416	23,954	90	66	14 113	1 529,268	6 120,393	4,002	3,540
41	17	97 145	35 297,269	848 479,924	24,038	23,576	91	67	11 620	1 228,417	4 591,125	3,737	3,275
42	18	96 983	34 379,172	813 182,655	23,653	23,191	92	68	9 279	956,995	3 362,709	3,514	3,051
43	19	96 806	33 479,253	778 803,482	23,262	22,800	93	69	7 192	723,668	2 405,714	3,324	2,862
44	20	96 599	32 592,862	745 324,229	22,868	22,405	94	70	5 447	534,742	1 682,046	3,146	2,683
45	21	96 373	31 723,551	712 731,367	22,467	22,005	95	71	4 021	385,094	1 147,304	2,979	2,517
46	22	96 120	30 868,526	681 007,817	22,062	21,599	96	72	2 888	269,799	762,210	2,825	2,363
47	23	95 833	30 025,782	650 139,290	21,653	21,190	97	73	2 013	183,508	492,411	2,683	2,221
48	24	95 515	29 196,191	620 113,508	21,240	20,777	98	74	1 361	121,045	308,902	2,552	2,090
49	25	95 156	28 377,046	590 917,318	20,824	20,361	99	75	891	77,316	187,857	2,430	1,967
							100	76	564	47,710	110,541	2,317	1,855

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 2,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	27 577,080	563 216,172	20,423	19,961
1							51	26	94 359	26 783,565	535 639,092	19,999	19,536
2							52	27	93 881	25 997,908	508 855,527	19,573	19,111
3							53	28	93 363	25 223,897	482 857,619	19,143	18,680
4							54	29	92 804	24 461,136	457 633,722	18,709	18,246
5							55	30	92 183	23 705,019	433 172,586	18,273	17,811
6							56	31	91 522	22 961,004	409 467,567	17,833	17,371
7							57	32	90 811	22 226,863	386 506,563	17,389	16,927
8							58	33	90 057	21 504,587	364 279,700	16,940	16,477
9							59	34	89 228	20 787,045	342 775,113	16,490	16,027
10							60	35	88 336	20 077,260	321 988,068	16,037	15,575
11							61	36	87 362	19 371,622	301 910,808	15,585	15,123
12							62	37	86 339	18 677,963	282 539,186	15,127	14,664
13							63	38	85 233	17 988,897	263 861,223	14,668	14,206
14							64	39	84 064	17 309,435	245 872,326	14,205	13,742
15							65	40	82 798	16 632,833	228 562,891	13,742	13,279
16							66	41	81 449	15 962,846	211 930,059	13,276	12,814
17							67	42	80 025	15 301,168	195 967,213	12,807	12,345
18							68	43	78 508	14 644,983	180 666,045	12,336	11,874
19							69	44	76 884	13 992,215	166 021,062	11,865	11,403
20							70	45	75 136	13 340,744	152 028,847	11,396	10,933
21							71	46	73 265	12 691,153	138 688,103	10,928	10,466
22							72	47	71 261	12 043,042	125 996,950	10,462	10,000
23							73	48	69 068	11 387,711	113 953,908	10,007	9,544
24							74	49	66 730	10 733,871	102 566,197	9,555	9,093
25	0	98 931	53 362,416	1 557 178,608	29,181	28,719	75	50	64 187	10 072,962	91 832,326	9,117	8,654
26	1	98 556	51 863,563	1 503 816,192	28,996	28,533	76	51	61 494	9 414,897	81 759,364	8,684	8,222
27	2	98 468	50 553,319	1 451 952,629	28,721	28,259	77	52	58 631	8 757,756	72 344,467	8,261	7,798
28	3	98 390	49 281,148	1 401 399,310	28,437	27,974	78	53	55 563	8 097,028	63 586,711	7,853	7,391
29	4	98 314	48 042,485	1 352 118,161	28,144	27,682	79	54	52 312	7 437,374	55 489,684	7,461	6,999
30	5	98 239	46 834,949	1 304 075,676	27,844	27,382	80	55	48 987	6 794,665	48 052,309	7,072	6,610
31	6	98 165	45 658,149	1 257 240,727	27,536	27,074	81	56	45 496	6 156,581	41 257,644	6,701	6,239
32	7	98 085	44 507,949	1 211 582,577	27,222	26,759	82	57	41 930	5 535,675	35 101,064	6,341	5,878
33	8	98 003	43 386,348	1 167 074,628	26,900	26,437	83	58	38 319	4 935,510	29 565,389	5,990	5,528
34	9	97 926	42 294,776	1 123 688,280	26,568	26,106	84	59	34 700	4 360,373	24 629,878	5,649	5,186
35	10	97 841	41 227,239	1 081 393,504	26,230	25,768	85	60	31 071	3 809,140	20 269,505	5,321	4,859
36	11	97 748	40 183,647	1 040 166,265	25,885	25,423	86	61	27 416	3 279,022	16 460,366	5,020	4,557
37	12	97 651	39 164,686	999 982,618	25,533	25,070	87	62	23 835	2 781,245	13 181,343	4,739	4,277
38	13	97 547	38 168,785	960 817,932	25,173	24,710	88	63	20 325	2 313,819	10 400,098	4,495	4,032
39	14	97 433	37 194,088	922 649,147	24,806	24,344	89	64	17 144	1 904,093	8 086,280	4,247	3,784
40	15	97 306	36 239,833	885 455,058	24,433	23,971	90	65	14 224	1 541,201	6 182,187	4,011	3,549
41	16	97 160	35 302,944	849 215,226	24,055	23,593	91	66	11 717	1 238,598	4 640,987	3,747	3,285
42	17	97 001	34 385,208	813 912,281	23,670	23,208	92	67	9 364	965,705	3 402,389	3,523	3,061
43	18	96 827	33 486,568	779 527,073	23,279	22,816	93	68	7 263	730,826	2 436,684	3,334	2,872
44	19	96 620	32 599,873	746 040,505	22,885	22,422	94	69	5 508	540,672	1 705,858	3,155	2,693
45	20	96 393	31 730,245	713 440,632	22,485	22,022	95	70	4 070	389,751	1 165,186	2,990	2,527
46	21	96 141	30 875,200	681 710,387	22,080	21,617	96	71	2 927	273,448	775,435	2,836	2,373
47	22	95 855	30 032,684	650 835,187	21,671	21,208	97	72	2 045	186,393	501,987	2,693	2,231
48	23	95 537	29 202,833	620 802,504	21,258	20,796	98	73	1 385	123,180	315,594	2,562	2,100
49	24	95 178	28 383,499	591 599,671	20,843	20,381	99	74	909	78,840	192,414	2,441	1,978
							100	75	576	48,798	113,574	2,327	1,865

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 160 975,746	31,610	31,147	50	50	93 003	23 955,539	434 012,397	18,117	17,655
1	1	99 275	96 618,148	3 060 975,746	31,681	31,218	51	51	92 389	23 160,556	410 056,858	17,705	17,242
2	2	99 212	93 972,065	2 964 357,598	31,545	31,082	52	52	91 717	22 376,594	386 896,302	17,290	16,827
3	3	99 177	91 424,652	2 870 385,533	31,396	30,933	53	53	90 982	21 603,141	364 519,708	16,873	16,411
4	4	99 147	88 951,572	2 778 960,881	31,241	30,778	54	54	90 185	20 840,795	342 916,567	16,454	15,991
5	5	99 121	86 548,025	2 690 009,309	31,081	30,618	55	55	89 321	20 088,825	322 075,773	16,033	15,570
6	6	99 101	84 214,290	2 603 461,283	30,915	30,452	56	56	88 386	19 346,443	301 986,948	15,609	15,147
7	7	99 082	81 945,168	2 519 246,993	30,743	30,280	57	57	87 395	18 617,515	282 640,504	15,181	14,719
8	8	99 064	79 737,614	2 437 301,825	30,567	30,104	58	58	86 341	17 900,757	264 022,990	14,749	14,286
9	9	99 049	77 591,236	2 357 564,211	30,384	29,922	59	59	85 187	17 188,876	246 122,233	14,319	13,856
10	10	99 034	75 503,309	2 279 972,975	30,197	29,734	60	60	83 967	16 489,113	228 933,357	13,884	13,421
11	11	99 017	73 470,050	2 204 469,666	30,005	29,542	61	61	82 622	15 790,825	212 444,244	13,454	12,991
12	12	99 000	71 491,067	2 130 999,616	29,808	29,345	62	62	81 229	15 109,035	196 653,420	13,016	12,553
13	13	98 982	69 565,073	2 059 508,549	29,605	29,143	63	63	79 727	14 432,743	181 544,385	12,579	12,116
14	14	98 963	67 690,647	1 989 943,477	29,398	28,935	64	64	78 155	13 769,544	167 111,642	12,136	11,674
15	15	98 935	65 859,956	1 922 252,830	29,187	28,724	65	65	76 477	13 113,362	153 342,098	11,694	11,231
16	16	98 902	64 075,791	1 856 392,874	28,972	28,509	66	66	74 702	12 466,205	140 228,737	11,249	10,786
17	17	98 856	62 332,353	1 792 317,083	28,754	28,291	67	67	72 853	11 832,242	127 762,531	10,798	10,335
18	18	98 805	60 632,732	1 729 984,730	28,532	28,069	68	68	70 895	11 205,970	115 930,289	10,345	9,883
19	19	98 729	58 964,282	1 669 351,998	28,311	27,848	69	69	68 821	10 586,997	104 724,319	9,892	9,429
20	20	98 654	57 342,534	1 610 387,716	28,084	27,621	70	70	66 595	9 970,347	94 137,322	9,442	8,979
21	21	98 574	55 762,712	1 553 045,182	27,851	27,388	71	71	64 247	9 361,401	84 166,975	8,991	8,528
22	22	98 497	54 227,952	1 497 282,470	27,611	27,148	72	72	61 752	8 757,060	74 805,574	8,542	8,079
23	23	98 419	52 734,779	1 443 054,519	27,364	26,902	73	73	59 028	8 146,698	66 048,514	8,107	7,645
24	24	98 342	51 283,452	1 390 319,739	27,110	26,648	74	74	56 145	7 541,441	57 901,816	7,678	7,215
25	25	98 263	49 870,807	1 339 036,287	26,850	26,387	75	75	53 072	6 937,967	50 360,375	7,259	6,796
26	26	98 183	48 496,490	1 289 165,480	26,583	26,120	76	76	49 829	6 339,610	43 422,408	6,849	6,387
27	27	98 097	47 157,104	1 240 668,990	26,309	25,846	77	77	46 421	5 747,972	37 082,797	6,451	5,989
28	28	98 010	45 854,104	1 193 511,886	26,028	25,566	78	78	42 837	5 162,192	31 334,825	6,070	5,607
29	29	97 924	44 587,626	1 147 657,783	25,739	25,277	79	79	39 108	4 586,725	26 172,633	5,706	5,243
30	30	97 833	43 354,337	1 103 070,157	25,443	24,980	80	80	35 359	4 036,054	21 585,908	5,348	4,885
31	31	97 742	42 154,401	1 059 715,819	25,139	24,676	81	81	31 529	3 502,501	17 549,854	5,011	4,548
32	32	97 637	40 982,405	1 017 561,418	24,829	24,366	82	82	27 725	2 997,476	14 047,353	4,686	4,224
33	33	97 531	39 841,972	976 579,013	24,511	24,048	83	83	23 995	2 524,803	11 049,877	4,377	3,914
34	34	97 425	38 733,463	936 737,041	24,184	23,721	84	84	20 410	2 090,146	8 525,074	4,079	3,616
35	35	97 306	37 651,057	898 003,578	23,851	23,388	85	85	17 005	1 694,805	6 434,929	3,797	3,334
36	36	97 181	36 596,047	860 352,521	23,509	23,047	86	86	13 800	1 338,570	4 740,124	3,541	3,078
37	37	97 047	35 567,508	823 756,474	23,160	22,698	87	87	10 900	1 028,990	3 401,554	3,306	2,843
38	38	96 900	34 563,177	788 188,966	22,804	22,341	88	88	8 281	760,827	2 372,564	3,118	2,656
39	39	96 738	33 582,101	753 625,789	22,441	21,978	89	89	6 150	549,884	1 611,737	2,931	2,468
40	40	96 557	32 621,987	720 043,688	22,072	21,610	90	90	4 421	384,712	1 061,852	2,760	2,297
41	41	96 357	31 683,007	687 421,702	21,697	21,234	91	91	3 126	264,767	677,140	2,557	2,095
42	42	96 134	30 763,655	655 738,695	21,315	20,853	92	92	2 083	171,686	412,372	2,402	1,939
43	43	95 888	29 863,739	624 975,040	20,928	20,465	93	93	1 322	106,075	240,686	2,269	1,806
44	44	95 602	28 977,952	595 111,301	20,537	20,074	94	94	803	62,703	134,612	2,147	1,684
45	45	95 291	28 110,546	566 133,348	20,140	19,677	95	95	465	35,314	71,909	2,036	1,573
46	46	94 933	27 255,333	538 022,802	19,740	19,277	96	96	256	18,900	36,595	1,936	1,473
47	47	94 524	26 411,781	510 767,469	19,339	18,876	97	97	133	9,587	17,695	1,846	1,383
48	48	94 068	25 580,913	484 355,688	18,934	18,471	98	98	66	4,597	8,108	1,764	1,301
49	49	93 563	24 762,378	458 774,775	18,527	18,064	99	99	30	2,078	3,511	1,690	1,227
							100	100	13	0,883	1,433	1,623	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	3 155 029,650	31,652	31,189	50	51	92 786	23 899,568	429 227,576	17,960	17,497
1	2	99 247	96 590,676	3 055 349,612	31,632	31,169	51	52	92 159	23 102,868	405 328,008	17,544	17,082
2	3	99 196	93 956,915	2 958 758,936	31,491	31,028	52	53	91 463	22 314,592	382 225,140	17,129	16,666
3	4	99 162	91 411,543	2 864 802,021	31,340	30,877	53	54	90 705	21 537,485	359 910,548	16,711	16,248
4	5	99 135	88 940,912	2 773 390,478	31,182	30,720	54	55	89 897	20 774,393	338 373,063	16,288	15,825
5	6	99 112	86 540,196	2 684 449,566	31,020	30,557	55	56	89 000	20 016,555	317 598,670	15,867	15,404
6	7	99 093	84 207,538	2 597 909,370	30,851	30,388	56	57	88 051	19 273,064	297 582,115	15,440	14,977
7	8	99 074	81 938,322	2 513 701,832	30,678	30,215	57	58	87 034	18 540,694	278 309,051	15,011	14,548
8	9	99 058	79 732,661	2 431 763,509	30,499	30,036	58	59	85 947	17 819,136	259 768,357	14,578	14,115
9	10	99 042	77 586,310	2 352 030,849	30,315	29,852	59	60	84 780	17 106,741	241 949,221	14,144	13,681
10	11	99 026	75 497,227	2 274 444,538	30,126	29,663	60	61	83 508	16 398,952	224 842,480	13,711	13,248
11	12	99 009	73 464,215	2 198 947,312	29,932	29,469	61	62	82 152	15 701,046	208 443,528	13,276	12,813
12	13	98 992	71 485,587	2 125 483,097	29,733	29,270	62	63	80 719	15 014,229	192 742,481	12,837	12,374
13	14	98 972	69 558,229	2 053 997,510	29,529	29,066	63	64	79 195	14 336,496	177 728,253	12,397	11,934
14	15	98 951	67 682,267	1 984 439,281	29,320	28,857	64	65	77 593	13 670,461	163 391,756	11,952	11,489
15	16	98 921	65 851,028	1 916 757,014	29,107	28,645	65	66	75 885	13 011,832	149 721,296	11,507	11,044
16	17	98 886	64 065,490	1 850 905,986	28,891	28,428	66	67	74 088	12 363,736	136 709,463	11,057	10,594
17	18	98 839	62 321,411	1 786 840,496	28,671	28,209	67	68	72 196	11 725,520	124 345,727	10,605	10,142
18	19	98 784	60 619,488	1 724 519,084	28,448	27,985	68	69	70 200	11 096,206	112 620,208	10,149	9,687
19	20	98 708	58 951,601	1 663 899,597	28,225	27,762	69	70	68 066	10 470,883	101 524,002	9,696	9,233
20	21	98 633	57 330,436	1 604 947,996	27,995	27,532	70	71	65 799	9 851,219	91 053,119	9,243	8,780
21	22	98 553	55 750,659	1 547 617,560	27,760	27,297	71	72	63 389	9 236,492	81 201,900	8,791	8,329
22	23	98 474	54 215,490	1 491 866,901	27,517	27,055	72	73	60 796	8 621,543	71 965,408	8,347	7,884
23	24	98 397	52 722,784	1 437 651,411	27,268	26,805	73	74	58 004	8 005,472	63 343,865	7,913	7,450
24	25	98 320	51 271,793	1 384 928,626	27,012	26,549	74	75	55 060	7 395,710	55 338,393	7,482	7,020
25	26	98 242	49 859,694	1 333 656,834	26,748	26,285	75	76	51 890	6 783,381	47 942,683	7,068	6,605
26	27	98 157	48 483,534	1 283 797,140	26,479	26,016	76	77	48 566	6 178,916	41 159,302	6,661	6,198
27	28	98 072	47 144,931	1 235 313,606	26,202	25,740	77	78	45 077	5 581,544	34 980,386	6,267	5,804
28	29	97 984	45 842,194	1 188 168,675	25,919	25,456	78	79	41 412	4 990,508	29 398,843	5,891	5,428
29	30	97 896	44 575,259	1 142 326,481	25,627	25,164	79	80	37 640	4 414,490	24 408,335	5,529	5,066
30	31	97 807	43 342,439	1 097 751,222	25,327	24,865	80	81	33 826	3 860,997	19 993,845	5,178	4,716
31	32	97 710	42 140,657	1 054 408,783	25,021	24,558	81	82	29 968	3 329,142	16 132,847	4,846	4,383
32	33	97 604	40 968,211	1 012 268,126	24,709	24,246	82	83	26 148	2 827,016	12 803,705	4,529	4,066
33	34	97 495	39 827,558	971 299,914	24,388	23,925	83	84	22 436	2 360,794	9 976,689	4,226	3,763
34	35	97 385	38 717,744	931 472,357	24,058	23,595	84	85	18 900	1 935,504	7 615,895	3,935	3,472
35	36	97 265	37 635,012	892 754,613	23,721	23,259	85	86	15 555	1 550,246	5 680,391	3,664	3,201
36	37	97 135	36 578,982	855 119,601	23,377	22,915	86	87	12 466	1 209,199	4 130,145	3,416	2,953
37	38	96 996	35 548,774	818 540,619	23,026	22,563	87	88	9 650	911,004	2 920,946	3,206	2,743
38	39	96 843	34 542,799	782 991,845	22,667	22,204	88	89	7 242	665,372	2 009,942	3,021	2,558
39	40	96 670	33 558,484	748 449,045	22,303	21,840	89	90	5 290	473,028	1 344,569	2,842	2,380
40	41	96 488	32 598,734	714 890,561	21,930	21,467	90	91	3 766	327,699	871,541	2,660	2,197
41	42	96 277	31 656,679	682 291,827	21,553	21,090	91	92	2 585	218,924	543,842	2,484	2,021
42	43	96 043	30 734,554	650 635,148	21,169	20,707	92	93	1 689	139,240	324,918	2,334	1,871
43	44	95 786	29 832,216	619 900,594	20,780	20,317	93	94	1 049	84,130	185,677	2,207	1,744
44	45	95 494	28 945,184	590 068,377	20,386	19,923	94	95	622	48,570	101,548	2,091	1,628
45	46	95 162	28 072,524	561 123,194	19,988	19,526	95	96	351	26,682	52,978	1,986	1,523
46	47	94 785	27 213,062	533 050,670	19,588	19,125	96	97	188	13,911	26,296	1,890	1,428
47	48	94 360	26 365,946	505 837,607	19,185	18,722	97	98	95	6,865	12,385	1,804	1,341
48	49	93 894	25 533,513	479 471,661	18,778	18,315	98	99	46	3,198	5,521	1,726	1,263
49	50	93 367	24 710,573	453 938,148	18,370	17,907	99	100	21	1,403	2,323	1,656	1,193



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	3 148 970,737	31,600	31,137	50	52	92 555	23 840,039	424 092,098	17,789	17,326
1	3	99 231	96 575,104	3 049 319,041	31,575	31,112	51	53	91 904	23 038,854	400 252,059	17,373	16,910
2	4	99 181	93 943,443	2 952 743,937	31,431	30,968	52	54	91 185	22 246,774	377 213,205	16,956	16,493
3	5	99 150	91 400,587	2 858 800,494	31,278	30,815	53	55	90 416	21 468,863	354 966,431	16,534	16,071
4	6	99 126	88 932,866	2 767 399,906	31,118	30,655	54	56	89 574	20 699,656	333 497,568	16,111	15,648
5	7	99 104	86 533,258	2 678 467,040	30,953	30,490	55	57	88 662	19 940,634	312 797,912	15,686	15,224
6	8	99 084	84 200,503	2 591 933,783	30,783	30,320	56	58	87 687	19 193,538	292 857,277	15,258	14,795
7	9	99 068	81 933,233	2 507 733,280	30,607	30,144	57	59	86 637	18 456,155	273 663,739	14,828	14,365
8	10	99 052	79 727,599	2 425 800,047	30,426	29,963	58	60	85 537	17 733,990	255 207,584	14,391	13,928
9	11	99 035	77 580,060	2 346 072,447	30,241	29,778	59	61	84 317	17 013,204	237 473,595	13,958	13,495
10	12	99 018	75 491,230	2 268 492,387	30,050	29,587	60	62	83 033	16 305,717	220 460,391	13,520	13,058
11	13	99 002	73 458,583	2 193 001,157	29,854	29,391	61	63	81 637	15 602,526	204 154,675	13,085	12,622
12	14	98 982	71 478,555	2 119 542,574	29,653	29,190	62	64	80 181	14 914,104	188 552,149	12,643	12,180
13	15	98 960	69 549,618	2 048 064,019	29,448	28,985	63	65	78 625	14 233,334	173 638,045	12,199	11,737
14	16	98 938	67 673,092	1 978 514,400	29,236	28,774	64	66	76 992	13 564,618	159 404,711	11,752	11,289
15	17	98 905	65 840,442	1 910 841,308	29,022	28,559	65	67	75 262	12 904,878	145 840,093	11,301	10,838
16	18	98 868	64 054,244	1 845 000,867	28,804	28,341	66	68	73 420	12 252,220	132 935,215	10,850	10,387
17	19	98 817	62 307,798	1 780 946,623	28,583	28,120	67	69	71 489	11 610,667	120 682,995	10,394	9,931
18	20	98 762	60 606,451	1 718 638,825	28,357	27,895	68	70	69 430	10 974,506	109 072,328	9,939	9,476
19	21	98 687	58 939,163	1 658 032,374	28,131	27,668	69	71	67 253	10 345,774	98 097,822	9,482	9,019
20	22	98 612	57 318,044	1 599 093,211	27,899	27,436	70	72	64 921	9 719,775	87 752,048	9,028	8,565
21	23	98 530	55 737,848	1 541 775,167	27,661	27,198	71	73	62 408	9 093,556	78 032,273	8,581	8,118
22	24	98 452	54 203,159	1 486 037,319	27,416	26,953	72	74	59 742	8 472,085	68 938,717	8,137	7,674
23	25	98 374	52 710,798	1 431 834,160	27,164	26,701	73	75	56 883	7 850,773	60 466,632	7,702	7,239
24	26	98 298	51 260,367	1 379 123,363	26,904	26,441	74	76	53 833	7 230,925	52 615,859	7,277	6,814
25	27	98 215	49 846,373	1 327 862,995	26,639	26,176	75	77	50 575	6 611,438	45 384,934	6,865	6,402
26	28	98 132	48 471,019	1 278 016,622	26,367	25,904	76	78	47 160	6 000,010	38 773,496	6,462	5,999
27	29	98 046	47 132,686	1 229 545,604	26,087	25,624	77	79	43 578	5 395,912	32 773,486	6,074	5,611
28	30	97 957	45 829,479	1 182 412,918	25,800	25,337	78	80	39 857	4 803,111	27 377,574	5,700	5,237
29	31	97 870	44 563,026	1 136 583,439	25,505	25,042	79	81	36 007	4 223,020	22 574,463	5,346	4,883
30	32	97 775	43 328,308	1 092 020,413	25,203	24,741	80	82	32 151	3 669,894	18 351,443	5,001	4,538
31	33	97 676	42 126,062	1 048 692,104	24,894	24,431	81	83	28 264	3 139,821	14 681,549	4,676	4,213
32	34	97 568	40 953,389	1 006 566,042	24,578	24,116	82	84	24 449	2 643,376	11 541,728	4,366	3,903
33	35	97 456	39 811,395	965 612,653	24,255	23,792	83	85	20 776	2 186,129	8 898,352	4,070	3,608
34	36	97 344	38 701,244	925 801,258	23,922	23,459	84	86	17 288	1 770,415	6 712,223	3,791	3,329
35	37	97 220	37 617,462	887 100,014	23,582	23,119	85	87	14 051	1 400,417	4 941,809	3,529	3,066
36	38	97 084	36 559,716	849 482,552	23,235	22,773	86	88	11 037	1 070,551	3 541,392	3,308	2,845
37	39	96 938	35 527,816	812 922,836	22,881	22,418	87	89	8 440	796,708	2 470,841	3,101	2,638
38	40	96 775	34 518,507	777 395,020	22,521	22,058	88	90	6 230	572,374	1 674,134	2,925	2,462
39	41	96 602	33 534,564	742 876,513	22,153	21,690	89	91	4 506	402,927	1 101,759	2,734	2,272
40	42	96 408	32 571,645	709 341,949	21,778	21,315	90	92	3 114	270,960	698,833	2,579	2,116
41	43	96 185	31 626,733	676 770,304	21,399	20,936	91	93	2 096	177,551	427,873	2,410	1,947
42	44	95 941	30 702,113	645 143,571	21,013	20,550	92	94	1 340	110,434	250,321	2,267	1,804
43	45	95 678	29 798,481	614 441,458	20,620	20,157	93	95	812	65,167	139,887	2,147	1,684
44	46	95 365	28 906,033	584 642,977	20,226	19,763	94	96	470	36,697	74,720	2,036	1,573
45	47	95 014	28 028,986	555 736,944	19,827	19,364	95	97	258	19,638	38,023	1,936	1,473
46	48	94 621	27 165,836	527 707,957	19,425	18,963	96	98	135	9,961	18,385	1,846	1,383
47	49	94 185	26 317,091	500 542,121	19,020	18,557	97	99	66	4,776	8,424	1,764	1,301
48	50	93 698	25 480,095	474 225,030	18,612	18,149	98	100	31	2,159	3,648	1,690	1,227
49	51	93 149	24 652,838	448 744,935	18,203	17,740							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	3 142 488,132	31,540	31,077	50	53	92 298	23 773,982	418 591,928	17,607	17,144
1	4	99 217	96 561,257	3 042 852,501	31,512	31,049	51	54	91 625	22 968,834	394 817,946	17,189	16,726
2	5	99 169	93 932,184	2 946 291,244	31,366	30,903	52	55	90 894	22 175,892	371 849,112	16,768	16,305
3	6	99 141	91 392,319	2 852 359,060	31,210	30,747	53	56	90 091	21 391,628	349 673,219	16,346	15,883
4	7	99 119	88 925,736	2 760 966,741	31,048	30,585	54	57	89 234	20 621,145	328 281,591	15,920	15,457
5	8	99 096	86 526,028	2 672 041,005	30,881	30,419	55	58	88 297	19 858,354	307 660,446	15,493	15,030
6	9	99 078	84 195,273	2 585 514,977	30,709	30,246	56	59	87 288	19 106,023	287 802,093	15,063	14,601
7	10	99 062	81 928,031	2 501 319,704	30,531	30,068	57	60	86 223	18 367,965	268 696,070	14,629	14,166
8	11	99 044	79 721,176	2 419 391,672	30,348	29,885	58	61	85 069	17 637,022	250 328,105	14,193	13,731
9	12	99 027	77 573,899	2 339 670,496	30,161	29,698	59	62	83 837	16 916,476	232 691,083	13,755	13,292
10	13	99 011	75 485,444	2 262 096,597	29,967	29,504	60	63	82 512	16 203,402	215 774,608	13,317	12,854
11	14	98 992	73 451,357	2 186 611,153	29,770	29,307	61	64	81 093	15 498,478	199 571,206	12,877	12,414
12	15	98 970	71 469,706	2 113 159,796	29,567	29,104	62	65	79 604	14 806,785	184 072,727	12,432	11,969
13	16	98 946	69 540,190	2 041 690,090	29,360	28,897	63	66	78 016	14 123,133	169 265,942	11,985	11,522
14	17	98 922	67 662,213	1 972 149,900	29,147	28,684	64	67	76 359	13 453,120	155 142,809	11,532	11,069
15	18	98 888	65 828,884	1 904 487,687	28,931	28,468	65	68	74 583	12 788,481	141 689,689	11,079	10,617
16	19	98 847	64 040,252	1 838 658,803	28,711	28,248	66	69	72 701	12 132,207	128 901,208	10,625	10,162
17	20	98 796	62 294,399	1 774 618,551	28,488	28,025	67	70	70 705	11 483,325	116 769,001	10,169	9,706
18	21	98 742	60 593,664	1 712 324,152	28,259	27,796	68	71	68 601	10 843,381	105 285,676	9,710	9,247
19	22	98 665	58 926,423	1 651 730,489	28,030	27,568	69	72	66 355	10 207,731	94 442,295	9,252	8,789
20	23	98 589	57 304,872	1 592 804,065	27,795	27,332	70	73	63 916	9 569,360	84 234,565	8,803	8,340
21	24	98 508	55 725,170	1 535 499,193	27,555	27,092	71	74	61 327	8 935,916	74 665,205	8,356	7,893
22	25	98 430	54 190,835	1 479 774,023	27,307	26,844	72	75	58 588	8 308,370	65 729,290	7,911	7,448
23	26	98 352	52 699,051	1 425 583,187	27,051	26,589	73	76	55 616	7 675,849	57 420,920	7,481	7,018
24	27	98 272	51 246,672	1 372 884,136	26,790	26,327	74	77	52 469	7 047,638	49 745,071	7,058	6,596
25	28	98 190	49 833,506	1 321 637,463	26,521	26,058	75	78	49 110	6 420,009	42 697,433	6,651	6,188
26	29	98 106	48 458,429	1 271 803,957	26,245	25,782	76	79	45 591	5 800,461	36 277,424	6,254	5,791
27	30	98 019	47 119,613	1 223 345,528	25,963	25,500	77	80	41 941	5 193,292	30 476,964	5,869	5,406
28	31	97 930	45 816,901	1 176 225,915	25,672	25,209	78	81	38 128	4 594,785	25 283,671	5,503	5,040
29	32	97 838	44 548,497	1 130 409,013	25,375	24,912	79	82	34 225	4 013,998	20 688,887	5,154	4,691
30	33	97 741	43 313,302	1 085 860,516	25,070	24,607	80	83	30 323	3 461,195	16 674,889	4,818	4,355
31	34	97 641	42 110,821	1 042 547,214	24,757	24,294	81	84	26 428	2 935,861	13 213,693	4,501	4,038
32	35	97 529	40 936,770	1 000 436,393	24,439	23,976	82	85	22 641	2 447,803	10 277,832	4,199	3,736
33	36	97 414	39 794,429	959 499,623	24,111	23,649	83	86	19 004	1 999,662	7 830,029	3,916	3,453
34	37	97 298	38 683,197	919 705,194	23,775	23,312	84	87	15 617	1 599,307	5 830,367	3,646	3,183
35	38	97 168	37 597,649	881 021,997	23,433	22,970	85	88	12 440	1 239,843	4 231,060	3,413	2,950
36	39	97 027	36 538,161	843 424,348	23,083	22,621	86	89	9 652	936,237	2 991,217	3,195	2,732
37	40	96 870	35 502,831	806 886,187	22,727	22,265	87	90	7 260	685,353	2 054,980	2,998	2,536
38	41	96 706	34 493,902	771 383,356	22,363	21,900	88	91	5 307	487,550	1 369,627	2,809	2,346
39	42	96 521	33 506,698	736 889,454	21,992	21,529	89	92	3 726	333,162	882,077	2,648	2,185
40	43	96 317	32 540,834	703 382,757	21,615	21,153	90	93	2 525	219,753	548,915	2,498	2,035
41	44	96 084	31 593,350	670 841,923	21,234	20,771	91	94	1 663	140,819	329,161	2,337	1,875
42	45	95 833	30 667,394	639 248,573	20,845	20,382	92	95	1 038	85,543	188,342	2,202	1,739
43	46	95 549	29 758,177	608 581,179	20,451	19,988	93	96	614	49,237	102,799	2,088	1,625
44	47	95 217	28 861,202	578 823,002	20,055	19,593	94	97	346	27,009	53,562	1,983	1,520
45	48	94 850	27 980,344	549 961,799	19,655	19,192	95	98	185	14,062	26,553	1,888	1,425
46	49	94 446	27 115,499	521 981,455	19,250	18,787	96	99	94	6,930	12,491	1,802	1,340
47	50	93 988	26 262,034	494 865,956	18,843	18,381	97	100	45	3,224	5,561	1,725	1,262
48	51	93 479	25 420,562	468 603,922	18,434	17,971							
49	52	92 917	24 591,433	443 183,361	18,022	17,559							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	3 135 550,913	31,475	31,012	50	54	92 018	23 701,729	412 717,233	17,413	16,950
1	5	99 205	96 549,684	3 035 929,568	31,444	30,981	51	55	91 333	22 895,652	389 015,504	16,991	16,528
2	6	99 161	93 923,687	2 939 379,884	31,295	30,833	52	56	90 567	22 096,114	366 119,852	16,569	16,107
3	7	99 133	91 384,992	2 845 456,197	31,137	30,674	53	57	89 749	21 310,492	344 023,738	16,143	15,681
4	8	99 110	88 918,307	2 754 071,205	30,973	30,510	54	58	88 866	20 536,056	322 713,246	15,714	15,252
5	9	99 090	86 520,654	2 665 152,899	30,804	30,341	55	59	87 894	19 767,807	302 177,190	15,286	14,824
6	10	99 072	84 189,928	2 578 632,245	30,629	30,166	56	60	86 871	19 014,727	282 409,384	14,852	14,389
7	11	99 054	81 921,431	2 494 442,317	30,449	29,986	57	61	85 752	18 267,531	263 394,656	14,419	13,956
8	12	99 036	79 714,845	2 412 520,885	30,264	29,802	58	62	84 585	17 536,748	245 127,125	13,978	13,515
9	13	99 019	77 567,952	2 332 806,041	30,074	29,612	59	63	83 311	16 810,328	227 590,378	13,539	13,076
10	14	99 001	75 478,018	2 255 238,088	29,879	29,417	60	64	81 962	16 095,347	210 780,049	13,096	12,633
11	15	98 980	73 442,264	2 179 760,070	29,680	29,217	61	65	80 509	15 386,954	194 684,702	12,653	12,190
12	16	98 957	71 460,018	2 106 317,806	29,475	29,013	62	66	78 988	14 692,145	179 297,748	12,204	11,741
13	17	98 930	69 529,011	2 034 857,788	29,266	28,803	63	67	77 375	14 007,044	164 605,603	11,752	11,289
14	18	98 904	67 650,335	1 965 328,777	29,051	28,588	64	68	75 670	13 331,778	150 598,559	11,296	10,833
15	19	98 866	65 814,505	1 897 678,442	28,834	28,371	65	69	73 852	12 663,216	137 266,781	10,840	10,377
16	20	98 825	64 026,480	1 831 863,937	28,611	28,148	66	70	71 904	11 999,146	124 603,565	10,384	9,922
17	21	98 775	62 281,255	1 767 837,457	28,385	27,922	67	71	69 860	11 346,119	112 604,420	9,924	9,462
18	22	98 720	60 580,567	1 705 556,202	28,154	27,691	68	72	67 685	10 698,698	101 258,300	9,465	9,002
19	23	98 643	58 912,882	1 644 975,636	27,922	27,459	69	73	65 328	10 049,764	90 559,603	9,011	8,548
20	24	98 567	57 291,838	1 586 062,753	27,684	27,221	70	74	62 808	9 403,471	80 509,838	8,562	8,099
21	25	98 485	55 712,501	1 528 770,915	27,440	26,978	71	75	60 142	8 763,237	71 106,367	8,114	7,651
22	26	98 408	54 178,759	1 473 058,414	27,189	26,726	72	76	57 282	8 123,250	62 343,130	7,675	7,212
23	27	98 326	52 684,973	1 418 879,655	26,931	26,469	73	77	54 206	7 481,284	54 219,880	7,247	6,785
24	28	98 247	51 233,444	1 366 194,683	26,666	26,203	74	78	50 949	6 843,578	46 738,596	6,830	6,367
25	29	98 164	49 820,563	1 314 961,239	26,394	25,931	75	79	47 477	6 206,491	39 895,018	6,428	5,965
26	30	98 079	48 444,989	1 265 140,676	26,115	25,652	76	80	43 879	5 582,650	33 688,527	6,035	5,572
27	31	97 992	47 106,681	1 216 695,687	25,829	25,366	77	81	40 122	4 968,043	28 105,877	5,657	5,195
28	32	97 898	45 801,964	1 169 589,006	25,536	25,073	78	82	36 241	4 367,362	23 137,834	5,298	4,835
29	33	97 804	44 533,068	1 123 787,042	25,235	24,772	79	83	32 279	3 785,731	18 770,472	4,958	4,495
30	34	97 706	43 297,632	1 079 253,973	24,926	24,464	80	84	28 353	3 236,359	14 984,741	4,630	4,167
31	35	97 601	42 093,732	1 035 956,342	24,611	24,148	81	85	24 473	2 718,649	11 748,382	4,321	3,859
32	36	97 487	40 919,324	993 862,610	24,288	23,826	82	86	20 709	2 239,017	9 029,733	4,033	3,570
33	37	97 369	39 775,872	952 943,286	23,958	23,495	83	87	17 167	1 806,398	6 790,716	3,759	3,296
34	38	97 247	38 662,823	913 167,413	23,619	23,156	84	88	13 827	1 415,928	4 984,318	3,520	3,057
35	39	97 111	37 575,483	874 504,591	23,273	22,810	85	89	10 879	1 084,289	3 568,391	3,291	2,828
36	40	96 959	36 512,465	836 929,108	22,922	22,459	86	90	8 303	805,381	2 484,101	3,084	2,622
37	41	96 801	35 477,524	800 416,643	22,561	22,098	87	91	6 184	583,786	1 678,721	2,876	2,413
38	42	96 625	34 465,238	764 939,118	22,195	21,732	88	92	4 388	403,134	1 094,935	2,716	2,253
39	43	96 430	33 475,002	730 473,880	21,821	21,359	89	93	3 022	270,200	691,801	2,560	2,098
40	44	96 215	32 506,486	696 998,878	21,442	20,979	90	94	2 003	174,290	421,601	2,419	1,956
41	45	95 975	31 557,623	664 492,392	21,056	20,594	91	95	1 288	109,080	247,311	2,267	1,804
42	46	95 703	30 625,914	632 934,769	20,667	20,204	92	96	784	64,632	138,231	2,139	1,676
43	47	95 401	29 712,025	602 308,855	20,272	19,809	93	97	452	36,239	73,599	2,031	1,568
44	48	95 052	28 811,116	572 596,830	19,874	19,411	94	98	248	19,340	37,360	1,932	1,469
45	49	94 674	27 928,498	543 785,714	19,471	19,008	95	99	129	9,783	18,020	1,842	1,379
46	50	94 248	27 058,771	515 857,216	19,064	18,602	96	100	63	4,678	8,237	1,761	1,298
47	51	93 769	26 200,673	488 798,445	18,656	18,193							
48	52	93 246	25 357,244	462 597,771	18,243	17,780							
49	53	92 659	24 523,294	437 240,527	17,830	17,367							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	3 128 139,618	31,404	30,941	50	55	91 725	23 626,212	406 459,102	17,204	16,741
1	6	99 196	96 540,950	3 028 530,213	31,370	30,908	51	56	91 004	22 813,284	382 832,891	16,781	16,318
2	7	99 153	93 916,156	2 931 989,263	31,219	30,756	52	57	90 224	22 012,306	360 019,607	16,355	15,893
3	8	99 125	91 377,357	2 838 073,107	31,059	30,596	53	58	89 379	21 222,559	338 007,301	15,927	15,464
4	9	99 104	88 912,784	2 746 695,750	30,892	30,429	54	59	88 461	20 442,419	316 784,742	15,496	15,034
5	10	99 084	86 515,161	2 657 782,966	30,720	30,258	55	60	87 474	19 673,349	296 342,323	15,063	14,600
6	11	99 064	84 183,146	2 571 267,805	30,544	30,081	56	61	86 396	18 910,757	276 668,974	14,630	14,167
7	12	99 046	81 914,925	2 487 084,659	30,362	29,899	57	62	85 264	18 163,672	257 758,217	14,191	13,728
8	13	99 029	79 708,734	2 405 169,734	30,174	29,712	58	63	84 055	17 426,708	239 594,545	13,749	13,286
9	14	99 009	77 560,322	2 325 460,999	29,983	29,520	59	64	82 756	16 698,226	222 167,837	13,305	12,842
10	15	98 989	75 468,674	2 247 900,678	29,786	29,323	60	65	81 372	15 979,528	205 469,610	12,858	12,395
11	16	98 966	73 432,308	2 172 432,003	29,584	29,121	61	66	79 886	15 267,822	189 490,082	12,411	11,948
12	17	98 941	71 448,530	2 098 999,695	29,378	28,915	62	67	78 338	14 571,379	174 222,261	11,956	11,494
13	18	98 913	69 516,806	2 027 551,165	29,166	28,704	63	68	76 677	13 880,706	159 650,882	11,502	11,039
14	19	98 883	67 635,558	1 958 034,359	28,950	28,487	64	69	74 929	13 201,191	145 770,176	11,042	10,579
15	20	98 845	65 800,351	1 890 398,802	28,729	28,266	65	70	73 042	12 524,330	132 568,985	10,585	10,122
16	21	98 805	64 012,971	1 824 598,451	28,504	28,041	66	71	71 045	11 855,777	120 044,655	10,125	9,663
17	22	98 754	62 267,793	1 760 585,479	28,274	27,812	67	72	68 928	11 194,728	108 188,878	9,664	9,201
18	23	98 698	60 566,646	1 698 317,686	28,040	27,578	68	73	66 638	10 533,134	96 994,149	9,208	8,746
19	24	98 620	58 899,482	1 637 751,041	27,806	27,343	69	74	64 196	9 875,548	86 461,016	8,755	8,292
20	25	98 544	57 278,813	1 578 851,558	27,564	27,101	70	75	61 594	9 221,758	76 585,468	8,305	7,842
21	26	98 463	55 700,086	1 521 572,746	27,317	26,854	71	76	58 802	8 567,982	67 363,710	7,862	7,399
22	27	98 381	54 164,285	1 465 872,660	27,063	26,601	72	77	55 830	7 917,344	58 795,728	7,426	6,963
23	28	98 301	52 671,373	1 411 708,375	26,802	26,339	73	78	52 637	7 264,669	50 878,384	7,004	6,541
24	29	98 221	51 220,137	1 359 037,002	26,533	26,070	74	79	49 255	6 615,974	43 613,715	6,592	6,129
25	30	98 137	49 806,745	1 307 816,865	26,258	25,795	75	80	45 694	5 973,434	36 997,741	6,194	5,731
26	31	98 052	48 431,693	1 258 010,121	25,975	25,512	76	81	41 976	5 340,512	31 024,308	5,809	5,346
27	32	97 960	47 091,324	1 209 578,427	25,686	25,223	77	82	38 136	4 722,145	25 683,795	5,439	4,976
28	33	97 864	45 786,101	1 162 487,104	25,390	24,927	78	83	34 180	4 119,000	20 961,650	5,089	4,626
29	34	97 768	44 516,956	1 116 701,003	25,085	24,622	79	84	30 182	3 539,813	16 842,650	4,758	4,295
30	35	97 666	43 280,060	1 072 184,046	24,773	24,310	80	85	26 256	2 996,915	13 302,837	4,439	3,976
31	36	97 559	42 075,794	1 028 903,986	24,454	23,991	81	86	22 385	2 486,761	10 305,922	4,144	3,681
32	37	97 442	40 900,243	986 828,193	24,128	23,665	82	87	18 708	2 022,619	7 819,161	3,866	3,403
33	38	97 318	39 754,922	945 927,950	23,794	23,331	83	88	15 199	1 599,273	5 796,542	3,624	3,162
34	39	97 190	38 640,028	906 173,027	23,452	22,989	84	89	12 092	1 238,283	4 197,269	3,390	2,927
35	40	97 043	37 549,057	867 532,999	23,104	22,641	85	90	9 359	932,740	2 958,986	3,172	2,710
36	41	96 890	36 486,439	829 983,942	22,748	22,285	86	91	7 073	686,026	2 026,247	2,954	2,491
37	42	96 721	35 448,043	793 497,502	22,385	21,922	87	92	5 113	482,707	1 340,221	2,776	2,314
38	43	96 534	34 432,636	758 049,459	22,015	21,553	88	93	3 559	326,948	857,514	2,623	2,160
39	44	96 328	33 439,668	723 616,823	21,639	21,177	89	94	2 397	214,300	530,566	2,476	2,013
40	45	96 106	32 469,726	690 177,155	21,256	20,793	90	95	1 551	135,006	316,265	2,343	1,880
41	46	95 845	31 514,939	657 707,429	20,870	20,407	91	96	973	82,415	181,259	2,199	1,737
42	47	95 555	30 578,416	626 192,489	20,478	20,015	92	97	577	47,570	98,844	2,078	1,615
43	48	95 235	29 660,462	595 614,073	20,081	19,618	93	98	323	25,949	51,274	1,976	1,513
44	49	94 876	28 757,730	565 953,611	19,680	19,217	94	99	172	13,455	25,325	1,882	1,419
45	50	94 476	27 870,069	537 195,881	19,275	18,812	95	100	87	6,605	11,870	1,797	1,334
46	51	94 028	26 995,550	509 325,812	18,867	18,404							
47	52	93 535	26 135,413	482 330,262	18,455	17,992							
48	53	92 988	25 286,984	456 194,849	18,041	17,578							
49	54	92 378	24 448,763	430 907,865	17,625	17,162							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	3 120 235,312	31,328	30,865	50	56	91 395	23 541,215	399 807,010	16,983	16,520
1	7	99 188	96 533,210	3 020 634,918	31,291	30,828	51	57	90 659	22 726,756	376 265,794	16,556	16,093
2	8	99 144	93 908,310	2 924 101,708	31,138	30,675	52	58	89 851	21 921,477	353 539,038	16,128	15,665
3	9	99 119	91 371,682	2 830 193,398	30,975	30,512	53	59	88 971	21 125,792	331 617,562	15,697	15,234
4	10	99 098	88 907,139	2 738 821,716	30,805	30,343	54	60	88 038	20 344,738	310 491,770	15,262	14,799
5	11	99 076	86 508,192	2 649 914,577	30,632	30,169	55	61	86 996	19 565,778	290 147,032	14,829	14,366
6	12	99 056	84 176,460	2 563 406,385	30,453	29,990	56	62	85 904	18 803,241	270 581,255	14,390	13,927
7	13	99 038	81 908,646	2 479 229,926	30,268	29,805	57	63	84 729	18 049,698	251 778,014	13,949	13,486
8	14	99 019	79 700,893	2 397 321,280	30,079	29,616	58	64	83 494	17 310,496	233 728,316	13,502	13,039
9	15	98 997	77 550,720	2 317 620,386	29,885	29,422	59	65	82 160	16 578,069	216 417,819	13,054	12,592
10	16	98 975	75 458,444	2 240 069,666	29,686	29,223	60	66	80 742	15 855,808	199 839,750	12,604	12,141
11	17	98 950	73 420,503	2 164 611,222	29,482	29,020	61	67	79 229	15 142,324	183 983,943	12,150	11,687
12	18	98 923	71 435,988	2 091 190,719	29,274	28,811	62	68	77 632	14 439,950	168 841,619	11,693	11,230
13	19	98 891	69 501,621	2 019 754,731	29,061	28,598	63	69	75 926	13 744,742	154 401,669	11,234	10,771
14	20	98 862	67 621,013	1 950 253,111	28,841	28,378	64	70	74 107	13 056,405	140 656,926	10,773	10,310
15	21	98 824	65 786,468	1 882 632,098	28,617	28,154	65	71	72 169	12 374,687	127 600,521	10,311	9,849
16	22	98 783	63 999,135	1 816 845,630	28,389	27,926	66	72	70 097	11 697,586	115 225,834	9,850	9,388
17	23	98 731	62 253,484	1 752 846,495	28,157	27,694	67	73	67 861	11 021,488	103 528,249	9,393	8,930
18	24	98 675	60 552,869	1 690 593,011	27,919	27,456	68	74	65 483	10 350,538	92 506,761	8,937	8,475
19	25	98 598	58 886,091	1 630 040,142	27,681	27,218	69	75	62 955	9 684,712	82 156,223	8,483	8,020
20	26	98 522	57 266,048	1 571 154,050	27,436	26,973	70	76	60 222	9 016,286	72 471,511	8,038	7,575
21	27	98 437	55 685,205	1 513 888,002	27,187	26,724	71	77	57 311	8 350,804	63 455,225	7,599	7,136
22	28	98 356	54 150,303	1 458 202,797	26,929	26,466	72	78	54 214	7 688,103	55 104,421	7,167	6,705
23	29	98 275	52 657,692	1 404 052,494	26,664	26,201	73	79	50 886	7 023,060	47 416,318	6,752	6,289
24	30	98 194	51 205,931	1 351 394,801	26,391	25,929	74	80	47 405	6 367,540	40 393,259	6,344	5,881
25	31	98 110	49 793,075	1 300 188,871	26,112	25,649	75	81	43 712	5 714,347	34 025,719	5,954	5,492
26	32	98 020	48 415,903	1 250 395,795	25,826	25,363	76	82	39 898	5 076,180	28 311,372	5,577	5,114
27	33	97 926	47 075,014	1 201 979,892	25,533	25,070	77	83	35 968	4 453,607	23 235,192	5,217	4,754
28	34	97 829	45 769,536	1 154 904,878	25,233	24,770	78	84	31 960	3 851,433	18 781,585	4,877	4,414
29	35	97 729	44 498,891	1 109 135,342	24,925	24,462	79	85	27 949	3 277,917	14 930,152	4,555	4,092
30	36	97 624	43 261,616	1 064 636,452	24,609	24,146	80	86	24 016	2 741,292	11 652,234	4,251	3,788
31	37	97 514	42 056,173	1 021 374,835	24,286	23,823	81	87	20 222	2 246,419	8 910,943	3,967	3,504
32	38	97 390	40 878,701	979 318,662	23,957	23,494	82	88	16 563	1 790,703	6 664,524	3,722	3,259
33	39	97 260	39 731,484	938 439,961	23,620	23,157	83	89	13 292	1 398,625	4 873,821	3,485	3,022
34	40	97 121	38 612,854	898 708,477	23,275	22,812	84	90	10 402	1 065,209	3 475,196	3,262	2,800
35	41	96 974	37 522,293	860 095,623	22,922	22,459	85	91	7 972	794,511	2 409,987	3,033	2,570
36	42	96 809	36 456,120	822 573,331	22,563	22,101	86	92	5 848	567,245	1 615,476	2,848	2,385
37	43	96 629	35 414,511	786 117,211	22,198	21,735	87	93	4 147	391,483	1 048,231	2,678	2,215
38	44	96 432	34 396,291	750 702,699	21,825	21,362	88	94	2 822	259,308	656,748	2,533	2,070
39	45	96 219	33 401,853	716 306,409	21,445	20,982	89	95	1 856	165,999	397,440	2,394	1,931
40	46	95 976	32 425,809	682 904,555	21,061	20,598	90	96	1 172	102,004	231,441	2,269	1,806
41	47	95 697	31 466,062	650 478,746	20,672	20,210	91	97	716	60,658	129,437	2,134	1,671
42	48	95 389	30 525,350	619 012,684	20,279	19,816	92	98	413	34,062	68,778	2,019	1,556
43	49	95 059	29 605,502	588 487,334	19,878	19,415	93	99	225	18,053	34,716	1,923	1,460
44	50	94 677	28 697,567	558 881,832	19,475	19,012	94	100	116	9,084	16,663	1,834	1,372
45	51	94 255	27 804,952	530 184,265	19,068	18,605							
46	52	93 794	26 928,310	502 379,312	18,656	18,193							
47	53	93 276	26 062,996	475 451,003	18,242	17,780							
48	54	92 705	25 210,132	449 388,007	17,826	17,363							
49	55	92 083	24 370,865	424 177,875	17,405	16,942							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	3 111 819,565	31,246	30,783	50	57	91 048	23 451,926	392 758,185	16,747	16,285
1	8	99 180	96 525,145	3 012 227,156	31,207	30,744	51	58	90 285	22 632,979	369 306,259	16,317	15,854
2	9	99 138	93 902,477	2 915 702,011	31,050	30,587	52	59	89 442	21 821,523	346 673,280	15,887	15,424
3	10	99 113	91 365,881	2 821 799,534	30,885	30,422	53	60	88 546	21 024,845	324 851,758	15,451	14,988
4	11	99 090	88 899,977	2 730 433,653	30,714	30,251	54	61	87 557	20 233,495	303 826,912	15,016	14,553
5	12	99 068	86 501,321	2 641 533,676	30,537	30,075	55	62	86 501	19 454,537	283 593,417	14,577	14,114
6	13	99 049	84 170,007	2 555 032,355	30,356	29,893	56	63	85 365	18 685,254	264 138,880	14,136	13,673
7	14	99 028	81 900,589	2 470 862,348	30,169	29,706	57	64	84 164	17 929,332	245 453,626	13,690	13,227
8	15	99 007	79 691,027	2 388 961,759	29,978	29,515	58	65	82 893	17 185,933	227 524,294	13,239	12,776
9	16	98 984	77 540,207	2 309 270,732	29,782	29,319	59	66	81 524	16 449,715	210 338,361	12,787	12,324
10	17	98 959	75 446,313	2 231 730,525	29,580	29,118	60	67	80 078	15 725,477	193 888,647	12,330	11,867
11	18	98 933	73 407,615	2 156 284,212	29,374	28,911	61	68	78 514	15 005,746	178 163,170	11,873	11,410
12	19	98 902	71 420,383	2 082 876,597	29,164	28,701	62	69	76 871	14 298,509	163 157,424	11,411	10,948
13	20	98 870	69 486,674	2 011 456,213	28,947	28,485	63	70	75 094	13 593,995	148 858,915	10,950	10,488
14	21	98 841	67 606,745	1 941 969,540	28,724	28,262	64	71	73 222	12 900,404	135 264,921	10,485	10,023
15	22	98 803	65 772,248	1 874 362,794	28,498	28,035	65	72	71 206	12 209,571	122 364,516	10,022	9,559
16	23	98 761	63 984,428	1 808 590,546	28,266	27,803	66	73	69 012	11 516,564	110 154,945	9,565	9,102
17	24	98 709	62 239,325	1 744 606,118	28,031	27,568	67	74	66 685	10 830,426	98 638,381	9,108	8,645
18	25	98 653	60 539,102	1 682 366,793	27,790	27,327	68	75	64 217	10 150,523	87 807,955	8,651	8,188
19	26	98 576	58 872,969	1 621 827,691	27,548	27,085	69	76	61 553	9 468,925	77 657,432	8,201	7,738
20	27	98 496	57 250,749	1 562 954,722	27,300	26,837	70	77	58 696	8 787,744	68 188,507	7,760	7,297
21	28	98 412	55 670,831	1 505 703,972	27,047	26,584	71	78	55 652	8 109,012	59 400,763	7,325	6,862
22	29	98 331	54 136,239	1 450 033,142	26,785	26,322	72	79	52 411	7 432,411	51 291,750	6,901	6,438
23	30	98 248	52 643,087	1 395 896,903	26,516	26,053	73	80	48 975	6 759,339	43 859,339	6,489	6,026
24	31	98 167	51 191,878	1 343 253,816	26,240	25,777	74	81	45 349	6 091,359	37 100,000	6,091	5,628
25	32	98 078	49 776,842	1 292 061,938	25,957	25,494	75	82	41 549	5 431,511	31 008,640	5,709	5,246
26	33	97 986	48 399,135	1 242 285,096	25,668	25,205	76	83	37 630	4 787,508	25 577,129	5,342	4,880
27	34	97 891	47 057,982	1 193 885,961	25,371	24,908	77	84	33 631	4 164,305	20 789,621	4,992	4,530
28	35	97 789	45 750,962	1 146 827,979	25,067	24,604	78	85	29 595	3 566,482	16 625,316	4,662	4,199
29	36	97 687	44 479,927	1 101 077,018	24,754	24,292	79	86	25 565	2 998,326	13 058,834	4,355	3,893
30	37	97 579	43 241,443	1 056 597,090	24,435	23,972	80	87	21 695	2 476,350	10 060,508	4,063	3,600
31	38	97 463	42 034,022	1 013 355,648	24,108	23,645	81	88	17 903	1 988,841	7 584,159	3,813	3,351
32	39	97 333	40 854,600	971 321,626	23,775	23,312	82	89	14 485	1 566,037	5 595,318	3,573	3,110
33	40	97 192	39 703,542	930 467,026	23,435	22,973	83	90	11 434	1 203,141	4 029,280	3,349	2,886
34	41	97 052	38 585,331	890 763,483	23,086	22,623	84	91	8 860	907,349	2 826,139	3,115	2,652
35	42	96 893	37 491,112	852 178,152	22,730	22,267	85	92	6 592	656,946	1 918,790	2,921	2,458
36	43	96 718	36 421,634	814 687,040	22,368	21,905	86	93	4 743	460,045	1 261,844	2,743	2,280
37	44	96 527	35 377,130	778 265,405	21,999	21,536	87	94	3 289	310,492	801,800	2,582	2,120
38	45	96 323	34 357,395	742 888,276	21,622	21,160	88	95	2 186	200,862	491,307	2,446	1,983
39	46	96 089	33 356,675	708 530,881	21,241	20,778	89	96	1 403	125,421	290,445	2,316	1,853
40	47	95 827	32 375,519	675 174,206	20,854	20,392	90	97	863	75,076	165,025	2,198	1,735
41	48	95 531	31 411,456	642 798,687	20,464	20,001	91	98	513	43,434	89,948	2,071	1,608
42	49	95 212	30 468,788	611 387,231	20,066	19,603	92	99	287	23,698	46,514	1,963	1,500
43	50	94 860	29 543,565	580 918,443	19,663	19,200	93	100	152	12,188	22,816	1,872	1,409
44	51	94 456	28 630,516	551 374,878	19,258	18,795							
45	52	94 020	27 735,696	522 744,361	18,847	18,385							
46	53	93 534	26 853,696	495 008,666	18,434	17,971							
47	54	92 993	25 983,786	468 154,970	18,017	17,554							
48	55	92 410	25 129,809	442 171,184	17,595	17,133							
49	56	91 752	24 283,190	417 041,376	17,174	16,711							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	3 102 877,021	31,158	30,696	50	58	90 672	23 355,157	385 306,087	16,498	16,035
1	9	99 173	96 519,150	3 003 292,932	31,116	30,653	51	59	89 873	22 529,780	361 950,930	16,065	15,603
2	10	99 132	93 896,516	2 906 773,783	30,957	30,494	52	60	89 014	21 717,252	339 421,150	15,629	15,166
3	11	99 105	91 358,520	2 812 877,267	30,789	30,327	53	61	88 062	20 909,884	317 703,898	15,194	14,731
4	12	99 082	88 892,916	2 721 518,746	30,616	30,153	54	62	87 059	20 118,458	296 794,014	14,752	14,290
5	13	99 060	86 494,690	2 632 625,830	30,437	29,974	55	63	85 958	19 332,464	276 675,556	14,311	13,849
6	14	99 039	84 161,727	2 546 131,139	30,253	29,790	56	64	84 796	18 560,649	257 343,092	13,865	13,402
7	15	99 016	81 890,450	2 461 969,412	30,064	29,601	57	65	83 559	17 800,316	238 782,443	13,415	12,952
8	16	98 993	79 680,224	2 380 078,962	29,870	29,408	58	66	82 251	17 052,872	220 982,127	12,959	12,496
9	17	98 968	77 527,742	2 300 398,738	29,672	29,209	59	67	80 854	16 314,502	203 929,255	12,500	12,037
10	18	98 942	75 433,069	2 222 870,997	29,468	29,005	60	68	79 356	15 583,639	187 614,753	12,039	11,576
11	19	98 911	73 391,580	2 147 437,927	29,260	28,797	61	69	77 745	14 858,762	172 031,115	11,578	11,115
12	20	98 881	71 405,024	2 074 046,347	29,046	28,583	62	70	76 028	14 141,688	157 172,352	11,114	10,651
13	21	98 849	69 472,013	2 002 641,323	28,827	28,364	63	71	74 196	13 431,571	143 030,665	10,649	10,186
14	22	98 819	67 592,132	1 933 169,310	28,601	28,138	64	72	72 245	12 728,274	129 599,094	10,182	9,719
15	23	98 780	65 757,134	1 865 577,178	28,371	27,908	65	73	70 105	12 020,627	116 870,820	9,723	9,260
16	24	98 738	63 969,875	1 799 820,044	28,135	27,673	66	74	67 816	11 316,919	104 850,193	9,265	8,802
17	25	98 686	62 225,174	1 735 850,169	27,896	27,433	67	75	65 396	10 621,138	93 533,274	8,806	8,344
18	26	98 631	60 525,612	1 673 624,995	27,652	27,189	68	76	62 787	9 924,358	82 912,135	8,354	7,892
19	27	98 550	58 857,241	1 613 099,383	27,407	26,944	69	77	59 992	9 228,910	72 987,778	7,909	7,446
20	28	98 470	57 235,971	1 554 242,142	27,155	26,692	70	78	56 996	8 533,301	63 758,868	7,472	7,009
21	29	98 386	55 656,371	1 497 006,171	26,897	26,434	71	79	53 801	7 839,322	55 225,566	7,045	6,582
22	30	98 303	54 121,224	1 441 349,800	26,632	26,169	72	80	50 443	7 153,320	47 386,245	6,624	6,162
23	31	98 221	52 628,640	1 387 228,577	26,359	25,896	73	81	46 851	6 466,165	40 232,925	6,222	5,759
24	32	98 135	51 175,188	1 334 599,937	26,079	25,616	74	82	43 105	5 789,863	33 766,760	5,832	5,369
25	33	98 044	49 759,602	1 283 424,749	25,793	25,330	75	83	39 186	5 122,633	27 976,897	5,461	4,999
26	34	97 951	48 381,625	1 233 665,147	25,499	25,036	76	84	35 185	4 476,516	22 854,264	5,105	4,643
27	35	97 851	47 038,885	1 185 283,523	25,198	24,735	77	85	31 143	3 856,206	18 377,748	4,766	4,303
28	36	97 748	45 731,465	1 138 244,638	24,890	24,427	78	86	27 071	3 262,277	14 521,543	4,451	3,989
29	37	97 642	44 459,185	1 092 513,173	24,573	24,111	79	87	23 094	2 708,542	11 259,265	4,157	3,694
30	38	97 527	43 218,668	1 048 053,988	24,250	23,787	80	88	19 207	2 192,408	8 550,723	3,900	3,437
31	39	97 405	42 009,240	1 004 835,320	23,919	23,457	81	89	15 657	1 739,317	6 358,316	3,656	3,193
32	40	97 264	40 825,869	962 826,080	23,584	23,121	82	90	12 460	1 347,154	4 618,999	3,429	2,966
33	41	97 123	39 675,242	922 000,211	23,239	22,776	83	91	9 740	1 024,840	3 271,845	3,193	2,730
34	42	96 971	38 553,268	882 324,969	22,886	22,423	84	92	7 326	750,247	2 247,005	2,995	2,532
35	43	96 801	37 455,648	843 771,702	22,527	22,064	85	93	5 346	532,794	1 496,758	2,809	2,346
36	44	96 615	36 383,190	806 316,054	22,162	21,699	86	94	3 762	364,869	963,964	2,642	2,179
37	45	96 418	35 337,124	769 932,864	21,788	21,325	87	95	2 548	240,510	599,095	2,491	2,028
38	46	96 193	34 310,924	734 595,740	21,410	20,947	88	96	1 652	151,762	358,585	2,363	1,900
39	47	95 940	33 304,942	700 284,816	21,026	20,564	89	97	1 032	92,311	206,823	2,241	1,778
40	48	95 661	32 319,334	666 979,874	20,637	20,174	90	98	618	53,758	114,512	2,130	1,667
41	49	95 354	31 353,252	634 660,540	20,242	19,779	91	99	357	30,218	60,754	2,011	1,548
42	50	95 013	30 405,045	603 307,288	19,842	19,380	92	100	194	15,998	30,536	1,909	1,446
43	51	94 638	29 474,538	572 902,244	19,437	18,974							
44	52	94 221	28 559,204	543 427,706	19,028	18,565							
45	53	93 760	27 658,845	514 868,502	18,615	18,152							
46	54	93 249	26 772,082	487 209,657	18,198	17,736							
47	55	92 696	25 900,998	460 437,575	17,777	17,314							
48	56	92 077	25 039,403	434 536,577	17,354	16,891							
49	57	91 404	24 191,087	409 497,174	16,928	16,465							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	3 093 394,887	31,065	30,602	50	59	90 259	23 248,666	377 448,863	16,235	15,772
1	10	99 167	96 513,022	2 993 816,984	31,020	30,557	51	60	89 444	22 422,125	354 200,198	15,797	15,334
2	11	99 124	93 888,952	2 897 303,962	30,859	30,396	52	61	88 528	21 598,504	331 778,072	15,361	14,898
3	12	99 097	91 351,265	2 803 415,010	30,688	30,225	53	62	87 561	20 791,002	310 179,568	14,919	14,456
4	13	99 074	88 886,102	2 712 063,746	30,512	30,049	54	63	86 513	19 992,219	289 388,566	14,475	14,012
5	14	99 050	86 486,182	2 623 177,643	30,331	29,868	55	64	85 385	19 203,543	269 396,347	14,028	13,566
6	15	99 027	84 151,309	2 536 691,461	30,144	29,682	56	65	84 186	18 427,090	250 192,804	13,577	13,115
7	16	99 003	81 879,349	2 452 540,153	29,953	29,490	57	66	82 912	17 662,498	231 765,714	13,122	12,659
8	17	98 977	79 667,414	2 370 660,804	29,757	29,294	58	67	81 575	16 912,701	214 103,216	12,659	12,196
9	18	98 950	77 514,133	2 290 993,390	29,556	29,093	59	68	80 125	16 167,351	197 190,515	12,197	11,734
10	19	98 920	75 416,592	2 213 479,257	29,350	28,887	60	69	78 579	15 430,995	181 023,164	11,731	11,268
11	20	98 890	73 375,797	2 138 062,665	29,139	28,676	61	70	76 893	14 695,796	165 592,169	11,268	10,805
12	21	98 860	71 389,959	2 064 686,869	28,921	28,458	62	71	75 120	13 972,720	150 896,373	10,799	10,337
13	22	98 828	69 456,997	1 993 296,910	28,698	28,235	63	72	73 206	13 252,353	136 923,653	10,332	9,869
14	23	98 797	67 576,600	1 923 839,913	28,469	28,006	64	73	71 127	12 531,302	123 671,299	9,869	9,406
15	24	98 758	65 742,177	1 856 263,313	28,236	27,773	65	74	68 889	11 812,244	111 139,997	9,409	8,946
16	25	98 716	63 955,331	1 790 521,136	27,996	27,534	66	75	66 505	11 098,230	99 327,753	8,950	8,487
17	26	98 664	62 211,308	1 726 565,805	27,753	27,290	67	76	63 939	10 384,487	88 229,522	8,496	8,033
18	27	98 604	60 509,442	1 664 354,497	27,506	27,043	68	77	61 195	9 672,798	77 845,035	8,048	7,585
19	28	98 524	58 842,048	1 603 845,055	27,257	26,794	69	78	58 255	8 961,694	68 172,237	7,607	7,144
20	29	98 445	57 221,105	1 545 003,008	27,001	26,538	70	79	55 101	8 249,500	59 210,544	7,177	6,715
21	30	98 359	55 640,934	1 487 781,903	26,739	26,276	71	80	51 781	7 544,950	50 961,044	6,754	6,292
22	31	98 276	54 106,370	1 432 140,968	26,469	26,006	72	81	48 255	6 843,057	43 416,094	6,345	5,882
23	32	98 189	52 611,481	1 378 034,598	26,193	25,730	73	82	44 532	6 146,117	36 573,036	5,951	5,488
24	33	98 101	51 157,464	1 325 423,116	25,909	25,446	74	83	40 653	5 460,606	30 426,919	5,572	5,109
25	34	98 009	49 741,599	1 274 265,653	25,618	25,155	75	84	36 640	4 789,871	24 966,313	5,212	4,749
26	35	97 911	48 361,990	1 224 524,054	25,320	24,857	76	85	32 582	4 145,318	20 176,442	4,867	4,404
27	36	97 810	47 018,839	1 176 162,063	25,015	24,552	77	86	28 487	3 527,289	16 031,124	4,545	4,082
28	37	97 702	45 710,139	1 129 143,224	24,702	24,239	78	87	24 455	2 946,983	12 503,836	4,243	3,780
29	38	97 590	44 435,769	1 083 433,085	24,382	23,919	79	88	20 446	2 397,976	9 556,853	3,985	3,523
30	39	97 470	43 193,187	1 038 997,316	24,055	23,592	80	89	16 798	1 917,344	7 158,876	3,734	3,271
31	40	97 337	41 979,697	995 804,129	23,721	23,258	81	90	13 469	1 496,215	5 241,533	3,503	3,040
32	41	97 195	40 796,768	953 824,432	23,380	22,917	82	91	10 614	1 147,511	3 745,318	3,264	2,801
33	42	97 042	39 642,273	913 027,664	23,032	22,569	83	92	8 053	847,395	2 597,807	3,066	2,603
34	43	96 880	38 516,798	873 385,391	22,675	22,213	84	93	5 942	608,463	1 750,413	2,877	2,414
35	44	96 699	37 416,111	834 868,593	22,313	21,850	85	94	4 240	422,568	1 141,950	2,702	2,240
36	45	96 506	36 342,047	797 452,482	21,943	21,480	86	95	2 914	282,631	719,382	2,545	2,082
37	46	96 288	35 289,329	761 110,435	21,568	21,105	87	96	1 925	181,717	436,751	2,403	1,941
38	47	96 043	34 257,711	725 821,106	21,187	20,724	88	97	1 216	111,698	255,034	2,283	1,820
39	48	95 774	33 247,144	691 563,396	20,801	20,338	89	98	739	66,099	143,335	2,169	1,706
40	49	95 484	32 259,448	658 316,252	20,407	19,944	90	99	430	37,400	77,237	2,065	1,602
41	50	95 154	31 287,658	626 056,804	20,010	19,547	91	100	241	20,400	39,836	1,953	1,490
42	51	94 791	30 334,005	594 769,146	19,607	19,145							
43	52	94 402	29 401,123	564 435,141	19,198	18,735							
44	53	93 960	28 480,071	535 034,018	18,786	18,323							
45	54	93 475	27 574,784	506 553,947	18,370	17,907							
46	55	92 952	26 686,782	478 979,163	17,948	17,485							
47	56	92 363	25 807,818	452 292,380	17,525	17,063							
48	57	91 728	24 944,431	426 484,563	17,097	16,635							
49	58	91 027	24 091,268	401 540,131	16,667	16,205							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	3 083 358,909	30,966	30,503	50	60	89 828	23 137,575	369 188,374	15,956	15,493
1	11	99 159	96 505,247	2 983 787,328	30,918	30,456	51	61	88 955	22 299,524	346 050,798	15,518	15,055
2	12	99 116	93 881,495	2 887 282,081	30,755	30,292	52	62	88 024	21 475,707	323 751,274	15,075	14,612
3	13	99 089	91 344,262	2 793 400,586	30,581	30,118	53	63	87 012	20 660,543	302 275,568	14,631	14,168
4	14	99 065	88 877,359	2 702 056,323	30,402	29,939	54	64	85 936	19 858,899	281 615,025	14,181	13,718
5	15	99 038	86 475,475	2 613 178,965	30,219	29,756	55	65	84 771	19 065,358	261 756,126	13,729	13,267
6	16	99 013	84 139,901	2 526 703,489	30,030	29,567	56	66	83 534	18 284,420	242 690,768	13,273	12,810
7	17	98 987	81 866,185	2 442 563,588	29,836	29,373	57	67	82 230	17 517,316	224 406,349	12,811	12,348
8	18	98 960	79 653,429	2 360 697,403	29,637	29,174	58	68	80 840	16 760,155	206 889,033	12,344	11,881
9	19	98 929	77 497,201	2 281 043,974	29,434	28,971	59	69	79 340	16 008,990	190 128,877	11,876	11,414
10	20	98 899	75 400,373	2 203 546,773	29,225	28,762	60	70	77 717	15 261,753	174 119,888	11,409	10,946
11	21	98 869	73 360,315	2 128 146,400	29,010	28,547	61	71	75 974	14 520,208	158 858,135	10,940	10,478
12	22	98 838	71 374,528	2 054 786,084	28,789	28,326	62	72	74 117	13 786,282	144 337,927	10,470	10,007
13	23	98 805	69 441,036	1 983 411,556	28,563	28,100	63	73	72 073	13 047,271	130 551,645	10,006	9,543
14	24	98 774	67 561,229	1 913 970,520	28,329	27,867	64	74	69 894	12 314,067	117 504,374	9,542	9,079
15	25	98 735	65 727,231	1 846 409,291	28,092	27,629	65	75	67 558	11 583,983	105 190,307	9,081	8,618
16	26	98 694	63 941,079	1 780 682,060	27,849	27,386	66	76	65 023	10 850,949	93 606,323	8,627	8,164
17	27	98 638	62 194,687	1 716 740,982	27,603	27,140	67	77	62 319	10 121,264	82 755,374	8,176	7,714
18	28	98 579	60 493,822	1 654 546,294	27,351	26,888	68	78	59 423	9 392,729	72 634,110	7,733	7,270
19	29	98 499	58 826,764	1 594 052,472	27,097	26,635	69	79	56 318	8 663,645	63 241,381	7,300	6,837
20	30	98 418	57 205,234	1 535 225,707	26,837	26,374	70	80	53 031	7 939,726	54 577,736	6,874	6,411
21	31	98 332	55 625,664	1 478 020,473	26,571	26,108	71	81	49 535	7 217,702	46 638,010	6,462	5,999
22	32	98 244	54 088,730	1 422 394,809	26,297	25,835	72	82	45 867	6 504,355	39 420,309	6,061	5,598
23	33	98 155	52 593,260	1 368 306,079	26,017	25,554	73	83	42 000	5 796,601	32 915,954	5,678	5,216
24	34	98 065	51 138,955	1 315 712,819	25,728	25,265	74	84	38 013	5 105,890	27 119,353	5,311	4,849
25	35	97 969	49 721,413	1 264 573,864	25,433	24,970	75	85	33 930	4 435,489	22 013,463	4,963	4,500
26	36	97 869	48 341,381	1 214 852,451	25,131	24,668	76	86	29 803	3 791,741	17 577,974	4,636	4,173
27	37	97 764	46 996,914	1 166 511,070	24,821	24,358	77	87	25 733	3 186,381	13 786,233	4,327	3,864
28	38	97 651	45 686,064	1 119 514,156	24,505	24,042	78	88	21 651	2 609,077	10 599,852	4,063	3,600
29	39	97 533	44 409,571	1 073 828,093	24,180	23,717	79	89	17 881	2 097,121	7 990,775	3,810	3,348
30	40	97 401	43 162,811	1 029 418,522	23,850	23,387	80	90	14 450	1 649,359	5 893,653	3,573	3,110
31	41	97 267	41 949,774	986 255,711	23,510	23,048	81	91	11 473	1 274,481	4 244,294	3,330	2,867
32	42	97 114	40 762,867	944 305,937	23,166	22,703	82	92	8 776	948,826	2 969,813	3,130	2,667
33	43	96 950	39 604,773	903 543,070	22,814	22,351	83	93	6 531	687,251	2 020,988	2,941	2,478
34	44	96 777	38 476,142	863 938,297	22,454	21,991	84	94	4 712	482,582	1 333,736	2,764	2,301
35	45	96 590	37 373,800	825 462,155	22,087	21,624	85	95	3 284	327,325	851,154	2,600	2,138
36	46	96 376	36 292,892	788 088,354	21,715	21,252	86	96	2 202	213,542	523,830	2,453	1,990
37	47	96 138	35 234,598	751 795,463	21,337	20,874	87	97	1 417	133,746	310,287	2,320	1,857
38	48	95 877	34 198,259	716 560,865	20,953	20,490	88	98	871	79,981	176,542	2,207	1,744
39	49	95 596	33 185,538	682 362,605	20,562	20,099	89	99	514	45,986	96,561	2,100	1,637
40	50	95 284	32 191,959	649 177,067	20,166	19,703	90	100	290	25,249	50,575	2,003	1,540
41	51	94 932	31 214,556	616 985,109	19,766	19,303							
42	52	94 555	30 258,449	585 770,553	19,359	18,896							
43	53	94 141	29 319,657	555 512,104	18,947	18,484							
44	54	93 674	28 393,515	526 192,446	18,532	18,069							
45	55	93 177	27 486,927	497 798,932	18,110	17,648							
46	56	92 618	26 590,776	470 312,005	17,687	17,224							
47	57	92 013	25 709,932	443 721,229	17,259	16,796							
48	58	91 349	24 841,504	418 011,297	16,827	16,364							
49	59	90 612	23 981,420	393 169,794	16,395	15,932							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	3 072 758,118	30,862	30,399	50	61	89 336	23 011,062	360 522,618	15,667	15,205
1	12	99 151	96 497,583	2 973 194,558	30,811	30,348	51	62	88 449	22 172,741	337 511,556	15,222	14,759
2	13	99 108	93 874,299	2 876 696,975	30,644	30,181	52	63	87 472	21 340,951	315 338,815	14,776	14,313
3	14	99 080	91 335,277	2 782 822,677	30,468	30,005	53	64	86 432	20 522,765	293 997,864	14,325	13,863
4	15	99 052	88 866,356	2 691 487,400	30,287	29,824	54	65	85 317	19 715,998	273 475,099	13,871	13,408
5	16	99 025	86 463,753	2 602 621,044	30,101	29,638	55	66	84 114	18 917,745	253 759,101	13,414	12,951
6	17	98 997	84 126,374	2 516 157,291	29,909	29,446	56	67	82 847	18 134,126	234 841,355	12,950	12,487
7	18	98 969	81 851,815	2 432 030,917	29,713	29,250	57	68	81 489	17 359,317	216 707,229	12,484	12,021
8	19	98 938	79 636,030	2 350 179,102	29,512	29,049	58	69	80 048	16 595,987	199 347,913	12,012	11,549
9	20	98 907	77 480,535	2 270 543,072	29,305	28,842	59	70	78 470	15 833,408	182 751,926	11,542	11,079
10	21	98 878	75 384,465	2 193 062,537	29,092	28,629	60	71	76 788	15 079,402	166 918,517	11,069	10,606
11	22	98 848	73 344,459	2 117 678,073	28,873	28,410	61	72	74 960	14 326,465	151 839,115	10,599	10,136
12	23	98 816	71 358,126	2 044 333,614	28,649	28,186	62	73	72 971	13 572,937	137 512,650	10,131	9,669
13	24	98 783	69 425,241	1 972 975,488	28,419	27,956	63	74	70 824	12 821,092	123 939,713	9,667	9,204
14	25	98 752	67 545,869	1 903 550,246	28,182	27,719	64	75	68 543	12 076,109	111 118,622	9,202	8,739
15	26	98 713	65 712,584	1 836 004,377	27,940	27,477	65	76	66 053	11 325,879	99 042,512	8,745	8,282
16	27	98 667	63 923,996	1 770 291,793	27,694	27,231	66	77	63 375	10 575,903	87 716,633	8,294	7,831
17	28	98 613	62 178,633	1 706 367,797	27,443	26,980	67	78	60 514	9 828,210	77 140,731	7,849	7,386
18	29	98 553	60 478,110	1 644 189,164	27,187	26,724	68	79	57 447	9 080,345	67 312,520	7,413	6,950
19	30	98 471	58 810,448	1 583 711,054	26,929	26,466	69	80	54 203	8 338,319	58 232,176	6,984	6,521
20	31	98 391	57 189,535	1 524 900,606	26,664	26,201	70	81	50 731	7 595,355	49 893,856	6,569	6,106
21	32	98 300	55 607,529	1 467 711,071	26,394	25,931	71	82	47 083	6 860,456	42 298,502	6,166	5,703
22	33	98 210	54 069,997	1 412 103,542	26,116	25,653	72	83	43 258	6 134,466	35 438,046	5,777	5,314
23	34	98 119	52 574,232	1 358 033,545	25,831	25,368	73	84	39 272	5 420,059	29 303,579	5,407	4,944
24	35	98 026	51 118,202	1 305 459,313	25,538	25,075	74	85	35 200	4 728,127	23 883,520	5,051	4,589
25	36	97 927	49 700,224	1 254 341,111	25,238	24,775	75	86	31 036	4 057,162	19 155,394	4,721	4,259
26	37	97 824	48 318,838	1 204 640,887	24,931	24,468	76	87	26 922	3 425,275	15 098,232	4,408	3,945
27	38	97 712	46 972,161	1 156 322,049	24,617	24,154	77	88	22 783	2 821,026	11 672,958	4,138	3,675
28	39	97 593	45 659,129	1 109 349,888	24,296	23,834	78	89	18 934	2 281,737	8 851,931	3,879	3,417
29	40	97 464	44 378,339	1 063 690,760	23,969	23,506	79	90	15 382	1 804,009	6 570,194	3,642	3,179
30	41	97 332	43 132,045	1 019 312,421	23,632	23,170	80	91	12 308	1 404,930	4 766,185	3,392	2,930
31	42	97 186	41 914,914	976 180,376	23,290	22,827	81	92	9 486	1 053,812	3 361,255	3,190	2,727
32	43	97 022	40 724,307	934 265,461	22,941	22,478	82	93	7 117	769,514	2 307,444	2,999	2,536
33	44	96 848	39 562,968	893 541,154	22,585	22,122	83	94	5 180	545,071	1 537,930	2,822	2,359
34	45	96 668	38 432,632	853 978,185	22,220	21,757	84	95	3 650	373,812	992,859	2,656	2,193
35	46	96 459	37 323,250	815 545,553	21,851	21,388	85	96	2 481	247,311	619,047	2,503	2,040
36	47	96 226	36 236,604	778 222,303	21,476	21,013	86	97	1 620	157,169	371,737	2,365	1,902
37	48	95 972	35 173,451	741 985,699	21,095	20,632	87	98	1 014	95,768	214,567	2,240	1,778
38	49	95 699	34 134,891	706 812,248	20,706	20,244	88	99	606	55,644	118,799	2,135	1,672
39	50	95 396	33 116,111	672 677,356	20,313	19,850	89	100	347	31,045	63,155	2,034	1,571
40	51	95 062	32 116,744	639 561,245	19,914	19,451							
41	52	94 695	31 136,807	607 444,501	19,509	19,046							
42	53	94 293	30 174,608	576 307,694	19,099	18,636							
43	54	93 855	29 230,550	546 133,086	18,684	18,221							
44	55	93 376	28 303,049	516 902,537	18,263	17,800							
45	56	92 842	27 388,042	488 599,488	17,840	17,377							
46	57	92 267	26 489,920	461 211,446	17,411	16,948							
47	58	91 633	25 603,845	434 721,527	16,979	16,516							
48	59	90 933	24 728,235	409 117,681	16,545	16,082							
49	60	90 179	23 866,828	384 389,446	16,106	15,643							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	3 061 584,038	30,752	30,290	50	62	88 828	22 880,233	351 461,889	15,361	14,898
1	13	99 144	96 490,186	2 962 028,386	30,698	30,235	51	63	87 894	22 033,612	328 581,656	14,913	14,450
2	14	99 099	93 865,064	2 865 538,200	30,528	30,065	52	64	86 889	21 198,636	306 548,044	14,461	13,998
3	15	99 067	91 323,970	2 771 673,136	30,350	29,887	53	65	85 810	20 375,087	285 349,408	14,005	13,542
4	16	99 039	88 854,309	2 680 349,166	30,166	29,703	54	66	84 657	19 563,348	264 974,321	13,544	13,082
5	17	99 009	86 449,853	2 591 494,857	29,977	29,514	55	67	83 423	18 762,246	245 410,973	13,080	12,617
6	18	98 980	84 111,607	2 505 045,004	29,782	29,320	56	68	82 100	17 970,563	226 648,727	12,612	12,149
7	19	98 948	81 833,935	2 420 933,397	29,583	29,121	57	69	80 690	17 189,280	208 549,408	12,140	11,677
8	20	98 917	79 618,904	2 339 099,462	29,379	28,916	58	70	79 170	16 413,968	191 488,884	11,666	11,203
9	21	98 887	77 464,187	2 259 480,558	29,168	28,705	59	71	77 532	15 644,227	175 074,916	11,191	10,728
10	22	98 857	75 368,170	2 182 016,371	28,951	28,489	60	72	75 764	14 878,198	159 430,689	10,716	10,253
11	23	98 825	73 327,605	2 106 648,200	28,729	28,266	61	73	73 800	14 104,761	144 552,491	10,248	9,786
12	24	98 793	71 341,896	2 033 320,596	28,501	28,038	62	74	71 706	13 337,645	130 447,730	9,780	9,318
13	25	98 760	69 409,457	1 961 978,700	28,267	27,804	63	75	69 455	12 573,336	117 110,085	9,314	8,851
14	26	98 730	67 530,817	1 892 569,243	28,025	27,562	64	76	67 016	11 807,040	104 536,750	8,854	8,391
15	27	98 687	65 695,028	1 825 038,426	27,780	27,318	65	77	64 378	11 038,794	92 729,710	8,400	7,938
16	28	98 642	63 907,496	1 759 343,398	27,530	27,067	66	78	61 540	10 269,685	81 690,916	7,955	7,492
17	29	98 587	62 162,483	1 695 435,902	27,274	26,811	67	79	58 502	9 501,343	71 421,231	7,517	7,054
18	30	98 526	60 461,336	1 633 273,419	27,014	26,551	68	80	55 290	8 739,372	61 919,888	7,085	6,622
19	31	98 444	58 794,308	1 572 812,083	26,751	26,288	69	81	51 852	7 976,660	53 180,516	6,667	6,204
20	32	98 358	57 170,889	1 514 017,775	26,482	26,019	70	82	48 220	7 219,417	45 203,856	6,261	5,799
21	33	98 266	55 588,269	1 456 846,886	26,208	25,745	71	83	44 405	6 470,317	37 984,440	5,871	5,408
22	34	98 175	54 050,435	1 401 258,616	25,925	25,462	72	84	40 448	5 735,977	31 514,123	5,494	5,031
23	35	98 080	52 552,896	1 347 208,181	25,635	25,172	73	85	36 366	5 019,052	25 778,146	5,136	4,673
24	36	97 984	51 096,418	1 294 655,285	25,337	24,875	74	86	32 198	4 324,839	20 759,094	4,800	4,337
25	37	97 882	49 677,048	1 243 558,867	25,033	24,570	75	87	28 036	3 665,043	16 434,255	4,484	4,021
26	38	97 772	48 293,389	1 193 881,819	24,721	24,259	76	88	23 835	3 032,527	12 769,213	4,211	3,748
27	39	97 655	46 944,467	1 145 588,431	24,403	23,940	77	89	19 924	2 467,094	9 736,685	3,947	3,484
28	40	97 524	45 627,018	1 098 643,963	24,079	23,616	78	90	16 288	1 962,822	7 269,591	3,704	3,241
29	41	97 395	44 346,707	1 053 016,945	23,745	23,282	79	91	13 102	1 536,661	5 306,769	3,453	2,991
30	42	97 251	43 096,203	1 008 670,238	23,405	22,942	80	92	10 177	1 161,674	3 770,108	3,245	2,783
31	43	97 094	41 875,265	965 574,035	23,058	22,596	81	93	7 693	854,659	2 608,434	3,052	2,589
32	44	96 920	40 681,321	923 698,770	22,706	22,243	82	94	5 645	610,314	1 753,775	2,874	2,411
33	45	96 738	39 518,230	883 017,449	22,345	21,882	83	95	4 013	422,216	1 143,460	2,708	2,245
34	46	96 537	38 380,650	843 499,220	21,977	21,514	84	96	2 758	282,434	721,244	2,554	2,091
35	47	96 310	37 265,365	805 118,570	21,605	21,142	85	97	1 826	182,023	438,810	2,411	1,948
36	48	96 059	36 173,719	767 853,205	21,227	20,764	86	98	1 160	112,540	256,787	2,282	1,819
37	49	95 794	35 108,276	731 679,486	20,841	20,378	87	99	706	66,628	144,247	2,165	1,702
38	50	95 499	34 063,479	696 571,210	20,449	19,986	88	100	409	37,565	77,619	2,066	1,603
39	51	95 173	33 038,737	662 507,731	20,052	19,590							
40	52	94 825	32 036,748	629 468,995	19,648	19,186							
41	53	94 433	31 050,532	597 432,247	19,241	18,778							
42	54	94 006	30 082,902	566 381,715	18,827	18,365							
43	55	93 556	29 137,417	536 298,813	18,406	17,943							
44	56	93 040	28 201,228	507 161,397	17,984	17,521							
45	57	92 490	27 284,162	478 960,169	17,555	17,092							
46	58	91 886	26 380,615	451 676,007	17,122	16,659							
47	59	91 215	25 487,101	425 295,392	16,687	16,224							
48	60	90 498	24 610,075	399 808,292	16,246	15,783							
49	61	89 686	23 736,327	375 198,217	15,807	15,344							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	3 049 827,153	30,637	30,174	50	63	88 271	22 736,665	342 006,403	15,042	14,579
1	14	99 134	96 480,694	2 950 279,132	30,579	30,116	51	64	87 308	21 886,677	319 269,738	14,587	14,125
2	15	99 086	93 853,444	2 853 798,438	30,407	29,944	52	65	86 263	21 046,095	297 383,060	14,130	13,667
3	16	99 054	91 311,590	2 759 944,993	30,226	29,763	53	66	85 145	20 217,334	276 336,965	13,668	13,205
4	17	99 023	88 840,025	2 668 633,404	30,039	29,576	54	67	83 961	19 402,542	256 119,631	13,200	12,737
5	18	98 991	86 434,677	2 579 793,379	29,847	29,384	55	68	82 670	18 593,018	236 717,089	12,732	12,269
6	19	98 958	84 093,234	2 493 358,702	29,650	29,187	56	69	81 296	17 794,539	218 124,072	12,258	11,795
7	20	98 927	81 816,337	2 409 265,468	29,447	28,984	57	70	79 805	17 000,753	200 329,533	11,784	11,321
8	21	98 896	79 602,105	2 327 449,131	29,239	28,776	58	71	78 224	16 217,850	183 328,779	11,304	10,841
9	22	98 865	77 447,444	2 247 847,026	29,024	28,561	59	72	76 498	15 435,487	167 110,929	10,826	10,364
10	23	98 834	75 350,851	2 170 399,582	28,804	28,341	60	73	74 591	14 647,956	151 675,443	10,355	9,892
11	24	98 803	73 310,926	2 095 048,731	28,578	28,115	61	74	72 521	13 860,249	137 027,487	9,886	9,424
12	25	98 771	71 325,676	2 021 737,805	28,345	27,882	62	75	70 320	13 079,907	123 167,238	9,417	8,954
13	26	98 738	69 393,990	1 950 412,130	28,106	27,644	63	76	67 908	12 293,187	110 087,331	8,955	8,492
14	27	98 703	67 512,775	1 881 018,140	27,862	27,399	64	77	65 317	11 507,759	97 794,144	8,498	8,035
15	28	98 662	65 678,070	1 813 505,364	27,612	27,149	65	78	62 514	10 719,174	86 286,385	8,050	7,587
16	29	98 616	63 890,897	1 747 827,294	27,356	26,894	66	79	59 493	9 928,135	75 567,211	7,611	7,149
17	30	98 560	62 145,242	1 683 936,397	27,097	26,634	67	80	56 305	9 144,561	65 639,077	7,178	6,715
18	31	98 499	60 444,743	1 621 791,156	26,831	26,368	68	81	52 892	8 360,318	56 494,515	6,757	6,295
19	32	98 412	58 775,140	1 561 346,413	26,565	26,102	69	82	49 286	7 581,849	48 134,198	6,349	5,886
20	33	98 324	57 151,089	1 502 571,273	26,291	25,828	70	83	45 478	6 808,864	40 552,349	5,956	5,493
21	34	98 230	55 568,158	1 445 420,184	26,012	25,549	71	84	41 521	6 050,011	33 743,485	5,577	5,115
22	35	98 135	54 028,500	1 389 852,026	25,724	25,262	72	85	37 456	5 311,596	27 693,474	5,214	4,751
23	36	98 038	52 530,501	1 335 823,526	25,429	24,967	73	86	33 264	4 590,950	22 381,878	4,875	4,412
24	37	97 938	51 072,591	1 283 293,026	25,127	24,664	74	87	29 086	3 906,849	17 790,928	4,554	4,091
25	38	97 830	49 650,883	1 232 220,435	24,818	24,355	75	88	24 821	3 244,803	13 884,079	4,279	3,816
26	39	97 715	48 264,916	1 182 569,552	24,502	24,039	76	89	20 845	2 652,060	10 639,276	4,012	3,549
27	40	97 586	46 911,453	1 134 304,635	24,180	23,717	77	90	17 140	2 122,272	7 987,215	3,764	3,301
28	41	97 455	45 594,496	1 087 393,183	23,849	23,386	78	91	13 874	1 671,938	5 864,944	3,508	3,045
29	42	97 314	44 309,856	1 041 798,687	23,512	23,049	79	92	10 834	1 270,597	4 193,006	3,300	2,837
30	43	97 159	43 055,436	997 488,831	23,168	22,705	80	93	8 254	942,137	2 922,408	3,102	2,639
31	44	96 992	41 831,064	954 433,395	22,816	22,354	81	94	6 102	677,845	1 980,271	2,921	2,459
32	45	96 810	40 635,318	912 602,331	22,458	21,996	82	95	4 373	472,755	1 302,426	2,755	2,292
33	46	96 607	39 464,779	871 967,014	22,095	21,632	83	96	3 032	319,006	829,672	2,601	2,138
34	47	96 387	38 321,125	832 502,235	21,724	21,262	84	97	2 030	207,874	510,666	2,457	1,994
35	48	96 142	37 200,694	794 181,110	21,349	20,886	85	98	1 308	130,337	302,791	2,323	1,860
36	49	95 881	36 106,690	756 980,417	20,965	20,502	86	99	807	78,296	172,455	2,203	1,740
37	50	95 593	35 034,827	720 873,726	20,576	20,113	87	100	476	44,980	94,158	2,093	1,631
38	51	95 276	33 983,891	685 838,899	20,181	19,718							
39	52	94 936	32 956,444	651 855,008	19,779	19,316							
40	53	94 562	31 947,979	618 898,564	19,372	18,909							
41	54	94 146	30 956,164	586 950,585	18,961	18,498							
42	55	93 707	29 987,053	555 994,421	18,541	18,078							
43	56	93 219	29 032,594	526 007,368	18,118	17,655							
44	57	92 687	28 094,263	496 974,775	17,690	17,227							
45	58	92 108	27 171,580	468 880,511	17,256	16,793							
46	59	91 467	26 260,329	441 708,931	16,820	16,358							
47	60	90 779	25 365,314	415 448,603	16,379	15,916							
48	61	90 004	24 475,510	390 083,288	15,938	15,475							
49	62	89 176	23 601,375	365 607,778	15,491	15,028							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	3 037 478,329	30,516	30,053	50	64	87 682	22 585,042	332 165,890	14,707	14,245
1	15	99 122	96 468,750	2 937 940,101	30,455	29,992	51	65	86 680	21 729,185	309 580,847	14,247	13,784
2	16	99 073	93 840,721	2 841 471,350	30,280	29,817	52	66	85 596	20 883,147	287 851,662	13,784	13,321
3	17	99 038	91 296,910	2 747 630,629	30,096	29,633	53	67	84 445	20 051,153	266 968,515	13,314	12,852
4	18	99 006	88 824,430	2 656 333,719	29,905	29,443	54	68	83 204	19 227,538	246 917,363	12,842	12,379
5	19	98 970	86 415,797	2 567 509,289	29,711	29,248	55	69	81 861	18 410,896	227 689,825	12,367	11,904
6	20	98 937	84 075,149	2 481 093,492	29,510	29,048	56	70	80 404	17 599,374	209 278,928	11,891	11,428
7	21	98 906	81 799,074	2 397 018,343	29,304	28,841	57	71	78 852	16 797,625	191 679,554	11,411	10,948
8	22	98 875	79 584,900	2 315 219,269	29,091	28,628	58	72	77 180	16 001,456	174 881,929	10,929	10,466
9	23	98 843	77 429,647	2 235 634,369	28,873	28,410	59	73	75 314	15 196,620	158 880,473	10,455	9,992
10	24	98 812	75 333,712	2 158 204,722	28,649	28,186	60	74	73 298	14 394,027	143 683,853	9,982	9,519
11	25	98 780	73 294,258	2 082 871,010	28,418	27,955	61	75	71 119	13 592,413	129 289,826	9,512	9,049
12	26	98 749	71 309,781	2 009 576,752	28,181	27,718	62	76	68 753	12 788,472	115 697,413	9,047	8,584
13	27	98 712	69 375,451	1 938 266,971	27,939	27,476	63	77	66 187	11 981,584	102 908,942	8,589	8,126
14	28	98 678	67 495,348	1 868 891,520	27,689	27,226	64	78	63 426	11 174,560	90 927,358	8,137	7,674
15	29	98 636	65 661,011	1 801 396,172	27,435	26,972	65	79	60 435	10 362,674	79 752,799	7,696	7,233
16	30	98 589	63 873,176	1 735 735,160	27,175	26,712	66	80	57 259	9 555,327	69 390,124	7,262	6,799
17	31	98 533	62 128,187	1 671 861,984	26,910	26,447	67	81	53 863	8 747,932	59 834,798	6,840	6,377
18	32	98 467	60 425,036	1 609 733,798	26,640	26,177	68	82	50 274	7 946,517	51 086,865	6,429	5,966
19	33	98 378	58 754,783	1 549 308,762	26,369	25,906	69	83	46 483	7 150,685	43 140,348	6,033	5,570
20	34	98 289	57 130,412	1 490 553,978	26,090	25,628	70	84	42 524	6 366,567	35 989,662	5,653	5,190
21	35	98 190	55 545,607	1 433 423,566	25,806	25,343	71	85	38 449	5 602,396	29 623,096	5,288	4,825
22	36	98 093	54 005,476	1 377 877,959	25,514	25,051	72	86	34 261	4 858,541	24 020,700	4,944	4,481
23	37	97 992	52 506,005	1 323 872,483	25,214	24,751	73	87	30 049	4 147,241	19 162,159	4,620	4,158
24	38	97 887	51 045,691	1 271 366,479	24,906	24,444	74	88	25 751	3 458,884	15 014,918	4,341	3,878
25	39	97 772	49 621,610	1 220 320,788	24,593	24,130	75	89	21 707	2 837,704	11 556,034	4,072	3,609
26	40	97 646	48 230,974	1 170 699,177	24,273	23,810	76	90	17 932	2 281,385	8 718,330	3,822	3,359
27	41	97 517	46 878,015	1 122 468,204	23,944	23,482	77	91	14 600	1 807,758	6 436,945	3,561	3,098
28	42	97 374	45 556,608	1 075 590,189	23,610	23,147	78	92	11 472	1 382,452	4 629,187	3,349	2,886
29	43	97 222	44 267,941	1 030 033,582	23,268	22,805	79	93	8 786	1 030,476	3 246,735	3,151	2,688
30	44	97 056	43 009,989	985 765,641	22,919	22,457	80	94	6 546	747,225	2 216,259	2,966	2,503
31	45	96 882	41 783,760	942 755,651	22,563	22,100	81	95	4 727	525,064	1 469,034	2,798	2,335
32	46	96 680	40 580,356	900 971,891	22,202	21,739	82	96	3 304	357,190	943,970	2,643	2,180
33	47	96 458	39 403,572	860 391,536	21,835	21,373	83	97	2 231	234,792	586,780	2,499	2,036
34	48	96 220	38 254,621	820 987,963	21,461	20,998	84	98	1 453	148,847	351,988	2,365	1,902
35	49	95 964	37 131,762	782 733,342	21,080	20,617	85	99	910	90,678	203,141	2,240	1,777
36	50	95 681	36 031,153	745 601,580	20,693	20,230	86	100	545	52,858	112,463	2,128	1,665
37	51	95 370	34 952,969	709 570,427	20,301	19,838							
38	52	95 039	33 899,244	674 617,458	19,901	19,438							
39	53	94 673	32 865,128	640 718,213	19,495	19,033							
40	54	94 275	31 850,883	607 853,086	19,084	18,622							
41	55	93 846	30 857,533	576 002,203	18,667	18,204							
42	56	93 370	29 879,173	545 144,670	18,245	17,782							
43	57	92 865	28 922,476	515 265,497	17,815	17,353							
44	58	92 304	27 978,339	486 343,020	17,383	16,920							
45	59	91 688	27 047,687	458 364,682	16,947	16,484							
46	60	91 030	26 134,848	431 316,995	16,504	16,041							
47	61	90 283	25 226,620	405 182,147	16,062	15,599							
48	62	89 492	24 336,355	379 955,527	15,613	15,150							
49	63	88 616	23 453,282	355 619,172	15,163	14,700							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	3 024 531,403	30,389	29,927	50	65	87 051	22 422,525	321 946,261	14,358	13,895
1	16	99 108	96 455,673	2 925 005,497	30,325	29,862	51	66	86 008	21 560,948	299 523,737	13,892	13,429
2	17	99 057	93 825,635	2 828 549,824	30,147	29,684	52	67	84 892	20 711,493	277 962,789	13,421	12,958
3	18	99 021	91 280,884	2 734 724,189	29,959	29,497	53	68	83 684	19 870,299	257 251,296	12,947	12,484
4	19	98 984	88 805,027	2 643 443,305	29,767	29,304	54	69	82 389	19 039,202	237 380,997	12,468	12,005
5	20	98 948	86 397,213	2 554 638,277	29,569	29,106	55	70	80 963	18 208,972	218 341,796	11,991	11,528
6	21	98 916	84 057,410	2 468 241,065	29,364	28,901	56	71	79 444	17 389,093	200 132,824	11,509	11,046
7	22	98 884	81 781,394	2 384 183,654	29,153	28,690	57	72	77 800	16 573,494	182 743,731	11,026	10,563
8	23	98 852	79 566,611	2 302 402,261	28,937	28,474	58	73	75 986	15 753,831	166 170,236	10,548	10,085
9	24	98 820	77 412,035	2 222 835,649	28,714	28,252	59	74	74 008	14 933,181	150 416,406	10,073	9,610
10	25	98 789	75 316,585	2 145 423,615	28,485	28,023	60	75	71 882	14 115,876	135 483,225	9,598	9,135
11	26	98 758	73 277,925	2 070 107,030	28,250	27,787	61	76	69 535	13 289,558	121 367,349	9,133	8,670
12	27	98 722	71 290,730	1 996 829,105	28,010	27,547	62	77	67 010	12 464,314	108 077,791	8,671	8,208
13	28	98 686	69 357,543	1 925 538,374	27,762	27,300	63	78	64 270	11 634,665	95 613,478	8,218	7,755
14	29	98 652	67 477,817	1 856 180,832	27,508	27,045	64	79	61 317	10 802,915	83 978,812	7,774	7,311
15	30	98 609	65 642,800	1 788 703,014	27,249	26,786	65	80	58 166	9 973,549	73 175,897	7,337	6,874
16	31	98 562	63 855,646	1 723 060,215	26,984	26,521	66	81	54 776	9 140,882	63 202,348	6,914	6,451
17	32	98 500	62 107,931	1 659 204,568	26,715	26,252	67	82	51 197	8 314,947	54 061,466	6,502	6,039
18	33	98 433	60 404,108	1 597 096,637	26,440	25,977	68	83	47 415	7 494,616	45 746,519	6,104	5,641
19	34	98 342	58 733,526	1 536 692,528	26,164	25,701	69	84	43 463	6 686,183	38 251,903	5,721	5,258
20	35	98 249	57 107,227	1 477 959,002	25,880	25,418	70	85	39 378	5 895,531	31 565,720	5,354	4,891
21	36	98 148	55 521,936	1 420 851,775	25,591	25,128	71	86	35 169	5 124,537	25 670,189	5,009	4,546
22	37	98 047	53 980,292	1 365 329,839	25,293	24,830	72	87	30 950	4 388,970	20 545,652	4,681	4,218
23	38	97 940	52 478,350	1 311 349,547	24,988	24,526	73	88	26 604	3 671,712	16 156,681	4,400	3,937
24	39	97 829	51 015,596	1 258 871,197	24,676	24,213	74	89	22 520	3 024,925	12 484,970	4,127	3,665
25	40	97 704	49 586,713	1 207 855,601	24,358	23,896	75	90	18 673	2 441,081	9 460,044	3,875	3,413
26	41	97 576	48 196,595	1 158 268,887	24,032	23,569	76	91	15 274	1 943,292	7 018,963	3,612	3,149
27	42	97 436	46 839,060	1 110 072,293	23,700	23,237	77	92	12 072	1 494,755	5 075,671	3,396	2,933
28	43	97 282	45 513,513	1 063 233,233	23,361	22,898	78	93	9 304	1 121,191	3 580,916	3,194	2,731
29	44	97 119	44 221,214	1 017 719,719	23,014	22,551	79	94	6 969	817,288	2 459,724	3,010	2,547
30	45	96 947	42 961,353	973 498,505	22,660	22,197	80	95	5 071	578,807	1 642,437	2,838	2,375
31	46	96 751	41 727,245	930 537,153	22,300	21,838	81	96	3 571	396,713	1 063,630	2,681	2,218
32	47	96 530	40 517,419	888 809,908	21,936	21,474	82	97	2 432	262,896	666,917	2,537	2,074
33	48	96 290	39 335,191	848 292,489	21,566	21,103	83	98	1 598	168,121	404,021	2,403	1,940
34	49	96 042	38 183,737	808 957,298	21,186	20,723	84	99	1 011	103,556	235,900	2,278	1,815
35	50	95 764	37 054,080	770 773,561	20,801	20,338	85	100	614	61,216	132,344	2,162	1,699
36	51	95 457	35 946,967	733 719,481	20,411	19,948							
37	52	95 132	34 865,909	697 772,514	20,013	19,550							
38	53	94 775	33 805,315	662 906,605	19,610	19,147							
39	54	94 385	32 765,244	629 101,290	19,200	18,737							
40	55	93 974	31 749,401	596 336,046	18,783	18,320							
41	56	93 508	30 746,522	564 586,644	18,363	17,900							
42	57	93 015	29 765,845	533 840,122	17,935	17,472							
43	58	92 482	28 803,134	504 074,278	17,501	17,038							
44	59	91 884	27 850,767	475 271,143	17,065	16,602							
45	60	91 250	26 918,444	447 420,376	16,621	16,159							
46	61	90 532	25 991,945	420 501,932	16,178	15,715							
47	62	89 770	25 083,195	394 509,987	15,728	15,265							
48	63	88 930	24 183,650	369 426,792	15,276	14,813							
49	64	88 025	23 296,881	345 243,142	14,819	14,356							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	3 010 980,951	30,257	29,795	50	66	86 377	22 248,920	311 357,058	13,994	13,531
1	17	99 092	96 440,166	2 911 468,537	30,189	29,727	51	67	85 301	21 383,722	289 108,138	13,520	13,057
2	18	99 040	93 809,165	2 815 028,371	30,008	29,545	52	68	84 126	20 524,683	267 724,416	13,044	12,581
3	19	98 999	91 260,945	2 721 219,205	29,818	29,355	53	69	82 864	19 675,666	247 199,734	12,564	12,101
4	20	98 963	88 785,929	2 629 958,260	29,621	29,159	54	70	81 485	18 830,386	227 524,067	12,083	11,620
5	21	98 928	86 378,984	2 541 172,331	29,419	28,956	55	71	79 996	17 991,407	208 693,681	11,600	11,137
6	22	98 895	84 039,242	2 454 793,347	29,210	28,747	56	72	78 384	17 157,071	190 702,274	11,115	10,652
7	23	98 862	81 762,601	2 370 754,105	28,996	28,533	57	73	76 596	16 317,017	173 545,203	10,636	10,173
8	24	98 830	79 548,514	2 288 991,505	28,775	28,312	58	74	74 669	15 480,732	157 228,186	10,156	9,694
9	25	98 798	77 394,435	2 209 442,991	28,548	28,085	59	75	72 578	14 644,611	141 747,455	9,679	9,216
10	26	98 767	75 299,801	2 132 048,556	28,314	27,851	60	76	70 280	13 801,358	127 102,844	9,209	8,747
11	27	98 732	73 258,348	2 056 748,755	28,075	27,612	61	77	67 772	12 952,698	113 301,486	8,747	8,285
12	28	98 697	71 272,328	1 983 490,407	27,830	27,367	62	78	65 070	12 103,418	100 348,788	8,291	7,828
13	29	98 661	69 339,528	1 912 218,079	27,578	27,115	63	79	62 133	11 247,718	88 245,369	7,846	7,383
14	30	98 625	67 459,102	1 842 878,551	27,318	26,856	64	80	59 014	10 397,259	76 997,651	7,406	6,943
15	31	98 581	65 624,785	1 775 419,449	27,054	26,591	65	81	55 643	9 540,965	66 600,392	6,980	6,518
16	32	98 530	63 834,828	1 709 794,665	26,785	26,322	66	82	52 065	8 688,447	57 059,428	6,567	6,104
17	33	98 466	62 086,421	1 645 959,837	26,511	26,048	67	83	48 285	7 842,094	48 370,981	6,168	5,705
18	34	98 397	60 382,255	1 583 873,416	26,231	25,768	68	84	44 335	7 007,773	40 528,887	5,783	5,321
19	35	98 303	58 709,691	1 523 491,161	25,950	25,487	69	85	40 248	6 191,501	33 521,114	5,414	4,951
20	36	98 207	57 082,891	1 464 781,470	25,661	25,198	70	86	36 019	5 392,669	27 329,614	5,068	4,605
21	37	98 103	55 496,046	1 407 698,580	25,366	24,903	71	87	31 770	4 629,258	21 936,944	4,739	4,276
22	38	97 996	53 951,861	1 352 202,534	25,063	24,600	72	88	27 401	3 885,724	17 307,686	4,454	3,991
23	39	97 883	52 447,410	1 298 250,674	24,753	24,291	73	89	23 266	3 211,051	13 421,962	4,180	3,717
24	40	97 760	50 979,718	1 245 803,263	24,437	23,974	74	90	19 372	2 602,135	10 210,911	3,924	3,461
25	41	97 634	49 551,368	1 194 823,545	24,113	23,650	75	91	15 906	2 079,322	7 608,776	3,659	3,196
26	42	97 495	48 156,544	1 145 272,176	23,782	23,319	76	92	12 630	1 606,822	5 529,454	3,441	2,978
27	43	97 343	46 794,753	1 097 115,632	23,445	22,982	77	93	9 790	1 212,272	3 922,632	3,236	2,773
28	44	97 179	45 465,472	1 050 320,879	23,102	22,639	78	94	7 379	889,236	2 710,361	3,048	2,585
29	45	97 009	44 171,207	1 004 855,407	22,749	22,286	79	95	5 398	633,078	1 821,125	2,877	2,414
30	46	96 816	42 903,245	960 684,200	22,392	21,929	80	96	3 831	437,318	1 188,047	2,717	2,254
31	47	96 601	41 662,529	917 780,955	22,029	21,566	81	97	2 628	291,985	750,728	2,571	2,108
32	48	96 362	40 447,104	876 118,426	21,661	21,198	82	98	1 741	188,245	458,744	2,437	1,974
33	49	96 112	39 262,304	835 671,321	21,284	20,821	83	99	1 112	116,965	270,499	2,313	1,850
34	50	95 841	38 103,854	796 409,017	20,901	20,438	84	100	683	69,910	153,533	2,196	1,733
35	51	95 540	36 967,505	758 305,163	20,513	20,050							
36	52	95 219	35 857,431	721 337,659	20,117	19,654							
37	53	94 869	34 769,301	685 480,228	19,715	19,252							
38	54	94 487	33 702,574	650 710,927	19,307	18,845							
39	55	94 085	32 660,849	617 008,352	18,891	18,429							
40	56	93 636	31 635,182	584 347,503	18,471	18,009							
41	57	93 154	30 629,903	552 712,321	18,045	17,582							
42	58	92 632	29 643,023	522 082,418	17,612	17,149							
43	59	92 061	28 671,802	492 439,395	17,175	16,712							
44	60	91 444	27 717,687	463 767,593	16,732	16,269							
45	61	90 751	26 771,257	436 049,906	16,288	15,825							
46	62	90 017	25 844,169	409 278,650	15,836	15,374							
47	63	89 206	24 925,803	383 434,480	15,383	14,920							
48	64	88 337	24 022,378	358 508,677	14,924	14,461							
49	65	87 392	23 129,241	334 486,299	14,462	13,999							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 996 820,388	30,120	29,657	50	67	85 667	22 066,039	300 408,690	13,614	13,151
1	18	99 075	96 423,238	2 897 323,971	30,048	29,585	51	68	84 532	21 190,849	278 342,651	13,135	12,672
2	19	99 018	93 788,674	2 800 900,734	29,864	29,401	52	69	83 302	20 323,640	257 151,802	12,653	12,190
3	20	98 978	91 241,319	2 707 112,060	29,670	29,207	53	70	81 955	19 459,870	236 828,161	12,170	11,707
4	21	98 942	88 767,197	2 615 870,741	29,469	29,006	54	71	80 511	18 605,397	217 368,291	11,683	11,220
5	22	98 906	86 360,313	2 527 103,545	29,262	28,800	55	72	78 928	17 751,348	198 762,895	11,197	10,734
6	23	98 872	84 019,930	2 440 743,231	29,050	28,587	56	73	77 171	16 891,563	181 011,547	10,716	10,253
7	24	98 839	81 744,003	2 356 723,302	28,831	28,368	57	74	75 268	16 034,155	164 119,984	10,236	9,773
8	25	98 807	79 530,428	2 274 979,298	28,605	28,142	58	75	73 226	15 181,581	148 085,829	9,754	9,291
9	26	98 776	77 377,188	2 195 448,870	28,373	27,911	59	76	70 961	14 318,312	132 904,248	9,282	8,819
10	27	98 741	75 279,684	2 118 071,682	28,136	27,673	60	77	68 499	13 451,526	118 585,937	8,816	8,353
11	28	98 706	73 239,438	2 042 791,998	27,892	27,429	61	78	65 810	12 577,662	105 134,411	8,359	7,896
12	29	98 671	71 253,816	1 969 552,560	27,641	27,179	62	79	62 906	11 700,881	92 556,749	7,910	7,447
13	30	98 633	69 320,296	1 898 298,744	27,384	26,922	63	80	59 800	10 825,359	80 855,867	7,469	7,006
14	31	98 598	67 440,588	1 828 978,448	27,120	26,657	64	81	56 454	9 946,296	70 030,508	7,041	6,578
15	32	98 549	65 603,389	1 761 537,860	26,851	26,389	65	82	52 889	9 068,727	60 084,212	6,625	6,163
16	33	98 496	63 812,719	1 695 934,470	26,577	26,114	66	83	49 104	8 194,354	51 015,484	6,226	5,763
17	34	98 431	62 063,958	1 632 121,751	26,297	25,835	67	84	45 149	7 332,679	42 821,131	5,840	5,377
18	35	98 357	60 357,750	1 570 057,793	26,013	25,550	68	85	41 055	6 489,297	35 488,452	5,469	5,006
19	36	98 261	58 684,672	1 509 700,043	25,726	25,263	69	86	36 815	5 663,394	28 999,155	5,120	4,658
20	37	98 161	57 056,272	1 451 015,371	25,431	24,968	70	87	32 538	4 871,475	23 335,761	4,790	4,327
21	38	98 051	55 466,816	1 393 959,099	25,131	24,669	71	88	28 127	4 098,460	18 464,286	4,505	4,042
22	39	97 938	53 920,052	1 338 492,284	24,824	24,361	72	89	23 963	3 398,213	14 365,825	4,227	3,765
23	40	97 814	52 410,526	1 284 572,231	24,510	24,047	73	90	20 014	2 762,247	10 967,612	3,971	3,508
24	41	97 690	50 943,380	1 232 161,705	24,187	23,724	74	91	16 502	2 216,508	8 205,366	3,702	3,239
25	42	97 553	49 510,192	1 181 218,325	23,858	23,395	75	92	13 152	1 719,299	5 988,858	3,483	3,020
26	43	97 403	48 110,991	1 131 708,132	23,523	23,060	76	93	10 243	1 303,159	4 269,559	3,276	2,813
27	44	97 241	46 745,359	1 083 597,142	23,181	22,718	77	94	7 765	961,473	2 966,399	3,085	2,622
28	45	97 069	45 414,058	1 036 851,783	22,831	22,368	78	95	5 716	688,810	2 004,926	2,911	2,448
29	46	96 878	44 111,463	991 437,724	22,476	22,013	79	96	4 078	478,323	1 316,116	2,752	2,289
30	47	96 665	42 836,705	947 326,261	22,115	21,652	80	97	2 820	321,871	837,793	2,603	2,140
31	48	96 434	41 590,228	904 489,556	21,748	21,285	81	98	1 882	209,074	515,923	2,468	2,005
32	49	96 183	40 372,157	862 899,328	21,374	20,911	82	99	1 211	130,966	306,849	2,343	1,880
33	50	95 911	39 180,164	822 527,171	20,993	20,531	83	100	750	78,963	175,883	2,227	1,765
34	51	95 617	38 014,826	783 347,006	20,606	20,144							
35	52	95 302	36 875,426	745 332,181	20,212	19,749							
36	53	94 955	35 758,076	708 456,754	19,812	19,350							
37	54	94 581	34 663,631	672 698,678	19,406	18,944							
38	55	94 186	33 595,193	638 035,047	18,992	18,529							
39	56	93 746	32 543,351	604 439,855	18,573	18,111							
40	57	93 281	31 515,193	571 896,504	18,147	17,684							
41	58	92 769	30 503,516	540 381,311	17,715	17,253							
42	59	92 209	29 507,861	509 877,795	17,279	16,817							
43	60	91 621	28 534,798	480 369,934	16,835	16,372							
44	61	90 944	27 566,130	451 835,136	16,391	15,928							
45	62	90 235	26 619,050	424 269,006	15,939	15,476							
46	63	89 453	25 682,003	397 649,956	15,484	15,021							
47	64	88 611	24 759,582	371 967,954	15,023	14,560							
48	65	87 702	23 849,518	347 208,372	14,558	14,095							
49	66	86 715	22 950,164	323 358,854	14,090	13,627							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 982 044,520	29,977	29,514	50	68	84 895	21 867,011	289 110,201	13,221	12,758
1	19	99 053	96 402,175	2 882 565,569	29,901	29,439	51	69	83 704	20 983,282	267 243,189	12,736	12,273
2	20	98 997	93 768,504	2 786 163,394	29,713	29,250	52	70	82 389	20 100,738	246 259,908	12,251	11,788
3	21	98 957	91 222,068	2 692 394,890	29,515	29,052	53	71	80 976	19 227,360	226 159,170	11,762	11,300
4	22	98 920	88 748,010	2 601 172,822	29,310	28,847	54	72	79 437	18 357,145	206 931,810	11,273	10,810
5	23	98 883	86 340,468	2 512 424,812	29,099	28,636	55	73	77 707	17 476,643	188 574,665	10,790	10,327
6	24	98 850	84 000,819	2 426 084,344	28,882	28,419	56	74	75 833	16 598,740	171 098,022	10,308	9,845
7	25	98 817	81 725,419	2 342 083,525	28,658	28,195	57	75	73 814	15 724,310	154 499,282	9,826	9,363
8	26	98 785	79 512,705	2 260 358,106	28,428	27,965	58	76	71 594	14 843,318	138 774,972	9,349	8,887
9	27	98 749	77 356,516	2 180 845,401	28,192	27,729	59	77	69 162	13 955,376	123 931,654	8,881	8,418
10	28	98 715	75 260,252	2 103 488,885	27,950	27,487	60	78	66 515	13 062,046	109 976,279	8,420	7,957
11	29	98 681	73 220,415	2 028 228,633	27,700	27,237	61	79	63 621	12 159,353	96 914,232	7,970	7,508
12	30	98 644	71 234,053	1 955 008,218	27,445	26,982	62	80	60 544	11 261,506	84 754,879	7,526	7,063
13	31	98 606	69 301,272	1 883 774,165	27,182	26,720	63	81	57 206	10 355,829	73 493,373	7,097	6,634
14	32	98 566	67 418,601	1 814 472,893	26,914	26,451	64	82	53 660	9 453,997	63 137,544	6,678	6,216
15	33	98 515	65 580,668	1 747 054,292	26,640	26,177	65	83	49 881	8 553,008	53 683,548	6,277	5,814
16	34	98 460	63 789,632	1 681 473,624	26,360	25,897	66	84	45 914	7 662,056	45 130,539	5,890	5,427
17	35	98 391	62 038,771	1 617 683,992	26,075	25,613	67	85	41 808	6 790,164	37 468,483	5,518	5,055
18	36	98 315	60 332,029	1 555 645,220	25,785	25,322	68	86	37 553	5 935,790	30 678,319	5,168	4,706
19	37	98 215	58 657,306	1 495 313,192	25,492	25,030	69	87	33 257	5 116,035	24 742,529	4,836	4,373
20	38	98 110	57 026,221	1 436 655,886	25,193	24,730	70	88	28 807	4 312,905	19 626,494	4,551	4,088
21	39	97 993	55 434,114	1 379 629,665	24,888	24,425	71	89	24 599	3 584,259	15 313,590	4,272	3,810
22	40	97 869	53 882,132	1 324 195,551	24,576	24,113	72	90	20 614	2 923,249	11 729,331	4,012	3,550
23	41	97 744	52 373,168	1 270 313,419	24,255	23,792	73	91	17 048	2 352,891	8 806,081	3,743	3,280
24	42	97 609	50 901,048	1 217 940,251	23,928	23,465	74	92	13 644	1 832,732	6 453,190	3,521	3,058
25	43	97 461	49 463,358	1 167 039,203	23,594	23,131	75	93	10 666	1 394,380	4 620,458	3,314	2,851
26	44	97 300	48 060,207	1 117 575,845	23,254	22,791	76	94	8 124	1 033,558	3 226,078	3,121	2,659
27	45	97 131	46 692,498	1 069 515,637	22,906	22,443	77	95	6 015	744,765	2 192,520	2,944	2,481
28	46	96 938	45 352,633	1 022 823,139	22,553	22,090	78	96	4 319	520,431	1 447,755	2,782	2,319
29	47	96 728	44 043,050	977 470,506	22,194	21,731	79	97	3 002	352,050	927,323	2,634	2,171
30	48	96 498	42 762,366	933 427,456	21,828	21,365	80	98	2 019	230,474	575,273	2,496	2,033
31	49	96 255	41 513,163	890 665,091	21,455	20,992	81	99	1 309	145,457	344,799	2,370	1,908
32	50	95 982	40 287,696	849 151,928	21,077	20,614	82	100	818	88,414	199,342	2,255	1,792
33	51	95 687	39 088,622	808 864,232	20,693	20,230							
34	52	95 379	37 920,139	769 775,611	20,300	19,837							
35	53	95 038	36 773,251	731 855,472	19,902	19,439							
36	54	94 667	35 649,400	695 082,221	19,498	19,035							
37	55	94 279	34 553,187	659 432,821	19,085	18,622							
38	56	93 847	33 474,333	624 879,633	18,667	18,205							
39	57	93 391	32 419,917	591 405,300	18,242	17,779							
40	58	92 896	31 385,153	558 985,383	17,811	17,348							
41	59	92 346	30 364,431	527 600,230	17,376	16,913							
42	60	91 769	29 366,862	497 235,800	16,932	16,469							
43	61	91 120	28 378,773	467 868,937	16,487	16,024							
44	62	90 427	27 409,403	439 490,164	16,034	15,571							
45	63	89 669	26 452,021	412 080,761	15,578	15,116							
46	64	88 856	25 510,739	385 628,740	15,116	14,654							
47	65	87 974	24 581,417	360 118,001	14,650	14,187							
48	66	87 023	23 664,864	335 536,584	14,179	13,716							
49	67	86 002	22 761,519	311 871,720	13,702	13,239							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 966 647,051	29,828	29,366	50	69	84 063	21 652,821	277 478,098	12,815	12,352
1	20	99 032	96 381,443	2 867 189,830	29,748	29,286	51	70	82 786	20 753,144	255 825,277	12,327	11,864
2	21	98 976	93 748,720	2 770 808,386	29,556	29,093	52	71	81 404	19 860,570	235 072,133	11,836	11,373
3	22	98 935	91 202,351	2 677 059,666	29,353	28,890	53	72	79 896	18 970,809	215 211,563	11,344	10,882
4	23	98 898	88 727,616	2 585 857,316	29,144	28,681	54	73	78 208	18 073,066	196 240,754	10,858	10,395
5	24	98 861	86 320,829	2 497 129,700	28,928	28,466	55	74	76 360	17 173,679	178 167,689	10,374	9,912
6	25	98 827	83 981,721	2 410 808,870	28,706	28,244	56	75	74 367	16 277,985	160 994,010	9,890	9,427
7	26	98 795	81 707,207	2 326 827,149	28,478	28,015	57	76	72 169	15 373,954	144 716,025	9,413	8,950
8	27	98 759	79 491,463	2 245 119,942	28,244	27,781	58	77	69 779	14 467,074	129 342,071	8,940	8,478
9	28	98 724	77 336,548	2 165 628,480	28,003	27,540	59	78	67 160	13 551,308	114 874,997	8,477	8,014
10	29	98 690	75 240,704	2 088 291,932	27,755	27,292	60	79	64 303	12 627,627	101 323,689	8,024	7,561
11	30	98 653	73 200,107	2 013 051,227	27,501	27,038	61	80	61 232	11 702,762	88 696,062	7,579	7,116
12	31	98 617	71 214,504	1 939 851,121	27,240	26,777	62	81	57 918	10 773,059	76 993,300	7,147	6,684
13	32	98 574	69 278,678	1 868 636,617	26,973	26,510	63	82	54 374	9 843,259	66 220,242	6,727	6,265
14	33	98 531	67 395,251	1 799 357,939	26,699	26,236	64	83	50 609	8 916,368	56 376,983	6,323	5,860
15	34	98 480	65 556,941	1 731 962,688	26,419	25,956	65	84	46 641	7 997,413	47 460,614	5,934	5,472
16	35	98 420	63 763,745	1 666 405,747	26,134	25,671	66	85	42 517	7 095,173	39 463,202	5,562	5,099
17	36	98 349	62 012,333	1 602 642,002	25,844	25,381	67	86	38 242	6 210,995	32 368,029	5,211	4,749
18	37	98 269	60 303,895	1 540 629,669	25,548	25,085	68	87	33 923	5 362,104	26 157,034	4,878	4,415
19	38	98 163	58 626,411	1 480 325,774	25,250	24,787	69	88	29 443	4 529,423	20 794,930	4,591	4,128
20	39	98 052	56 992,600	1 421 699,363	24,945	24,483	70	89	25 193	3 771,799	16 265,508	4,312	3,850
21	40	97 924	55 395,130	1 364 706,763	24,636	24,173	71	90	21 160	3 083,292	12 493,709	4,052	3,589
22	41	97 799	53 843,726	1 309 311,634	24,317	23,854	72	91	17 559	2 490,034	9 410,417	3,779	3,316
23	42	97 663	52 329,647	1 255 467,908	23,992	23,529	73	92	14 096	1 945,502	6 920,384	3,557	3,094
24	43	97 517	50 852,898	1 203 138,261	23,659	23,196	74	93	11 066	1 486,377	4 974,882	3,347	2,884
25	44	97 358	49 411,147	1 152 285,363	23,320	22,858	75	94	8 460	1 105,907	3 488,505	3,154	2,692
26	45	97 190	48 005,860	1 102 874,216	22,974	22,511	76	95	6 293	800,602	2 382,599	2,976	2,513
27	46	96 999	46 629,343	1 054 868,356	22,622	22,160	77	96	4 544	562,709	1 581,996	2,811	2,349
28	47	96 788	45 282,295	1 008 239,012	22,266	21,803	78	97	3 179	383,042	1 019,288	2,661	2,198
29	48	96 560	43 966,617	962 956,718	21,902	21,439	79	98	2 149	252,084	636,245	2,524	2,061
30	49	96 319	42 683,129	918 990,101	21,531	21,068	80	99	1 405	160,345	384,161	2,396	1,933
31	50	96 053	41 426,314	876 306,972	21,153	20,691	81	100	884	98,197	223,816	2,279	1,816
32	51	95 758	40 193,565	834 880,658	20,772	20,309							
33	52	95 448	38 991,260	794 687,093	20,381	19,918							
34	53	95 115	37 815,068	755 695,832	19,984	19,521							
35	54	94 749	36 661,490	717 880,764	19,581	19,119							
36	55	94 365	35 535,816	681 219,274	19,170	18,707							
37	56	93 940	34 428,881	645 683,458	18,754	18,291							
38	57	93 491	33 347,368	611 254,577	18,330	17,867							
39	58	93 005	32 286,144	577 907,209	17,900	17,437							
40	59	92 473	31 242,047	545 621,065	17,464	17,001							
41	60	91 905	30 219,339	514 379,017	17,022	16,559							
42	61	91 267	29 206,288	484 159,679	16,577	16,114							
43	62	90 602	28 217,427	454 953,391	16,123	15,660							
44	63	89 860	27 237,415	426 735,964	15,667	15,204							
45	64	89 071	26 275,622	399 498,549	15,204	14,741							
46	65	88 217	25 327,168	373 222,927	14,736	14,273							
47	66	87 293	24 391,097	347 895,758	14,263	13,800							
48	67	86 307	23 470,345	323 504,662	13,784	13,321							
49	68	85 227	22 556,219	300 034,317	13,302	12,839							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 950 624,389	29,674	29,211	50	70	83 141	21 415,340	265 528,352	12,399	11,936
1	21	99 011	96 361,108	2 851 188,557	29,589	29,126	51	71	81 797	20 505,181	244 113,012	11,905	11,442
2	22	98 954	93 728,456	2 754 827,449	29,392	28,929	52	72	80 318	19 595,570	223 607,831	11,411	10,948
3	23	98 913	91 181,393	2 661 098,992	29,185	28,722	53	73	78 659	18 677,233	204 012,260	10,923	10,460
4	24	98 875	88 707,434	2 569 917,599	28,971	28,508	54	74	76 852	17 759,762	185 335,027	10,436	9,973
5	25	98 838	86 301,204	2 481 210,165	28,751	28,288	55	75	74 884	16 841,813	167 575,266	9,950	9,487
6	26	98 805	83 963,007	2 394 908,961	28,523	28,061	56	76	72 711	15 915,293	150 733,453	9,471	9,008
7	27	98 768	81 685,378	2 310 945,954	28,291	27,828	57	77	70 340	14 984,260	134 818,160	8,997	8,534
8	28	98 733	79 470,943	2 229 260,576	28,051	27,588	58	78	67 759	14 048,190	119 833,900	8,530	8,067
9	29	98 698	77 316,461	2 149 789,633	27,805	27,342	59	79	64 926	13 100,617	105 785,710	8,075	7,612
10	30	98 662	75 219,836	2 072 473,172	27,552	27,089	60	80	61 888	12 153,452	92 685,093	7,626	7,163
11	31	98 626	73 180,018	1 997 253,336	27,292	26,830	61	81	58 576	11 195,175	80 531,641	7,193	6,731
12	32	98 585	71 191,286	1 924 073,319	27,027	26,564	62	82	55 051	10 239,838	69 336,466	6,771	6,308
13	33	98 540	69 254,684	1 852 882,033	26,755	26,292	63	83	51 282	9 283,495	59 096,628	6,366	5,903
14	34	98 496	67 370,868	1 783 627,349	26,475	26,012	64	84	47 321	8 337,169	49 813,134	5,975	5,512
15	35	98 440	65 530,337	1 716 256,481	26,190	25,727	65	85	43 190	7 405,718	41 475,964	5,601	5,138
16	36	98 378	63 736,572	1 650 726,144	25,899	25,436	66	86	38 891	6 489,987	34 070,246	5,250	4,787
17	37	98 303	61 983,416	1 586 989,573	25,603	25,141	67	87	34 546	5 610,711	27 580,260	4,916	4,453
18	38	98 218	60 272,133	1 525 006,157	25,302	24,839	68	88	30 034	4 747,277	21 969,549	4,628	4,165
19	39	98 105	58 591,847	1 464 734,024	24,999	24,536	69	89	25 749	3 961,152	17 222,272	4,348	3,885
20	40	97 983	56 952,519	1 406 142,177	24,690	24,227	70	90	21 672	3 244,619	13 261,120	4,087	3,624
21	41	97 854	55 355,644	1 349 189,658	24,373	23,910	71	91	18 025	2 626,358	10 016,501	3,814	3,351
22	42	97 718	53 798,983	1 293 834,014	24,049	23,587	72	92	14 519	2 058,899	7 390,142	3,589	3,127
23	43	97 571	52 280,146	1 240 035,031	23,719	23,256	73	93	11 432	1 577,834	5 331,244	3,379	2,916
24	44	97 414	50 799,220	1 187 754,885	23,381	22,919	74	94	8 777	1 178,871	3 753,409	3,184	2,721
25	45	97 248	49 355,272	1 136 955,665	23,036	22,573	75	95	6 553	856,644	2 574,539	3,005	2,543
26	46	97 059	47 940,929	1 087 600,393	22,686	22,223	76	96	4 754	604,897	1 717,894	2,840	2,377
27	47	96 849	46 557,025	1 039 659,464	22,331	21,868	77	97	3 345	414,159	1 112,998	2,687	2,225
28	48	96 620	45 203,711	993 102,439	21,969	21,507	78	98	2 276	274,276	698,839	2,548	2,085
29	49	96 381	43 885,148	947 898,728	21,600	21,137	79	99	1 495	175,380	424,563	2,421	1,958
30	50	96 117	42 593,833	904 013,579	21,224	20,761	80	100	948	108,248	249,184	2,302	1,839
31	51	95 829	41 329,523	861 419,747	20,843	20,380							
32	52	95 519	40 093,452	820 090,224	20,454	19,992							
33	53	95 184	38 883,222	779 996,772	20,060	19,597							
34	54	94 826	37 700,141	741 113,550	19,658	19,195							
35	55	94 447	36 544,681	703 413,409	19,248	18,785							
36	56	94 026	35 407,975	666 868,728	18,834	18,371							
37	57	93 584	34 298,296	631 460,753	18,411	17,948							
38	58	93 106	33 209,768	597 162,457	17,982	17,519							
39	59	92 581	32 138,930	563 952,689	17,547	17,085							
40	60	92 031	31 092,762	531 813,759	17,104	16,641							
41	61	91 403	30 054,103	500 720,997	16,661	16,198							
42	62	90 748	29 040,236	470 666,894	16,207	15,745							
43	63	90 033	28 040,369	441 626,658	15,750	15,287							
44	64	89 261	27 055,779	413 586,289	15,286	14,824							
45	65	88 430	26 086,548	386 530,510	14,817	14,354							
46	66	87 534	25 131,074	360 443,963	14,343	13,880							
47	67	86 575	24 190,608	335 312,888	13,861	13,398							
48	68	85 529	23 258,651	311 122,280	13,377	12,914							
49	69	84 392	22 335,277	287 863,629	12,888	12,425							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 933 968,033	29,512	29,050	50	71	82 148	21 159,465	253 285,706	11,970	11,508
1	22	98 990	96 340,280	2 834 553,180	29,422	28,959	51	72	80 706	20 231,581	232 126,241	11,473	11,011
2	23	98 932	93 706,918	2 738 212,901	29,221	28,758	52	73	79 075	19 292,326	211 894,660	10,983	10,521
3	24	98 890	91 160,653	2 644 505,982	29,009	28,546	53	74	77 296	18 353,455	192 602,334	10,494	10,031
4	25	98 853	88 687,266	2 553 345,329	28,790	28,328	54	75	75 367	17 416,571	174 248,879	10,005	9,542
5	26	98 816	86 281,973	2 464 658,063	28,565	28,102	55	76	73 216	16 466,558	156 832,308	9,524	9,061
6	27	98 779	83 940,575	2 378 376,090	28,334	27,871	56	77	70 867	15 511,877	140 365,750	9,049	8,586
7	28	98 743	81 664,292	2 294 435,515	28,096	27,633	57	78	68 303	14 550,401	124 853,873	8,581	8,118
8	29	98 708	79 450,302	2 212 771,223	27,851	27,388	58	79	65 505	13 580,974	110 303,472	8,122	7,659
9	30	98 671	77 295,016	2 133 320,921	27,600	27,137	59	80	62 488	12 608,681	96 722,498	7,671	7,208
10	31	98 635	75 199,192	2 056 025,904	27,341	26,878	60	81	59 204	11 626,318	84 113,817	7,235	6,772
11	32	98 594	73 156,159	1 980 826,712	27,077	26,614	61	82	55 677	10 641,061	72 487,499	6,812	6,349
12	33	98 550	71 166,629	1 907 670,553	26,806	26,343	62	83	51 921	9 657,520	61 846,438	6,404	5,941
13	34	98 504	69 229,628	1 836 503,924	26,528	26,065	63	84	47 951	8 680,447	52 188,917	6,012	5,549
14	35	98 456	67 343,527	1 767 274,296	26,243	25,780	64	85	43 820	7 720,337	43 508,470	5,636	5,173
15	36	98 398	65 502,411	1 699 930,769	25,952	25,489	65	86	39 506	6 774,044	35 788,133	5,283	4,820
16	37	98 332	63 706,850	1 634 428,358	25,655	25,193	66	87	35 132	5 862,739	29 014,089	4,949	4,486
17	38	98 251	61 950,769	1 570 721,507	25,354	24,892	67	88	30 585	4 967,378	23 151,350	4,661	4,198
18	39	98 160	60 236,598	1 508 770,738	25,047	24,585	68	89	26 266	4 151,674	18 183,972	4,380	3,917
19	40	98 036	58 550,641	1 448 534,140	24,740	24,277	69	90	22 150	3 407,507	14 032,298	4,118	3,655
20	41	97 913	56 911,923	1 389 983,499	24,423	23,961	70	91	18 460	2 763,778	10 624,792	3,844	3,381
21	42	97 773	55 309,645	1 333 071,575	24,102	23,639	71	92	14 904	2 171,620	7 861,014	3,620	3,157
22	43	97 626	53 748,092	1 277 761,930	23,773	23,310	72	93	11 775	1 669,801	5 689,394	3,407	2,944
23	44	97 468	52 224,962	1 224 013,839	23,437	22,975	73	94	9 067	1 251,407	4 019,593	3,212	2,749
24	45	97 304	50 741,775	1 171 788,877	23,093	22,630	74	95	6 798	913,163	2 768,186	3,031	2,569
25	46	97 116	49 288,516	1 121 047,101	22,745	22,282	75	96	4 951	647,239	1 855,023	2,866	2,403
26	47	96 908	47 866,577	1 071 758,586	22,391	21,928	76	97	3 499	445,210	1 207,784	2,713	2,250
27	48	96 681	46 476,229	1 023 892,009	22,030	21,568	77	98	2 395	296,556	762,574	2,571	2,109
28	49	96 441	45 119,950	977 415,780	21,663	21,200	78	99	1 583	190,819	466,018	2,442	1,979
29	50	96 179	43 793,338	932 295,829	21,289	20,826	79	100	1 010	118,398	275,199	2,324	1,862
30	51	95 893	42 494,314	888 502,492	20,909	20,446							
31	52	95 590	41 226,580	846 008,178	20,521	20,058							
32	53	95 255	39 982,359	804 781,598	20,128	19,666							
33	54	94 894	38 765,048	764 799,239	19,729	19,266							
34	55	94 523	37 580,023	726 034,190	19,320	18,857							
35	56	94 107	36 413,210	688 454,167	18,907	18,444							
36	57	93 669	35 273,676	652 040,957	18,485	18,022							
37	58	93 198	34 156,772	616 767,281	18,057	17,594							
38	59	92 681	33 058,343	582 610,509	17,624	17,161							
39	60	92 139	31 985,359	549 552,166	17,181	16,719							
40	61	91 527	30 922,750	517 566,807	16,737	16,275							
41	62	90 883	29 883,231	486 644,056	16,285	15,822							
42	63	90 179	28 858,015	456 760,825	15,828	15,365							
43	64	89 433	27 853,378	427 902,810	15,363	14,900							
44	65	88 618	26 861,091	400 049,432	14,893	14,430							
45	66	87 745	25 884,574	373 188,342	14,417	13,955							
46	67	86 814	24 924,503	347 303,767	13,934	13,471							
47	68	85 794	23 972,418	322 379,264	13,448	12,985							
48	69	84 691	23 030,829	298 406,847	12,957	12,494							
49	70	83 466	22 090,312	275 376,017	12,466	12,003							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 916 669,011	29,345	28,882	50	72	81 052	20 877,135	240 770,430	11,533	11,070
1	23	98 967	96 318,141	2 817 275,647	29,250	28,787	51	73	79 457	19 918,494	219 893,295	11,040	10,577
2	24	98 909	93 685,604	2 720 957,506	29,043	28,581	52	74	77 704	18 957,886	199 974,801	10,548	10,086
3	25	98 868	91 139,928	2 627 271,902	28,827	28,364	53	75	75 802	17 998,792	181 016,915	10,057	9,594
4	26	98 831	88 667,503	2 536 131,974	28,603	28,140	54	76	73 688	17 028,509	163 018,123	9,573	9,110
5	27	98 790	86 258,922	2 447 464,471	28,373	27,911	55	77	71 360	16 049,169	145 989,614	9,096	8,634
6	28	98 753	83 918,907	2 361 205,550	28,137	27,674	56	78	68 816	15 062,742	129 940,445	8,627	8,164
7	29	98 717	81 643,081	2 277 286,642	27,893	27,430	57	79	66 031	14 066,482	114 877,703	8,167	7,704
8	30	98 680	79 428,266	2 195 643,561	27,643	27,180	58	80	63 046	13 071,000	100 811,221	7,713	7,250
9	31	98 644	77 273,804	2 116 215,295	27,386	26,923	59	81	59 778	12 061,802	87 740,221	7,274	6,811
10	32	98 603	75 174,675	2 038 941,492	27,123	26,660	60	82	56 274	11 050,864	75 678,419	6,848	6,385
11	33	98 560	73 130,822	1 963 766,816	26,853	26,390	61	83	52 511	10 035,928	64 627,555	6,440	5,977
12	34	98 515	71 140,882	1 890 635,994	26,576	26,113	62	84	48 548	9 030,177	54 591,628	6,045	5,583
13	35	98 464	69 201,533	1 819 495,113	26,293	25,830	63	85	44 403	8 038,217	45 561,451	5,668	5,205
14	36	98 414	67 314,829	1 750 293,580	26,002	25,539	64	86	40 082	7 061,828	37 523,234	5,314	4,851
15	37	98 352	65 471,866	1 682 978,751	25,705	25,243	65	87	35 688	6 119,342	30 461,406	4,978	4,515
16	38	98 280	63 673,296	1 617 506,885	25,403	24,940	66	88	31 104	5 190,508	24 342,064	4,690	4,227
17	39	98 193	61 914,245	1 553 833,589	25,097	24,634	67	89	26 748	4 344,161	19 151,555	4,409	3,946
18	40	98 091	60 194,236	1 491 919,344	24,785	24,322	68	90	22 595	3 571,400	14 807,395	4,146	3,683
19	41	97 966	58 508,907	1 431 725,108	24,470	24,007	69	91	18 868	2 902,526	11 235,995	3,871	3,408
20	42	97 832	56 864,631	1 373 216,201	24,149	23,686	70	92	15 264	2 285,246	8 333,469	3,647	3,184
21	43	97 681	55 257,325	1 316 351,570	23,822	23,359	71	93	12 087	1 761,220	6 048,224	3,434	2,971
22	44	97 522	53 691,358	1 261 094,245	23,488	23,025	72	94	9 339	1 324,348	4 287,004	3,237	2,774
23	45	97 357	52 165,905	1 207 402,887	23,145	22,683	73	95	7 024	969,350	2 962,656	3,056	2,594
24	46	97 172	50 673,144	1 155 236,983	22,798	22,335	74	96	5 137	689,942	1 993,306	2,889	2,426
25	47	96 966	49 212,074	1 104 563,839	22,445	21,982	75	97	3 644	476,374	1 303,364	2,736	2,273
26	48	96 740	47 783,508	1 055 351,765	22,086	21,623	76	98	2 506	318,790	826,990	2,594	2,131
27	49	96 502	46 390,111	1 007 568,257	21,719	21,257	77	99	1 666	206,320	508,200	2,463	2,000
28	50	96 239	45 025,556	961 178,146	21,347	20,885	78	100	1 069	128,821	301,879	2,343	1,881
29	51	95 954	43 691,016	916 152,590	20,969	20,506							
30	52	95 654	42 388,469	872 461,574	20,583	20,120							
31	53	95 325	41 112,348	830 073,105	20,190	19,728							
32	54	94 965	39 860,845	788 960,757	19,793	19,330							
33	55	94 592	38 641,537	749 099,911	19,386	18,923							
34	56	94 183	37 444,828	710 458,374	18,973	18,511							
35	57	93 750	36 275,099	673 013,547	18,553	18,090							
36	58	93 283	35 128,127	636 738,448	18,126	17,663							
37	59	92 773	34 001,029	601 610,321	17,694	17,231							
38	60	92 238	32 900,379	567 609,292	17,252	16,790							
39	61	91 635	31 810,467	534 708,913	16,809	16,346							
40	62	91 007	30 746,940	502 898,446	16,356	15,893							
41	63	90 313	29 695,721	472 151,506	15,900	15,437							
42	64	89 577	28 665,572	442 455,785	15,435	14,972							
43	65	88 789	27 652,950	413 790,213	14,964	14,501							
44	66	87 932	26 653,120	386 137,263	14,488	14,025							
45	67	87 024	25 671,809	359 484,143	14,003	13,540							
46	68	86 031	24 699,693	333 812,334	13,515	13,052							
47	69	84 954	23 737,604	309 112,641	13,022	12,559							
48	70	83 762	22 778,235	285 375,036	12,528	12,066							
49	71	82 469	21 826,372	262 596,801	12,031	11,568							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 898 718,833	29,171	28,708	50	73	79 797	20 554,058	228 011,488	11,093	10,630
1	24	98 944	96 296,233	2 799 348,309	29,070	28,607	51	74	78 079	19 573,199	207 457,430	10,599	10,136
2	25	98 887	93 664,304	2 703 052,076	28,859	28,396	52	75	76 203	18 591,542	187 884,231	10,106	9,643
3	26	98 846	91 119,618	2 609 387,772	28,637	28,174	53	76	74 113	17 597,758	169 292,689	9,620	9,157
4	27	98 804	88 643,815	2 518 268,154	28,409	27,946	54	77	71 820	16 596,876	151 694,931	9,140	8,677
5	28	98 765	86 236,655	2 429 624,339	28,174	27,711	55	78	69 294	15 584,477	135 098,055	8,669	8,206
6	29	98 727	83 897,111	2 343 387,684	27,932	27,469	56	79	66 527	14 561,783	119 513,578	8,207	7,745
7	30	98 690	81 620,437	2 259 490,573	27,683	27,220	57	80	63 552	13 538,277	104 951,795	7,752	7,289
8	31	98 653	79 406,467	2 177 870,136	27,427	26,964	58	81	60 311	12 504,069	91 413,518	7,311	6,848
9	32	98 611	77 248,610	2 098 463,669	27,165	26,702	59	82	56 819	11 464,794	78 909,449	6,883	6,420
10	33	98 569	75 148,639	2 021 215,059	26,896	26,433	60	83	53 074	10 422,426	67 444,655	6,471	6,008
11	34	98 524	73 104,364	1 946 066,419	26,620	26,158	61	84	49 100	9 384,003	57 022,230	6,077	5,614
12	35	98 475	71 112,011	1 872 962,056	26,338	25,875	62	85	44 956	8 362,072	47 638,227	5,697	5,234
13	36	98 423	69 172,042	1 801 850,044	26,049	25,586	63	86	40 616	7 352,594	39 276,155	5,342	4,879
14	37	98 368	67 283,439	1 732 678,002	25,752	25,289	64	87	36 209	6 379,312	31 923,561	5,004	4,541
15	38	98 300	65 437,382	1 665 394,563	25,450	24,987	65	88	31 596	5 417,689	25 544,249	4,715	4,252
16	39	98 222	63 635,756	1 599 957,181	25,142	24,680	66	89	27 201	4 539,296	20 126,560	4,434	3,971
17	40	98 124	61 870,703	1 536 321,425	24,831	24,368	67	90	23 009	3 736,983	15 587,263	4,171	3,708
18	41	98 021	60 151,330	1 474 450,722	24,512	24,050	68	91	19 246	3 042,130	11 850,280	3,895	3,433
19	42	97 885	58 460,287	1 414 299,392	24,192	23,730	69	92	15 601	2 399,970	8 808,150	3,670	3,207
20	43	97 739	56 810,840	1 355 839,105	23,866	23,403	70	93	12 379	1 853,372	6 408,180	3,458	2,995
21	44	97 577	55 198,998	1 299 028,265	23,534	23,071	71	94	9 587	1 396,853	4 554,807	3,261	2,798
22	45	97 412	53 630,643	1 243 829,267	23,193	22,730	72	95	7 234	1 025,851	3 157,954	3,078	2,616
23	46	97 226	52 095,347	1 190 198,624	22,847	22,384	73	96	5 307	732,394	2 132,103	2,911	2,448
24	47	97 021	50 594,554	1 138 103,277	22,495	22,032	74	97	3 781	507,804	1 399,709	2,756	2,294
25	48	96 797	49 126,670	1 087 508,723	22,137	21,674	75	98	2 609	341,105	891,905	2,615	2,152
26	49	96 561	47 694,967	1 038 382,053	21,771	21,308	76	99	1 743	221,788	550,800	2,483	2,021
27	50	96 300	46 293,059	990 687,086	21,400	20,938	77	100	1 125	139,286	329,011	2,362	1,899
28	51	96 014	44 920,356	944 394,027	21,024	20,561							
29	52	95 715	43 582,191	899 473,671	20,639	20,176							
30	53	95 389	42 271,018	855 891,480	20,248	19,785							
31	54	95 036	40 987,400	813 620,462	19,851	19,388							
32	55	94 663	39 733,843	772 633,062	19,445	18,982							
33	56	94 252	38 502,523	732 899,219	19,035	18,572							
34	57	93 826	37 302,803	694 396,696	18,615	18,152							
35	58	93 363	36 125,418	657 093,893	18,189	17,726							
36	59	92 857	34 967,955	620 968,475	17,758	17,295							
37	60	92 329	33 838,560	586 000,520	17,318	16,855							
38	61	91 734	32 720,483	552 161,960	16,875	16,412							
39	62	91 114	31 629,610	519 441,477	16,423	15,960							
40	63	90 436	30 554,010	487 811,867	15,966	15,503							
41	64	89 710	29 497,691	457 257,857	15,501	15,039							
42	65	88 933	28 459,300	427 760,166	15,031	14,568							
43	66	88 102	27 438,849	399 300,866	14,552	14,090							
44	67	87 210	26 434,038	371 862,018	14,068	13,605							
45	68	86 239	25 440,259	345 427,980	13,578	13,115							
46	69	85 188	24 457,756	319 987,720	13,083	12,620							
47	70	84 022	23 477,258	295 529,964	12,588	12,125							
48	71	82 761	22 506,076	272 052,706	12,088	11,625							
49	72	81 369	21 535,143	249 546,630	11,588	11,125							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 880 109,427	28,990	28,527	50	74	78 414	20 197,745	215 053,226	10,647	10,185
1	25	98 922	96 274,340	2 780 761,505	28,884	28,421	51	75	76 570	19 194,965	194 855,481	10,151	9,689
2	26	98 865	93 643,432	2 684 487,165	28,667	28,204	52	76	74 505	18 177,301	175 660,516	9,664	9,201
3	27	98 819	91 095,274	2 590 843,733	28,441	27,978	53	77	72 234	17 151,696	157 483,215	9,182	8,719
4	28	98 779	88 620,933	2 499 748,459	28,207	27,744	54	78	69 740	16 116,325	140 331,520	8,707	8,245
5	29	98 739	86 214,257	2 411 127,526	27,967	27,504	55	79	66 989	15 066,167	124 215,194	8,245	7,782
6	30	98 700	83 873,841	2 324 913,269	27,719	27,256	56	80	64 029	14 014,979	109 149,028	7,788	7,325
7	31	98 663	81 598,037	2 241 039,428	27,464	27,002	57	81	60 795	12 951,079	95 134,048	7,346	6,883
8	32	98 621	79 380,579	2 159 441,391	27,204	26,741	58	82	57 326	11 885,170	82 182,970	6,915	6,452
9	33	98 577	77 221,856	2 080 060,812	26,936	26,473	59	83	53 588	10 812,816	70 297,799	6,501	6,039
10	34	98 533	75 121,451	2 002 838,956	26,661	26,199	60	84	49 626	9 745,394	59 484,984	6,104	5,641
11	35	98 484	73 074,697	1 927 717,505	26,380	25,917	61	85	45 467	8 689,720	49 739,589	5,724	5,261
12	36	98 433	71 081,706	1 854 642,809	26,092	25,629	62	86	41 121	7 648,825	41 049,869	5,367	4,904
13	37	98 377	69 139,786	1 783 561,102	25,796	25,334	63	87	36 690	6 641,976	33 401,044	5,029	4,566
14	38	98 316	67 248,000	1 714 421,316	25,494	25,031	64	88	32 057	5 647,850	26 759,068	4,738	4,275
15	39	98 242	65 398,802	1 647 173,316	25,187	24,724	65	89	27 632	4 737,975	21 111,217	4,456	3,993
16	40	98 153	63 591,004	1 581 774,513	24,874	24,411	66	90	23 399	3 904,845	16 373,243	4,193	3,730
17	41	98 054	61 826,602	1 518 183,510	24,556	24,093	67	91	19 599	3 183,175	12 468,398	3,917	3,454
18	42	97 939	60 101,346	1 456 356,908	24,232	23,769	68	92	15 914	2 515,403	9 285,223	3,691	3,229
19	43	97 792	58 404,987	1 396 255,562	23,906	23,444	69	93	12 653	1 946,416	6 769,820	3,478	3,015
20	44	97 636	56 750,873	1 337 850,575	23,574	23,111	70	94	9 818	1 469,941	4 823,404	3,281	2,819
21	45	97 467	55 136,578	1 281 099,702	23,235	22,772	71	95	7 426	1 082,014	3 353,463	3,099	2,636
22	46	97 280	53 558,104	1 225 963,124	22,890	22,428	72	96	5 466	775,083	2 271,449	2,931	2,468
23	47	97 075	52 014,551	1 172 405,020	22,540	22,077	73	97	3 906	539,049	1 496,365	2,776	2,313
24	48	96 853	50 506,751	1 120 390,469	22,183	21,720	74	98	2 707	363,610	957,316	2,633	2,170
25	49	96 618	49 035,640	1 069 883,717	21,818	21,356	75	99	1 815	237,314	593,706	2,502	2,039
26	50	96 359	47 595,186	1 020 848,077	21,449	20,986	76	100	1 177	149,728	356,392	2,380	1,917
27	51	96 075	46 184,897	973 252,891	21,073	20,610							
28	52	95 775	44 808,469	927 067,994	20,690	20,227							
29	53	95 450	43 461,432	882 259,525	20,300	19,837							
30	54	95 099	42 142,548	838 798,093	19,904	19,441							
31	55	94 733	40 856,808	796 655,545	19,499	19,036							
32	56	94 322	39 590,899	755 798,737	19,090	18,627							
33	57	93 894	38 356,487	716 207,838	18,672	18,210							
34	58	93 439	37 148,882	677 851,351	18,247	17,784							
35	59	92 938	35 960,699	640 702,470	17,817	17,354							
36	60	92 414	34 800,866	604 741,771	17,377	16,914							
37	61	91 824	33 653,535	569 940,905	16,936	16,473							
38	62	91 212	32 534,452	536 287,370	16,484	16,021							
39	63	90 542	31 431,141	503 752,918	16,027	15,564							
40	64	89 833	30 350,256	472 321,777	15,562	15,100							
41	65	89 065	29 285,431	441 971,520	15,092	14,629							
42	66	88 244	28 238,955	412 686,089	14,614	14,151							
43	67	87 378	27 213,308	384 447,134	14,127	13,664							
44	68	86 423	26 195,613	357 233,826	13,637	13,174							
45	69	85 394	25 191,068	331 038,214	13,141	12,678							
46	70	84 254	24 189,512	305 847,145	12,644	12,181							
47	71	83 018	23 196,747	281 657,634	12,142	11,679							
48	72	81 657	22 205,777	258 460,886	11,639	11,177							
49	73	80 110	21 201,883	236 255,109	11,143	10,680							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 860 830,628	28,803	28,340	50	75	76 899	19 807,442	201 933,340	10,195	9,732
1	26	98 900	96 252,886	2 761 505,293	28,690	28,227	51	76	74 864	18 767,279	182 125,898	9,704	9,242
2	27	98 838	93 618,414	2 665 252,407	28,469	28,006	52	77	72 616	17 716,548	163 358,619	9,221	8,758
3	28	98 794	91 071,760	2 571 633,993	28,237	27,775	53	78	70 143	16 655,081	145 642,070	8,745	8,282
4	29	98 753	88 597,915	2 480 562,233	27,998	27,535	54	79	67 421	15 580,327	128 986,990	8,279	7,816
5	30	98 712	86 190,344	2 391 964,318	27,752	27,289	55	80	64 474	14 500,422	113 406,663	7,821	7,358
6	31	98 673	83 850,823	2 305 773,974	27,499	27,036	56	81	61 252	13 407,105	98 906,240	7,377	6,914
7	32	98 630	81 571,434	2 221 923,151	27,239	26,776	57	82	57 786	12 310,055	85 499,136	6,945	6,483
8	33	98 587	79 353,086	2 140 351,717	26,973	26,510	58	83	54 066	11 209,287	73 189,081	6,529	6,067
9	34	98 542	77 193,918	2 060 998,632	26,699	26,236	59	84	50 107	10 110,425	61 979,794	6,130	5,667
10	35	98 493	75 090,965	1 983 804,714	26,419	25,956	60	85	45 954	9 024,374	51 869,369	5,748	5,285
11	36	98 442	73 043,555	1 908 713,749	26,131	25,668	61	86	41 589	7 948,527	42 844,995	5,390	4,927
12	37	98 387	71 048,560	1 835 670,194	25,837	25,374	62	87	37 147	6 909,577	34 896,469	5,050	4,588
13	38	98 325	69 103,371	1 764 621,634	25,536	25,073	63	88	32 483	5 880,397	27 986,892	4,759	4,297
14	39	98 258	67 208,353	1 695 518,263	25,228	24,765	64	89	28 035	4 939,259	22 106,494	4,476	4,013
15	40	98 173	65 352,810	1 628 309,910	24,916	24,453	65	90	23 770	4 075,754	17 167,235	4,212	3,749
16	41	98 083	63 545,676	1 562 957,100	24,596	24,133	66	91	19 932	3 326,160	13 091,481	3,936	3,473
17	42	97 973	61 775,225	1 499 411,424	24,272	23,809	67	92	16 206	2 632,026	9 765,321	3,710	3,247
18	43	97 847	60 044,493	1 437 636,199	23,943	23,480	68	93	12 906	2 040,034	7 133,295	3,497	3,034
19	44	97 689	58 343,338	1 377 591,706	23,612	23,149	69	94	10 035	1 543,736	5 093,261	3,299	2,836
20	45	97 525	56 686,698	1 319 248,368	23,273	22,810	70	95	7 605	1 138,629	3 549,525	3,117	2,655
21	46	97 335	55 062,002	1 262 561,670	22,930	22,467	71	96	5 611	817,518	2 410,896	2,949	2,486
22	47	97 130	53 475,040	1 207 499,668	22,581	22,118	72	97	4 023	570,469	1 593,379	2,793	2,330
23	48	96 906	51 924,285	1 154 024,628	22,225	21,762	73	98	2 797	385,983	1 022,910	2,650	2,187
24	49	96 674	50 413,164	1 102 100,343	21,861	21,399	74	99	1 883	252,971	636,926	2,518	2,055
25	50	96 416	48 933,054	1 051 687,179	21,492	21,030	75	100	1 226	160,209	383,956	2,397	1,934
26	51	96 133	47 483,981	1 002 754,125	21,118	20,655							
27	52	95 835	46 069,861	955 270,144	20,735	20,272							
28	53	95 509	44 684,312	909 200,283	20,347	19,884							
29	54	95 160	43 329,345	864 515,971	19,952	19,489							
30	55	94 796	42 008,276	821 186,627	19,548	19,085							
31	56	94 392	40 709,824	779 178,351	19,140	18,677							
32	57	93 964	39 440,735	738 468,527	18,723	18,261							
33	58	93 507	38 198,217	699 027,792	18,300	17,837							
34	59	93 013	36 979,496	660 829,574	17,870	17,407							
35	60	92 494	35 788,866	623 850,078	17,431	16,969							
36	61	91 908	34 610,579	588 061,213	16,991	16,528							
37	62	91 302	33 462,199	553 450,634	16,540	16,077							
38	63	90 640	32 330,306	519 988,435	16,084	15,621							
39	64	89 939	31 221,538	487 658,129	15,619	15,156							
40	65	89 187	30 131,862	456 436,591	15,148	14,685							
41	66	88 375	29 058,690	426 304,729	14,670	14,208							
42	67	87 519	28 006,838	397 246,039	14,184	13,721							
43	68	86 589	26 967,854	369 239,201	13,692	13,229							
44	69	85 576	25 939,023	342 271,347	13,195	12,732							
45	70	84 458	24 914,781	316 332,324	12,697	12,234							
46	71	83 247	23 900,490	291 417,543	12,193	11,730							
47	72	81 910	22 887,233	267 517,053	11,688	11,226							
48	73	80 393	21 862,140	244 629,820	11,190	10,727							
49	74	78 721	20 834,340	222 767,680	10,692	10,230							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	24 005,761	438 459,308	18,265	17,802
1	0	99 594	96 928,281	3 066 500,161	31,637	31,174	51	50	92 606	23 214,796	414 453,547	17,853	17,390
2	1	99 240	93 998,792	2 969 571,880	31,592	31,129	52	51	91 946	22 432,469	391 238,750	17,441	16,978
3	2	99 192	91 439,393	2 875 573,089	31,448	30,985	53	52	91 234	21 663,166	368 806,282	17,025	16,562
4	3	99 162	88 964,329	2 784 133,695	31,295	30,832	54	53	90 460	20 904,327	347 143,116	16,606	16,143
5	4	99 133	86 558,399	2 695 169,367	31,137	30,674	55	54	89 607	20 153,036	326 238,789	16,188	15,725
6	5	99 110	84 221,909	2 608 610,967	30,973	30,510	56	55	88 705	19 416,294	306 085,753	15,764	15,302
7	6	99 090	81 951,739	2 524 389,059	30,803	30,341	57	56	87 728	18 688,398	286 669,459	15,339	14,877
8	7	99 073	79 744,276	2 442 437,320	30,628	30,166	58	57	86 699	17 974,926	267 981,062	14,909	14,446
9	8	99 055	77 596,056	2 362 693,044	30,449	29,986	59	58	85 578	17 267,610	250 006,135	14,478	14,016
10	9	99 040	75 508,103	2 285 096,988	30,263	29,800	60	59	84 370	16 568,282	232 738,525	14,047	13,584
11	10	99 025	73 475,969	2 209 588,885	30,072	29,609	61	60	83 076	15 877,642	216 170,243	13,615	13,152
12	11	99 008	71 496,746	2 136 112,917	29,877	29,414	62	61	81 693	15 195,428	200 292,602	13,181	12,718
13	12	98 989	69 570,405	2 064 616,171	29,677	29,214	63	62	80 230	14 523,877	185 097,174	12,744	12,282
14	13	98 973	67 697,306	1 995 045,766	29,470	29,007	64	63	78 680	13 861,984	170 573,297	12,305	11,842
15	14	98 947	65 868,110	1 927 348,460	29,261	28,798	65	64	77 032	13 208,407	156 711,313	11,865	11,402
16	15	98 915	64 084,478	1 861 480,349	29,047	28,584	66	65	75 285	12 563,477	143 502,906	11,422	10,959
17	16	98 872	62 342,375	1 797 395,871	28,831	28,368	67	66	73 457	11 930,306	130 939,429	10,975	10,513
18	17	98 823	60 643,377	1 735 053,496	28,611	28,148	68	67	71 540	11 307,964	119 009,122	10,524	10,062
19	18	98 750	58 977,164	1 674 410,119	28,391	27,928	69	68	69 501	10 691,724	107 701,159	10,073	9,610
20	19	98 675	57 354,869	1 615 432,954	28,166	27,703	70	69	67 333	10 080,911	97 009,435	9,623	9,160
21	20	98 595	55 774,480	1 558 078,085	27,935	27,473	71	70	65 024	9 474,606	86 928,523	9,175	8,712
22	21	98 518	54 239,675	1 502 303,606	27,698	27,235	72	71	62 587	8 875,485	77 453,918	8,727	8,264
23	22	98 442	52 746,900	1 448 063,930	27,453	26,990	73	72	59 955	8 274,751	68 578,432	8,288	7,825
24	23	98 365	51 295,120	1 395 317,030	27,202	26,739	74	73	57 135	7 674,482	60 303,681	7,858	7,395
25	24	98 286	49 882,148	1 344 021,911	26,944	26,481	75	74	54 118	7 074,679	52 629,200	7,439	6,976
26	25	98 205	48 507,300	1 294 139,763	26,679	26,216	76	75	50 964	6 484,083	45 554,521	7,026	6,563
27	26	98 123	47 169,705	1 245 632,463	26,407	25,945	77	76	47 628	5 897,459	39 070,438	6,625	6,162
28	27	98 035	45 865,943	1 198 462,758	26,130	25,667	78	77	44 114	5 316,117	33 172,979	6,240	5,777
29	28	97 949	44 599,210	1 152 596,815	25,843	25,381	79	78	40 454	4 744,519	27 856,862	5,871	5,409
30	29	97 861	43 366,365	1 107 997,605	25,550	25,087	80	79	36 739	4 193,523	23 112,344	5,511	5,049
31	30	97 768	42 165,973	1 064 631,239	25,249	24,786	81	80	32 958	3 661,303	18 918,820	5,167	4,704
32	31	97 669	40 995,771	1 022 465,266	24,941	24,478	82	81	29 168	3 153,564	15 257,517	4,838	4,375
33	32	97 564	39 855,776	981 469,495	24,626	24,163	83	82	25 442	2 677,041	12 103,953	4,521	4,059
34	33	97 460	38 747,481	941 613,719	24,301	23,838	84	83	21 828	2 235,352	9 426,912	4,217	3,754
35	34	97 346	37 666,343	902 866,238	23,970	23,507	85	84	18 364	1 830,215	7 191,560	3,929	3,467
36	35	97 222	36 611,649	865 199,895	23,632	23,169	86	85	15 087	1 463,391	5 361,346	3,664	3,201
37	36	97 092	35 584,101	828 588,246	23,285	22,823	87	86	12 066	1 139,080	3 897,955	3,422	2,959
38	37	96 951	34 581,391	793 004,144	22,932	22,469	88	87	9 354	859,363	2 758,875	3,210	2,748
39	38	96 796	33 601,912	758 422,754	22,571	22,108	89	88	7 032	628,771	1 899,511	3,021	2,558
40	39	96 625	32 644,945	724 820,842	22,203	21,740	90	89	5 139	447,220	1 270,740	2,841	2,379
41	40	96 425	31 705,606	692 175,897	21,831	21,369	91	90	3 670	310,831	823,520	2,649	2,187
42	41	96 213	30 789,240	660 470,291	21,451	20,989	92	91	2 519	207,637	512,689	2,469	2,006
43	42	95 978	29 892,015	629 681,051	21,065	20,602	93	92	1 630	130,792	305,052	2,332	1,870
44	43	95 703	29 008,572	599 789,035	20,676	20,213	94	93	1 013	79,058	174,259	2,204	1,741
45	44	95 399	28 142,370	570 780,463	20,282	19,819	95	94	600	45,590	95,201	2,088	1,625
46	45	95 061	27 292,248	542 638,093	19,882	19,420	96	95	338	25,015	49,611	1,983	1,520
47	46	94 671	26 452,807	515 345,846	19,482	19,019	97	96	181	13,026	24,596	1,888	1,425
48	47	94 232	25 625,384	488 893,038	19,078	18,616	98	97	92	6,420	11,570	1,802	1,340
49	48	93 736	24 808,346	463 267,654	18,674	18,211	99	98	44	2,987	5,151	1,725	1,262
							100	99	20	1,308	2,164	1,654	1,191

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	24 050,325	442 582,077	18,402	17,940
1							51	49	92 800	23 263,465	418 531,751	17,991	17,528
2	0	99 558	94 300,517	2 974 697,565	31,545	31,082	52	50	92 161	22 485,004	395 268,286	17,579	17,116
3	1	99 221	91 465,400	2 880 397,048	31,492	31,029	53	51	91 462	21 717,259	372 783,282	17,165	16,702
4	2	99 178	88 978,673	2 788 931,649	31,344	30,881	54	52	90 711	20 962,410	351 066,023	16,747	16,285
5	3	99 147	86 570,812	2 699 952,975	31,188	30,725	55	53	89 880	20 214,471	330 103,613	16,330	15,867
6	4	99 122	84 232,004	2 613 382,163	31,026	30,563	56	54	88 989	19 478,355	309 889,142	15,909	15,447
7	5	99 099	81 959,153	2 529 150,159	30,859	30,396	57	55	88 044	18 755,873	290 410,787	15,484	15,021
8	6	99 081	79 750,670	2 447 191,006	30,686	30,223	58	56	87 029	18 043,363	271 654,914	15,056	14,593
9	7	99 063	77 602,539	2 367 440,336	30,507	30,044	59	57	85 932	17 339,156	253 611,551	14,627	14,164
10	8	99 046	75 512,793	2 289 837,797	30,324	29,861	60	58	84 756	16 644,173	236 272,395	14,196	13,733
11	9	99 031	73 480,634	2 214 325,004	30,135	29,672	61	59	83 475	15 953,875	219 628,222	13,766	13,304
12	10	99 016	71 502,506	2 140 844,371	29,941	29,478	62	60	82 142	15 278,971	203 674,347	13,330	12,868
13	11	98 997	69 575,931	2 069 341,865	29,742	29,279	63	61	80 689	14 606,924	188 395,376	12,898	12,435
14	12	98 981	67 702,496	1 999 765,934	29,538	29,075	64	62	79 176	13 949,514	173 788,451	12,458	11,996
15	13	98 957	65 874,590	1 932 063,438	29,329	28,867	65	63	77 549	13 297,080	159 838,937	12,021	11,558
16	14	98 927	64 092,413	1 866 188,848	29,117	28,654	66	64	75 831	12 654,537	146 541,857	11,580	11,117
17	15	98 886	62 350,828	1 802 096,435	28,903	28,440	67	65	74 030	12 023,397	133 887,320	11,136	10,673
18	16	98 839	60 653,128	1 739 745,607	28,684	28,221	68	66	72 133	11 401,683	121 863,923	10,688	10,225
19	17	98 768	58 987,519	1 679 092,479	28,465	28,002	69	67	70 134	10 789,037	110 462,240	10,238	9,776
20	18	98 697	57 367,400	1 620 104,960	28,241	27,778	70	68	67 999	10 180,632	99 673,203	9,790	9,328
21	19	98 616	55 786,477	1 562 737,561	28,013	27,550	71	69	65 745	9 579,672	89 492,571	9,342	8,879
22	20	98 539	54 251,122	1 506 951,083	27,779	27,315	72	70	63 344	8 982,814	79 912,899	8,896	8,433
23	21	98 463	52 758,304	1 452 699,962	27,535	27,072	73	71	60 766	8 386,654	70 930,085	8,457	7,995
24	22	98 387	51 306,910	1 399 941,658	27,286	26,823	74	72	58 033	7 795,112	62 543,431	8,023	7,561
25	23	98 308	49 893,496	1 348 634,749	27,030	26,567	75	73	55 073	7 199,485	54 748,319	7,604	7,142
26	24	98 228	48 518,330	1 298 741,252	26,768	26,305	76	74	51 969	6 611,851	47 548,834	7,191	6,729
27	25	98 145	47 180,219	1 250 222,922	26,499	26,036	77	75	48 714	6 031,856	40 936,983	6,787	6,324
28	26	98 061	45 878,200	1 203 042,703	26,223	25,760	78	76	45 261	5 454,372	34 905,127	6,399	5,937
29	27	97 974	44 610,725	1 157 164,503	25,939	25,476	79	77	41 660	4 885,989	29 450,755	6,028	5,565
30	28	97 886	43 377,632	1 112 553,777	25,648	25,185	80	78	38 003	4 337,790	24 564,766	5,663	5,200
31	29	97 796	42 177,671	1 069 176,145	25,349	24,887	81	79	34 244	3 804,152	20 226,976	5,317	4,854
32	30	97 696	41 007,025	1 026 998,474	25,044	24,582	82	80	30 491	3 296,546	16 422,824	4,982	4,519
33	31	97 596	39 868,774	985 991,449	24,731	24,268	83	81	26 767	2 816,443	13 126,279	4,661	4,198
34	32	97 494	38 760,906	946 122,674	24,409	23,946	84	82	23 144	2 370,136	10 309,836	4,350	3,887
35	33	97 381	37 679,975	907 361,769	24,081	23,618	85	83	19 639	1 957,363	7 939,699	4,056	3,594
36	34	97 262	36 626,513	869 681,793	23,745	23,282	86	84	16 292	1 580,312	5 982,336	3,786	3,323
37	35	97 133	35 599,272	833 055,280	23,401	22,938	87	85	13 191	1 245,298	4 402,025	3,535	3,072
38	36	96 996	34 597,524	797 456,008	23,050	22,587	88	86	10 354	951,306	3 156,727	3,318	2,855
39	37	96 847	33 619,619	762 858,484	22,691	22,228	89	87	7 943	710,205	2 205,421	3,105	2,643
40	38	96 682	32 664,202	729 238,865	22,325	21,863	90	88	5 876	511,378	1 495,216	2,924	2,461
41	39	96 493	31 727,919	696 574,662	21,955	21,492	91	89	4 266	361,335	983,838	2,723	2,260
42	40	96 282	30 811,203	664 846,743	21,578	21,115	92	90	2 957	243,762	622,503	2,554	2,091
43	41	96 058	29 916,876	634 035,541	21,193	20,730	93	91	1 972	158,180	378,741	2,394	1,932
44	42	95 794	29 036,039	604 118,665	20,806	20,343	94	92	1 249	97,481	220,561	2,263	1,800
45	43	95 500	28 172,107	575 082,626	20,413	19,950	95	93	756	57,482	123,081	2,141	1,678
46	44	95 169	27 323,145	546 910,519	20,016	19,554	96	94	437	32,294	65,599	2,031	1,568
47	45	94 799	26 488,635	519 587,374	19,615	19,153	97	95	240	17,240	33,305	1,932	1,469
48	46	94 378	25 665,189	493 098,739	19,213	18,750	98	96	125	8,722	16,065	1,842	1,379
49	47	93 899	24 851,474	467 433,551	18,809	18,346	99	97	61	4,171	7,343	1,760	1,298
							100	98	28	1,880	3,172	1,687	1,224

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	24 092,135	446 397,941	18,529	18,066
1							51	48	92 972	23 306,651	422 305,806	18,120	17,657
2							52	49	92 354	22 532,143	398 999,155	17,708	17,245
3	0	99 539	91 758,993	2 885 146,147	31,443	30,980	53	50	91 676	21 768,119	376 467,012	17,294	16,832
4	1	99 206	89 003,980	2 793 387,154	31,385	30,922	54	51	90 938	21 014,753	354 698,892	16,879	16,416
5	2	99 163	86 584,771	2 704 383,174	31,234	30,771	55	52	90 130	20 270,638	333 684,139	16,461	15,999
6	3	99 136	84 244,083	2 617 798,403	31,074	30,611	56	53	89 260	19 537,734	313 413,501	16,041	15,579
7	4	99 111	81 968,977	2 533 554,320	30,909	30,446	57	54	88 326	18 815,823	292 875,767	15,619	15,156
8	5	99 090	79 757,885	2 451 585,343	30,738	30,275	58	55	87 343	18 108,509	275 059,944	15,190	14,727
9	6	99 071	77 608,762	2 371 827,458	30,561	30,099	59	56	86 259	17 405,172	256 951,435	14,763	14,300
10	7	99 055	75 519,102	2 294 218,697	30,379	29,916	60	57	85 107	16 713,136	239 546,264	14,333	13,870
11	8	99 038	73 485,198	2 218 699,595	30,192	29,730	61	58	83 858	16 026,952	222 833,127	13,904	13,441
12	9	99 022	71 507,045	2 145 214,397	30,000	29,537	62	59	82 537	15 352,330	206 806,175	13,471	13,008
13	10	99 005	69 581,537	2 073 707,351	29,803	29,340	63	60	81 133	14 687,232	191 453,845	13,035	12,573
14	11	98 989	67 707,873	2 004 125,815	29,600	29,137	64	61	79 629	14 029,277	176 766,613	12,600	12,137
15	12	98 964	65 879,640	1 936 417,942	29,393	28,930	65	62	78 039	13 381,043	162 737,335	12,162	11,699
16	13	98 937	64 098,718	1 870 538,301	29,182	28,719	66	63	76 340	12 739,492	149 356,292	11,724	11,261
17	14	98 898	62 358,547	1 806 439,583	28,969	28,506	67	64	74 567	12 110,542	136 616,800	11,281	10,818
18	15	98 852	60 661,351	1 744 081,036	28,751	28,288	68	65	72 696	11 490,648	124 506,238	10,835	10,373
19	16	98 784	58 997,003	1 683 419,685	28,534	28,071	69	66	70 715	10 878,455	113 015,610	10,389	9,926
20	17	98 714	57 377,472	1 624 422,681	28,311	27,848	70	67	68 618	10 273,293	102 137,154	9,942	9,479
21	18	98 638	55 798,666	1 567 045,209	28,084	27,621	71	68	66 395	9 674,435	91 863,861	9,496	9,033
22	19	98 560	54 262,791	1 511 246,544	27,851	27,388	72	69	64 046	9 082,427	82 189,426	9,049	8,586
23	20	98 484	52 769,437	1 456 983,753	27,610	27,148	73	70	61 501	8 488,071	73 106,999	8,613	8,150
24	21	98 409	51 318,002	1 404 214,315	27,363	26,900	74	71	58 818	7 900,529	64 618,928	8,179	7,716
25	22	98 331	49 904,964	1 352 896,313	27,109	26,647	75	72	55 939	7 312,649	56 718,399	7,756	7,293
26	23	98 250	48 529,369	1 302 991,349	26,850	26,387	76	73	52 886	6 728,492	49 405,750	7,343	6,880
27	24	98 168	47 190,948	1 254 461,980	26,583	26,120	77	74	49 674	6 150,713	42 677,258	6,939	6,476
28	25	98 083	45 888,426	1 207 271,032	26,309	25,846	78	75	46 293	5 578,672	36 526,546	6,548	6,085
29	26	98 001	44 622,647	1 161 382,606	26,027	25,564	79	76	42 743	5 013,058	30 947,874	6,173	5,711
30	27	97 911	43 388,832	1 116 759,960	25,738	25,276	80	77	39 136	4 467,133	25 934,816	5,806	5,343
31	28	97 821	42 188,629	1 073 371,127	25,442	24,979	81	78	35 422	3 935,023	21 467,683	5,456	4,993
32	29	97 723	41 018,402	1 031 182,498	25,140	24,677	82	79	31 680	3 425,163	17 532,660	5,119	4,656
33	30	97 623	39 879,719	990 164,096	24,829	24,366	83	80	27 980	2 944,139	14 107,497	4,792	4,329
34	31	97 525	38 773,547	950 284,377	24,509	24,046	84	81	24 350	2 493,557	11 163,358	4,477	4,014
35	32	97 415	37 693,030	911 510,830	24,182	23,720	85	82	20 824	2 075,386	8 669,801	4,177	3,715
36	33	97 297	36 639,769	873 817,800	23,849	23,386	86	83	17 424	1 690,099	6 594,415	3,902	3,439
37	34	97 173	35 613,725	837 178,031	23,507	23,044	87	84	14 245	1 344,794	4 904,316	3,647	3,184
38	35	97 038	34 612,274	801 564,307	23,158	22,696	88	85	11 320	1 040,014	3 559,522	3,423	2,960
39	36	96 892	33 635,304	766 952,032	22,802	22,339	89	86	8 792	786,189	2 519,508	3,205	2,742
40	37	96 733	32 681,416	733 316,728	22,438	21,976	90	87	6 637	577,608	1 733,319	3,001	2,538
41	38	96 550	31 746,636	700 635,313	22,070	21,607	91	88	4 878	413,172	1 155,712	2,797	2,334
42	39	96 350	30 832,886	668 888,677	21,694	21,231	92	89	3 438	283,368	742,539	2,620	2,158
43	40	96 127	29 938,215	638 055,790	21,312	20,850	93	90	2 315	185,700	459,172	2,473	2,010
44	41	95 874	29 060,187	608 117,575	20,926	20,463	94	91	1 510	117,893	273,471	2,320	1,857
45	42	95 590	28 198,781	579 057,388	20,535	20,072	95	92	933	70,877	155,578	2,195	1,732
46	43	95 269	27 352,017	550 858,606	20,140	19,677	96	93	551	40,718	84,702	2,080	1,617
47	44	94 907	26 518,623	523 506,590	19,741	19,278	97	94	309	22,256	43,984	1,976	1,513
48	45	94 506	25 699,949	496 987,967	19,338	18,875	98	95	165	11,544	21,728	1,882	1,419
49	46	94 045	24 890,076	471 288,018	18,935	18,472	99	96	83	5,667	10,184	1,797	1,334
							100	97	40	2,626	4,517	1,720	1,257

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	24 129,558	449 922,805	18,646	18,183
1							51	47	93 134	23 347,169	425 793,247	18,237	17,775
2							52	48	92 526	22 573,971	402 446,078	17,828	17,365
3							53	49	91 869	21 813,755	379 872,107	17,414	16,952
4	0	99 524	89 289,673	2 797 781,937	31,334	30,871	54	50	91 150	21 063,969	358 058,351	16,999	16,536
5	1	99 191	86 609,397	2 708 492,264	31,272	30,810	55	51	90 355	20 321,254	336 994,383	16,583	16,121
6	2	99 152	84 257,667	2 621 882,868	31,117	30,655	56	52	89 508	19 592,020	316 673,129	16,163	15,701
7	3	99 125	81 980,732	2 537 625,201	30,954	30,491	57	53	88 595	18 873,182	297 081,109	15,741	15,278
8	4	99 102	79 767,445	2 455 644,469	30,785	30,322	58	54	87 622	18 166,390	278 207,927	15,314	14,852
9	5	99 080	77 615,783	2 375 877,024	30,611	30,148	59	55	86 571	17 468,014	260 041,537	14,887	14,424
10	6	99 063	75 525,157	2 298 261,242	30,430	29,968	60	56	85 432	16 776,769	242 573,523	14,459	13,996
11	7	99 046	73 491,338	2 222 736,084	30,245	29,782	61	57	84 205	16 093,358	225 796,754	14,030	13,568
12	8	99 028	71 511,487	2 149 244,747	30,055	29,592	62	58	82 915	15 422,652	209 703,397	13,597	13,134
13	9	99 011	69 585,954	2 077 733,260	29,859	29,396	63	59	81 522	14 757,750	194 280,745	13,165	12,702
14	10	98 996	67 713,328	2 008 147,305	29,657	29,194	64	60	80 067	14 106,409	179 522,995	12,726	12,264
15	11	98 972	65 884,873	1 940 433,977	29,452	28,989	65	61	78 485	13 457,556	165 416,585	12,292	11,829
16	12	98 945	64 103,632	1 874 549,104	29,242	28,780	66	62	76 822	12 819,934	151 959,029	11,853	11,391
17	13	98 908	62 364,682	1 810 445,472	29,030	28,567	67	63	75 068	12 191,845	139 139,095	11,412	10,950
18	14	98 864	60 668,862	1 748 080,790	28,813	28,351	68	64	73 223	11 573,932	126 947,250	10,968	10,506
19	15	98 797	59 005,002	1 687 411,928	28,598	28,135	69	65	71 267	10 963,338	115 373,318	10,524	10,061
20	16	98 730	57 386,697	1 628 406,926	28,376	27,913	70	66	69 187	10 358,437	104 409,980	10,080	9,617
21	17	98 655	55 808,462	1 571 020,229	28,150	27,687	71	67	66 999	9 762,489	94 051,543	9,634	9,171
22	18	98 582	54 274,647	1 515 211,767	27,917	27,455	72	68	64 680	9 172,271	84 289,054	9,190	8,727
23	19	98 505	52 780,788	1 460 937,120	27,679	27,217	73	69	62 183	8 582,198	75 116,783	8,753	8,290
24	20	98 430	51 328,832	1 408 156,332	27,434	26,971	74	70	59 529	7 996,067	66 534,585	8,321	7,858
25	21	98 352	49 915,753	1 356 827,500	27,182	26,720	75	71	56 695	7 411,541	58 538,518	7,898	7,435
26	22	98 273	48 540,523	1 306 911,747	26,924	26,461	76	72	53 717	6 834,253	51 126,976	7,481	7,018
27	23	98 190	47 201,685	1 258 371,224	26,659	26,197	77	73	50 550	6 259,219	44 292,723	7,076	6,614
28	24	98 105	45 898,861	1 211 169,539	26,388	25,925	78	74	47 205	5 688,598	38 033,505	6,686	6,223
29	25	98 022	44 632,593	1 165 270,678	26,108	25,645	79	75	43 717	5 127,300	32 344,906	6,308	5,846
30	26	97 937	43 400,427	1 120 638,085	25,821	25,358	80	76	40 154	4 583,309	27 217,606	5,938	5,476
31	27	97 846	42 199,522	1 077 237,658	25,527	25,064	81	77	36 478	4 052,356	22 634,297	5,585	5,123
32	28	97 749	41 029,059	1 035 038,136	25,227	24,764	82	78	32 770	3 542,996	18 581,941	5,245	4,782
33	29	97 650	39 890,783	994 009,077	24,918	24,455	83	79	29 072	3 059,007	15 038,944	4,916	4,453
34	30	97 552	38 784,191	954 118,294	24,601	24,138	84	80	25 454	2 606,614	11 979,937	4,596	4,133
35	31	97 447	37 705,323	915 334,103	24,276	23,813	85	81	21 908	2 183,458	9 373,323	4,293	3,830
36	32	97 331	36 652,463	877 628,781	23,945	23,482	86	82	18 475	1 792,006	7 189,865	4,012	3,549
37	33	97 208	35 626,614	840 976,317	23,605	23,142	87	83	15 235	1 438,219	5 397,859	3,753	3,290
38	34	97 077	34 626,326	805 349,703	23,258	22,795	88	84	12 224	1 123,108	3 959,640	3,526	3,063
39	35	96 933	33 649,644	770 723,377	22,904	22,442	89	85	9 612	859,500	2 836,531	3,300	2,837
40	36	96 778	32 696,663	737 073,733	22,543	22,080	90	86	7 348	639,405	1 977,031	3,092	2,629
41	37	96 601	31 763,366	704 377,070	22,176	21,713	91	87	5 510	466,683	1 337,626	2,866	2,403
42	38	96 407	30 851,075	672 613,704	21,802	21,339	92	88	3 931	324,020	870,943	2,688	2,225
43	39	96 194	29 959,285	641 762,629	21,421	20,958	93	89	2 691	215,872	546,923	2,534	2,071
44	40	95 942	29 080,916	611 803,345	21,038	20,575	94	90	1 773	138,404	331,051	2,392	1,929
45	41	95 670	28 222,233	582 722,429	20,648	20,185	95	91	1 128	85,718	192,647	2,247	1,785
46	42	95 360	27 377,915	554 500,195	20,254	19,791	96	92	679	50,206	106,929	2,130	1,667
47	43	95 007	26 546,644	527 122,281	19,856	19,394	97	93	390	28,062	56,723	2,021	1,559
48	44	94 613	25 729,044	500 575,637	19,456	18,993	98	94	213	14,903	28,661	1,923	1,460
49	45	94 172	24 923,788	474 846,592	19,052	18,589	99	95	110	7,501	13,758	1,834	1,371
							100	96	54	3,568	6,257	1,754	1,291

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	24 162,239	453 172,277	18,755	18,293
1							51	46	93 279	23 383,434	429 010,038	18,347	17,884
2							52	47	92 687	22 613,215	405 626,604	17,938	17,475
3							53	48	92 039	21 854,250	383 013,389	17,526	17,063
4							54	49	91 342	21 108,128	361 159,139	17,110	16,647
5	0	99 510	86 887,403	2 712 554,873	31,219	30,756	55	50	90 566	20 368,845	340 051,010	16,695	16,232
6	1	99 180	84 281,631	2 625 667,470	31,153	30,691	56	51	89 731	19 640,942	319 682,166	16,276	15,813
7	2	99 141	81 993,950	2 541 385,839	30,995	30,532	57	52	88 841	18 925,622	300 041,224	15,854	15,391
8	3	99 116	79 778,884	2 459 391,889	30,828	30,365	58	53	87 889	18 221,769	281 115,602	15,427	14,965
9	4	99 092	77 625,086	2 379 613,005	30,655	30,192	59	54	86 848	17 523,847	262 893,833	15,002	14,539
10	5	99 072	75 531,990	2 301 987,919	30,477	30,014	60	55	85 740	16 837,342	245 369,986	14,573	14,110
11	6	99 054	73 497,231	2 226 455,929	30,293	29,830	61	56	84 526	16 154,631	228 532,644	14,147	13,684
12	7	99 036	71 517,462	2 152 958,699	30,104	29,641	62	57	83 258	15 486,554	212 378,014	13,714	13,251
13	8	99 018	69 590,277	2 081 441,237	29,910	29,447	63	58	81 896	14 825,348	196 891,460	13,281	12,818
14	9	99 003	67 717,627	2 011 850,960	29,709	29,247	64	59	80 451	14 174,139	182 066,111	12,845	12,382
15	10	98 980	65 890,181	1 944 133,333	29,506	29,043	65	60	78 916	13 531,545	167 891,973	12,407	11,945
16	11	98 952	64 108,723	1 878 243,152	29,298	28,835	66	61	77 261	12 893,238	154 360,428	11,972	11,509
17	12	98 915	62 369,463	1 814 134,429	29,087	28,624	67	62	75 542	12 268,829	141 467,190	11,531	11,068
18	13	98 874	60 674,830	1 751 764,965	28,871	28,409	68	63	73 714	11 651,633	129 198,361	11,088	10,626
19	14	98 809	59 012,308	1 691 090,135	28,657	28,194	69	64	71 784	11 042,800	117 546,728	10,645	10,182
20	15	98 743	57 394,478	1 632 077,827	28,436	27,973	70	65	69 727	10 439,262	106 503,928	10,202	9,739
21	16	98 671	55 817,435	1 574 683,349	28,211	27,748	71	66	67 555	9 843,399	96 064,666	9,759	9,296
22	17	98 599	54 284,176	1 518 865,914	27,980	27,517	72	67	65 268	9 255,754	86 221,266	9,315	8,853
23	18	98 526	52 792,320	1 464 581,738	27,742	27,280	73	68	62 798	8 667,093	76 965,512	8,880	8,417
24	19	98 451	51 339,872	1 411 789,418	27,499	27,036	74	69	60 190	8 084,738	68 298,419	8,448	7,985
25	20	98 373	49 926,287	1 360 449,546	27,249	26,786	75	70	57 381	7 501,167	60 213,681	8,027	7,564
26	21	98 294	48 551,017	1 310 523,258	26,993	26,530	76	71	54 443	6 926,676	52 712,514	7,610	7,147
27	22	98 212	47 212,534	1 261 972,241	26,730	26,267	77	72	51 345	6 357,604	45 785,838	7,202	6,739
28	23	98 128	45 909,303	1 214 759,708	26,460	25,997	78	73	48 038	5 788,952	39 428,235	6,811	6,348
29	24	98 045	44 642,742	1 168 850,404	26,182	25,719	79	74	44 579	5 228,333	33 639,282	6,434	5,971
30	25	97 959	43 410,101	1 124 207,662	25,897	25,435	80	75	41 069	4 687,758	28 410,949	6,061	5,598
31	26	97 872	42 210,799	1 080 797,561	25,605	25,142	81	76	37 427	4 157,745	23 723,192	5,706	5,243
32	27	97 774	41 039,652	1 038 586,762	25,307	24,844	82	77	33 747	3 648,640	19 565,446	5,362	4,900
33	28	97 676	39 901,147	997 547,110	25,000	24,538	83	78	30 072	3 164,244	15 916,806	5,030	4,567
34	29	97 579	38 794,951	957 645,963	24,685	24,222	84	79	26 447	2 708,313	12 752,562	4,709	4,246
35	30	97 473	37 715,674	918 851,012	24,363	23,900	85	80	22 901	2 282,455	10 044,249	4,401	3,938
36	31	97 362	36 664,417	881 135,338	24,032	23,570	86	81	19 437	1 885,322	7 761,794	4,117	3,654
37	32	97 242	35 638,957	844 470,921	23,695	23,232	87	82	16 154	1 524,939	5 876,473	3,854	3,391
38	33	97 112	34 638,858	808 831,964	23,350	22,888	88	83	13 074	1 201,133	4 351,533	3,623	3,160
39	34	96 972	33 663,305	774 193,105	22,998	22,535	89	84	10 380	928,172	3 150,400	3,394	2,931
40	35	96 819	32 710,602	740 529,800	22,639	22,176	90	85	8 033	699,029	2 222,229	3,179	2,716
41	36	96 646	31 778,184	707 819,198	22,274	21,811	91	86	6 100	516,613	1 523,200	2,948	2,486
42	37	96 457	30 867,333	676 041,013	21,902	21,439	92	87	4 440	365,984	1 006,587	2,750	2,288
43	38	96 251	29 976,958	645 173,680	21,522	21,059	93	88	3 077	246,842	640,603	2,595	2,132
44	39	96 009	29 101,382	615 196,722	21,140	20,677	94	89	2 061	160,892	393,761	2,447	1,985
45	40	95 738	28 242,364	586 095,341	20,752	20,290	95	90	1 324	100,632	232,869	2,314	1,851
46	41	95 439	27 400,684	557 852,976	20,359	19,896	96	91	821	60,719	132,238	2,178	1,715
47	42	95 097	26 571,780	530 452,292	19,963	19,500	97	92	481	34,601	71,519	2,067	1,604
48	43	94 713	25 756,231	503 880,513	19,563	19,101	98	93	268	18,791	36,918	1,965	1,502
49	44	94 279	24 952,004	478 124,281	19,162	18,699	99	94	142	9,683	18,128	1,872	1,409
							100	95	71	4,722	8,445	1,788	1,325

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	24 189,593	456 161,322	18,858	18,395
1							51	45	93 405	23 415,105	431 971,729	18,448	17,986
2							52	46	92 831	22 648,340	408 556,625	18,039	17,576
3							53	47	92 199	21 892,243	385 908,284	17,628	17,165
4							54	48	91 511	21 147,314	364 016,041	17,213	16,751
5							55	49	90 756	20 411,547	342 868,728	16,798	16,335
6	0	99 498	84 552,165	2 629 419,801	31,098	30,635	56	50	89 942	19 686,939	322 457,181	16,379	15,916
7	1	99 170	82 017,271	2 544 867,636	31,028	30,566	57	51	89 063	18 972,879	302 770,241	15,958	15,495
8	2	99 132	79 791,747	2 462 850,366	30,866	30,403	58	52	88 134	18 272,399	283 797,362	15,531	15,069
9	3	99 106	77 636,218	2 383 058,618	30,695	30,232	59	53	87 112	17 577,268	265 524,963	15,106	14,643
10	4	99 083	75 541,043	2 305 422,400	30,519	30,056	60	54	86 014	16 891,160	247 947,695	14,679	14,216
11	5	99 063	73 503,880	2 229 881,357	30,337	29,874	61	55	84 831	16 212,957	231 056,536	14,251	13,789
12	6	99 044	71 523,196	2 156 377,477	30,149	29,687	62	56	83 575	15 545,516	214 843,579	13,820	13,357
13	7	99 026	69 596,091	2 084 854,281	29,956	29,494	63	57	82 235	14 886,775	199 298,062	13,388	12,925
14	8	99 009	67 721,834	2 015 258,190	29,758	29,295	64	58	80 820	14 239,064	184 411,287	12,951	12,488
15	9	98 986	65 894,364	1 947 536,357	29,555	29,093	65	59	79 295	13 596,514	170 172,223	12,516	12,053
16	10	98 960	64 113,888	1 881 641,992	29,348	28,886	66	60	77 686	12 964,124	156 575,710	12,078	11,615
17	11	98 923	62 374,417	1 817 528,104	29,139	28,676	67	61	75 973	12 338,982	143 611,585	11,639	11,176
18	12	98 881	60 679,482	1 755 153,687	28,925	28,462	68	62	74 180	11 725,206	131 272,603	11,196	10,733
19	13	98 819	59 018,113	1 694 474,205	28,711	28,248	69	63	72 266	11 116,935	119 547,398	10,754	10,291
20	14	98 755	57 401,584	1 635 456,092	28,491	28,029	70	64	70 232	10 514,926	108 430,462	10,312	9,849
21	15	98 684	55 825,003	1 578 054,508	28,268	27,805	71	65	68 082	9 920,206	97 915,537	9,870	9,407
22	16	98 615	54 292,904	1 522 229,505	28,037	27,575	72	66	65 809	9 332,465	87 995,331	9,429	8,966
23	17	98 544	52 801,589	1 467 936,601	27,801	27,338	73	67	63 370	8 745,979	78 662,866	8,994	8,531
24	18	98 472	51 351,090	1 415 135,012	27,558	27,095	74	68	60 785	8 164,713	69 916,887	8,563	8,100
25	19	98 394	49 937,026	1 363 783,923	27,310	26,847	75	69	58 017	7 584,349	61 752,175	8,142	7,679
26	20	98 314	48 561,263	1 313 846,896	27,055	26,593	76	70	55 102	7 010,438	54 167,825	7,727	7,264
27	21	98 234	47 222,741	1 265 285,633	26,794	26,331	77	71	52 039	6 443,580	47 157,387	7,319	6,856
28	22	98 150	45 919,855	1 218 062,892	26,526	26,063	78	72	48 793	5 879,945	40 713,807	6,924	6,461
29	23	98 067	44 652,899	1 172 143,037	26,250	25,787	79	73	45 365	5 320,567	34 833,862	6,547	6,084
30	24	97 982	43 419,972	1 127 490,138	25,967	25,504	80	74	41 878	4 780,129	29 513,295	6,174	5,711
31	25	97 894	42 220,208	1 084 070,165	25,677	25,214	81	75	38 280	4 252,496	24 733,165	5,816	5,353
32	26	97 800	41 050,619	1 041 849,958	25,380	24,917	82	76	34 625	3 743,530	20 480,669	5,471	5,008
33	27	97 701	39 911,449	1 000 799,339	25,075	24,613	83	77	30 969	3 258,594	16 737,140	5,136	4,673
34	28	97 605	38 805,030	960 887,890	24,762	24,299	84	78	27 357	2 801,485	13 478,546	4,811	4,348
35	29	97 500	37 726,137	922 082,859	24,441	23,979	85	79	23 795	2 371,507	10 677,060	4,502	4,039
36	30	97 389	36 674,482	884 356,722	24,114	23,651	86	80	20 318	1 970,802	8 305,554	4,214	3,751
37	31	97 273	35 650,580	847 682,240	23,778	23,315	87	81	16 995	1 604,348	6 334,752	3,948	3,486
38	32	97 146	34 650,860	812 031,660	23,435	22,972	88	82	13 862	1 273,557	4 730,404	3,714	3,252
39	33	97 007	33 675,489	777 380,800	23,084	22,622	89	83	11 101	992,653	3 456,847	3,482	3,020
40	34	96 859	32 723,882	743 705,311	22,727	22,264	90	84	8 674	754,880	2 464,194	3,264	2,802
41	35	96 687	31 791,733	710 981,429	22,364	21,901	91	85	6 669	564,786	1 709,314	3,026	2,564
42	36	96 502	30 881,733	679 189,696	21,993	21,530	92	86	4 915	405,141	1 144,528	2,825	2,362
43	37	96 302	29 992,755	648 307,963	21,615	21,153	93	87	3 476	278,810	739,387	2,652	2,189
44	38	96 066	29 118,549	618 315,207	21,234	20,772	94	88	2 356	183,973	460,577	2,503	2,041
45	39	95 805	28 262,240	589 196,658	20,847	20,385	95	89	1 540	116,982	276,603	2,364	1,902
46	40	95 507	27 420,229	560 934,418	20,457	19,994	96	90	964	71,283	159,621	2,239	1,776
47	41	95 176	26 593,879	533 514,189	20,062	19,599	97	91	581	41,846	88,339	2,111	1,648
48	42	94 803	25 780,618	506 920,311	19,663	19,200	98	92	331	23,169	46,493	2,007	1,544
49	43	94 379	24 978,370	481 139,692	19,262	18,799	99	93	179	12,209	23,323	1,910	1,448
							100	94	92	6,097	11,114	1,823	1,360

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	24 215,154	458 908,181	18,951	18,488
1							51	44	93 511	23 441,613	434 693,028	18,544	18,081
2							52	45	92 956	22 679,015	411 251,415	18,134	17,671
3							53	46	92 342	21 926,248	388 572,399	17,722	17,259
4							54	47	91 670	21 184,077	366 646,151	17,308	16,845
5							55	48	90 925	20 449,439	345 462,074	16,893	16,431
6							56	49	90 130	19 728,212	325 012,635	16,475	16,012
7	0	99 488	82 280,537	2 548 331,126	30,971	30,508	57	50	89 272	19 017,312	305 284,423	16,053	15,590
8	1	99 160	79 814,441	2 466 050,590	30,897	30,434	58	51	88 354	18 318,025	286 267,111	15,628	15,165
9	2	99 122	77 648,736	2 386 236,148	30,731	30,268	59	52	87 354	17 626,107	267 949,085	15,202	14,739
10	3	99 098	75 551,877	2 308 587,412	30,556	30,093	60	53	86 276	16 942,651	250 322,978	14,775	14,312
11	4	99 075	73 512,690	2 233 035,536	30,376	29,913	61	54	85 102	16 264,779	233 380,327	14,349	13,886
12	5	99 053	71 529,667	2 159 522,846	30,191	29,728	62	55	83 877	15 601,644	217 115,548	13,916	13,453
13	6	99 034	69 601,671	2 087 993,179	29,999	29,536	63	56	82 548	14 943,454	201 513,904	13,485	13,022
14	7	99 017	67 727,492	2 018 391,507	29,802	29,339	64	57	81 155	14 298,061	186 570,450	13,049	12,586
15	8	98 993	65 898,457	1 950 664,016	29,601	29,138	65	58	79 658	13 658,793	172 272,388	12,613	12,150
16	9	98 967	64 117,959	1 884 765,558	29,395	28,932	66	59	78 059	13 026,369	158 613,595	12,176	11,714
17	10	98 931	62 379,442	1 820 647,599	29,187	28,724	67	60	76 391	12 406,821	145 587,226	11,734	11,272
18	11	98 889	60 684,301	1 758 268,157	28,974	28,511	68	61	74 604	11 792,250	133 180,405	11,294	10,831
19	12	98 826	59 022,638	1 697 583,856	28,762	28,299	69	62	72 722	11 187,132	121 388,155	10,851	10,388
20	13	98 765	57 407,231	1 638 561,218	28,543	28,080	70	63	70 703	10 585,517	110 201,023	10,411	9,948
21	14	98 696	55 831,915	1 581 153,987	28,320	27,857	71	64	68 575	9 992,107	99 615,507	9,969	9,507
22	15	98 628	54 300,265	1 525 322,072	28,091	27,628	72	65	66 323	9 405,285	89 623,399	9,529	9,066
23	16	98 560	52 810,079	1 471 021,807	27,855	27,392	73	66	63 895	8 818,464	80 218,115	9,097	8,634
24	17	98 489	51 360,105	1 418 211,729	27,613	27,150	74	67	61 338	8 239,026	71 399,650	8,666	8,203
25	18	98 415	49 947,937	1 366 851,624	27,366	26,903	75	68	58 591	7 659,374	63 160,625	8,246	7,783
26	19	98 336	48 571,709	1 316 903,687	27,113	26,650	76	69	55 713	7 088,179	55 501,251	7,830	7,367
27	20	98 254	47 232,706	1 268 331,978	26,853	26,390	77	70	52 668	6 521,500	48 413,072	7,424	6,961
28	21	98 172	45 929,783	1 221 099,272	26,586	26,123	78	71	49 453	5 959,462	41 891,572	7,029	6,567
29	22	98 090	44 663,162	1 175 169,489	26,312	25,849	79	72	46 078	5 404,198	35 932,109	6,649	6,186
30	23	98 004	43 429,851	1 130 506,326	26,031	25,568	80	73	42 617	4 864,457	30 527,911	6,276	5,813
31	24	97 916	42 229,809	1 087 076,476	25,742	25,279	81	74	39 034	4 336,291	25 663,455	5,918	5,455
32	25	97 822	41 059,769	1 044 846,667	25,447	24,984	82	75	35 414	3 828,841	21 327,164	5,570	5,107
33	26	97 727	39 922,115	1 003 786,898	25,144	24,681	83	76	31 774	3 343,340	17 498,323	5,234	4,771
34	27	97 630	38 815,050	963 864,783	24,832	24,369	84	77	28 172	2 885,019	14 154,983	4,906	4,444
35	28	97 526	37 735,939	925 049,734	24,514	24,051	85	78	24 613	2 453,092	11 269,964	4,594	4,131
36	29	97 416	36 684,657	887 313,795	24,188	23,725	86	79	21 111	2 047,694	8 816,873	4,306	3,843
37	30	97 300	35 660,367	850 629,138	23,854	23,391	87	80	17 765	1 677,089	6 769,179	4,036	3,573
38	31	97 177	34 662,160	814 968,771	23,512	23,049	88	81	14 584	1 339,875	5 092,090	3,800	3,338
39	32	97 041	33 687,156	780 306,611	23,163	22,701	89	82	11 771	1 052,507	3 752,215	3,565	3,102
40	33	96 894	32 735,726	746 619,454	22,807	22,345	90	83	9 277	807,323	2 699,708	3,344	2,881
41	34	96 727	31 804,640	713 883,728	22,446	21,983	91	84	7 201	609,911	1 892,385	3,103	2,640
42	35	96 544	30 894,899	682 079,089	22,077	21,615	92	85	5 373	442,920	1 282,474	2,896	2,433
43	36	96 347	30 006,748	651 184,189	21,701	21,238	93	86	3 847	308,640	839,554	2,720	2,257
44	37	96 117	29 133,894	621 177,442	21,321	20,859	94	87	2 662	207,800	530,914	2,555	2,092
45	38	95 862	28 278,912	592 043,547	20,936	20,473	95	88	1 760	133,764	323,114	2,416	1,953
46	39	95 574	27 439,526	563 764,635	20,546	20,083	96	89	1 121	82,865	189,350	2,285	1,822
47	40	95 244	26 612,848	536 325,109	20,153	19,690	97	90	683	49,126	106,485	2,168	1,705
48	41	94 882	25 802,059	509 712,261	19,755	19,292	98	91	400	28,021	57,359	2,047	1,584
49	42	94 468	25 002,020	483 910,202	19,355	18,892	99	92	221	15,054	29,338	1,949	1,486
							100	93	116	7,687	14,284	1,858	1,395

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	24 238,081	461 429,686	19,037	18,575
1							51	43	93 609	23 466,383	437 191,605	18,631	18,168
2							52	44	93 062	22 704,690	413 725,222	18,222	17,759
3							53	45	92 468	21 955,945	391 020,531	17,809	17,347
4							54	46	91 813	21 216,982	369 064,586	17,395	16,932
5							55	47	91 083	20 484,989	347 847,604	16,981	16,518
6							56	48	90 297	19 764,836	327 362,614	16,563	16,100
7							57	49	89 459	19 057,181	307 597,779	16,141	15,678
8	0	99 478	80 070,637	2 469 246,014	30,838	30,376	58	50	88 561	18 360,925	288 540,597	15,715	15,252
9	1	99 150	77 670,820	2 389 175,377	30,760	30,297	59	51	87 572	17 670,119	270 179,673	15,290	14,827
10	2	99 114	75 564,059	2 311 504,557	30,590	30,127	60	52	86 516	16 989,727	252 509,553	14,862	14,400
11	3	99 089	73 523,232	2 235 940,498	30,411	29,949	61	53	85 361	16 314,362	235 519,826	14,436	13,974
12	4	99 065	71 538,241	2 162 417,266	30,227	29,765	62	54	84 145	15 651,512	219 205,464	14,005	13,543
13	5	99 043	69 607,968	2 090 879,026	30,038	29,575	63	55	82 846	14 997,408	203 553,953	13,573	13,110
14	6	99 025	67 732,922	2 021 271,058	29,842	29,379	64	56	81 464	14 352,499	188 556,545	13,138	12,675
15	7	99 001	65 903,963	1 953 538,135	29,642	29,179	65	57	79 988	13 715,386	174 204,046	12,701	12,239
16	8	98 973	64 121,942	1 887 634,172	29,438	28,975	66	58	78 417	13 086,037	160 488,659	12,264	11,801
17	9	98 937	62 383,403	1 823 512,230	29,231	28,768	67	59	76 758	12 466,390	147 402,623	11,824	11,361
18	10	98 897	60 689,190	1 761 128,828	29,019	28,556	68	60	75 014	11 857,083	134 936,233	11,380	10,917
19	11	98 834	59 027,326	1 700 439,637	28,808	28,345	69	61	73 138	11 251,100	123 079,150	10,939	10,476
20	12	98 773	57 411,632	1 641 412,312	28,590	28,127	70	62	71 150	10 652,358	111 828,050	10,498	10,035
21	13	98 706	55 837,408	1 584 000,680	28,368	27,905	71	63	69 036	10 059,188	101 175,692	10,058	9,595
22	14	98 641	54 306,988	1 528 163,272	28,139	27,677	72	64	66 804	9 473,454	91 116,504	9,618	9,155
23	15	98 573	52 817,239	1 473 856,284	27,905	27,442	73	65	64 394	8 887,274	81 643,050	9,187	8,724
24	16	98 505	51 368,363	1 421 039,046	27,664	27,201	74	66	61 847	8 307,310	72 755,776	8,758	8,295
25	17	98 433	49 956,706	1 369 670,682	27,417	26,954	75	67	59 124	7 729,087	64 448,467	8,338	7,876
26	18	98 357	48 582,321	1 319 713,976	27,164	26,702	76	68	56 264	7 158,295	56 719,379	7,924	7,461
27	19	98 276	47 242,866	1 271 131,655	26,906	26,443	77	69	53 252	6 593,819	49 561,084	7,516	7,053
28	20	98 192	45 939,476	1 223 888,789	26,641	26,179	78	70	50 051	6 031,528	42 967,265	7,124	6,661
29	21	98 111	44 672,818	1 177 949,313	26,368	25,906	79	71	46 701	5 477,281	36 935,736	6,743	6,281
30	22	98 026	43 439,833	1 133 276,495	26,088	25,626	80	72	43 287	4 940,918	31 458,455	6,367	5,904
31	23	97 939	42 239,416	1 089 836,662	25,801	25,339	81	73	39 723	4 412,788	26 517,537	6,009	5,546
32	24	97 844	41 069,106	1 047 597,246	25,508	25,045	82	74	36 112	3 904,288	22 104,749	5,662	5,199
33	25	97 749	39 931,013	1 006 528,139	25,207	24,744	83	75	32 498	3 419,531	18 200,461	5,323	4,860
34	26	97 656	38 825,422	966 597,127	24,896	24,433	84	76	28 905	2 960,049	14 780,930	4,993	4,531
35	27	97 551	37 745,682	927 771,704	24,580	24,117	85	77	25 347	2 526,237	11 820,881	4,679	4,216
36	28	97 441	36 694,188	890 026,022	24,255	23,792	86	78	21 837	2 118,139	9 294,644	4,388	3,925
37	29	97 327	35 670,261	853 331,835	23,923	23,460	87	79	18 459	1 742,521	7 176,505	4,118	3,656
38	30	97 204	34 671,676	817 661,574	23,583	23,120	88	80	15 245	1 400,625	5 433,983	3,880	3,417
39	31	97 073	33 698,143	782 989,899	23,235	22,773	89	81	12 384	1 107,315	4 033,358	3,642	3,180
40	32	96 927	32 747,068	749 291,756	22,881	22,418	90	82	9 836	856,002	2 926,044	3,418	2,955
41	33	96 762	31 816,151	716 544,688	22,521	22,059	91	83	7 702	652,283	2 070,042	3,174	2,711
42	34	96 583	30 907,442	684 728,538	22,154	21,691	92	84	5 803	478,308	1 417,759	2,964	2,501
43	35	96 388	30 019,541	653 821,095	21,780	21,317	93	85	4 206	337,421	939,452	2,784	2,321
44	36	96 162	29 147,486	623 801,555	21,402	20,939	94	86	2 946	230,032	602,031	2,617	2,154
45	37	95 912	28 293,815	594 654,069	21,017	20,554	95	87	1 988	151,088	371,999	2,462	1,999
46	38	95 631	27 455,713	566 360,254	20,628	20,165	96	88	1 281	94,752	220,910	2,331	1,869
47	39	95 311	26 631,577	538 904,541	20,236	19,773	97	89	793	57,108	126,158	2,209	1,746
48	40	94 949	25 820,464	512 272,964	19,840	19,377	98	90	470	32,896	69,050	2,099	1,636
49	41	94 547	25 022,814	486 452,500	19,440	18,978	99	91	267	18,206	36,154	1,986	1,523
							100	92	143	9,478	17,948	1,894	1,431



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	24 258,240	463 741,832	19,117	18,654
1							51	42	93 698	23 488,602	439 483,593	18,711	18,248
2							52	43	93 160	22 728,681	415 994,991	18,303	17,840
3							53	44	92 572	21 980,802	393 266,309	17,891	17,429
4							54	45	91 937	21 245,719	371 285,508	17,476	17,013
5							55	46	91 224	20 516,809	350 039,789	17,061	16,598
6							56	47	90 454	19 799,195	329 522,980	16,643	16,180
7							57	48	89 625	19 092,559	309 723,784	16,222	15,759
8							58	49	88 746	18 399,418	290 631,225	15,796	15,333
9	0	99 469	77 920,135	2 392 122,698	30,700	30,237	59	50	87 778	17 711,502	272 231,807	15,370	14,908
10	1	99 142	75 585,550	2 314 202,564	30,617	30,154	60	51	86 732	17 032,151	254 520,306	14,944	14,481
11	2	99 105	73 535,087	2 238 617,014	30,443	29,980	61	52	85 599	16 359,692	237 488,155	14,517	14,054
12	3	99 079	71 548,500	2 165 081,926	30,260	29,798	62	53	84 402	15 699,225	221 128,463	14,085	13,622
13	4	99 055	69 616,311	2 093 533,427	30,072	29,610	63	54	83 111	15 045,345	205 429,239	13,654	13,191
14	5	99 034	67 739,050	2 023 917,115	29,878	29,415	64	55	81 758	14 404,319	190 383,894	13,217	12,754
15	6	99 009	65 909,248	1 956 178,065	29,680	29,217	65	56	80 293	13 767,605	175 979,575	12,782	12,319
16	7	98 981	64 127,299	1 890 268,818	29,477	29,014	66	57	78 742	13 140,257	162 211,970	12,345	11,882
17	8	98 943	62 387,278	1 826 141,519	29,271	28,808	67	58	77 110	12 523,492	149 071,713	11,903	11,441
18	9	98 904	60 693,043	1 763 754,241	29,060	28,597	68	59	75 374	11 914,013	136 548,220	11,461	10,998
19	10	98 842	59 032,081	1 703 061,197	28,850	28,387	69	60	73 540	11 312,958	124 634,208	11,017	10,554
20	11	98 780	57 416,192	1 644 029,116	28,634	28,171	70	61	71 557	10 713,268	113 321,250	10,578	10,115
21	12	98 714	55 841,688	1 586 612,924	28,413	27,950	71	62	69 471	10 122,706	102 607,982	10,136	9,674
22	13	98 650	54 312,331	1 530 771,236	28,185	27,722	72	63	67 252	9 537,053	92 485,276	9,697	9,235
23	14	98 585	52 823,778	1 476 458,906	27,951	27,488	73	64	64 860	8 951,688	82 948,223	9,266	8,803
24	15	98 519	51 375,328	1 423 635,128	27,710	27,248	74	65	62 329	8 372,130	73 996,535	8,838	8,376
25	16	98 449	49 964,739	1 372 259,800	27,465	27,002	75	66	59 614	7 793,145	65 624,405	8,421	7,958
26	17	98 374	48 590,850	1 322 295,061	27,213	26,750	76	67	56 776	7 223,448	57 831,259	8,006	7,543
27	18	98 297	47 253,188	1 273 704,211	26,955	26,492	77	68	53 779	6 659,046	50 607,811	7,600	7,137
28	19	98 213	45 949,357	1 226 451,023	26,691	26,229	78	69	50 606	6 098,414	43 948,766	7,207	6,744
29	20	98 131	44 682,246	1 180 501,665	26,420	25,957	79	70	47 266	5 543,516	37 850,352	6,828	6,365
30	21	98 048	43 449,224	1 135 819,420	26,141	25,678	80	71	43 872	5 007,736	32 306,836	6,451	5,989
31	22	97 961	42 249,125	1 092 370,195	25,855	25,393	81	72	40 347	4 482,150	27 299,100	6,091	5,628
32	23	97 866	41 078,450	1 050 121,070	25,564	25,101	82	73	36 749	3 973,164	22 816,949	5,743	5,280
33	24	97 771	39 940,093	1 009 042,621	25,264	24,801	83	74	33 139	3 486,912	18 843,785	5,404	4,941
34	25	97 678	38 834,076	969 102,527	24,955	24,492	84	75	29 564	3 027,505	15 356,873	5,072	4,610
35	26	97 577	37 755,769	930 268,451	24,639	24,176	85	76	26 006	2 591,937	12 329,367	4,757	4,294
36	27	97 466	36 703,662	892 512,682	24,317	23,854	86	77	22 488	2 181,297	9 737,431	4,464	4,001
37	28	97 352	35 679,528	855 809,020	23,986	23,523	87	78	19 094	1 802,468	7 556,134	4,192	3,729
38	29	97 231	34 681,295	820 129,493	23,648	23,185	88	79	15 840	1 455,271	5 753,665	3,954	3,491
39	30	97 099	33 707,393	785 448,198	23,302	22,839	89	80	12 945	1 157,520	4 298,394	3,713	3,251
40	31	96 959	32 757,748	751 740,804	22,948	22,486	90	81	10 349	900,576	3 140,874	3,488	3,025
41	32	96 795	31 827,174	718 983,057	22,590	22,127	91	82	8 166	691,613	2 240,298	3,239	2,776
42	33	96 618	30 918,628	687 155,883	22,225	21,762	92	83	6 206	511,537	1 548,685	3,028	2,565
43	34	96 427	30 031,728	656 237,255	21,851	21,389	93	84	4 542	364,379	1 037,148	2,846	2,384
44	35	96 203	29 159,913	626 205,527	21,475	21,012	94	85	3 221	251,483	672,769	2,675	2,212
45	36	95 957	28 307,015	597 045,614	21,092	20,629	95	86	2 201	167,253	421,286	2,519	2,056
46	37	95 681	27 470,182	568 738,599	20,704	20,241	96	87	1 447	107,024	254,033	2,374	1,911
47	38	95 367	26 647,287	541 268,417	20,312	19,850	97	88	907	65,301	147,009	2,251	1,788
48	39	95 016	25 838,635	514 621,130	19,917	19,454	98	89	546	38,241	81,708	2,137	1,674
49	40	94 614	25 040,663	488 782,495	19,520	19,057	99	90	314	21,374	43,467	2,034	1,571
							100	91	173	11,463	22,093	1,927	1,465

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	24 275,543	465 859,694	19,190	18,728
1							51	41	93 776	23 508,137	441 584,151	18,784	18,321
2							52	42	93 248	22 750,202	418 076,014	18,377	17,914
3							53	43	92 670	22 004,028	395 325,812	17,966	17,503
4							54	44	92 041	21 269,771	373 321,784	17,552	17,089
5							55	45	91 348	20 544,597	352 052,013	17,136	16,673
6							56	46	90 595	19 829,950	331 507,416	16,718	16,255
7							57	47	89 781	19 125,750	311 677,466	16,296	15,833
8							58	48	88 911	18 433,574	292 551,716	15,871	15,408
9							59	49	87 962	17 748,633	274 118,141	15,444	14,982
10	0	99 460	75 828,171	2 316 920,796	30,555	30,092	60	50	86 935	17 072,039	256 369,508	15,017	14,554
11	1	99 133	73 556,002	2 241 092,625	30,468	30,005	61	51	85 812	16 400,542	239 297,470	14,591	14,128
12	2	99 095	71 560,036	2 167 536,623	30,290	29,827	62	52	84 636	15 742,845	222 896,928	14,159	13,696
13	3	99 069	69 626,295	2 095 976,587	30,103	29,640	63	53	83 364	15 091,210	207 154,082	13,727	13,264
14	4	99 046	67 747,169	2 026 350,292	29,910	29,448	64	54	82 019	14 450,360	192 062,872	13,291	12,828
15	5	99 018	65 915,210	1 958 603,123	29,714	29,251	65	55	80 583	13 817,314	177 612,513	12,854	12,392
16	6	98 989	64 132,441	1 892 687,913	29,512	29,049	66	56	79 041	13 190,286	163 795,199	12,418	11,955
17	7	98 952	62 392,490	1 828 555,472	29,307	28,844	67	57	77 429	12 575,382	150 604,912	11,976	11,513
18	8	98 910	60 696,814	1 766 162,981	29,098	28,635	68	58	75 719	11 968,585	138 029,530	11,533	11,070
19	9	98 849	59 035,829	1 705 466,168	28,889	28,426	69	59	73 893	11 367,274	126 060,945	11,090	10,627
20	10	98 788	57 420,818	1 646 430,339	28,673	28,210	70	60	71 950	10 772,169	114 693,671	10,647	10,184
21	11	98 721	55 846,123	1 589 009,521	28,453	27,991	71	61	69 869	10 180,587	103 921,502	10,208	9,745
22	12	98 658	54 316,494	1 533 163,398	28,226	27,764	72	62	67 677	9 597,274	93 740,915	9,767	9,305
23	13	98 595	52 828,975	1 478 846,903	27,993	27,530	73	63	65 296	9 011,785	84 143,641	9,337	8,874
24	14	98 531	51 381,689	1 426 017,929	27,753	27,291	74	64	62 781	8 432,811	75 131,857	8,909	8,447
25	15	98 462	49 971,513	1 374 636,240	27,508	27,046	75	65	60 079	7 853,954	66 699,045	8,492	8,030
26	16	98 390	48 598,663	1 324 664,727	27,257	26,794	76	66	57 246	7 283,315	58 845,091	8,079	7,617
27	17	98 314	47 261,484	1 276 066,064	27,000	26,537	77	67	54 269	6 719,654	51 561,776	7,673	7,210
28	18	98 235	45 959,397	1 228 804,580	26,737	26,274	78	68	51 106	6 158,739	44 842,122	7,281	6,818
29	19	98 153	44 691,857	1 182 845,183	26,467	26,004	79	69	47 790	5 604,990	38 683,382	6,902	6,439
30	20	98 068	43 458,393	1 138 153,326	26,189	25,727	80	70	44 403	5 068,293	33 078,392	6,527	6,064
31	21	97 982	42 258,259	1 094 694,933	25,905	25,442	81	71	40 893	4 542,764	28 010,099	6,166	5,703
32	22	97 889	41 087,892	1 052 436,674	25,614	25,151	82	72	37 327	4 035,616	23 467,335	5,815	5,352
33	23	97 793	39 949,180	1 011 348,782	25,316	24,853	83	73	33 723	3 548,426	19 431,719	5,476	5,013
34	24	97 700	38 842,907	971 399,602	25,008	24,546	84	74	30 146	3 087,162	15 883,293	5,145	4,682
35	25	97 599	37 764,184	932 556,695	24,694	24,231	85	75	26 599	2 651,004	12 796,131	4,827	4,364
36	26	97 493	36 713,470	894 792,511	24,372	23,909	86	76	23 073	2 238,026	10 145,127	4,533	4,070
37	27	97 378	35 688,740	858 079,040	24,043	23,581	87	77	19 663	1 856,213	7 907,101	4,260	3,797
38	28	97 256	34 690,305	822 390,300	23,707	23,244	88	78	16 385	1 505,336	6 050,888	4,020	3,557
39	29	97 126	33 716,745	787 699,995	23,362	22,899	89	79	13 450	1 202,681	4 545,552	3,780	3,317
40	30	96 985	32 766,740	753 983,250	23,011	22,548	90	80	10 818	941,408	3 342,870	3,551	3,088
41	31	96 827	31 837,554	721 216,510	22,653	22,190	91	81	8 591	727,628	2 401,462	3,300	2,838
42	32	96 651	30 929,341	689 378,956	22,289	21,826	92	82	6 580	542,381	1 673,835	3,086	2,623
43	33	96 462	30 042,597	658 449,616	21,917	21,454	93	83	4 858	389,694	1 131,454	2,903	2,441
44	34	96 242	29 171,751	628 407,018	21,542	21,079	94	84	3 478	271,576	741,760	2,731	2,269
45	35	95 998	28 319,083	599 235,267	21,160	20,697	95	85	2 406	182,849	470,185	2,571	2,109
46	36	95 726	27 482,997	570 916,184	20,773	20,311	96	86	1 602	118,474	287,336	2,425	1,962
47	37	95 417	26 661,330	543 433,187	20,383	19,920	97	87	1 025	73,758	168,861	2,289	1,827
48	38	95 072	25 853,878	516 771,857	19,988	19,525	98	88	624	43,727	95,103	2,175	1,712
49	39	94 681	25 058,285	490 917,979	19,591	19,128	99	89	364	24,847	51,376	2,068	1,605
							100	90	203	13,457	26,530	1,971	1,509

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	24 292,627	467 800,068	19,257	18,794
1							51	40	93 843	23 524,905	443 507,441	18,853	18,390
2							52	41	93 326	22 769,123	419 982,536	18,445	17,982
3							53	42	92 758	22 024,862	397 213,414	18,035	17,572
4							54	43	92 138	21 292,246	375 188,551	17,621	17,158
5							55	44	91 451	20 567,856	353 896,305	17,206	16,743
6							56	45	90 718	19 856,808	333 328,450	16,787	16,324
7							57	46	89 920	19 155,459	313 471,642	16,365	15,902
8							58	47	89 066	18 465,620	294 316,183	15,939	15,476
9							59	48	88 125	17 781,582	275 850,563	15,513	15,050
10							60	49	87 117	17 107,830	258 068,982	15,085	14,622
11	0	99 451	73 792,108	2 243 599,753	30,404	29,942	61	50	86 013	16 438,951	240 961,152	14,658	14,195
12	1	99 123	71 580,389	2 169 807,645	30,313	29,850	62	51	84 848	15 782,155	224 522,201	14,226	13,764
13	2	99 085	69 637,522	2 098 227,256	30,131	29,668	63	52	83 596	15 133,141	208 740,046	13,794	13,331
14	3	99 060	67 756,885	2 028 589,735	29,939	29,476	64	53	82 269	14 494,411	193 606,904	13,357	12,895
15	4	99 030	65 923,111	1 960 832,850	29,744	29,281	65	54	80 840	13 861,479	179 112,493	12,922	12,459
16	5	98 998	64 138,243	1 894 909,739	29,544	29,081	66	55	79 327	13 237,910	165 251,015	12,483	12,020
17	6	98 960	62 397,493	1 830 771,496	29,340	28,878	67	56	77 724	12 623,261	152 013,105	12,042	11,579
18	7	98 918	60 701,885	1 768 374,003	29,132	28,669	68	57	76 033	12 018,175	139 389,844	11,598	11,135
19	8	98 855	59 039,496	1 707 672,118	28,924	28,461	69	58	74 231	11 419,343	127 371,668	11,154	10,691
20	9	98 795	57 424,463	1 648 632,622	28,710	28,247	70	59	72 296	10 823,889	115 952,326	10,713	10,250
21	10	98 729	55 850,623	1 591 208,159	28,490	28,028	71	60	70 253	10 236,560	105 128,437	10,270	9,807
22	11	98 666	54 320,808	1 535 357,536	28,265	27,802	72	61	68 064	9 652,151	94 891,877	9,831	9,368
23	12	98 602	52 833,025	1 481 036,728	28,032	27,570	73	62	65 708	9 068,689	85 239,726	9,399	8,937
24	13	98 541	51 386,743	1 428 203,703	27,793	27,330	74	63	63 202	8 489,424	76 171,038	8,972	8,510
25	14	98 474	49 977,700	1 376 816,959	27,549	27,086	75	64	60 515	7 910,879	67 681,614	8,556	8,093
26	15	98 404	48 605,252	1 326 839,260	27,298	26,835	76	65	57 693	7 340,146	59 770,735	8,143	7,680
27	16	98 330	47 269,083	1 278 234,007	27,042	26,579	77	66	54 718	6 775,346	52 430,589	7,738	7,276
28	17	98 252	45 967,466	1 230 964,924	26,779	26,316	78	67	51 571	6 214,795	45 655,243	7,346	6,883
29	18	98 174	44 701,621	1 184 997,458	26,509	26,046	79	68	48 263	5 660,435	39 440,448	6,968	6,505
30	19	98 089	43 467,741	1 140 295,837	26,233	25,770	80	69	44 895	5 124,497	33 780,013	6,592	6,129
31	20	98 003	42 267,177	1 096 828,095	25,950	25,487	81	70	41 387	4 597,699	28 655,516	6,233	5,770
32	21	97 910	41 096,775	1 054 560,919	25,660	25,198	82	71	37 832	4 090,191	24 057,818	5,882	5,419
33	22	97 816	39 958,362	1 013 464,144	25,363	24,900	83	72	34 253	3 604,201	19 967,627	5,540	5,077
34	23	97 722	38 851,744	973 505,782	25,057	24,594	84	73	30 678	3 141,623	16 363,425	5,209	4,746
35	24	97 621	37 772,772	934 654,038	24,744	24,281	85	74	27 123	2 703,242	13 221,802	4,891	4,428
36	25	97 514	36 721,653	896 881,266	24,424	23,961	86	75	23 599	2 289,028	10 518,560	4,595	4,132
37	26	97 404	35 698,277	860 159,612	24,095	23,632	87	76	20 174	1 904,488	8 229,532	4,321	3,858
38	27	97 281	34 699,262	824 461,335	23,760	23,297	88	77	16 873	1 550,221	6 325,044	4,080	3,617
39	28	97 152	33 725,505	789 762,073	23,417	22,955	89	78	13 913	1 244,056	4 774,823	3,838	3,375
40	29	97 012	32 775,831	756 036,568	23,067	22,604	90	79	11 240	978,138	3 530,767	3,610	3,147
41	30	96 853	31 846,293	723 260,737	22,711	22,248	91	80	8 981	760,618	2 552,629	3,356	2,893
42	31	96 683	30 939,428	691 414,444	22,347	21,885	92	81	6 923	570,624	1 792,010	3,140	2,678
43	32	96 495	30 053,006	660 475,016	21,977	21,514	93	82	5 151	413,191	1 221,386	2,956	2,493
44	33	96 276	29 182,309	630 422,010	21,603	21,140	94	83	3 720	290,442	808,196	2,783	2,320
45	34	96 037	28 330,580	601 239,701	21,222	20,759	95	84	2 599	197,458	517,753	2,622	2,159
46	35	95 766	27 494,714	572 909,121	20,837	20,374	96	85	1 751	129,522	320,295	2,473	2,010
47	36	95 462	26 673,768	545 414,406	20,448	19,985	97	86	1 134	81,650	190,773	2,336	1,874
48	37	95 122	25 867,502	518 740,638	20,054	19,591	98	87	705	49,390	109,123	2,209	1,747
49	38	94 736	25 073,067	492 873,136	19,657	19,195	99	88	417	28,411	59,733	2,102	1,640
							100	89	236	15,644	31,322	2,002	1,539

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	24 306,958	469 576,142	19,319	18,856
1							51	39	93 909	23 541,461	445 269,184	18,914	18,451
2							52	40	93 392	22 785,364	421 727,723	18,509	18,046
3							53	41	92 835	22 043,180	398 942,359	18,098	17,635
4							54	42	92 226	21 312,406	376 899,180	17,684	17,222
5							55	43	91 548	20 589,589	355 586,773	17,270	16,807
6							56	44	90 820	19 879,288	334 997,184	16,852	16,389
7							57	45	90 042	19 181,403	315 117,897	16,428	15,965
8							58	46	89 204	18 494,303	295 936,494	16,001	15,539
9							59	47	88 278	17 812,494	277 442,191	15,576	15,113
10							60	48	87 279	17 139,589	259 629,697	15,148	14,685
11							61	49	86 194	16 473,415	242 490,108	14,720	14,257
12	0	99 442	71 810,154	2 172 120,545	30,248	29,785	62	50	85 046	15 819,116	226 016,694	14,288	13,825
13	1	99 113	69 657,327	2 100 310,392	30,152	29,689	63	51	83 805	15 170,929	210 197,578	13,855	13,392
14	2	99 076	67 767,810	2 030 653,064	29,965	29,502	64	52	82 498	14 534,684	195 026,649	13,418	12,955
15	3	99 044	65 932,565	1 962 885,254	29,771	29,308	65	53	81 087	13 903,735	180 491,965	12,982	12,519
16	4	99 010	64 145,931	1 896 952,689	29,572	29,110	66	54	79 580	13 280,223	166 588,230	12,544	12,081
17	5	98 969	62 403,138	1 832 806,759	29,370	28,908	67	55	78 004	12 668,837	153 308,007	12,101	11,638
18	6	98 926	60 706,752	1 770 403,621	29,163	28,700	68	56	76 323	12 063,933	140 639,170	11,658	11,195
19	7	98 863	59 044,429	1 709 696,869	28,956	28,493	69	57	74 539	11 466,657	128 575,237	11,213	10,750
20	8	98 801	57 428,030	1 650 652,440	28,743	28,280	70	58	72 627	10 873,468	117 108,580	10,770	10,307
21	9	98 736	55 854,169	1 593 224,409	28,525	28,062	71	59	70 590	10 285,708	106 235,112	10,328	9,866
22	10	98 674	54 325,185	1 537 370,241	28,299	27,837	72	60	68 438	9 705,218	95 949,403	9,886	9,424
23	11	98 610	52 837,221	1 483 045,056	28,068	27,605	73	61	66 084	9 120,543	86 244,186	9,456	8,993
24	12	98 548	51 390,683	1 430 207,835	27,830	27,367	74	62	63 602	8 543,030	77 123,643	9,028	8,565
25	13	98 484	49 982,617	1 378 817,152	27,586	27,123	75	63	60 921	7 963,988	68 580,613	8,611	8,149
26	14	98 416	48 611,270	1 328 834,535	27,336	26,873	76	64	58 111	7 393,347	60 616,625	8,199	7,736
27	15	98 343	47 275,492	1 280 223,265	27,080	26,617	77	65	55 145	6 828,213	53 223,278	7,795	7,332
28	16	98 268	45 974,857	1 232 947,773	26,818	26,355	78	66	51 999	6 266,302	46 395,065	7,404	6,941
29	17	98 191	44 709,470	1 186 972,917	26,549	26,086	79	67	48 702	5 711,955	40 128,763	7,025	6,563
30	18	98 111	43 477,239	1 142 263,447	26,273	25,810	80	68	45 339	5 175,189	34 416,808	6,650	6,188
31	19	98 024	42 276,269	1 098 786,208	25,991	25,528	81	69	41 846	4 648,684	29 241,619	6,290	5,827
32	20	97 930	41 105,447	1 056 509,940	25,702	25,240	82	70	38 289	4 139,653	24 592,936	5,941	5,478
33	21	97 837	39 967,001	1 015 404,493	25,406	24,943	83	71	34 716	3 652,943	20 453,283	5,599	5,136
34	22	97 745	38 860,674	975 437,492	25,101	24,638	84	72	31 160	3 191,005	16 800,340	5,265	4,802
35	23	97 643	37 781,366	936 576,817	24,789	24,327	85	73	27 602	2 750,930	13 609,336	4,947	4,484
36	24	97 536	36 730,004	898 795,452	24,470	24,008	86	74	24 064	2 334,133	10 858,406	4,652	4,189
37	25	97 425	35 706,234	862 065,448	24,143	23,680	87	75	20 634	1 947,889	8 524,272	4,376	3,913
38	26	97 307	34 708,535	826 359,214	23,809	23,346	88	76	17 312	1 590,538	6 576,383	4,135	3,672
39	27	97 177	33 734,213	791 650,679	23,467	23,004	89	77	14 328	1 281,151	4 985,846	3,892	3,429
40	28	97 038	32 784,346	757 916,466	23,118	22,655	90	78	11 627	1 011,788	3 704,695	3,662	3,199
41	29	96 880	31 855,129	725 132,120	22,763	22,301	91	79	9 331	790,294	2 692,906	3,407	2,945
42	30	96 709	30 947,921	693 276,991	22,401	21,939	92	80	7 237	596,496	1 902,612	3,190	2,727
43	31	96 527	30 062,807	662 329,070	22,032	21,569	93	81	5 419	434,707	1 306,116	3,005	2,542
44	32	96 310	29 192,420	632 266,263	21,659	21,196	94	82	3 944	307,955	871,409	2,830	2,367
45	33	96 072	28 340,834	603 073,843	21,279	20,817	95	83	2 779	211,176	563,454	2,668	2,205
46	34	95 805	27 505,877	574 733,010	20,895	20,432	96	84	1 891	139,870	352,278	2,519	2,056
47	35	95 503	26 685,140	547 227,133	20,507	20,044	97	85	1 240	89,263	212,408	2,380	1,917
48	36	95 167	25 879,570	520 541,992	20,114	19,651	98	86	781	54,674	123,144	2,252	1,790
49	37	94 786	25 086,280	494 662,422	19,718	19,256	99	87	471	32,091	68,470	2,134	1,671
							100	88	270	17,888	36,380	2,034	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	24 319,767	471 201,306	19,375	18,912
1							51	38	93 964	23 555,348	446 881,539	18,972	18,509
2							52	39	93 458	22 801,399	423 326,191	18,566	18,103
3							53	40	92 901	22 058,903	400 524,792	18,157	17,694
4							54	41	92 302	21 330,131	378 465,889	17,743	17,280
5							55	42	91 635	20 609,084	357 135,757	17,329	16,866
6							56	43	90 916	19 900,293	336 526,673	16,911	16,448
7							57	44	90 144	19 203,118	316 626,380	16,488	16,025
8							58	45	89 325	18 519,352	297 423,262	16,060	15,597
9							59	46	88 415	17 840,162	278 903,910	15,633	15,171
10							60	47	87 431	17 169,385	261 063,748	15,205	14,742
11							61	48	86 354	16 503,996	243 894,363	14,778	14,315
12							62	49	85 225	15 852,280	227 390,367	14,344	13,882
13	0	99 431	69 880,919	2 102 444,807	30,086	29,623	63	50	84 001	15 206,458	211 538,087	13,911	13,448
14	1	99 104	67 787,084	2 032 563,887	29,985	29,522	64	51	82 704	14 570,978	196 331,629	13,474	13,011
15	2	99 060	65 943,196	1 964 776,803	29,795	29,332	65	52	81 312	13 942,367	181 760,651	13,037	12,574
16	3	99 024	64 155,130	1 898 833,607	29,598	29,135	66	53	79 823	13 320,707	167 818,285	12,598	12,135
17	4	98 980	62 410,618	1 834 678,478	29,397	28,934	67	54	78 254	12 709,331	154 497,578	12,156	11,693
18	5	98 935	60 712,244	1 772 267,860	29,191	28,728	68	55	76 598	12 107,490	141 788,247	11,711	11,248
19	6	98 871	59 049,163	1 711 555,616	28,985	28,522	69	56	74 823	11 510,315	129 680,757	11,266	10,804
20	7	98 809	57 432,828	1 652 506,453	28,773	28,310	70	57	72 928	10 918,521	118 170,442	10,823	10,360
21	8	98 742	55 857,638	1 595 073,624	28,556	28,093	71	58	70 914	10 332,822	107 251,921	10,380	9,917
22	9	98 680	54 328,634	1 539 215,986	28,332	27,869	72	59	68 767	9 751,815	96 919,099	9,939	9,476
23	10	98 618	52 841,478	1 484 887,352	28,101	27,638	73	60	66 447	9 170,687	87 167,284	9,505	9,042
24	11	98 556	51 394,765	1 432 045,875	27,864	27,401	74	61	63 965	8 591,879	77 996,596	9,078	8,615
25	12	98 491	49 986,448	1 380 651,110	27,621	27,158	75	62	61 306	8 014,276	69 404,718	8,660	8,197
26	13	98 425	48 616,052	1 330 664,662	27,371	26,908	76	63	58 501	7 442,981	61 390,442	8,248	7,785
27	14	98 356	47 281,345	1 282 048,609	27,115	26,652	77	64	55 545	6 877,704	53 947,460	7,844	7,381
28	15	98 281	45 981,090	1 234 767,264	26,854	26,391	78	65	52 405	6 315,197	47 069,757	7,453	6,991
29	16	98 207	44 716,658	1 188 786,174	26,585	26,122	79	66	49 106	5 759,295	40 754,560	7,076	6,613
30	17	98 128	43 484,872	1 144 069,515	26,310	25,847	80	67	45 752	5 222,292	34 995,265	6,701	6,238
31	18	98 046	42 285,505	1 100 584,644	26,027	25,565	81	68	42 260	4 694,669	29 772,973	6,342	5,879
32	19	97 952	41 114,289	1 058 299,138	25,740	25,278	82	69	38 714	4 185,558	25 078,304	5,992	5,529
33	20	97 857	39 975,435	1 017 184,849	25,445	24,982	83	70	35 136	3 697,117	20 892,746	5,651	5,188
34	21	97 766	38 869,076	977 209,414	25,141	24,678	84	71	31 582	3 234,158	17 195,630	5,317	4,854
35	22	97 666	37 790,050	938 340,338	24,830	24,368	85	72	28 036	2 794,171	13 961,472	4,997	4,534
36	23	97 559	36 738,360	900 550,289	24,513	24,050	86	73	24 488	2 375,310	11 167,301	4,701	4,239
37	24	97 447	35 714,354	863 811,928	24,187	23,724	87	74	21 041	1 986,272	8 791,991	4,426	3,964
38	25	97 329	34 716,271	828 097,574	23,853	23,390	88	75	17 706	1 626,784	6 805,719	4,184	3,721
39	26	97 203	33 743,227	793 381,303	23,512	23,049	89	76	14 701	1 314,470	5 178,935	3,940	3,477
40	27	97 063	32 792,811	759 638,076	23,165	22,702	90	77	11 973	1 041,957	3 864,465	3,709	3,246
41	28	96 905	31 863,405	726 845,265	22,811	22,348	91	78	9 652	817,482	2 822,508	3,453	2,990
42	29	96 736	30 956,507	694 981,860	22,450	21,987	92	79	7 519	619,769	2 005,026	3,235	2,772
43	30	96 553	30 071,060	664 025,353	22,082	21,619	93	80	5 665	454,417	1 385,257	3,048	2,586
44	31	96 341	29 201,940	633 954,293	21,709	21,246	94	81	4 150	323,991	930,840	2,873	2,410
45	32	96 105	28 350,653	604 752,353	21,331	20,868	95	82	2 947	223,910	606,849	2,710	2,247
46	33	95 840	27 515,832	576 401,700	20,948	20,485	96	83	2 023	149,587	382,940	2,560	2,097
47	34	95 541	26 695,974	548 885,868	20,561	20,098	97	84	1 339	96,395	233,352	2,421	1,958
48	35	95 207	25 890,604	522 189,894	20,169	19,706	98	85	853	59,772	136,957	2,291	1,828
49	36	94 831	25 097,984	496 299,290	19,774	19,312	99	86	521	35,524	77,185	2,173	1,710
							100	87	305	20,205	41,661	2,062	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	24 331,113	472 687,935	19,427	18,964
1							51	37	94 014	23 567,761	448 356,823	19,024	18,561
2							52	38	93 513	22 814,850	424 789,061	18,619	18,156
3							53	39	92 966	22 074,427	401 974,211	18,210	17,747
4							54	40	92 368	21 345,346	379 899,784	17,798	17,335
5							55	41	91 711	20 626,224	358 554,438	17,383	16,921
6							56	42	91 002	19 919,136	337 928,214	16,965	16,502
7							57	43	90 239	19 223,409	318 009,078	16,543	16,080
8							58	44	89 426	18 540,318	298 785,669	16,115	15,653
9							59	45	88 535	17 864,325	280 245,351	15,687	15,225
10							60	46	87 567	17 196,054	262 381,026	15,258	14,795
11							61	47	86 504	16 532,687	245 184,972	14,830	14,367
12							62	48	85 383	15 881,708	228 652,285	14,397	13,934
13							63	49	84 177	15 238,338	212 770,576	13,963	13,500
14	0	99 422	68 004,673	2 034 534,421	29,918	29,455	64	50	82 898	14 605,102	197 532,239	13,525	13,062
15	1	99 088	65 961,951	1 966 529,748	29,813	29,350	65	51	81 515	13 977,181	182 927,137	13,088	12,625
16	2	99 040	64 165,474	1 900 567,797	29,620	29,157	66	52	80 045	13 357,719	168 949,956	12,648	12,185
17	3	98 995	62 419,568	1 836 402,323	29,420	28,957	67	53	78 492	12 748,075	155 592,237	12,205	11,742
18	4	98 947	60 719,521	1 773 982,755	29,216	28,753	68	54	76 843	12 146,189	142 844,162	11,760	11,298
19	5	98 880	59 054,505	1 713 263,234	29,012	28,549	69	55	75 093	11 551,873	130 697,973	11,314	10,851
20	6	98 817	57 437,434	1 654 208,729	28,800	28,337	70	56	73 205	10 960,092	119 146,100	10,871	10,408
21	7	98 750	55 862,305	1 596 771,295	28,584	28,121	71	57	71 207	10 375,635	108 186,008	10,427	9,964
22	8	98 686	54 332,009	1 540 908,990	28,361	27,908	72	58	69 082	9 796,484	97 810,373	9,984	9,521
23	9	98 624	52 844,833	1 486 576,981	28,131	27,668	73	59	66 766	9 214,718	88 013,889	9,551	9,089
24	10	98 564	51 398,905	1 433 732,149	27,894	27,431	74	60	64 317	8 639,116	78 799,171	9,121	8,658
25	11	98 499	49 990,419	1 382 333,244	27,652	27,189	75	61	61 656	8 060,101	70 160,055	8,705	8,242
26	12	98 433	48 619,779	1 332 342,825	27,403	26,940	76	62	58 871	7 489,979	62 099,953	8,291	7,828
27	13	98 365	47 285,997	1 283 723,045	27,148	26,685	77	63	55 918	6 923,876	54 609,974	7,887	7,424
28	14	98 293	45 986,783	1 236 437,049	26,887	26,424	78	64	52 784	6 360,969	47 686,097	7,497	7,034
29	15	98 220	44 722,721	1 190 450,266	26,618	26,156	79	65	49 489	5 804,234	41 325,128	7,120	6,657
30	16	98 144	43 491,864	1 145 727,545	26,343	25,881	80	66	46 131	5 265,574	35 520,894	6,746	6,283
31	17	98 063	42 292,929	1 102 235,681	26,062	25,599	81	67	42 645	4 737,398	30 255,321	6,386	5,924
32	18	97 973	41 123,272	1 059 942,752	25,775	25,312	82	68	39 097	4 226,962	25 517,923	6,037	5,574
33	19	97 878	39 984,034	1 018 819,480	25,481	25,018	83	69	35 526	3 738,115	21 290,961	5,696	5,233
34	20	97 786	38 877,278	978 835,446	25,178	24,715	84	70	31 964	3 273,268	17 552,846	5,362	4,900
35	21	97 687	37 798,220	939 958,167	24,868	24,405	85	71	28 415	2 831,957	14 279,578	5,042	4,579
36	22	97 581	36 746,805	902 159,948	24,551	24,088	86	72	24 873	2 412,646	11 447,621	4,745	4,282
37	23	97 470	35 722,479	865 413,143	24,226	23,763	87	73	21 412	2 021,312	9 034,975	4,470	4,007
38	24	97 351	34 724,166	829 690,664	23,894	23,431	88	74	18 055	1 658,840	7 013,662	4,228	3,765
39	25	97 224	33 750,748	794 966,498	23,554	23,091	89	75	15 036	1 344,425	5 354,822	3,983	3,520
40	26	97 089	32 801,574	761 215,750	23,207	22,744	90	76	12 285	1 069,055	4 010,397	3,751	3,289
41	27	96 930	31 871,632	728 414,176	22,855	22,392	91	77	9 940	841,857	2 941,342	3,494	3,031
42	28	96 761	30 964,550	696 542,544	22,495	22,032	92	78	7 778	641,090	2 099,484	3,275	2,812
43	29	96 580	30 079,403	665 577,994	22,127	21,665	93	79	5 886	472,146	1 458,394	3,089	2,626
44	30	96 368	29 209,957	635 498,591	21,756	21,293	94	80	4 338	338,681	986,248	2,912	2,449
45	31	96 136	28 359,899	606 288,635	21,378	20,916	95	81	3 100	235,569	647,567	2,749	2,286
46	32	95 873	27 525,365	577 928,736	20,996	20,533	96	82	2 145	158,607	411,998	2,598	2,135
47	33	95 576	26 705,636	550 403,371	20,610	20,147	97	83	1 432	103,092	253,391	2,458	1,995
48	34	95 246	25 901,115	523 697,735	20,219	19,756	98	84	922	64,548	150,299	2,328	1,866
49	35	94 871	25 108,684	497 796,619	19,826	19,363	99	85	570	38,837	85,751	2,208	1,745
							100	86	337	22,366	46,915	2,098	1,635

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	24 341,486	474 047,826	19,475	19,012
1							51	36	94 058	23 578,757	449 706,340	19,073	18,610
2							52	37	93 562	22 826,873	426 127,583	18,668	18,205
3							53	38	93 021	22 087,449	403 300,710	18,259	17,796
4							54	39	92 433	21 360,368	381 213,261	17,847	17,384
5							55	40	91 776	20 640,937	359 852,893	17,434	16,971
6							56	41	91 078	19 935,702	339 211,956	17,015	16,552
7							57	42	90 325	19 241,611	319 276,255	16,593	16,130
8							58	43	89 520	18 559,908	300 034,644	16,166	15,703
9							59	44	88 635	17 884,549	281 474,735	15,738	15,276
10							60	45	87 685	17 219,345	263 590,186	15,308	14,845
11							61	46	86 638	16 558,368	246 370,841	14,879	14,416
12							62	47	85 531	15 909,318	229 812,474	14,445	13,982
13							63	48	84 333	15 266,626	213 903,156	14,011	13,548
14							64	49	83 071	14 635,721	198 636,530	13,572	13,109
15	0	99 406	66 173,681	1 968 349,852	29,745	29,282	65	50	81 706	14 009,914	184 000,809	13,134	12,671
16	1	99 068	64 183,724	1 902 176,171	29,636	29,174	66	51	80 245	13 391,074	169 990,895	12,694	12,232
17	2	99 011	62 429,632	1 837 992,447	29,441	28,978	67	52	78 710	12 783,496	156 599,821	12,250	11,787
18	3	98 961	60 728,229	1 775 562,815	29,238	28,775	68	53	77 077	12 183,216	143 816,325	11,804	11,342
19	4	98 892	59 061,584	1 714 834,586	29,035	28,572	69	54	75 333	11 588,796	131 633,109	11,359	10,896
20	5	98 826	57 442,630	1 655 773,002	28,825	28,362	70	55	73 470	10 999,663	120 044,312	10,913	10,451
21	6	98 758	55 866,784	1 598 330,372	28,610	28,147	71	56	71 478	10 415,139	109 044,649	10,470	10,007
22	7	98 694	54 336,548	1 542 463,588	28,387	27,924	72	57	69 368	9 837,074	98 629,511	10,026	9,563
23	8	98 631	52 848,115	1 488 127,040	28,159	27,696	73	58	67 072	9 256,927	88 792,436	9,592	9,129
24	9	98 570	51 402,169	1 435 278,925	27,923	27,460	74	59	64 626	8 680,595	79 535,510	9,162	8,700
25	10	98 507	49 994,446	1 383 876,756	27,681	27,218	75	60	61 995	8 104,415	70 854,914	8,743	8,280
26	11	98 441	48 623,641	1 333 882,310	27,433	26,970	76	61	59 207	7 532,807	62 750,499	8,330	7,867
27	12	98 373	47 289,622	1 285 258,669	27,178	26,716	77	62	56 271	6 967,597	55 217,692	7,925	7,462
28	13	98 303	45 991,307	1 237 969,047	26,917	26,455	78	63	53 139	6 403,673	48 250,095	7,535	7,072
29	14	98 232	44 728,258	1 191 977,740	26,649	26,186	79	64	49 848	5 846,302	41 846,422	7,158	6,695
30	15	98 157	43 497,760	1 147 249,482	26,375	25,912	80	65	46 491	5 306,660	36 000,120	6,784	6,321
31	16	98 079	42 299,730	1 103 751,722	26,094	25,631	81	66	42 998	4 776,661	30 693,460	6,426	5,963
32	17	97 990	41 130,492	1 061 451,992	25,807	25,344	82	67	39 452	4 265,435	25 916,799	6,076	5,613
33	18	97 900	39 992,770	1 020 321,500	25,513	25,050	83	68	35 877	3 775,092	21 651,364	5,735	5,272
34	19	97 807	38 885,641	980 328,730	25,211	24,748	84	69	32 318	3 309,566	17 876,271	5,401	4,939
35	20	97 707	37 806,196	941 443,090	24,902	24,439	85	70	28 758	2 866,203	14 566,706	5,082	4,619
36	21	97 602	36 754,749	903 636,893	24,586	24,123	86	71	25 210	2 445,273	11 700,502	4,785	4,322
37	22	97 492	35 730,690	866 882,144	24,262	23,799	87	72	21 748	2 053,084	9 255,229	4,508	4,045
38	23	97 373	34 732,066	831 151,454	23,930	23,468	88	73	18 374	1 688,104	7 202,145	4,266	3,804
39	24	97 246	33 758,424	796 419,389	23,592	23,129	89	74	15 332	1 370,917	5 514,041	4,022	3,559
40	25	97 110	32 808,885	762 660,965	23,246	22,783	90	75	12 565	1 093,418	4 143,124	3,789	3,326
41	26	96 956	31 880,149	729 852,080	22,894	22,431	91	76	10 198	863,752	3 049,706	3,531	3,068
42	27	96 786	30 972,545	697 971,931	22,535	22,072	92	77	8 010	660,206	2 185,955	3,311	2,848
43	28	96 605	30 087,218	666 999,386	22,169	21,706	93	78	6 088	488,389	1 525,749	3,124	2,661
44	29	96 394	29 218,061	636 912,169	21,799	21,336	94	79	4 507	351,895	1 037,360	2,948	2,485
45	30	96 163	28 367,684	607 694,108	21,422	20,959	95	80	3 241	246,250	685,465	2,784	2,321
46	31	95 904	27 534,342	579 326,424	21,040	20,577	96	81	2 256	166,866	439,215	2,632	2,169
47	32	95 609	26 714,888	551 792,082	20,655	20,192	97	82	1 519	109,308	272,349	2,492	2,029
48	33	95 280	25 910,489	525 077,193	20,265	19,802	98	83	986	69,032	163,041	2,362	1,899
49	34	94 910	25 118,878	499 166,704	19,872	19,409	99	84	615	41,940	94,009	2,242	1,779
							100	85	369	24,452	52,069	2,129	1,667

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	24 351,368	475 292,219	19,518	19,055
1							51	35	94 098	23 588,809	450 940,850	19,117	18,654
2							52	36	93 606	22 837,523	427 352,041	18,713	18,250
3							53	37	93 070	22 099,089	404 514,519	18,305	17,842
4							54	38	92 488	21 372,969	382 415,430	17,892	17,430
5							55	39	91 841	20 655,463	361 042,461	17,479	17,016
6							56	40	91 143	19 949,922	340 386,998	17,062	16,599
7							57	41	90 400	19 257,614	320 437,076	16,640	16,177
8							58	42	89 605	18 577,482	301 179,462	16,212	15,749
9							59	43	88 729	17 903,447	282 601,981	15,785	15,322
10							60	44	87 784	17 238,839	264 698,533	15,355	14,892
11							61	45	86 755	16 580,794	247 459,695	14,924	14,462
12							62	46	85 664	15 934,030	230 878,901	14,490	14,027
13							63	47	84 480	15 293,166	214 944,871	14,055	13,592
14							64	48	83 226	14 662,891	199 651,704	13,616	13,153
15							65	49	81 877	14 039,286	184 988,814	13,177	12,714
16	0	99 386	64 389,746	1 903 858,222	29,568	29,105	66	50	80 433	13 422,435	170 949,528	12,736	12,273
17	1	99 039	62 447,388	1 839 468,476	29,456	28,993	67	51	78 907	12 815,416	157 527,094	12,292	11,829
18	2	98 977	60 738,021	1 777 021,088	29,257	28,794	68	52	77 291	12 217,068	144 711,678	11,845	11,382
19	3	98 906	59 070,054	1 716 283,067	29,055	28,592	69	53	75 563	11 624,124	132 494,610	11,398	10,935
20	4	98 838	57 449,515	1 657 213,014	28,846	28,384	70	54	73 704	11 034,822	120 870,485	10,954	10,491
21	5	98 767	55 871,838	1 599 763,499	28,633	28,170	71	55	71 737	10 452,743	109 835,663	10,508	10,045
22	6	98 702	54 340,905	1 543 891,660	28,411	27,948	72	56	69 632	9 874,527	99 382,921	10,065	9,602
23	7	98 639	52 852,531	1 489 550,755	28,183	27,720	73	57	67 350	9 295,282	89 508,393	9,629	9,167
24	8	98 576	51 405,361	1 436 698,225	27,948	27,486	74	58	64 922	8 720,357	80 213,112	9,198	8,736
25	9	98 513	49 997,620	1 385 292,863	27,707	27,244	75	59	62 293	8 143,327	71 492,755	8,779	8,316
26	10	98 449	48 627,559	1 335 295,243	27,460	26,997	76	60	59 533	7 574,222	63 349,428	8,364	7,901
27	11	98 381	47 293,378	1 286 667,684	27,206	26,743	77	61	56 593	7 007,437	55 775,206	7,959	7,497
28	12	98 311	45 994,833	1 239 374,307	26,946	26,483	78	62	53 474	6 444,109	48 767,769	7,568	7,105
29	13	98 242	44 732,659	1 193 379,474	26,678	26,215	79	63	50 182	5 885,551	42 323,660	7,191	6,728
30	14	98 169	43 503,146	1 148 646,815	26,404	25,941	80	64	46 828	5 345,122	36 438,109	6,817	6,354
31	15	98 092	42 305,465	1 105 143,670	26,123	25,660	81	65	43 334	4 813,933	31 092,987	6,459	5,996
32	16	98 006	41 137,105	1 062 838,205	25,836	25,374	82	66	39 779	4 300,786	26 279,054	6,110	5,647
33	17	97 917	39 999,792	1 021 701,100	25,543	25,080	83	67	36 204	3 809,452	21 978,268	5,769	5,307
34	18	97 829	38 894,137	981 701,308	25,240	24,778	84	68	32 638	3 342,304	18 168,815	5,436	4,973
35	19	97 728	37 814,328	942 807,172	24,933	24,470	85	69	29 077	2 897,987	14 826,511	5,116	4,653
36	20	97 623	36 762,506	904 992,843	24,617	24,154	86	70	25 514	2 474,843	11 928,524	4,820	4,357
37	21	97 513	35 738,415	868 230,338	24,294	23,831	87	71	22 042	2 080,849	9 453,680	4,543	4,080
38	22	97 396	34 740,049	832 491,923	23,963	23,501	88	72	18 663	1 714,638	7 372,832	4,300	3,837
39	23	97 269	33 766,104	797 751,874	23,626	23,163	89	73	15 602	1 395,102	5 658,193	4,056	3,593
40	24	97 132	32 816,346	763 985,770	23,281	22,818	90	74	12 812	1 114,964	4 263,092	3,824	3,361
41	25	96 978	31 887,255	731 169,424	22,930	22,467	91	75	10 431	883,436	3 148,128	3,564	3,101
42	26	96 812	30 980,821	699 282,169	22,571	22,109	92	76	8 218	677,376	2 264,693	3,343	2,881
43	27	96 630	30 094,986	668 301,348	22,206	21,744	93	77	6 270	502,951	1 587,317	3,156	2,693
44	28	96 419	29 225,652	638 206,362	21,837	21,374	94	78	4 662	364,001	1 084,366	2,979	2,516
45	29	96 189	28 375,554	608 980,710	21,461	20,999	95	79	3 367	255,857	720,365	2,815	2,353
46	30	95 931	27 541,901	580 605,156	21,081	20,618	96	80	2 359	174,432	464,507	2,663	2,200
47	31	95 640	26 723,601	553 063,255	20,696	20,233	97	81	1 598	115,000	290,076	2,522	2,060
48	32	95 313	25 919,466	526 339,654	20,307	19,844	98	82	1 045	73,195	175,075	2,392	1,929
49	33	94 944	25 127,969	500 420,188	19,915	19,452	99	83	658	44,853	101,881	2,271	1,809
							100	84	398	26,405	57,028	2,160	1,697



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	24 360,182	476 430,765	19,558	19,095
1							51	34	94 136	23 598,386	452 070,583	19,157	18,694
2							52	35	93 646	22 847,259	428 472,197	18,754	18,291
3							53	36	93 114	22 109,399	405 624,938	18,346	17,883
4							54	37	92 536	21 384,232	383 515,540	17,935	17,472
5							55	38	91 895	20 667,648	362 131,308	17,522	17,059
6							56	39	91 207	19 963,962	341 463,660	17,104	16,641
7							57	40	90 464	19 271,350	321 499,698	16,683	16,220
8							58	41	89 680	18 592,932	302 228,348	16,255	15,792
9							59	42	88 813	17 920,399	283 635,416	15,828	15,365
10							60	43	87 877	17 257,054	265 715,017	15,397	14,935
11							61	44	86 854	16 599,565	248 457,962	14,968	14,505
12							62	45	85 780	15 955,611	231 858,397	14,531	14,069
13							63	46	84 611	15 316,921	215 902,786	14,096	13,633
14							64	47	83 370	14 688,381	200 585,865	13,656	13,193
15							65	48	82 029	14 065,348	185 897,483	13,217	12,754
16							66	49	80 601	13 450,574	171 832,135	12,775	12,312
17	0	99 357	62 647,837	1 841 023,798	29,387	28,924	67	50	79 092	12 845,429	158 381,561	12,330	11,867
18	1	99 005	60 755,295	1 778 375,961	29,271	28,808	68	51	77 484	12 247,574	145 536,132	11,883	11,420
19	2	98 922	59 079,578	1 717 620,666	29,073	28,610	69	52	75 772	11 656,422	133 288,558	11,435	10,972
20	3	98 852	57 457,754	1 658 541,087	28,865	28,403	70	53	73 929	11 068,461	121 632,136	10,989	10,526
21	4	98 779	55 878,535	1 601 083,334	28,653	28,190	71	54	71 966	10 486,153	110 563,675	10,544	10,081
22	5	98 711	54 345,821	1 545 204,798	28,433	27,970	72	55	69 883	9 910,179	100 077,522	10,098	9,636
23	6	98 647	52 856,769	1 490 858,978	28,206	27,743	73	56	67 606	9 330,672	90 167,342	9,664	9,201
24	7	98 584	51 409,656	1 438 002,209	27,971	27,509	74	57	65 191	8 756,489	80 836,670	9,232	8,769
25	8	98 519	50 000,726	1 386 592,553	27,731	27,269	75	58	62 578	8 180,628	72 080,182	8,811	8,348
26	9	98 455	48 630,646	1 336 591,827	27,485	27,022	76	59	59 819	7 610,588	63 899,554	8,396	7,933
27	10	98 389	47 297,188	1 287 961,181	27,231	26,768	77	60	56 904	7 045,964	56 288,966	7,989	7,526
28	11	98 318	45 998,486	1 240 663,993	26,972	26,509	78	61	53 780	6 480,956	49 243,002	7,598	7,135
29	12	98 250	44 736,088	1 194 665,507	26,705	26,242	79	62	50 499	5 922,715	42 762,046	7,220	6,757
30	13	98 179	43 507,426	1 149 929,419	26,431	25,968	80	63	47 142	5 381,006	36 839,332	6,846	6,383
31	14	98 104	42 310,702	1 106 421,993	26,150	25,687	81	64	43 648	4 848,824	31 458,325	6,488	6,025
32	15	98 019	41 142,683	1 064 111,291	25,864	25,401	82	65	40 090	4 334,344	26 609,501	6,139	5,676
33	16	97 933	40 006,223	1 022 968,608	25,570	25,107	83	66	36 504	3 841,025	22 275,157	5,799	5,336
34	17	97 846	38 900,965	982 962,385	25,268	24,806	84	67	32 935	3 372,725	18 434,132	5,466	5,003
35	18	97 750	37 822,590	944 061,420	24,960	24,497	85	68	29 365	2 926,654	15 061,407	5,146	4,683
36	19	97 644	36 770,413	906 238,830	24,646	24,183	86	69	25 797	2 502,288	12 134,753	4,849	4,387
37	20	97 534	35 745,957	869 468,417	24,324	23,861	87	70	22 309	2 106,012	9 632,465	4,574	4,111
38	21	97 417	34 747,559	833 722,460	23,994	23,531	88	71	18 915	1 737,826	7 526,453	4,331	3,868
39	22	97 291	33 773,865	798 974,901	23,657	23,194	89	72	15 848	1 417,030	5 788,627	4,085	3,622
40	23	97 154	32 823,812	765 201,036	23,312	22,850	90	73	13 038	1 134,633	4 371,597	3,853	3,390
41	24	97 000	31 894,506	732 377,224	22,962	22,500	91	74	10 636	900,844	3 236,964	3,593	3,130
42	25	96 834	30 987,727	700 482,717	22,605	22,142	92	75	8 405	692,813	2 336,121	3,372	2,909
43	26	96 656	30 103,028	669 494,991	22,240	21,777	93	76	6 433	516,032	1 643,308	3,185	2,722
44	27	96 444	29 233,198	639 391,962	21,872	21,409	94	77	4 801	374,855	1 127,276	3,007	2,544
45	28	96 214	28 382,926	610 158,765	21,497	21,035	95	78	3 483	264,660	752,422	2,843	2,380
46	29	95 957	27 549,542	581 775,838	21,117	20,655	96	79	2 451	181,237	487,762	2,691	2,228
47	30	95 667	26 730,937	554 226,296	20,734	20,271	97	80	1 670	120,214	306,525	2,550	2,087
48	31	95 344	25 927,919	527 495,359	20,345	19,882	98	81	1 099	77,006	186,311	2,419	1,957
49	32	94 977	25 136,675	501 567,440	19,954	19,491	99	82	698	47,558	109,305	2,298	1,836
							100	83	426	28,240	61,747	2,187	1,724

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	24 368,622	477 472,881	19,594	19,131
1							51	33	94 170	23 606,927	453 104,260	19,194	18,731
2							52	34	93 684	22 856,535	429 497,333	18,791	18,328
3							53	35	93 153	22 118,825	406 640,798	18,384	17,922
4							54	36	92 580	21 394,208	384 521,973	17,973	17,510
5							55	37	91 943	20 678,539	363 127,765	17,561	17,098
6							56	38	91 261	19 975,739	342 449,226	17,143	16,680
7							57	39	90 528	19 284,912	322 473,487	16,722	16,259
8							58	40	89 744	18 606,194	303 188,574	16,295	15,832
9							59	41	88 887	17 935,303	284 582,380	15,867	15,404
10							60	42	87 960	17 273,394	266 647,077	15,437	14,974
11							61	43	86 945	16 617,105	249 373,683	15,007	14,544
12							62	44	85 877	15 973,674	232 756,578	14,571	14,108
13							63	45	84 726	15 337,667	216 782,903	14,134	13,671
14							64	46	83 500	14 711,197	201 445,236	13,693	13,231
15							65	47	82 172	14 089,800	186 734,040	13,253	12,790
16							66	48	80 751	13 475,544	172 644,240	12,812	12,349
17							67	49	79 258	12 872,359	159 168,696	12,365	11,902
18	0	99 323	60 950,313	1 779 814,909	29,201	28,738	68	50	77 666	12 276,257	146 296,337	11,917	11,454
19	1	98 950	59 096,381	1 718 864,596	29,086	28,623	69	51	75 962	11 685,529	134 020,080	11,469	11,006
20	2	98 868	57 467,018	1 659 768,215	28,882	28,419	70	52	74 135	11 099,215	122 334,551	11,022	10,559
21	3	98 793	55 886,549	1 602 301,197	28,671	28,208	71	53	72 185	10 518,120	111 235,336	10,576	10,113
22	4	98 723	54 352,335	1 546 414,648	28,452	27,989	72	54	70 107	9 941,856	100 717,217	10,131	9,668
23	5	98 656	52 861,550	1 492 062,313	28,226	27,763	73	55	67 850	9 364,361	90 775,361	9,694	9,231
24	6	98 592	51 413,779	1 439 200,763	27,993	27,530	74	56	65 439	8 789,828	81 411,000	9,262	8,799
25	7	98 528	50 004,904	1 387 786,984	27,753	27,290	75	57	62 838	8 214,523	72 621,173	8,841	8,378
26	8	98 461	48 633,667	1 337 782,081	27,507	27,045	76	58	60 093	7 645,449	64 406,650	8,424	7,961
27	9	98 395	47 300,191	1 289 148,414	27,255	26,792	77	59	57 177	7 079,793	56 761,201	8,017	7,555
28	10	98 326	46 002,192	1 241 848,223	26,995	26,533	78	60	54 076	6 516,588	49 681,408	7,624	7,161
29	11	98 257	44 739,641	1 195 846,031	26,729	26,266	79	61	50 788	5 956,581	43 164,820	7,247	6,784
30	12	98 186	43 510,761	1 151 106,390	26,456	25,993	80	62	47 440	5 414,984	37 208,239	6,871	6,409
31	13	98 114	42 314,865	1 107 595,629	26,175	25,712	81	63	43 941	4 881,376	31 793,255	6,513	6,050
32	14	98 031	41 147,777	1 065 280,765	25,889	25,426	82	64	40 380	4 365,760	26 911,879	6,164	5,701
33	15	97 946	40 011,647	1 024 132,988	25,596	25,133	83	65	36 789	3 870,996	22 546,119	5,824	5,362
34	16	97 862	38 907,220	984 121,341	25,294	24,831	84	66	33 208	3 400,678	18 675,124	5,492	5,029
35	17	97 767	37 829,231	945 214,121	24,986	24,524	85	67	29 632	2 953,292	15 274,446	5,172	4,709
36	18	97 665	36 778,447	907 384,890	24,672	24,209	86	68	26 053	2 527,040	12 321,154	4,876	4,413
37	19	97 555	35 753,646	870 606,443	24,350	23,887	87	69	22 556	2 129,366	9 794,114	4,600	4,137
38	20	97 437	34 754,892	834 852,797	24,021	23,558	88	70	19 144	1 758,841	7 664,748	4,358	3,895
39	21	97 312	33 781,167	800 097,905	23,685	23,222	89	71	16 062	1 436,193	5 905,907	4,112	3,649
40	22	97 177	32 831,357	766 316,739	23,341	22,878	90	72	13 243	1 152,467	4 469,713	3,878	3,416
41	23	97 022	31 901,762	733 485,382	22,992	22,529	91	73	10 824	916,735	3 317,246	3,619	3,156
42	24	96 856	30 994,774	701 583,620	22,636	22,173	92	74	8 571	706,464	2 400,510	3,398	2,935
43	25	96 678	30 109,738	670 588,846	22,271	21,809	93	75	6 579	527,791	1 694,046	3,210	2,747
44	26	96 470	29 241,010	640 479,108	21,903	21,441	94	76	4 926	384,603	1 166,255	3,032	2,570
45	27	96 239	28 390,255	611 238,098	21,530	21,067	95	77	3 587	272,551	781,651	2,868	2,405
46	28	95 982	27 556,699	582 847,844	21,151	20,688	96	78	2 535	187,472	509,100	2,716	2,253
47	29	95 693	26 738,353	555 291,144	20,768	20,305	97	79	1 735	124,904	321,628	2,575	2,112
48	30	95 371	25 935,037	528 552,791	20,380	19,917	98	80	1 149	80,498	196,724	2,444	1,981
49	31	95 008	25 144,873	502 617,754	19,989	19,526	99	81	734	50,034	116,226	2,323	1,860
							100	82	451	29,943	66,192	2,211	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	24 376,569	478 426,976	19,627	19,164
1							51	32	94 203	23 615,106	454 050,407	19,227	18,764
2							52	33	93 718	22 864,807	430 435,302	18,825	18,362
3							53	34	93 191	22 127,805	407 570,495	18,419	17,956
4							54	35	92 619	21 403,330	385 442,690	18,009	17,546
5							55	36	91 986	20 688,186	364 039,360	17,596	17,134
6							56	37	91 309	19 986,266	343 351,174	17,179	16,717
7							57	38	90 581	19 296,289	323 364,908	16,758	16,295
8							58	39	89 807	18 619,289	304 068,619	16,331	15,868
9							59	40	88 950	17 948,096	285 449,331	15,904	15,441
10							60	41	88 034	17 287,760	267 501,234	15,473	15,011
11							61	42	87 028	16 632,839	250 213,475	15,043	14,581
12							62	43	85 968	15 990,553	233 580,635	14,607	14,145
13							63	44	84 822	15 355,030	217 590,082	14,171	13,708
14							64	45	83 613	14 731,122	202 235,052	13,728	13,266
15							65	46	82 300	14 111,686	187 503,930	13,287	12,824
16							66	47	80 891	13 498,970	173 392,244	12,845	12,382
17							67	48	79 405	12 896,255	159 893,274	12,398	11,936
18							68	49	77 829	12 301,994	146 997,019	11,949	11,486
19	0	99 268	59 286,074	1 720 196,584	29,015	28,552	69	50	76 140	11 712,895	134 695,025	11,500	11,037
20	1	98 896	57 483,363	1 660 910,510	28,894	28,431	70	51	74 320	11 126,930	122 982,130	11,053	10,590
21	2	98 809	55 895,560	1 603 427,147	28,686	28,223	71	52	72 386	10 547,345	111 855,200	10,605	10,142
22	3	98 737	54 360,129	1 547 531,587	28,468	28,005	72	53	70 320	9 972,163	101 307,855	10,159	9,696
23	4	98 667	52 867,887	1 493 171,458	28,243	27,781	73	54	68 067	9 394,292	91 335,692	9,722	9,260
24	5	98 601	51 418,430	1 440 303,571	28,011	27,549	74	55	65 675	8 821,563	81 941,400	9,289	8,826
25	6	98 536	50 008,913	1 388 885,142	27,773	27,310	75	56	63 077	8 245,799	73 119,837	8,868	8,405
26	7	98 469	48 637,730	1 338 876,228	27,528	27,065	76	57	60 342	7 677,126	64 874,038	8,450	7,987
27	8	98 401	47 303,129	1 290 238,499	27,276	26,813	77	58	57 439	7 112,223	57 196,912	8,042	7,579
28	9	98 333	46 005,113	1 242 935,370	27,017	26,555	78	59	54 335	6 547,876	50 084,689	7,649	7,186
29	10	98 265	44 743,246	1 196 930,257	26,751	26,288	79	60	51 067	5 989,330	43 536,813	7,269	6,806
30	11	98 194	43 514,217	1 152 187,011	26,478	26,016	80	61	47 711	5 445,947	37 547,484	6,895	6,432
31	12	98 121	42 318,109	1 108 672,795	26,199	25,736	81	62	44 219	4 912,199	32 101,537	6,535	6,072
32	13	98 041	41 151,825	1 066 354,686	25,913	25,450	82	63	40 651	4 395,069	27 189,337	6,186	5,724
33	14	97 958	40 016,601	1 025 202,861	25,619	25,157	83	64	37 055	3 899,052	22 794,269	5,846	5,383
34	15	97 875	38 912,495	985 186,260	25,318	24,855	84	65	33 467	3 427,213	18 895,216	5,513	5,050
35	16	97 783	37 835,313	946 273,765	25,010	24,548	85	66	29 878	2 977,769	15 468,004	5,194	4,732
36	17	97 682	36 784,904	908 438,452	24,696	24,233	86	67	26 290	2 550,041	12 490,235	4,898	4,435
37	18	97 576	35 761,457	871 653,548	24,374	23,911	87	68	22 780	2 150,430	9 940,194	4,622	4,160
38	19	97 458	34 762,368	835 892,091	24,046	23,583	88	69	19 356	1 778,345	7 789,765	4,380	3,918
39	20	97 332	33 788,296	801 129,723	23,710	23,247	89	70	16 256	1 453,561	6 011,419	4,136	3,673
40	21	97 198	32 838,455	767 341,427	23,367	22,904	90	71	13 422	1 168,053	4 557,858	3,902	3,439
41	22	97 044	31 909,095	734 502,972	23,019	22,556	91	72	10 994	931,145	3 389,806	3,640	3,178
42	23	96 878	31 001,825	702 593,878	22,663	22,200	92	73	8 722	718,927	2 458,661	3,420	2,957
43	24	96 700	30 116,585	671 592,052	22,300	21,837	93	74	6 709	538,191	1 739,733	3,233	2,770
44	25	96 492	29 247,527	641 475,467	21,933	21,470	94	75	5 038	393,368	1 201,542	3,054	2,592
45	26	96 265	28 397,842	612 227,940	21,559	21,096	95	76	3 680	279,639	808,174	2,890	2,427
46	27	96 007	27 563,814	583 830,099	21,181	20,718	96	77	2 611	193,062	528,535	2,738	2,275
47	28	95 718	26 745,300	556 266,284	20,799	20,336	97	78	1 795	129,201	335,472	2,597	2,134
48	29	95 397	25 942,232	529 520,984	20,412	19,949	98	79	1 194	83,638	206,271	2,466	2,003
49	30	95 034	25 151,775	503 578,752	20,022	19,559	99	80	767	52,303	122,633	2,345	1,882
							100	81	475	31,502	70,330	2,233	1,770

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	24 383,261	479 299,879	19,657	19,194
1							51	31	94 233	23 622,807	454 916,618	19,258	18,795
2							52	32	93 750	22 872,729	431 293,811	18,856	18,393
3							53	33	93 225	22 135,813	408 421,082	18,451	17,988
4							54	34	92 657	21 412,019	386 285,269	18,041	17,578
5							55	35	92 026	20 697,007	364 873,250	17,629	17,166
6							56	36	91 352	19 995,590	344 176,244	17,213	16,750
7							57	37	90 629	19 306,458	324 180,653	16,791	16,328
8							58	38	89 860	18 630,273	304 874,196	16,364	15,902
9							59	39	89 013	17 960,727	286 243,923	15,937	15,474
10							60	40	88 096	17 300,091	268 283,196	15,508	15,045
11							61	41	87 100	16 646,672	250 983,105	15,077	14,614
12							62	42	86 049	16 005,694	234 336,433	14,641	14,178
13							63	43	84 911	15 371,256	218 330,739	14,204	13,741
14							64	44	83 707	14 747,799	202 959,483	13,762	13,299
15							65	45	82 411	14 130,799	188 211,685	13,319	12,856
16							66	46	81 017	13 519,938	174 080,886	12,876	12,413
17							67	47	79 543	12 918,675	160 560,948	12,429	11,966
18							68	48	77 973	12 324,831	147 642,273	11,979	11,516
19							69	49	76 299	11 737,451	135 317,442	11,529	11,066
20	0	99 213	57 667,878	1 662 144,148	28,823	28,360	70	50	74 494	11 152,988	123 579,991	11,080	10,618
21	1	98 837	55 911,457	1 604 476,270	28,697	28,234	71	51	72 567	10 573,681	112 427,003	10,633	10,170
22	2	98 753	54 368,895	1 548 564,813	28,483	28,020	72	52	70 516	9 999,871	101 853,321	10,185	9,723
23	3	98 682	52 875,468	1 494 195,918	28,259	27,796	73	53	68 275	9 422,930	91 853,450	9,748	9,285
24	4	98 613	51 424,593	1 441 320,450	28,028	27,565	74	54	65 885	8 849,760	82 430,520	9,314	8,852
25	5	98 545	50 013,437	1 389 895,857	27,790	27,328	75	55	63 305	8 275,570	73 580,760	8,891	8,428
26	6	98 477	48 641,630	1 339 882,420	27,546	27,083	76	56	60 571	7 706,356	65 305,190	8,474	8,011
27	7	98 409	47 307,081	1 291 240,790	27,295	26,832	77	57	57 677	7 141,691	57 598,834	8,065	7,602
28	8	98 339	46 007,970	1 243 933,709	27,037	26,575	78	58	54 584	6 577,869	50 457,143	7,671	7,208
29	9	98 272	44 746,086	1 197 925,739	26,772	26,309	79	59	51 312	6 018,086	43 879,274	7,291	6,828
30	10	98 202	43 517,723	1 153 179,653	26,499	26,036	80	60	47 973	5 475,889	37 861,188	6,914	6,451
31	11	98 129	42 321,470	1 109 661,930	26,220	25,757	81	61	44 471	4 940,287	32 385,299	6,555	6,093
32	12	98 049	41 154,979	1 067 340,460	25,935	25,472	82	62	40 908	4 422,821	27 445,012	6,205	5,742
33	13	97 968	40 020,538	1 026 185,481	25,641	25,179	83	63	37 304	3 925,228	23 022,191	5,865	5,402
34	14	97 887	38 917,313	986 164,943	25,340	24,877	84	64	33 709	3 452,053	19 096,963	5,532	5,069
35	15	97 796	37 840,443	947 247,630	25,033	24,570	85	65	30 111	3 001,004	15 644,910	5,213	4,750
36	16	97 698	36 790,819	909 407,187	24,718	24,255	86	66	26 508	2 571,175	12 643,906	4,918	4,455
37	17	97 593	35 767,736	872 616,368	24,397	23,934	87	67	22 987	2 170,002	10 072,731	4,642	4,179
38	18	97 480	34 769,963	836 848,632	24,068	23,605	88	68	19 548	1 795,937	7 902,729	4,400	3,938
39	19	97 353	33 795,563	802 078,669	23,733	23,270	89	69	16 436	1 469,680	6 106,792	4,155	3,692
40	20	97 218	32 845,385	768 283,106	23,391	22,928	90	70	13 585	1 182,178	4 637,112	3,923	3,460
41	21	97 065	31 915,993	735 437,721	23,043	22,580	91	71	11 143	943,737	3 454,935	3,661	3,198
42	22	96 900	31 008,951	703 521,728	22,688	22,225	92	72	8 859	730,228	2 511,197	3,439	2,976
43	23	96 722	30 123,437	672 512,777	22,325	21,862	93	73	6 827	547,686	1 780,970	3,252	2,789
44	24	96 514	29 254,178	642 389,340	21,959	21,496	94	74	5 138	401,119	1 233,284	3,075	2,612
45	25	96 286	28 404,171	613 135,162	21,586	21,123	95	75	3 764	286,012	832,165	2,910	2,447
46	26	96 033	27 571,180	584 730,991	21,208	20,745	96	76	2 679	198,083	546,153	2,757	2,294
47	27	95 743	26 752,206	557 159,811	20,827	20,364	97	77	1 849	133,054	348,069	2,616	2,153
48	28	95 422	25 948,972	530 407,605	20,440	19,978	98	78	1 235	86,516	215,015	2,485	2,022
49	29	95 060	25 158,753	504 458,633	20,051	19,588	99	79	797	54,343	128,500	2,365	1,902
							100	80	496	32,930	74,157	2,252	1,789

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 2,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	24 390,026	480 099,033	19,684	19,221
1							51	30	94 259	23 629,292	455 709,007	19,286	18,823
2							52	31	93 781	22 880,188	432 079,715	18,884	18,422
3							53	32	93 257	22 143,483	409 199,527	18,479	18,017
4							54	33	92 690	21 419,769	387 056,044	18,070	17,607
5							55	34	92 063	20 705,409	365 636,276	17,659	17,196
6							56	35	91 391	20 004,115	344 930,866	17,243	16,780
7							57	36	90 671	19 315,465	324 926,751	16,822	16,359
8							58	37	89 907	18 640,090	305 611,287	16,395	15,933
9							59	38	89 065	17 971,323	286 971,196	15,968	15,505
10							60	39	88 158	17 312,266	268 999,874	15,538	15,075
11							61	40	87 162	16 658,546	251 687,608	15,109	14,646
12							62	41	86 121	16 019,005	235 029,061	14,672	14,209
13							63	42	84 992	15 385,810	219 010,056	14,235	13,772
14							64	43	83 796	14 763,382	203 624,246	13,793	13,330
15							65	44	82 504	14 146,796	188 860,864	13,350	12,887
16							66	45	81 127	13 538,250	174 714,068	12,905	12,442
17							67	46	79 666	12 938,741	161 175,818	12,457	11,994
18							68	47	78 109	12 346,257	148 237,077	12,007	11,544
19							69	48	76 441	11 759,240	135 890,820	11,556	11,093
20							70	49	74 650	11 176,370	124 131,579	11,107	10,644
21	0	99 154	56 090,927	1 605 619,393	28,625	28,162	71	50	72 736	10 598,444	112 955,209	10,658	10,195
22	1	98 781	54 384,358	1 549 528,466	28,492	28,029	72	51	70 692	10 024,841	102 356,765	10,210	9,747
23	2	98 698	52 883,994	1 495 144,108	28,272	27,809	73	52	68 464	9 449,112	92 331,924	9,771	9,309
24	3	98 627	51 431,968	1 442 260,114	28,042	27,579	74	53	66 086	8 876,738	82 882,812	9,337	8,874
25	4	98 556	50 019,432	1 390 828,147	27,806	27,343	75	54	63 507	8 302,022	74 006,074	8,914	8,451
26	5	98 486	48 646,030	1 340 808,715	27,563	27,100	76	55	60 790	7 734,180	65 704,052	8,495	8,032
27	6	98 417	47 310,874	1 292 162,684	27,312	26,849	77	56	57 897	7 168,882	57 969,872	8,086	7,623
28	7	98 347	46 011,814	1 244 851,810	27,055	26,592	78	57	54 810	6 605,123	50 800,990	7,691	7,228
29	8	98 278	44 748,866	1 198 839,996	26,790	26,328	79	58	51 548	6 045,652	44 195,867	7,310	6,848
30	9	98 208	43 520,485	1 154 091,130	26,518	26,056	80	59	48 204	5 502,180	38 150,215	6,934	6,471
31	10	98 137	42 324,880	1 110 570,645	26,239	25,776	81	60	44 716	4 967,448	32 648,035	6,572	6,110
32	11	98 056	41 158,248	1 068 245,765	25,955	25,492	82	61	41 142	4 448,111	27 680,587	6,223	5,760
33	12	97 975	40 023,606	1 027 087,517	25,662	25,199	83	62	37 540	3 950,014	23 232,476	5,882	5,419
34	13	97 897	38 921,142	987 063,911	25,361	24,898	84	63	33 936	3 475,228	19 282,462	5,549	5,086
35	14	97 808	37 845,128	948 142,769	25,053	24,590	85	64	30 329	3 022,755	15 807,234	5,229	4,767
36	15	97 711	36 795,807	910 297,642	24,739	24,276	86	65	26 714	2 591,238	12 784,479	4,934	4,471
37	16	97 609	35 773,487	873 501,835	24,418	23,955	87	66	23 177	2 187,987	10 193,242	4,659	4,196
38	17	97 497	34 776,068	837 728,348	24,089	23,626	88	67	19 725	1 812,283	8 005,255	4,417	3,954
39	18	97 375	33 802,947	802 952,280	23,754	23,291	89	68	16 599	1 484,218	6 192,972	4,173	3,710
40	19	97 239	32 852,450	769 149,333	23,412	22,949	90	69	13 735	1 195,287	4 708,754	3,939	3,477
41	20	97 086	31 922,729	736 296,883	23,065	22,602	91	70	11 278	955,150	3 513,467	3,678	3,216
42	21	96 921	31 015,655	704 374,154	22,710	22,247	92	71	8 979	740,103	2 558,317	3,457	2,994
43	22	96 744	30 130,361	673 358,500	22,348	21,885	93	72	6 934	556,295	1 818,214	3,268	2,806
44	23	96 536	29 260,834	643 228,139	21,983	21,520	94	73	5 228	408,196	1 261,920	3,091	2,629
45	24	96 308	28 410,630	613 967,305	21,610	21,148	95	74	3 838	291,648	853,724	2,927	2,464
46	25	96 054	27 577,326	585 556,675	21,233	20,770	96	75	2 740	202,597	562,076	2,774	2,312
47	26	95 768	26 759,355	557 979,349	20,852	20,389	97	76	1 897	136,514	359,479	2,633	2,170
48	27	95 447	25 955,672	531 219,995	20,466	20,004	98	77	1 272	89,095	222,965	2,503	2,040
49	28	95 085	25 165,290	505 264,322	20,078	19,615	99	78	825	56,213	133,870	2,381	1,919
							100	79	516	34,215	77,657	2,270	1,807

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	24 396,362	480 830,698	19,709	19,246
1							51	29	94 285	23 635,848	456 434,335	19,311	18,848
2							52	30	93 807	22 886,469	432 798,488	18,911	18,448
3							53	31	93 288	22 150,704	409 912,018	18,506	18,043
4							54	32	92 722	21 427,190	387 761,314	18,097	17,634
5							55	33	92 096	20 712,903	366 334,124	17,686	17,223
6							56	34	91 428	20 012,236	345 621,221	17,270	16,808
7							57	35	90 710	19 323,700	325 608,985	16,850	16,387
8							58	36	89 949	18 648,786	306 285,285	16,424	15,961
9							59	37	89 112	17 980,793	287 636,499	15,997	15,534
10							60	38	88 210	17 322,479	269 655,706	15,567	15,104
11							61	39	87 224	16 670,270	252 333,227	15,137	14,674
12							62	40	86 182	16 030,432	235 662,957	14,701	14,238
13							63	41	85 062	15 398,606	219 632,525	14,263	13,800
14							64	42	83 875	14 777,361	204 233,920	13,821	13,358
15							65	43	82 592	14 161,745	189 456,559	13,378	12,915
16							66	44	81 218	13 553,576	175 294,814	12,933	12,471
17							67	45	79 774	12 956,266	161 741,238	12,484	12,021
18							68	46	78 230	12 365,435	148 784,972	12,032	11,570
19							69	47	76 574	11 779,683	136 419,537	11,581	11,118
20							70	48	74 788	11 197,118	124 639,855	11,131	10,669
21							71	49	72 889	10 620,664	113 442,736	10,681	10,219
22	0	99 098	54 558,925	1 550 588,231	28,420	27,958	72	50	70 857	10 048,318	102 822,073	10,233	9,770
23	1	98 726	52 899,035	1 496 029,306	28,281	27,818	73	51	68 635	9 472,707	92 773,755	9,794	9,331
24	2	98 643	51 440,261	1 443 130,271	28,054	27,592	74	52	66 270	8 901,402	83 301,048	9,358	8,895
25	3	98 570	50 026,605	1 391 690,011	27,819	27,356	75	53	63 701	8 327,330	74 399,646	8,934	8,472
26	4	98 498	48 651,861	1 341 663,405	27,577	27,114	76	54	60 984	7 758,901	66 072,316	8,516	8,053
27	5	98 426	47 315,154	1 293 011,544	27,328	26,865	77	55	58 106	7 194,765	58 313,415	8,105	7,642
28	6	98 355	46 015,504	1 245 696,390	27,071	26,608	78	56	55 019	6 630,271	51 118,649	7,710	7,247
29	7	98 286	44 752,604	1 199 680,886	26,807	26,344	79	57	51 761	6 070,702	44 488,378	7,328	6,866
30	8	98 215	43 523,189	1 154 928,282	26,536	26,073	80	58	48 425	5 527,383	38 417,677	6,950	6,488
31	9	98 143	42 327,567	1 111 405,093	26,257	25,794	81	59	44 931	4 991,299	32 890,294	6,590	6,127
32	10	98 064	41 161,564	1 069 077,526	25,973	25,510	82	60	41 368	4 472,566	27 898,995	6,238	5,775
33	11	97 983	40 026,785	1 027 915,962	25,681	25,218	83	61	37 754	3 972,600	23 426,429	5,897	5,434
34	12	97 904	38 924,125	987 889,177	25,380	24,917	84	62	34 150	3 497,172	19 453,829	5,563	5,100
35	13	97 818	37 848,851	948 965,052	25,072	24,610	85	63	30 533	3 043,048	15 956,657	5,244	4,781
36	14	97 723	36 800,362	911 116,201	24,758	24,296	86	64	26 908	2 610,019	12 913,610	4,948	4,485
37	15	97 622	35 778,337	874 315,838	24,437	23,974	87	65	23 358	2 205,059	10 303,591	4,673	4,210
38	16	97 512	34 781,659	838 537,501	24,109	23,646	88	66	19 889	1 827,303	8 098,531	4,432	3,969
39	17	97 392	33 808,882	803 755,842	23,774	23,311	89	67	16 750	1 497,727	6 271,228	4,187	3,724
40	18	97 260	32 859,627	769 946,960	23,431	22,969	90	68	13 871	1 207,111	4 773,501	3,954	3,492
41	19	97 107	31 929,595	737 087,333	23,085	22,622	91	69	11 403	965,742	3 566,390	3,693	3,230
42	20	96 941	31 022,200	705 157,737	22,731	22,268	92	70	9 087	749,053	2 600,649	3,472	3,009
43	21	96 765	30 136,875	674 135,537	22,369	21,906	93	71	7 028	563,818	1 851,596	3,284	2,821
44	22	96 558	29 267,559	643 998,663	22,004	21,541	94	72	5 310	414,612	1 287,779	3,106	2,643
45	23	96 330	28 417,094	614 731,103	21,632	21,170	95	73	3 906	296,793	873,167	2,942	2,479
46	24	96 076	27 583,597	586 314,009	21,256	20,793	96	74	2 794	206,589	576,374	2,790	2,327
47	25	95 790	26 765,319	558 730,412	20,875	20,412	97	75	1 940	139,625	369,785	2,648	2,186
48	26	95 472	25 962,608	531 965,093	20,490	20,027	98	76	1 305	91,412	230,159	2,518	2,055
49	27	95 109	25 171,787	506 002,485	20,102	19,639	99	77	849	57,889	138,747	2,397	1,934
							100	78	533	35,392	80,858	2,285	1,822

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	24 402,661	481 500,913	19,731	19,269
1							51	28	94 310	23 641,988	457 098,252	19,334	18,871
2							52	29	93 833	22 892,819	433 456,263	18,934	18,471
3							53	30	93 313	22 156,785	410 563,444	18,530	18,067
4							54	31	92 753	21 434,178	388 406,659	18,121	17,658
5							55	32	92 128	20 720,079	366 972,482	17,711	17,248
6							56	33	91 461	20 019,479	346 252,402	17,296	16,833
7							57	34	90 747	19 331,545	326 232,923	16,876	16,413
8							58	35	89 987	18 656,737	306 901,378	16,450	15,987
9							59	36	89 154	17 989,182	288 244,641	16,023	15,560
10							60	37	88 257	17 331,608	270 255,460	15,593	15,130
11							61	38	87 275	16 680,104	252 923,852	15,163	14,700
12							62	39	86 243	16 041,713	236 243,748	14,727	14,264
13							63	40	85 123	15 409,590	220 202,035	14,290	13,827
14							64	41	83 945	14 789,651	204 792,445	13,847	13,384
15							65	42	82 670	14 175,154	190 002,795	13,404	12,941
16							66	43	81 304	13 567,898	175 827,641	12,959	12,496
17							67	44	79 865	12 970,933	162 259,743	12,509	12,047
18							68	45	78 336	12 382,182	149 288,810	12,057	11,594
19							69	46	76 693	11 797,981	136 906,627	11,604	11,141
20							70	47	74 918	11 216,584	125 108,647	11,154	10,691
21							71	48	73 024	10 640,380	113 892,063	10,704	10,241
22							72	49	71 006	10 069,384	103 251,683	10,254	9,791
23	0	99 043	53 068,835	1 497 012,229	28,209	27,746	73	50	68 796	9 494,891	93 182,299	9,814	9,351
24	1	98 671	51 454,891	1 443 943,394	28,062	27,599	74	51	66 435	8 923,629	83 687,408	9,378	8,915
25	2	98 586	50 034,672	1 392 488,503	27,830	27,368	75	52	63 878	8 350,468	74 763,779	8,953	8,490
26	3	98 512	48 658,838	1 342 453,832	27,589	27,126	76	53	61 170	7 782,553	66 413,311	8,534	8,071
27	4	98 438	47 320,826	1 293 794,994	27,341	26,878	77	54	58 291	7 217,762	58 630,758	8,123	7,660
28	5	98 364	46 019,667	1 246 474,168	27,086	26,623	78	55	55 218	6 654,210	51 412,995	7,726	7,264
29	6	98 294	44 756,193	1 200 454,501	26,822	26,359	79	56	51 958	6 093,815	44 758,785	7,345	6,882
30	7	98 223	43 526,825	1 155 698,308	26,551	26,089	80	57	48 625	5 550,285	38 664,971	6,966	6,503
31	8	98 149	42 330,196	1 112 171,483	26,274	25,811	81	58	45 136	5 014,161	33 114,686	6,604	6,141
32	9	98 070	41 164,177	1 069 841,287	25,990	25,527	82	59	41 567	4 494,040	28 100,524	6,253	5,790
33	10	97 991	40 030,010	1 028 677,110	25,698	25,235	83	60	37 962	3 994,441	23 606,484	5,910	5,447
34	11	97 912	38 927,217	988 647,100	25,397	24,935	84	61	34 345	3 517,169	19 612,043	5,576	5,113
35	12	97 825	37 851,753	949 719,883	25,091	24,628	85	62	30 725	3 062,263	16 094,875	5,256	4,793
36	13	97 733	36 803,983	911 868,131	24,776	24,314	86	63	27 089	2 627,541	13 032,612	4,960	4,497
37	14	97 634	35 782,767	875 064,148	24,455	23,992	87	64	23 528	2 221,042	10 405,071	4,685	4,222
38	15	97 526	34 786,375	839 281,381	24,127	23,664	88	65	20 044	1 841,561	8 184,029	4,444	3,981
39	16	97 407	33 814,318	804 495,006	23,792	23,329	89	66	16 889	1 510,140	6 342,468	4,200	3,737
40	17	97 277	32 865,397	770 680,688	23,450	22,987	90	67	13 997	1 218,098	4 832,328	3,967	3,504
41	18	97 128	31 936,572	737 815,292	23,103	22,640	91	68	11 515	975,295	3 614,230	3,706	3,243
42	19	96 962	31 028,873	705 878,720	22,749	22,286	92	69	9 188	757,359	2 638,935	3,484	3,022
43	20	96 785	30 143,235	674 849,847	22,388	21,925	93	70	7 113	570,636	1 881,576	3,297	2,835
44	21	96 579	29 273,887	644 706,612	22,023	21,560	94	71	5 382	420,219	1 310,941	3,120	2,657
45	22	96 352	28 423,626	615 432,726	21,652	21,189	95	72	3 967	301,458	890,722	2,955	2,492
46	23	96 098	27 589,872	587 009,100	21,276	20,813	96	73	2 843	210,234	589,264	2,803	2,340
47	24	95 811	26 771,406	559 419,228	20,896	20,433	97	74	1 978	142,377	379,030	2,662	2,199
48	25	95 493	25 968,395	532 647,822	20,511	20,049	98	75	1 335	93,496	236,654	2,531	2,068
49	26	95 135	25 178,514	506 679,427	20,123	19,661	99	76	871	59,394	143,158	2,410	1,947
							100	77	549	36,447	83,764	2,298	1,835

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	24 409,182	482 115,429	19,751	19,289
1							51	27	94 334	23 648,093	457 706,247	19,355	18,892
2							52	28	93 857	22 898,766	434 058,154	18,956	18,493
3							53	29	93 339	22 162,932	411 159,388	18,552	18,089
4							54	30	92 778	21 440,062	388 996,456	18,143	17,681
5							55	31	92 158	20 726,837	367 556,394	17,733	17,271
6							56	32	91 493	20 026,415	346 829,557	17,319	16,856
7							57	33	90 780	19 338,541	326 803,142	16,899	16,436
8							58	34	90 024	18 664,311	307 464,600	16,473	16,011
9							59	35	89 192	17 996,851	288 800,289	16,047	15,584
10							60	36	88 298	17 339,693	270 803,438	15,618	15,155
11							61	37	87 321	16 688,894	253 463,744	15,188	14,725
12							62	38	86 294	16 051,176	236 774,850	14,751	14,288
13							63	39	85 183	15 420,434	220 723,674	14,314	13,851
14							64	40	84 005	14 800,200	205 303,240	13,872	13,409
15							65	41	82 739	14 186,943	190 503,040	13,428	12,965
16							66	42	81 381	13 580,745	176 316,097	12,983	12,520
17							67	43	79 949	12 984,639	162 735,353	12,533	12,070
18							68	44	78 425	12 396,200	149 750,713	12,080	11,618
19							69	45	76 797	11 813,960	137 354,513	11,626	11,164
20							70	46	75 035	11 234,007	125 540,553	11,175	10,712
21							71	47	73 151	10 658,877	114 306,546	10,724	10,261
22							72	48	71 138	10 088,077	103 647,669	10,274	9,811
23							73	49	68 940	9 514,797	93 559,592	9,833	9,370
24	0	98 988	51 620,055	1 444 855,430	27,990	27,527	74	50	66 591	8 944,528	84 044,796	9,396	8,933
25	1	98 614	50 048,902	1 393 235,375	27,837	27,375	75	51	64 037	8 371,319	75 100,268	8,971	8,508
26	2	98 528	48 666,684	1 343 186,473	27,600	27,137	76	52	61 340	7 804,178	66 728,949	8,550	8,088
27	3	98 452	47 327,612	1 294 519,789	27,352	26,889	77	53	58 469	7 239,765	58 924,771	8,139	7,676
28	4	98 375	46 025,183	1 247 192,177	27,098	26,635	78	54	55 394	6 675,479	51 685,006	7,743	7,280
29	5	98 303	44 760,242	1 201 166,995	26,836	26,373	79	55	52 146	6 115,817	45 009,527	7,360	6,897
30	6	98 231	43 530,315	1 156 406,753	26,566	26,103	80	56	48 810	5 571,417	38 893,710	6,981	6,518
31	7	98 157	42 333,733	1 112 876,438	26,288	25,825	81	57	45 323	5 034,937	33 322,294	6,618	6,155
32	8	98 077	41 166,734	1 070 542,705	26,005	25,542	82	58	41 757	4 514,625	28 287,357	6,266	5,803
33	9	97 997	40 032,551	1 029 375,971	25,713	25,251	83	59	38 144	4 013,619	23 772,732	5,923	5,460
34	10	97 920	38 930,353	989 343,420	25,413	24,950	84	60	34 534	3 536,506	19 759,112	5,587	5,124
35	11	97 833	37 854,759	950 413,066	25,107	24,644	85	61	30 901	3 079,773	16 222,606	5,267	4,805
36	12	97 740	36 806,804	912 558,307	24,793	24,330	86	62	27 260	2 644,132	13 142,833	4,971	4,508
37	13	97 644	35 786,287	875 751,503	24,472	24,009	87	63	23 685	2 235,952	10 498,701	4,695	4,233
38	14	97 538	34 790,682	839 965,216	24,143	23,681	88	64	20 189	1 854,909	8 262,749	4,455	3,992
39	15	97 421	33 818,903	805 174,534	23,808	23,346	89	65	17 021	1 521,923	6 407,840	4,210	3,748
40	16	97 293	32 870,681	771 355,631	23,466	23,004	90	66	14 113	1 228,193	4 885,917	3,978	3,515
41	17	97 145	31 942,179	738 484,950	23,119	22,657	91	67	11 620	984,172	3 657,723	3,717	3,254
42	18	96 983	31 035,652	706 542,772	22,766	22,303	92	68	9 279	764,851	2 673,552	3,496	3,033
43	19	96 806	30 149,718	675 507,120	22,405	21,942	93	69	7 192	576,964	1 908,701	3,308	2,845
44	20	96 599	29 280,064	645 357,401	22,041	21,578	94	70	5 447	425,300	1 331,737	3,131	2,668
45	21	96 373	28 429,771	616 077,337	21,670	21,207	95	71	4 021	305,535	906,437	2,967	2,504
46	22	96 120	27 596,214	587 647,566	21,294	20,832	96	72	2 888	213,539	600,902	2,814	2,351
47	23	95 833	26 777,496	560 051,352	20,915	20,452	97	73	2 013	144,888	387,364	2,674	2,211
48	24	95 515	25 974,301	533 273,856	20,531	20,068	98	74	1 361	95,338	242,476	2,543	2,081
49	25	95 156	25 184,126	507 299,555	20,144	19,681	99	75	891	60,748	147,138	2,422	1,959
							100	76	564	37,395	86,390	2,310	1,847



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 2,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	24 414,623	482 678,194	19,770	19,307
1							51	26	94 359	23 654,412	458 263,571	19,373	18,910
2							52	27	93 881	22 904,679	434 609,159	18,975	18,512
3							53	28	93 363	22 168,690	411 704,480	18,571	18,109
4							54	29	92 804	21 446,010	389 535,790	18,164	17,701
5							55	30	92 183	20 732,527	368 089,780	17,754	17,291
6							56	31	91 522	20 032,946	347 357,253	17,339	16,876
7							57	32	90 811	19 345,241	327 324,307	16,920	16,457
8							58	33	90 057	18 671,067	307 979,066	16,495	16,032
9							59	34	89 228	18 004,158	289 307,999	16,069	15,606
10							60	35	88 336	17 347,086	271 303,841	15,640	15,177
11							61	36	87 362	16 696,680	253 956,755	15,210	14,747
12							62	37	86 339	16 059,635	237 260,076	14,774	14,311
13							63	38	85 233	15 429,531	221 200,441	14,336	13,873
14							64	39	84 064	14 810,616	205 770,910	13,893	13,431
15							65	40	82 798	14 197,062	190 960,294	13,451	12,988
16							66	41	81 449	13 592,039	176 763,232	13,005	12,542
17							67	42	80 025	12 996,934	163 171,192	12,555	12,092
18							68	43	78 508	12 409,299	150 174,258	12,102	11,639
19							69	44	76 884	11 827,334	137 764,959	11,648	11,185
20							70	45	75 136	11 249,222	125 937,625	11,195	10,732
21							71	46	73 265	10 675,434	114 688,403	10,743	10,280
22							72	47	71 261	10 105,614	104 012,969	10,293	9,830
23							73	48	69 068	9 532,460	93 907,355	9,851	9,389
24							74	49	66 730	8 963,280	84 374,895	9,413	8,951
25	0	98 931	50 209,553	1 394 081,970	27,765	27,302	75	50	64 187	8 390,924	75 411,615	8,987	8,524
26	1	98 556	48 680,525	1 343 872,417	27,606	27,143	76	51	61 494	7 823,665	67 020,691	8,566	8,104
27	2	98 468	47 335,243	1 295 191,891	27,362	26,899	77	52	58 631	7 259,881	59 197,026	8,154	7,691
28	3	98 390	46 031,783	1 247 856,648	27,109	26,646	78	53	55 563	6 695,829	51 937,145	7,757	7,294
29	4	98 314	44 765,607	1 201 824,865	26,847	26,384	79	54	52 312	6 135,365	45 241,316	7,374	6,911
30	5	98 239	43 534,253	1 157 059,258	26,578	26,115	80	55	48 987	5 591,532	39 105,952	6,994	6,531
31	6	98 165	42 337,127	1 113 525,005	26,301	25,839	81	56	45 496	5 054,107	33 514,419	6,631	6,168
32	7	98 085	41 170,174	1 071 187,878	26,019	25,556	82	57	41 930	4 533,331	28 460,313	6,278	5,815
33	8	98 003	40 035,038	1 030 017,704	25,728	25,265	83	58	38 319	4 032,004	23 926,982	5,934	5,471
34	9	97 926	38 932,825	989 982,666	25,428	24,965	84	59	34 700	3 553,486	19 894,978	5,599	5,136
35	10	97 841	37 857,809	951 049,842	25,122	24,659	85	60	31 071	3 096,705	16 341,492	5,277	4,814
36	11	97 748	36 809,728	913 192,033	24,808	24,346	86	61	27 416	2 659,251	13 244,787	4,981	4,518
37	12	97 651	35 789,031	876 382,305	24,487	24,025	87	62	23 835	2 250,071	10 585,535	4,705	4,242
38	13	97 547	34 794,105	840 593,274	24,159	23,696	88	63	20 325	1 867,361	8 335,464	4,464	4,001
39	14	97 433	33 823,090	805 799,170	23,824	23,361	89	64	17 144	1 532,954	6 468,103	4,219	3,757
40	15	97 306	32 875,138	771 976,080	23,482	23,019	90	65	14 224	1 237,777	4 935,149	3,987	3,524
41	16	97 160	31 947,315	739 100,943	23,135	22,672	91	66	11 717	992,328	3 697,372	3,726	3,263
42	17	97 001	31 041,101	707 153,628	22,781	22,318	92	67	9 364	771,812	2 705,044	3,505	3,042
43	18	96 827	30 156,306	676 112,527	22,420	21,957	93	68	7 263	582,671	1 933,231	3,318	2,855
44	19	96 620	29 286,363	645 956,221	22,057	21,594	94	69	5 508	430,017	1 350,560	3,141	2,678
45	20	96 393	28 435,770	616 669,859	21,686	21,224	95	70	4 070	309,229	920,544	2,977	2,514
46	21	96 141	27 602,180	588 234,088	21,311	20,848	96	71	2 927	216,426	611,315	2,825	2,362
47	22	95 855	26 783,651	560 631,908	20,932	20,469	97	72	2 045	147,166	394,888	2,683	2,220
48	23	95 537	25 980,210	533 848,257	20,548	20,085	98	73	1 385	97,020	247,723	2,553	2,090
49	24	95 178	25 189,853	507 868,047	20,162	19,699	99	74	909	61,945	150,703	2,433	1,970
							100	75	576	38,247	88,758	2,321	1,858

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 979 680,738	29,797	29,334	50	50	93 003	21 214,668	373 398,341	17,601	17,138
1	1	99 275	96 383,638	2 879 680,738	29,877	29,414	51	51	92 389	20 460,860	352 183,673	17,213	16,749
2	2	99 212	93 516,443	2 783 297,100	29,763	29,299	52	52	91 717	19 720,299	331 722,814	16,821	16,358
3	3	99 177	90 760,553	2 689 780,657	29,636	29,173	53	53	90 982	18 992,451	312 002,515	16,428	15,964
4	4	99 147	88 091,104	2 599 020,104	29,504	29,041	54	54	90 185	18 277,761	293 010,064	16,031	15,568
5	5	99 121	85 502,772	2 510 929,000	29,367	28,903	55	55	89 321	17 575,507	274 732,303	15,632	15,168
6	6	99 101	82 995,286	2 425 426,228	29,224	28,760	56	56	88 386	16 884,922	257 156,797	15,230	14,767
7	7	99 082	80 562,993	2 342 430,942	29,076	28,613	57	57	87 395	16 209,299	240 271,875	14,823	14,360
8	8	99 064	78 202,400	2 261 867,949	28,923	28,460	58	58	86 341	15 547,427	224 062,575	14,412	13,948
9	9	99 049	75 912,645	2 183 665,549	28,766	28,302	59	59	85 187	14 892,898	208 515,148	14,001	13,538
10	10	99 034	73 690,592	2 107 752,904	28,603	28,140	60	60	83 967	14 251,929	193 622,250	13,586	13,122
11	11	99 017	71 532,104	2 034 062,313	28,436	27,972	61	61	82 622	13 615,255	179 370,321	13,174	12,711
12	12	99 000	69 436,377	1 962 530,209	28,264	27,800	62	62	81 229	12 995,778	165 755,067	12,755	12,291
13	13	98 982	67 401,742	1 893 093,832	28,087	27,623	63	63	79 727	12 383,946	152 759,289	12,335	11,872
14	14	98 963	65 426,418	1 825 692,091	27,905	27,441	64	64	78 155	11 786,214	140 375,343	11,910	11,447
15	15	98 935	63 502,456	1 760 265,673	27,720	27,256	65	65	76 477	11 197,303	128 589,129	11,484	11,021
16	16	98 902	61 632,200	1 696 763,216	27,530	27,067	66	66	74 702	10 618,869	117 391,826	11,055	10,592
17	17	98 856	59 809,727	1 635 131,016	27,339	26,876	67	67	72 853	10 054,388	106 772,957	10,620	10,156
18	18	98 805	58 037,680	1 575 321,289	27,143	26,680	68	68	70 895	9 499,104	96 718,569	10,182	9,719
19	19	98 729	56 303,646	1 517 283,609	26,948	26,485	69	69	68 821	8 952,629	87 219,465	9,742	9,279
20	20	98 654	54 622,176	1 460 979,963	26,747	26,284	70	70	66 595	8 410,711	78 266,836	9,306	8,842
21	21	98 574	52 988,376	1 406 357,787	26,541	26,078	71	71	64 247	7 877,853	69 856,125	8,867	8,404
22	22	98 497	51 404,901	1 353 369,410	26,328	25,864	72	72	61 752	7 351,398	61 978,272	8,431	7,968
23	23	98 419	49 868,128	1 301 964,509	26,108	25,645	73	73	59 028	6 822,410	54 626,874	8,007	7,544
24	24	98 342	48 377,987	1 252 096,381	25,882	25,418	74	74	56 145	6 300,212	47 804,464	7,588	7,125
25	25	98 263	46 931,187	1 203 718,394	25,649	25,185	75	75	53 072	5 781,995	41 504,252	7,178	6,715
26	26	98 183	45 527,108	1 156 787,207	25,409	24,946	76	76	49 829	5 270,509	35 722,257	6,778	6,315
27	27	98 097	44 162,279	1 111 260,099	25,163	24,700	77	77	46 421	4 767,046	30 451,748	6,388	5,925
28	28	98 010	42 837,801	1 067 097,820	24,910	24,447	78	78	42 837	4 270,841	25 684,702	6,014	5,551
29	29	97 924	41 553,530	1 024 260,019	24,649	24,186	79	79	39 108	3 785,529	21 413,861	5,657	5,194
30	30	97 833	40 306,095	982 706,489	24,381	23,918	80	80	35 359	3 322,962	17 628,332	5,305	4,842
31	31	97 742	39 095,404	942 400,394	24,105	23,642	81	81	31 529	2 876,679	14 305,370	4,973	4,510
32	32	97 637	37 916,202	903 304,990	23,824	23,360	82	82	27 725	2 455,915	11 428,691	4,654	4,190
33	33	97 531	36 771,625	865 388,788	23,534	23,071	83	83	23 995	2 063,620	8 972,776	4,348	3,885
34	34	97 425	35 661,772	828 617,163	23,235	22,772	84	84	20 410	1 704,211	6 909,155	4,054	3,591
35	35	97 306	34 581,066	792 955,390	22,930	22,467	85	85	17 005	1 378,514	5 204,944	3,776	3,313
36	36	97 181	33 530,497	758 374,324	22,617	22,154	86	86	13 800	1 086,119	3 826,430	3,523	3,060
37	37	97 047	32 509,018	724 843,828	22,297	21,833	87	87	10 900	832,898	2 740,312	3,290	2,827
38	38	96 900	31 514,373	692 334,810	21,969	21,506	88	88	8 281	614,344	1 907,414	3,105	2,642
39	39	96 738	30 545,518	660 820,436	21,634	21,171	89	89	6 150	442,936	1 293,070	2,919	2,456
40	40	96 557	29 600,200	630 274,918	21,293	20,830	90	90	4 421	309,137	850,134	2,750	2,287
41	41	96 357	28 678,420	600 674,719	20,945	20,482	91	91	3 126	212,238	540,997	2,549	2,086
42	42	96 134	27 778,666	571 996,298	20,591	20,128	92	92	2 083	137,290	328,759	2,395	1,931
43	43	95 888	26 900,616	544 217,632	20,231	19,767	93	93	1 322	84,617	191,469	2,263	1,800
44	44	95 602	26 039,363	517 317,016	19,867	19,404	94	94	803	49,897	106,851	2,141	1,678
45	45	95 291	25 198,607	491 277,653	19,496	19,033	95	95	465	28,034	56,954	2,032	1,568
46	46	94 933	24 372,684	466 079,046	19,123	18,660	96	96	256	14,967	28,920	1,932	1,469
47	47	94 524	23 561,024	441 706,362	18,747	18,284	97	97	133	7,574	13,952	1,842	1,379
48	48	94 068	22 764,448	418 145,337	18,368	17,905	98	98	66	3,623	6,378	1,761	1,298
49	49	93 563	21 982,548	395 380,889	17,986	17,523	99	99	30	1,634	2,756	1,687	1,224
							100	100	13	0,693	1,122	1,620	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 974 575,246	29,841	29,378	50	51	92 786	21 165,101	369 391,198	17,453	16,990
1	2	99 247	96 356,233	2 874 895,207	29,836	29,373	51	52	92 159	20 409,896	348 226,097	17,062	16,598
2	3	99 196	93 501,367	2 778 538,974	29,717	29,253	52	53	91 463	19 665,657	327 816,201	16,669	16,206
3	4	99 162	90 747,539	2 685 037,608	29,588	29,125	53	54	90 705	18 934,729	308 150,544	16,274	15,811
4	5	99 135	88 080,546	2 594 290,068	29,454	28,990	54	55	89 897	18 219,525	289 215,815	15,874	15,411
5	6	99 112	85 495,037	2 506 209,522	29,314	28,851	55	56	89 000	17 512,278	270 996,290	15,475	15,011
6	7	99 093	82 988,632	2 420 714,485	29,169	28,706	56	57	88 051	16 820,879	253 484,011	15,070	14,606
7	8	99 074	80 556,263	2 337 725,853	29,020	28,557	57	58	87 034	16 142,415	236 663,132	14,661	14,198
8	9	99 058	78 197,542	2 257 169,591	28,865	28,402	58	59	85 947	15 476,536	220 520,717	14,249	13,785
9	10	99 042	75 907,826	2 178 972,048	28,705	28,242	59	60	84 780	14 821,734	205 044,180	13,834	13,371
10	11	99 026	73 684,655	2 103 064,222	28,541	28,078	60	61	83 508	14 174,001	190 222,446	13,421	12,957
11	12	99 009	71 526,423	2 029 379,567	28,372	27,909	61	62	82 152	13 537,846	176 048,445	13,004	12,541
12	13	98 992	69 431,054	1 957 853,144	28,199	27,735	62	63	80 719	12 914,232	162 510,599	12,584	12,121
13	14	98 972	67 395,111	1 888 422,090	28,020	27,557	63	64	79 195	12 301,362	149 596,367	12,161	11,698
14	15	98 951	65 418,319	1 821 026,979	27,837	27,373	64	65	77 593	11 701,403	137 295,005	11,733	11,270
15	16	98 921	63 493,848	1 755 608,661	27,650	27,187	65	66	75 885	11 110,608	125 593,603	11,304	10,841
16	17	98 886	61 622,292	1 692 114,813	27,459	26,996	66	67	74 088	10 531,584	114 482,994	10,870	10,407
17	18	98 839	59 799,228	1 630 492,521	27,266	26,803	67	68	72 196	9 963,701	103 951,410	10,433	9,970
18	19	98 784	58 025,002	1 570 693,293	27,069	26,606	68	69	70 200	9 406,059	93 987,709	9,992	9,529
19	20	98 708	56 291,538	1 512 668,290	26,872	26,409	69	70	68 066	8 854,440	84 581,650	9,552	9,089
20	21	98 633	54 610,652	1 456 376,752	26,668	26,205	70	71	65 799	8 310,218	75 727,210	9,113	8,649
21	22	98 553	52 976,923	1 401 766,101	26,460	25,997	71	72	63 389	7 772,739	67 416,992	8,674	8,210
22	23	98 474	51 393,089	1 348 789,178	26,245	25,781	72	73	60 796	7 237,634	59 644,253	8,241	7,778
23	24	98 397	49 856,785	1 297 396,089	26,022	25,559	73	74	58 004	6 704,141	52 406,619	7,817	7,354
24	25	98 320	48 366,988	1 247 539,304	25,793	25,330	74	75	55 060	6 178,467	45 702,478	7,397	6,934
25	26	98 242	46 920,729	1 199 172,316	25,557	25,094	75	76	51 890	5 653,165	39 524,012	6,991	6,528
26	27	98 157	45 514,945	1 152 251,587	25,316	24,853	76	77	48 566	5 136,914	33 870,847	6,594	6,130
27	28	98 072	44 150,880	1 106 736,642	25,067	24,604	77	78	45 077	4 629,019	28 733,932	6,207	5,744
28	29	97 984	42 826,675	1 062 585,763	24,811	24,348	78	79	41 412	4 128,801	24 104,913	5,838	5,375
29	30	97 896	41 542,004	1 019 759,088	24,548	24,084	79	80	37 640	3 643,380	19 976,112	5,483	5,020
30	31	97 807	40 295,034	978 217,083	24,276	23,813	80	81	33 826	3 178,835	16 332,732	5,138	4,675
31	32	97 710	39 082,658	937 922,050	23,998	23,535	81	82	29 968	2 734,295	13 153,897	4,811	4,347
32	33	97 604	37 903,070	898 839,392	23,714	23,251	82	83	26 148	2 316,253	10 419,602	4,498	4,035
33	34	97 495	36 758,321	860 936,322	23,422	22,958	83	84	22 436	1 929,570	8 103,349	4,200	3,736
34	35	97 385	35 647,300	824 178,001	23,120	22,657	84	85	18 900	1 578,124	6 173,780	3,912	3,449
35	36	97 265	34 566,329	788 530,701	22,812	22,349	85	86	15 555	1 260,933	4 595,656	3,645	3,181
36	37	97 135	33 514,861	753 964,371	22,496	22,033	86	87	12 466	981,147	3 334,723	3,399	2,936
37	38	96 996	32 491,896	720 449,510	22,173	21,710	87	88	9 650	737,396	2 353,576	3,192	2,729
38	39	96 843	31 495,793	687 957,615	21,843	21,380	88	89	7 242	537,267	1 616,180	3,008	2,545
39	40	96 670	30 524,037	656 461,821	21,506	21,043	89	90	5 290	381,028	1 078,913	2,832	2,368
40	41	96 488	29 579,101	625 937,785	21,161	20,698	90	91	3 766	263,324	697,885	2,650	2,187
41	42	96 277	28 654,589	596 358,684	20,812	20,349	91	92	2 585	175,490	434,561	2,476	2,013
42	43	96 043	27 752,389	567 704,095	20,456	19,993	92	93	1 689	111,344	259,071	2,327	1,864
43	44	95 786	26 872,222	539 951,706	20,093	19,630	93	94	1 049	67,111	147,727	2,201	1,738
44	45	95 494	26 009,917	513 079,485	19,726	19,263	94	95	622	38,651	80,615	2,086	1,622
45	46	95 162	25 164,525	487 069,568	19,355	18,892	95	96	351	21,181	41,964	1,981	1,518
46	47	94 785	24 334,884	461 905,043	18,981	18,518	96	97	188	11,016	20,783	1,887	1,423
47	48	94 360	23 520,136	437 570,159	18,604	18,141	97	98	95	5,423	9,767	1,801	1,338
48	49	93 894	22 722,266	414 050,023	18,222	17,759	98	99	46	2,520	4,343	1,723	1,260
49	50	93 367	21 936,559	391 327,756	17,839	17,376	99	100	21	1,103	1,823	1,653	1,190

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 969 417,919	29,798	29,335	50	52	92 555	21 112,383	365 088,006	17,293	16,829
1	3	99 231	96 340,699	2 869 766,222	29,788	29,324	51	53	91 904	20 353,343	343 975,623	16,900	16,437
2	4	99 181	93 487,960	2 773 425,524	29,666	29,203	52	54	91 185	19 605,889	323 622,279	16,506	16,043
3	5	99 150	90 736,663	2 679 937,564	29,535	29,072	53	55	90 416	18 874,400	304 016,390	16,107	15,644
4	6	99 126	88 072,579	2 589 200,900	29,398	28,935	54	56	89 574	18 153,980	285 141,990	15,707	15,244
5	7	99 104	85 488,182	2 501 128,321	29,257	28,794	55	57	88 662	17 445,856	266 988,010	15,304	14,841
6	8	99 084	82 981,699	2 415 640,139	29,111	28,647	56	58	87 687	16 751,472	249 542,154	14,897	14,434
7	9	99 068	80 551,259	2 332 658,441	28,959	28,495	57	59	86 637	16 068,812	232 790,682	14,487	14,024
8	10	99 052	78 192,578	2 252 107,181	28,802	28,339	58	60	85 537	15 402,584	216 721,871	14,070	13,607
9	11	99 035	75 901,711	2 173 914,603	28,641	28,178	59	61	84 317	14 740,691	201 319,287	13,657	13,194
10	12	99 018	73 678,803	2 098 012,893	28,475	28,012	60	62	83 033	14 093,415	186 578,596	13,239	12,775
11	13	99 002	71 520,940	2 024 334,089	28,304	27,841	61	63	81 637	13 452,899	172 485,181	12,821	12,358
12	14	98 982	69 424,224	1 952 813,150	28,129	27,665	62	64	80 181	12 828,112	159 032,282	12,397	11,934
13	15	98 960	67 386,768	1 883 388,926	27,949	27,486	63	65	78 625	12 212,844	146 204,170	11,971	11,508
14	16	98 938	65 409,450	1 816 002,158	27,764	27,300	64	66	76 992	11 610,805	133 991,327	11,540	11,077
15	17	98 905	63 483,640	1 750 592,707	27,575	27,112	65	67	75 262	11 019,282	122 380,521	11,106	10,643
16	18	98 868	61 611,475	1 687 109,067	27,383	26,920	66	68	73 420	10 436,593	111 361,239	10,670	10,207
17	19	98 817	59 786,166	1 625 497,592	27,189	26,725	67	69	71 489	9 866,105	100 924,646	10,229	9,766
18	20	98 762	58 012,524	1 565 711,426	26,989	26,526	68	70	69 430	9 302,897	91 058,541	9,788	9,325
19	21	98 687	56 279,661	1 507 698,902	26,789	26,326	69	71	67 253	8 748,645	81 755,644	9,345	8,882
20	22	98 612	54 598,848	1 451 419,241	26,583	26,120	70	72	64 921	8 199,334	73 006,999	8,904	8,441
21	23	98 530	52 964,749	1 396 820,394	26,373	25,909	71	73	62 408	7 652,455	64 807,665	8,469	8,006
22	24	98 452	51 381,399	1 343 855,644	26,155	25,691	72	74	59 742	7 112,167	57 155,210	8,036	7,573
23	25	98 374	49 845,450	1 292 474,246	25,930	25,466	73	75	56 883	6 574,590	50 043,043	7,612	7,148
24	26	98 298	48 356,210	1 242 628,795	25,697	25,234	74	76	53 833	6 040,803	43 468,454	7,196	6,733
25	27	98 215	46 908,194	1 194 272,586	25,460	24,997	75	77	50 575	5 509,870	37 427,650	6,793	6,330
26	28	98 132	45 503,196	1 147 364,392	25,215	24,752	76	78	47 160	4 988,179	31 917,780	6,399	5,935
27	29	98 046	44 139,412	1 101 861,196	24,963	24,500	77	79	43 578	4 475,067	26 929,601	6,018	5,554
28	30	97 957	42 814,796	1 057 721,784	24,705	24,241	78	80	39 857	3 973,762	22 454,535	5,651	5,187
29	31	97 870	41 530,604	1 014 906,987	24,438	23,974	79	81	36 007	3 485,355	18 480,773	5,302	4,839
30	32	97 775	40 281,897	973 376,384	24,164	23,701	80	82	32 151	3 021,496	14 995,418	4,963	4,500
31	33	97 676	39 069,122	933 094,487	23,883	23,420	81	83	28 264	2 578,802	11 973,922	4,643	4,180
32	34	97 568	37 889,357	894 025,366	23,596	23,132	82	84	24 449	2 165,791	9 395,120	4,338	3,875
33	35	97 456	36 743,404	856 136,008	23,300	22,837	83	85	20 776	1 786,809	7 229,329	4,046	3,583
34	36	97 344	35 632,109	819 392,605	22,996	22,533	84	86	17 288	1 443,517	5 442,520	3,770	3,307
35	37	97 220	34 550,210	783 760,496	22,685	22,221	85	87	14 051	1 139,066	3 999,003	3,511	3,048
36	38	97 084	33 497,209	749 210,285	22,366	21,903	86	88	11 037	868,647	2 859,938	3,292	2,829
37	39	96 938	32 472,739	715 713,077	22,040	21,577	87	89	8 440	644,881	1 991,291	3,088	2,625
38	40	96 775	31 473,644	683 240,337	21,708	21,245	88	90	6 230	462,174	1 346,409	2,913	2,450
39	41	96 602	30 502,279	651 766,694	21,368	20,905	89	91	4 506	324,561	884,236	2,724	2,261
40	42	96 408	29 554,521	621 264,415	21,021	20,558	90	92	3 114	217,731	559,675	2,570	2,107
41	43	96 185	28 627,484	591 709,893	20,669	20,206	91	93	2 096	142,326	341,944	2,403	1,939
42	44	95 941	27 723,095	563 082,410	20,311	19,848	92	94	1 340	88,309	199,618	2,260	1,797
43	45	95 678	26 841,834	535 359,315	19,945	19,482	93	95	812	51,985	111,309	2,141	1,678
44	46	95 365	25 974,737	508 517,481	19,577	19,114	94	96	470	29,203	59,324	2,031	1,568
45	47	95 014	25 125,497	482 542,745	19,205	18,742	95	97	258	15,590	30,121	1,932	1,469
46	48	94 621	24 292,653	457 417,248	18,829	18,366	96	98	135	7,888	14,532	1,842	1,379
47	49	94 185	23 476,554	433 124,595	18,449	17,986	97	99	66	3,773	6,644	1,761	1,298
48	50	93 698	22 674,730	409 648,041	18,066	17,603	98	100	31	1,701	2,871	1,687	1,224
49	51	93 149	21 885,305	386 973,311	17,682	17,219							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 963 899,879	29,747	29,284	50	53	92 298	21 053,884	360 476,248	17,122	16,658
1	4	99 217	96 326,885	2 864 264,248	29,735	29,272	51	54	91 625	20 291,486	339 422,363	16,727	16,264
2	5	99 169	93 476,756	2 767 937,363	29,611	29,148	52	55	90 894	19 543,422	319 130,877	16,329	15,866
3	6	99 141	90 728,455	2 674 460,607	29,478	29,014	53	56	90 091	18 806,499	299 587,456	15,930	15,467
4	7	99 119	88 065,517	2 583 732,152	29,339	28,876	54	57	89 234	18 085,124	280 780,957	15,526	15,062
5	8	99 096	85 481,040	2 495 666,635	29,196	28,732	55	58	88 297	17 373,870	262 695,833	15,120	14,657
6	9	99 078	82 976,545	2 410 185,594	29,047	28,583	56	59	87 288	16 675,091	245 321,963	14,712	14,249
7	10	99 062	80 546,145	2 327 209,050	28,893	28,430	57	60	86 223	15 992,029	228 646,872	14,298	13,834
8	11	99 044	78 186,279	2 246 662,905	28,735	28,272	58	61	85 069	15 318,365	212 654,843	13,882	13,419
9	12	99 027	75 895,683	2 168 476,626	28,572	28,109	59	62	83 837	14 656,883	197 336,478	13,464	13,001
10	13	99 011	73 673,155	2 092 580,943	28,404	27,940	60	63	82 512	14 004,982	182 679,595	13,044	12,581
11	14	98 992	71 513,904	2 018 907,788	28,231	27,768	61	64	81 093	13 363,186	168 674,613	12,622	12,159
12	15	98 970	69 415,630	1 947 393,884	28,054	27,591	62	65	79 604	12 735,803	155 311,427	12,195	11,732
13	16	98 946	67 377,633	1 877 978,254	27,872	27,409	63	66	78 016	12 118,286	142 575,624	11,765	11,302
14	17	98 922	65 398,935	1 810 600,621	27,685	27,222	64	67	76 359	11 515,367	130 457,338	11,329	10,866
15	18	98 888	63 472,497	1 745 201,686	27,495	27,032	65	68	74 583	10 919,892	118 941,970	10,892	10,429
16	19	98 847	61 598,016	1 681 729,189	27,302	26,838	66	69	72 701	10 334,365	108 022,078	10,453	9,989
17	20	98 796	59 773,309	1 620 131,173	27,105	26,641	67	70	70 705	9 757,897	97 687,713	10,011	9,548
18	21	98 742	58 000,284	1 560 357,864	26,903	26,439	68	71	68 601	9 191,744	87 929,816	9,566	9,103
19	22	98 665	56 267,496	1 502 357,580	26,700	26,237	69	72	66 355	8 631,912	78 738,072	9,122	8,659
20	23	98 589	54 586,301	1 446 090,084	26,492	26,029	70	73	63 916	8 072,449	70 106,160	8,685	8,221
21	24	98 508	52 952,702	1 391 503,783	26,278	25,815	71	74	61 327	7 519,796	62 033,712	8,249	7,786
22	25	98 430	51 369,717	1 338 551,081	26,057	25,594	72	75	58 588	6 974,731	54 513,915	7,816	7,353
23	26	98 352	49 834,343	1 287 181,364	25,829	25,366	73	76	55 616	6 428,100	47 539,185	7,396	6,932
24	27	98 272	48 343,291	1 237 347,021	25,595	25,132	74	77	52 469	5 887,683	41 111,084	6,983	6,519
25	28	98 190	46 896,085	1 189 003,730	25,354	24,891	75	78	49 110	5 350,336	35 223,402	6,583	6,120
26	29	98 106	45 491,377	1 142 107,645	25,106	24,643	76	79	45 591	4 822,281	29 873,066	6,195	5,732
27	30	98 019	44 127,170	1 096 616,268	24,851	24,388	77	80	41 941	4 307,025	25 050,784	5,816	5,353
28	31	97 930	42 803,046	1 052 489,098	24,589	24,126	78	81	38 128	3 801,407	20 743,759	5,457	4,994
29	32	97 838	41 517,064	1 009 686,052	24,320	23,857	79	82	34 225	3 312,844	16 942,352	5,114	4,651
30	33	97 741	40 267,945	968 168,988	24,043	23,580	80	83	30 323	2 849,670	13 629,507	4,783	4,320
31	34	97 641	39 054,987	927 901,043	23,759	23,296	81	84	26 428	2 411,285	10 779,837	4,471	4,007
32	35	97 529	37 873,981	888 846,056	23,469	23,005	82	85	22 641	2 005,553	8 368,552	4,173	3,709
33	36	97 414	36 727,745	850 972,075	23,170	22,707	83	86	19 004	1 634,402	6 362,999	3,893	3,430
34	37	97 298	35 615,493	814 244,330	22,862	22,399	84	87	15 617	1 304,003	4 728,597	3,626	3,163
35	38	97 168	34 532,013	778 628,837	22,548	22,085	85	88	12 440	1 008,459	3 424,594	3,396	2,933
36	39	97 027	33 477,460	744 096,824	22,227	21,764	86	89	9 652	759,665	2 416,135	3,181	2,717
37	40	96 870	32 449,902	710 619,364	21,899	21,436	87	90	7 260	554,747	1 656,470	2,986	2,523
38	41	96 706	31 451,209	678 169,462	21,563	21,099	88	91	5 307	393,681	1 101,723	2,799	2,335
39	42	96 521	30 476,933	646 718,253	21,220	20,757	89	92	3 726	268,365	708,042	2,638	2,175
40	43	96 317	29 526,564	616 241,320	20,871	20,408	90	93	2 525	176,583	439,677	2,490	2,027
41	44	96 084	28 597,266	586 714,756	20,516	20,053	91	94	1 663	112,881	263,094	2,331	1,867
42	45	95 833	27 691,745	558 117,490	20,155	19,691	92	95	1 038	68,405	150,213	2,196	1,733
43	46	95 549	26 805,529	530 425,745	19,788	19,325	93	96	614	39,277	81,808	2,083	1,620
44	47	95 217	25 934,452	503 620,217	19,419	18,956	94	97	346	21,494	42,530	1,979	1,516
45	48	94 850	25 081,893	477 685,765	19,045	18,582	95	98	185	11,163	21,037	1,885	1,421
46	49	94 446	24 247,640	452 603,871	18,666	18,203	96	99	94	5,488	9,874	1,799	1,336
47	50	93 988	23 427,440	428 356,232	18,284	17,821	97	100	45	2,547	4,386	1,722	1,259
48	51	93 479	22 621,751	404 928,792	17,900	17,437							
49	52	92 917	21 830,793	382 307,041	17,512	17,049							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 957 991,878	29,692	29,229	50	54	92 018	20 989,898	355 546,965	16,939	16,476
1	5	99 205	96 315,340	2 858 370,533	29,677	29,214	51	55	91 333	20 226,834	334 557,067	16,540	16,077
2	6	99 161	93 468,300	2 762 055,193	29,551	29,087	52	56	90 567	19 473,114	314 330,233	16,142	15,679
3	7	99 133	90 721,181	2 668 586,893	29,415	28,952	53	57	89 749	18 735,168	294 857,119	15,738	15,275
4	8	99 110	88 058,160	2 577 865,712	29,275	28,811	54	58	88 866	18 010,499	276 121,952	15,331	14,868
5	9	99 090	85 475,731	2 489 807,552	29,129	28,666	55	59	87 894	17 294,651	258 111,452	14,924	14,461
6	10	99 072	82 971,277	2 404 331,821	28,978	28,515	56	60	86 871	16 595,412	240 816,801	14,511	14,048
7	11	99 054	80 539,657	2 321 360,545	28,823	28,359	57	61	85 752	15 904,587	224 221,390	14,098	13,635
8	12	99 036	78 180,069	2 240 820,888	28,662	28,199	58	62	84 585	15 231,273	208 316,803	13,677	13,214
9	13	99 019	75 889,865	2 162 640,819	28,497	28,034	59	63	83 311	14 564,915	193 085,530	13,257	12,794
10	14	99 001	73 665,908	2 086 750,954	28,327	27,864	60	64	81 962	13 911,588	178 520,616	12,833	12,369
11	15	98 980	71 505,051	2 013 085,046	28,153	27,690	61	65	80 509	13 267,027	164 609,028	12,407	11,944
12	16	98 957	69 406,220	1 941 579,995	27,974	27,511	62	66	78 988	12 637,197	151 342,001	11,976	11,513
13	17	98 930	67 366,801	1 872 173,775	27,791	27,328	63	67	77 375	12 018,677	138 704,804	11,541	11,078
14	18	98 904	65 387,455	1 804 806,974	27,602	27,139	64	68	75 670	11 411,503	126 686,127	11,102	10,638
15	19	98 866	63 458,632	1 739 419,519	27,410	26,947	65	69	73 852	10 812,930	115 274,624	10,661	10,198
16	20	98 825	61 584,769	1 675 960,887	27,214	26,751	66	70	71 904	10 221,022	104 461,694	10,220	9,757
17	21	98 775	59 760,697	1 614 376,117	27,014	26,551	67	71	69 860	9 641,308	94 240,672	9,775	9,311
18	22	98 720	57 987,747	1 554 615,420	26,809	26,346	68	72	67 685	9 069,098	84 599,364	9,328	8,865
19	23	98 643	56 254,567	1 496 627,673	26,605	26,141	69	73	65 328	8 498,332	75 530,266	8,888	8,424
20	24	98 567	54 573,885	1 440 373,107	26,393	25,930	70	74	62 808	7 932,509	67 031,934	8,450	7,987
21	25	98 485	52 940,663	1 385 799,221	26,176	25,713	71	75	60 142	7 374,483	59 099,425	8,014	7,551
22	26	98 408	51 358,270	1 332 858,558	25,952	25,489	72	76	57 282	6 819,326	51 724,942	7,585	7,122
23	27	98 326	49 821,029	1 281 500,289	25,722	25,259	73	77	54 206	6 265,163	44 905,616	7,168	6,704
24	28	98 247	48 330,812	1 231 679,260	25,484	25,021	74	78	50 949	5 717,209	38 640,453	6,759	6,295
25	29	98 164	46 883,905	1 183 348,448	25,240	24,777	75	79	47 477	5 172,394	32 923,244	6,365	5,902
26	30	98 079	45 478,760	1 136 464,543	24,989	24,526	76	80	43 879	4 641,202	27 750,850	5,979	5,516
27	31	97 992	44 115,059	1 090 985,783	24,730	24,267	77	81	40 122	4 120,216	23 109,649	5,609	5,146
28	32	97 898	42 789,091	1 046 870,724	24,466	24,003	78	82	36 241	3 613,254	18 989,433	5,255	4,792
29	33	97 804	41 502,684	1 004 081,632	24,193	23,730	79	83	32 279	3 124,450	15 376,179	4,921	4,458
30	34	97 706	40 253,377	962 578,948	23,913	23,450	80	84	28 353	2 664,558	12 251,729	4,598	4,135
31	35	97 601	39 039,137	922 325,572	23,626	23,162	81	85	24 473	2 232,884	9 587,171	4,294	3,830
32	36	97 487	37 857,841	883 286,434	23,332	22,868	82	86	20 709	1 834,489	7 354,287	4,009	3,546
33	37	97 369	36 710,619	845 428,593	23,030	22,566	83	87	17 167	1 476,440	5 519,798	3,739	3,275
34	38	97 247	35 596,734	808 717,975	22,719	22,256	84	88	13 827	1 154,484	4 043,358	3,502	3,039
35	39	97 111	34 511,654	773 121,240	22,402	21,939	85	89	10 879	881,935	2 888,874	3,276	2,812
36	40	96 959	33 453,916	738 609,587	22,078	21,615	86	90	8 303	653,487	2 006,939	3,071	2,608
37	41	96 801	32 426,772	705 155,670	21,746	21,283	87	91	6 184	472,535	1 353,452	2,864	2,401
38	42	96 625	31 425,074	672 728,898	21,407	20,944	88	92	4 388	325,518	880,916	2,706	2,243
39	43	96 430	30 448,103	641 303,824	21,062	20,599	89	93	3 022	217,648	555,399	2,552	2,089
40	44	96 215	29 495,397	610 855,721	20,710	20,247	90	94	2 003	140,051	337,750	2,412	1,948
41	45	95 975	28 564,928	581 360,323	20,352	19,889	91	95	1 288	87,438	197,699	2,261	1,798
42	46	95 703	27 654,290	552 795,396	19,989	19,526	92	96	784	51,684	110,260	2,133	1,670
43	47	95 401	26 763,955	525 141,106	19,621	19,158	93	97	452	28,909	58,577	2,026	1,563
44	48	95 052	25 889,445	498 377,151	19,250	18,787	94	98	248	15,390	29,668	1,928	1,464
45	49	94 674	25 035,418	472 487,706	18,873	18,410	95	99	129	7,766	14,278	1,838	1,375
46	50	94 248	24 196,912	447 452,288	18,492	18,029	96	100	63	3,705	6,512	1,758	1,294
47	51	93 769	23 372,702	423 255,376	18,109	17,646							
48	52	93 246	22 565,405	399 882,674	17,721	17,258							
49	53	92 659	21 770,304	377 317,269	17,332	16,869							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 951 675,825	29,633	29,169	50	55	91 725	20 923,021	350 291,863	16,742	16,279
1	6	99 196	96 306,628	2 852 066,420	29,614	29,151	51	56	91 004	20 154,067	329 368,842	16,343	15,879
2	7	99 153	93 460,806	2 755 759,792	29,486	29,023	52	57	90 224	19 399,254	309 214,775	15,940	15,476
3	8	99 125	90 713,602	2 662 298,986	29,348	28,885	53	58	89 379	18 657,861	289 815,520	15,533	15,070
4	9	99 104	88 052,691	2 571 585,384	29,205	28,742	54	59	88 461	17 928,378	271 157,659	15,124	14,661
5	10	99 084	85 470,305	2 483 532,694	29,057	28,594	55	60	87 474	17 212,011	253 229,281	14,712	14,249
6	11	99 064	82 964,593	2 398 062,389	28,905	28,441	56	61	86 396	16 504,670	236 017,270	14,300	13,837
7	12	99 046	80 533,260	2 315 097,797	28,747	28,284	57	62	85 264	15 814,162	219 512,600	13,881	13,418
8	13	99 029	78 174,077	2 234 564,537	28,584	28,121	58	63	84 055	15 135,700	203 698,439	13,458	12,995
9	14	99 009	75 882,399	2 156 390,460	28,418	27,954	59	64	82 756	14 467,786	188 562,739	13,033	12,570
10	15	98 989	73 656,789	2 080 508,061	28,246	27,783	60	65	81 372	13 811,483	174 094,952	12,605	12,142
11	16	98 966	71 495,358	2 006 851,272	28,070	27,606	61	66	79 886	13 164,308	160 283,470	12,176	11,712
12	17	98 941	69 395,062	1 935 355,914	27,889	27,426	62	67	78 338	12 533,322	147 119,162	11,738	11,275
13	18	98 913	67 354,976	1 865 960,852	27,703	27,240	63	68	76 677	11 910,273	134 585,840	11,300	10,837
14	19	98 883	65 373,172	1 798 605,877	27,513	27,050	64	69	74 929	11 299,726	122 675,566	10,857	10,393
15	20	98 845	63 444,985	1 733 232,705	27,319	26,855	65	70	73 042	10 694,338	111 375,841	10,414	9,951
16	21	98 805	61 571,776	1 669 787,720	27,119	26,656	66	71	71 045	10 098,899	100 681,503	9,970	9,506
17	22	98 754	59 747,780	1 608 215,944	26,917	26,454	67	72	68 928	9 512,664	90 582,605	9,522	9,059
18	23	98 698	57 974,422	1 548 468,164	26,710	26,246	68	73	66 638	8 928,753	81 069,941	9,080	8,616
19	24	98 620	56 241,771	1 490 493,742	26,502	26,038	69	74	64 196	8 351,010	72 141,188	8,639	8,175
20	25	98 544	54 561,478	1 434 251,971	26,287	25,824	70	75	61 594	7 779,221	63 790,178	8,200	7,737
21	26	98 463	52 928,866	1 379 690,493	26,067	25,604	71	76	58 802	7 210,171	56 010,957	7,768	7,305
22	27	98 381	51 344,549	1 326 761,628	25,840	25,377	72	77	55 830	6 646,472	48 800,786	7,342	6,879
23	28	98 301	49 808,168	1 275 417,079	25,607	25,143	73	78	52 637	6 083,760	42 154,315	6,929	6,466
24	29	98 221	48 318,259	1 225 608,910	25,365	24,902	74	79	49 255	5 527,066	36 070,555	6,526	6,063
25	30	98 137	46 870,901	1 177 290,652	25,118	24,655	75	80	45 694	4 978,167	30 543,490	6,135	5,672
26	31	98 052	45 466,278	1 130 419,751	24,863	24,400	76	81	41 976	4 439,898	25 565,322	5,758	5,295
27	32	97 960	44 100,677	1 084 953,472	24,602	24,139	77	82	38 136	3 916,282	21 125,424	5,394	4,931
28	33	97 864	42 774,272	1 040 852,795	24,334	23,870	78	83	34 180	3 407,776	17 209,142	5,050	4,587
29	34	97 768	41 487,669	998 078,524	24,057	23,594	79	84	30 182	2 921,489	13 801,366	4,724	4,261
30	35	97 666	40 237,041	956 590,855	23,774	23,311	80	85	26 256	2 467,419	10 879,877	4,409	3,946
31	36	97 559	39 022,501	916 353,814	23,483	23,019	81	86	22 385	2 042,429	8 412,459	4,119	3,656
32	37	97 442	37 840,187	877 331,313	23,185	22,722	82	87	18 708	1 657,188	6 370,029	3,844	3,381
33	38	97 318	36 691,283	839 491,126	22,880	22,417	83	88	15 199	1 307,149	4 712,841	3,605	3,142
34	39	97 190	35 575,748	802 799,843	22,566	22,103	84	89	12 092	1 009,640	3 405,693	3,373	2,910
35	40	97 043	34 487,383	767 224,095	22,247	21,783	85	90	9 359	758,668	2 396,052	3,158	2,695
36	41	96 890	33 430,071	732 736,712	21,918	21,455	86	91	7 073	556,643	1 637,384	2,942	2,478
37	42	96 721	32 399,826	699 306,642	21,584	21,120	87	92	5 113	390,719	1 080,741	2,766	2,303
38	43	96 534	31 395,348	666 906,815	21,242	20,779	88	93	3 559	264,000	690,023	2,614	2,150
39	44	96 328	30 415,964	635 511,468	20,894	20,431	89	94	2 397	172,621	426,022	2,468	2,005
40	45	96 106	29 462,043	605 095,504	20,538	20,075	90	95	1 551	108,485	253,402	2,336	1,873
41	46	95 845	28 526,292	575 633,461	20,179	19,716	91	96	973	66,064	144,917	2,194	1,730
42	47	95 555	27 611,400	547 107,169	19,815	19,351	92	97	577	38,040	78,853	2,073	1,610
43	48	95 235	26 717,509	519 495,769	19,444	18,981	93	98	323	20,700	40,813	1,972	1,508
44	49	94 876	25 841,473	492 778,260	19,069	18,606	94	99	172	10,707	20,113	1,878	1,415
45	50	94 476	24 983,042	466 936,787	18,690	18,227	95	100	87	5,243	9,406	1,794	1,331
46	51	94 028	24 140,377	441 953,745	18,308	17,844							
47	52	93 535	23 314,486	417 813,368	17,921	17,458							
48	53	92 988	22 502,880	394 498,883	17,531	17,068							
49	54	92 378	21 704,140	371 996,002	17,139	16,676							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 944 933,827	29,567	29,104	50	56	91 395	20 847,749	344 701,046	16,534	16,071
1	7	99 188	96 298,906	2 845 333,432	29,547	29,084	51	57	90 659	20 077,625	323 853,297	16,130	15,667
2	8	99 144	93 452,998	2 749 034,526	29,416	28,953	52	58	89 851	19 319,208	303 775,672	15,724	15,261
3	9	99 119	90 707,967	2 655 581,528	29,276	28,813	53	59	88 971	18 572,788	284 456,464	15,316	14,853
4	10	99 098	88 047,101	2 564 873,561	29,131	28,667	54	60	88 038	17 842,710	265 883,676	14,902	14,438
5	11	99 076	85 463,419	2 476 826,460	28,981	28,518	55	61	86 996	17 117,898	248 040,966	14,490	14,027
6	12	99 056	82 958,004	2 391 363,041	28,826	28,363	56	62	85 904	16 410,833	230 923,068	14,071	13,608
7	13	99 038	80 527,087	2 308 405,038	28,666	28,203	57	63	84 729	15 714,931	215 512,235	13,650	13,187
8	14	99 019	78 166,386	2 227 877,951	28,502	28,039	58	64	83 494	15 034,765	198 797,304	13,223	12,759
9	15	98 997	75 873,006	2 149 711,564	28,333	27,870	59	65	82 160	14 363,679	183 762,538	12,794	12,330
10	16	98 975	73 646,804	2 073 838,559	28,159	27,696	60	66	80 742	13 704,548	169 398,859	12,361	11,898
11	17	98 950	71 483,864	2 000 191,755	27,981	27,518	61	67	79 229	13 056,101	155 694,311	11,925	11,462
12	18	98 923	69 382,880	1 928 707,891	27,798	27,335	62	68	77 632	12 420,276	142 638,211	11,484	11,021
13	19	98 891	67 340,263	1 859 325,011	27,611	27,148	63	69	75 926	11 793,610	130 217,934	11,041	10,578
14	20	98 862	65 359,113	1 791 984,748	27,418	26,954	64	70	74 107	11 175,794	118 424,324	10,597	10,133
15	21	98 824	63 431,599	1 726 625,635	27,220	26,757	65	71	72 169	10 566,559	107 248,530	10,150	9,687
16	22	98 783	61 558,467	1 663 194,036	27,018	26,555	66	72	70 097	9 964,149	96 681,971	9,703	9,240
17	23	98 731	59 734,050	1 601 635,569	26,813	26,350	67	73	67 861	9 365,454	86 717,822	9,259	8,796
18	24	98 675	57 961,235	1 541 901,519	26,602	26,139	68	74	65 483	8 773,969	77 352,368	8,816	8,353
19	25	98 598	56 228,984	1 483 940,283	26,391	25,928	69	75	62 955	8 189,634	68 578,399	8,374	7,911
20	26	98 522	54 549,319	1 427 711,299	26,173	25,710	70	76	60 222	7 605,891	60 388,764	7,940	7,477
21	27	98 437	52 914,725	1 373 161,980	25,950	25,487	71	77	57 311	7 027,410	52 782,874	7,511	7,048
22	28	98 356	51 331,295	1 320 247,255	25,720	25,257	72	78	54 214	6 454,028	45 755,464	7,089	6,626
23	29	98 275	49 795,232	1 268 915,960	25,483	25,019	73	79	50 886	5 881,425	39 301,436	6,682	6,219
24	30	98 194	48 304,857	1 219 120,728	25,238	24,775	74	80	47 405	5 319,521	33 420,011	6,283	5,819
25	31	98 110	46 858,038	1 170 815,871	24,986	24,523	75	81	43 712	4 762,248	28 100,490	5,901	5,437
26	32	98 020	45 451,455	1 123 957,833	24,729	24,266	76	82	39 898	4 220,142	23 338,241	5,530	5,067
27	33	97 926	44 085,403	1 078 506,378	24,464	24,001	77	83	35 968	3 693,572	19 118,100	5,176	4,713
28	34	97 829	42 758,796	1 034 420,975	24,192	23,729	78	84	31 960	3 186,410	15 424,528	4,841	4,377
29	35	97 729	41 470,832	991 662,179	23,912	23,449	79	85	27 949	2 705,340	12 238,118	4,524	4,060
30	36	97 624	40 219,894	950 191,346	23,625	23,162	80	86	24 016	2 256,959	9 532,778	4,224	3,761
31	37	97 514	39 004,304	909 971,453	23,330	22,867	81	87	20 222	1 845,032	7 275,819	3,943	3,480
32	38	97 390	37 820,257	870 967,149	23,029	22,566	82	88	16 563	1 467,172	5 430,787	3,702	3,238
33	39	97 260	36 669,651	833 146,892	22,720	22,257	83	89	13 292	1 143,151	3 963,615	3,467	3,004
34	40	97 121	35 550,728	796 477,241	22,404	21,941	84	90	10 402	868,524	2 820,464	3,247	2,784
35	41	96 974	34 462,801	760 926,512	22,080	21,616	85	91	7 972	646,236	1 951,940	3,020	2,557
36	42	96 809	33 402,291	726 463,711	21,749	21,286	86	92	5 848	460,263	1 305,704	2,837	2,374
37	43	96 629	32 369,178	693 061,421	21,411	20,948	87	93	4 147	316,879	845,440	2,668	2,205
38	44	96 432	31 362,208	660 692,243	21,067	20,603	88	94	2 822	209,383	528,561	2,524	2,061
39	45	96 219	30 381,568	629 330,034	20,714	20,251	89	95	1 856	133,713	319,178	2,387	1,924
40	46	95 976	29 422,194	598 948,466	20,357	19,894	90	96	1 172	81,966	185,464	2,263	1,799
41	47	95 697	28 482,050	569 526,272	19,996	19,533	91	97	716	48,624	103,498	2,129	1,665
42	48	95 389	27 563,483	541 044,222	19,629	19,166	92	98	413	27,238	54,875	2,015	1,551
43	49	95 059	26 668,002	513 480,739	19,255	18,791	93	99	225	14,401	27,637	1,919	1,456
44	50	94 677	25 787,411	486 812,737	18,878	18,415	94	100	116	7,228	13,235	1,831	1,368
45	51	94 255	24 924,670	461 025,326	18,497	18,034							
46	52	93 794	24 080,248	436 100,656	18,110	17,647							
47	53	93 276	23 249,885	412 020,408	17,721	17,258							
48	54	92 705	22 434,490	388 770,523	17,329	16,866							
49	55	92 083	21 634,987	366 336,033	16,933	16,469							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 937 748,169	29,498	29,034	50	57	91 048	20 768,676	338 771,338	16,312	15,848
1	8	99 180	96 290,861	2 838 155,761	29,475	29,012	51	58	90 285	19 994,779	318 002,662	15,904	15,441
2	9	99 138	93 447,193	2 741 864,900	29,341	28,878	52	59	89 442	19 231,119	298 007,883	15,496	15,033
3	10	99 113	90 702,209	2 648 417,706	29,199	28,736	53	60	88 546	18 484,041	278 776,764	15,082	14,619
4	11	99 090	88 040,008	2 557 715,498	29,052	28,589	54	61	87 557	17 745,148	260 292,723	14,668	14,205
5	12	99 068	85 456,631	2 469 675,490	28,900	28,437	55	62	86 501	17 020,575	242 547,575	14,250	13,787
6	13	99 049	82 951,645	2 384 218,858	28,742	28,279	56	63	85 365	16 307,859	225 527,000	13,829	13,366
7	14	99 028	80 519,165	2 301 267,214	28,580	28,117	57	64	84 164	15 610,134	209 219,141	13,403	12,940
8	15	99 007	78 156,710	2 220 748,049	28,414	27,951	58	65	82 893	14 926,578	193 609,007	12,971	12,508
9	16	98 984	75 862,720	2 142 591,339	28,243	27,780	59	66	81 524	14 252,469	178 682,429	12,537	12,074
10	17	98 959	73 634,964	2 066 728,619	28,067	27,604	60	67	80 078	13 591,900	164 429,960	12,098	11,634
11	18	98 933	71 471,316	1 993 093,655	27,887	27,423	61	68	78 514	12 938,339	150 838,060	11,658	11,195
12	19	98 902	69 367,724	1 921 622,339	27,702	27,239	62	69	76 871	12 298,618	137 899,721	11,213	10,749
13	20	98 870	67 325,781	1 852 254,614	27,512	27,049	63	70	75 094	11 664,262	125 601,103	10,768	10,305
14	21	98 841	65 345,323	1 784 928,833	27,315	26,852	64	71	73 222	11 042,263	113 936,841	10,318	9,855
15	22	98 803	63 417,888	1 719 583,510	27,115	26,652	65	72	71 206	10 425,570	102 894,578	9,869	9,406
16	23	98 761	61 544,321	1 656 165,622	26,910	26,447	66	73	69 012	9 809,952	92 469,008	9,426	8,963
17	24	98 709	59 720,464	1 594 621,301	26,701	26,238	67	74	66 685	9 203,100	82 659,056	8,982	8,518
18	25	98 653	57 948,058	1 534 900,837	26,488	26,024	68	75	64 217	8 604,420	73 455,956	8,537	8,074
19	26	98 576	56 216,454	1 476 952,780	26,273	25,809	69	76	61 553	8 007,160	64 851,535	8,099	7,636
20	27	98 496	54 534,746	1 420 736,325	26,052	25,589	70	77	58 696	7 413,099	56 844,376	7,668	7,205
21	28	98 412	52 901,066	1 366 201,580	25,826	25,362	71	78	55 652	6 823,936	49 431,276	7,244	6,781
22	29	98 331	51 317,963	1 313 300,514	25,591	25,128	72	79	52 411	6 239,379	42 607,340	6,829	6,366
23	30	98 248	49 781,420	1 261 982,551	25,350	24,887	73	80	48 975	5 660,574	36 367,961	6,425	5,962
24	31	98 167	48 291,600	1 212 201,130	25,102	24,638	74	81	45 349	5 088,796	30 707,387	6,034	5,571
25	32	98 078	46 842,761	1 163 909,530	24,847	24,384	75	82	41 549	4 526,537	25 618,591	5,660	5,196
26	33	97 986	45 435,713	1 117 066,769	24,586	24,122	76	83	37 630	3 980,151	21 092,054	5,299	4,836
27	34	97 891	44 069,453	1 071 631,056	24,317	23,854	77	84	33 631	3 453,641	17 111,902	4,955	4,492
28	35	97 789	42 741,444	1 027 561,603	24,041	23,578	78	85	29 595	2 950,661	13 658,261	4,629	4,166
29	36	97 687	41 453,159	984 820,159	23,757	23,294	79	86	25 565	2 474,587	10 707,601	4,327	3,864
30	37	97 579	40 201,138	943 366,999	23,466	23,003	80	87	21 695	2 038,827	8 233,014	4,038	3,575
31	38	97 463	38 983,760	903 165,861	23,168	22,705	81	88	17 903	1 633,477	6 194,187	3,792	3,329
32	39	97 333	37 797,959	864 182,100	22,863	22,400	82	89	14 485	1 283,098	4 560,709	3,554	3,091
33	40	97 192	36 643,863	826 384,141	22,552	22,089	83	90	11 434	983,374	3 277,611	3,333	2,870
34	41	97 052	35 525,388	789 740,279	22,230	21,767	84	91	8 860	739,812	2 294,237	3,101	2,638
35	42	96 893	34 434,163	754 214,890	21,903	21,440	85	92	6 592	534,344	1 554,425	2,909	2,446
36	43	96 718	33 370,694	719 780,728	21,569	21,106	86	93	4 743	373,281	1 020,081	2,733	2,270
37	44	96 527	32 335,011	686 410,033	21,228	20,765	87	94	3 289	251,322	646,800	2,574	2,110
38	45	96 323	31 326,743	654 075,023	20,879	20,416	88	95	2 186	162,190	395,477	2,438	1,975
39	46	96 089	30 340,475	622 748,279	20,525	20,062	89	96	1 403	101,027	233,287	2,309	1,846
40	47	95 827	29 376,563	592 407,804	20,166	19,703	90	97	863	60,328	132,260	2,192	1,729
41	48	95 531	28 432,622	563 031,241	19,802	19,339	91	98	513	34,817	71,932	2,066	1,603
42	49	95 212	27 512,409	534 598,620	19,431	18,968	92	99	287	18,950	37,115	1,959	1,495
43	50	94 860	26 612,211	507 086,211	19,055	18,591	93	100	152	9,722	18,165	1,868	1,405
44	51	94 456	25 727,159	480 474,000	18,676	18,213							
45	52	94 020	24 862,588	454 746,841	18,290	17,827							
46	53	93 534	24 013,526	429 884,253	17,902	17,439							
47	54	92 993	23 179,224	405 870,727	17,510	17,047							
48	55	92 410	22 363,010	382 691,503	17,113	16,649							
49	56	91 752	21 557,154	360 328,492	16,715	16,252							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 930 103,889	29,423	28,960	50	58	90 672	20 682,979	332 496,065	16,076	15,613
1	9	99 173	96 284,880	2 830 519,800	29,397	28,934	51	59	89 873	19 903,610	311 813,087	15,666	15,203
2	10	99 132	93 441,261	2 734 234,920	29,262	28,798	52	60	89 014	19 139,226	291 909,476	15,252	14,789
3	11	99 105	90 694,902	2 640 793,659	29,117	28,654	53	61	88 062	18 382,972	272 770,250	14,838	14,375
4	12	99 082	88 033,015	2 550 098,757	28,968	28,504	54	62	87 059	17 644,259	254 387,278	14,418	13,954
5	13	99 060	85 450,081	2 462 065,742	28,813	28,350	55	63	85 958	16 913,774	236 743,019	13,997	13,534
6	14	99 039	82 943,484	2 376 615,661	28,653	28,190	56	64	84 796	16 199,108	219 829,245	13,570	13,107
7	15	99 016	80 509,197	2 293 672,177	28,490	28,026	57	65	83 559	15 497,806	203 630,138	13,139	12,676
8	16	98 993	78 146,115	2 213 162,979	28,321	27,858	58	66	82 251	14 811,010	188 132,331	12,702	12,239
9	17	98 968	75 850,524	2 135 016,864	28,148	27,684	59	67	80 854	14 135,317	173 321,321	12,262	11,798
10	18	98 942	73 622,038	2 059 166,340	27,969	27,506	60	68	79 356	13 469,306	159 186,004	11,818	11,355
11	19	98 911	71 455,704	1 985 544,302	27,787	27,324	61	69	77 745	12 811,606	145 716,698	11,374	10,911
12	20	98 881	69 352,807	1 914 088,598	27,599	27,136	62	70	76 028	12 163,731	132 905,091	10,926	10,463
13	21	98 849	67 311,576	1 844 735,791	27,406	26,943	63	71	74 196	11 524,895	120 741,361	10,477	10,013
14	22	98 819	65 331,199	1 777 424,215	27,206	26,743	64	72	72 245	10 894,926	109 216,466	10,025	9,561
15	23	98 780	63 403,315	1 712 093,016	27,003	26,540	65	73	70 105	10 264,233	98 321,539	9,579	9,116
16	24	98 738	61 530,323	1 648 689,701	26,795	26,332	66	74	67 816	9 639,893	88 057,307	9,135	8,671
17	25	98 686	59 706,886	1 587 159,378	26,583	26,119	67	75	65 396	9 025,259	78 417,414	8,689	8,225
18	26	98 631	57 935,144	1 527 452,493	26,365	25,902	68	76	62 787	8 412,704	69 392,155	8,248	7,785
19	27	98 550	56 201,435	1 469 517,348	26,147	25,684	69	77	59 992	7 804,197	60 979,451	7,814	7,350
20	28	98 470	54 520,669	1 413 315,913	25,923	25,459	70	78	56 996	7 198,458	53 175,254	7,387	6,924
21	29	98 386	52 887,326	1 358 795,244	25,692	25,229	71	79	53 801	6 596,985	45 976,796	6,969	6,506
22	30	98 303	51 303,729	1 305 907,918	25,454	24,991	72	80	50 443	6 005,086	39 379,811	6,558	6,095
23	31	98 221	49 767,758	1 254 604,189	25,209	24,746	73	81	46 851	5 415,057	33 374,725	6,163	5,700
24	32	98 135	48 275,856	1 204 836,431	24,957	24,494	74	82	43 105	4 836,922	27 959,668	5,780	5,317
25	33	98 044	46 826,537	1 156 560,575	24,699	24,236	75	83	39 186	4 269,123	23 122,746	5,416	4,953
26	34	97 951	45 419,275	1 109 734,037	24,433	23,970	76	84	35 185	3 721,604	18 853,623	5,066	4,603
27	35	97 851	44 051,569	1 064 314,762	24,161	23,697	77	85	31 143	3 198,121	15 132,019	4,732	4,268
28	36	97 748	42 723,229	1 020 263,194	23,881	23,418	78	86	27 071	2 698,983	11 933,898	4,422	3,958
29	37	97 642	41 433,829	977 539,964	23,593	23,130	79	87	23 094	2 235,422	9 234,915	4,131	3,668
30	38	97 527	40 179,965	936 106,135	23,298	22,835	80	88	19 207	1 805,052	6 999,493	3,878	3,414
31	39	97 405	38 960,777	895 926,170	22,996	22,532	81	89	15 657	1 428,538	5 194,441	3,636	3,173
32	40	97 264	37 771,377	856 965,394	22,688	22,225	82	90	12 460	1 103,761	3 765,903	3,412	2,949
33	41	97 123	36 617,743	819 194,017	22,372	21,908	83	91	9 740	837,642	2 662,142	3,178	2,715
34	42	96 971	35 495,867	782 576,273	22,047	21,584	84	92	7 326	611,718	1 824,501	2,983	2,519
35	43	96 801	34 401,590	747 080,406	21,716	21,253	85	93	5 346	433,362	1 212,783	2,799	2,335
36	44	96 615	33 335,470	712 678,816	21,379	20,916	86	94	3 762	296,056	779,421	2,633	2,169
37	45	96 418	32 298,445	679 343,346	21,033	20,570	87	95	2 548	194,676	483,365	2,483	2,020
38	46	96 193	31 284,372	647 044,901	20,683	20,219	88	96	1 652	122,543	288,689	2,356	1,893
39	47	95 940	30 293,420	615 760,529	20,327	19,863	89	97	1 032	74,357	166,146	2,234	1,771
40	48	95 661	29 325,582	585 467,109	19,964	19,501	90	98	618	43,197	91,789	2,125	1,662
41	49	95 354	28 379,937	556 141,527	19,596	19,133	91	99	357	24,223	48,592	2,006	1,543
42	50	95 013	27 454,851	527 761,590	19,223	18,760	92	100	194	12,793	24,369	1,905	1,442
43	51	94 638	26 550,033	500 306,739	18,844	18,381							
44	52	94 221	25 663,079	473 756,706	18,461	17,997							
45	53	93 760	24 793,698	448 093,628	18,073	17,610							
46	54	93 249	23 940,544	423 299,930	17,681	17,218							
47	55	92 696	23 105,372	399 359,386	17,284	16,821							
48	56	92 077	22 282,558	376 254,014	16,886	16,422							
49	57	91 404	21 475,390	353 971,456	16,483	16,019							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 921 988,272	29,344	28,881	50	59	90 259	20 588,672	325 872,565	15,828	15,365
1	10	99 167	96 278,768	2 822 410,369	29,315	28,852	51	60	89 444	19 808,504	305 283,894	15,412	14,949
2	11	99 124	93 433,733	2 726 131,601	29,177	28,714	52	61	88 528	19 034,575	285 475,390	14,998	14,535
3	12	99 097	90 687,699	2 632 697,868	29,030	28,567	53	62	87 561	18 278,457	266 440,815	14,577	14,114
4	13	99 074	88 026,267	2 542 010,169	28,878	28,415	54	63	86 513	17 533,545	248 162,358	14,154	13,690
5	14	99 050	85 441,675	2 453 983,902	28,721	28,258	55	64	85 385	16 800,983	230 628,814	13,727	13,264
6	15	99 027	82 933,216	2 368 542,227	28,560	28,096	56	65	84 186	16 082,542	213 827,831	13,296	12,832
7	16	99 003	80 498,283	2 285 609,010	28,393	27,930	57	66	82 912	15 377,816	197 745,289	12,859	12,396
8	17	98 977	78 133,552	2 205 110,727	28,222	27,759	58	67	81 575	14 689,267	182 367,473	12,415	11,952
9	18	98 950	75 837,210	2 126 977,175	28,047	27,583	59	68	80 125	14 007,822	167 678,207	11,970	11,507
10	19	98 920	73 605,956	2 051 139,965	27,866	27,403	60	69	78 579	13 337,372	153 670,385	11,522	11,059
11	20	98 890	71 440,337	1 977 534,009	27,681	27,218	61	70	76 893	12 671,093	140 333,012	11,075	10,612
12	21	98 860	69 338,174	1 906 093,672	27,490	27,027	62	71	75 120	12 018,396	127 661,919	10,622	10,159
13	22	98 828	67 297,027	1 836 755,498	27,293	26,830	63	72	73 206	11 371,118	115 643,523	10,170	9,707
14	23	98 797	65 316,186	1 769 458,471	27,091	26,627	64	73	71 127	10 726,326	104 272,405	9,721	9,258
15	24	98 758	63 388,894	1 704 142,285	26,884	26,421	65	74	68 889	10 086,298	93 546,079	9,275	8,811
16	25	98 716	61 516,334	1 640 753,391	26,672	26,209	66	75	66 505	9 453,611	83 459,781	8,828	8,365
17	26	98 664	59 693,581	1 579 237,057	26,456	25,993	67	76	63 939	8 824,165	74 006,170	8,387	7,924
18	27	98 604	57 919,666	1 519 543,477	26,235	25,772	68	77	61 195	8 199,461	65 182,005	7,950	7,486
19	28	98 524	56 186,928	1 461 623,811	26,014	25,550	69	78	58 255	7 578,232	56 982,544	7,519	7,056
20	29	98 445	54 506,508	1 405 436,882	25,785	25,322	70	79	55 101	6 959,051	49 404,312	7,099	6,636
21	30	98 359	52 872,657	1 350 930,375	25,551	25,087	71	80	51 781	6 349,264	42 445,260	6,685	6,222
22	31	98 276	51 289,649	1 298 057,718	25,308	24,845	72	81	48 255	5 744,627	36 095,996	6,283	5,820
23	32	98 189	49 751,533	1 246 768,068	25,060	24,597	73	82	44 532	5 147,034	30 351,370	5,897	5,434
24	33	98 101	48 259,136	1 197 016,535	24,804	24,341	74	83	40 653	4 561,857	25 204,335	5,525	5,062
25	34	98 009	46 809,596	1 148 757,399	24,541	24,078	75	84	36 640	3 991,804	20 642,478	5,171	4,708
26	35	97 911	45 400,843	1 101 947,804	24,272	23,808	76	85	32 582	3 446,258	16 650,674	4,832	4,368
27	36	97 810	44 032,796	1 056 546,961	23,995	23,531	77	86	28 487	2 925,335	13 204,415	4,514	4,051
28	37	97 702	42 703,307	1 012 514,165	23,710	23,247	78	87	24 455	2 438,130	10 279,080	4,216	3,753
29	38	97 590	41 412,006	969 810,858	23,419	22,955	79	88	20 446	1 979,105	7 840,950	3,962	3,499
30	39	97 470	40 156,276	928 398,852	23,120	22,656	80	89	16 798	1 578,587	5 861,845	3,713	3,250
31	40	97 337	38 933,377	888 242,576	22,814	22,351	81	90	13 469	1 228,873	4 283,259	3,486	3,022
32	41	97 195	37 744,454	849 309,199	22,502	22,038	82	91	10 614	940,187	3 054,386	3,249	2,785
33	42	97 042	36 587,315	811 564,745	22,182	21,718	83	92	8 053	692,609	2 114,198	3,053	2,589
34	43	96 880	35 462,290	774 977,430	21,854	21,390	84	93	5 942	496,113	1 421,589	2,865	2,402
35	44	96 699	34 365,277	739 515,140	21,519	21,056	85	94	4 240	343,707	925,476	2,693	2,229
36	45	96 506	33 297,773	705 149,863	21,177	20,714	86	95	2 914	229,327	581,769	2,537	2,074
37	46	96 288	32 254,760	671 852,089	20,830	20,366	87	96	1 925	147,088	352,442	2,396	1,933
38	47	96 043	31 235,852	639 597,330	20,476	20,013	88	97	1 216	90,193	205,354	2,277	1,814
39	48	95 774	30 240,848	608 361,477	20,117	19,654	89	98	739	53,243	115,161	2,163	1,700
40	49	95 484	29 271,243	578 120,629	19,750	19,287	90	99	430	30,053	61,918	2,060	1,597
41	50	95 154	28 320,564	548 849,386	19,380	18,917	91	100	241	16,353	31,865	1,949	1,485
42	51	94 791	27 390,704	520 528,822	19,004	18,541							
43	52	94 402	26 483,902	493 138,118	18,620	18,157							
44	53	93 960	25 591,970	466 654,216	18,234	17,771							
45	54	93 475	24 718,345	441 062,246	17,844	17,380							
46	55	92 952	23 864,266	416 343,901	17,446	16,983							
47	56	92 363	23 022,250	392 479,635	17,048	16,585							
48	57	91 728	22 198,043	369 457,385	16,644	16,180							
49	58	91 027	21 386,777	347 259,342	16,237	15,774							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 913 386,851	29,259	28,796	50	60	89 828	20 490,292	318 901,342	15,564	15,100
1	11	99 159	96 271,011	2 813 815,269	29,228	28,765	51	61	88 955	19 700,193	298 411,050	15,148	14,684
2	12	99 116	93 426,313	2 717 544,258	29,088	28,624	52	62	88 024	18 926,354	278 710,857	14,726	14,263
3	13	99 089	90 680,747	2 624 117,945	28,938	28,475	53	63	87 012	18 163,763	259 784,502	14,302	13,839
4	14	99 065	88 017,608	2 533 437,198	28,783	28,320	54	64	85 936	17 416,620	241 620,739	13,873	13,410
5	15	99 038	85 431,098	2 445 419,590	28,624	28,161	55	65	84 771	16 680,086	224 204,119	13,441	12,978
6	16	99 013	82 921,974	2 359 988,492	28,460	27,997	56	66	83 534	15 958,024	207 524,033	13,004	12,541
7	17	98 987	80 485,342	2 277 066,518	28,292	27,828	57	67	82 230	15 251,414	191 566,009	12,561	12,097
8	18	98 960	78 119,837	2 196 581,176	28,118	27,655	58	68	80 840	14 556,775	176 314,596	12,112	11,649
9	19	98 929	75 820,644	2 118 461,339	27,940	27,477	59	69	79 340	13 870,613	161 757,821	11,662	11,199
10	20	98 899	73 590,127	2 042 640,695	27,757	27,294	60	70	77 717	13 191,093	147 887,207	11,211	10,748
11	21	98 869	71 425,264	1 969 050,568	27,568	27,105	61	71	75 974	12 519,696	134 696,115	10,759	10,296
12	22	98 838	69 323,187	1 897 625,304	27,374	26,910	62	72	74 117	11 858,035	122 176,418	10,303	9,840
13	23	98 805	67 281,562	1 828 302,118	27,174	26,711	63	73	72 073	11 195,149	110 318,384	9,854	9,391
14	24	98 774	65 301,330	1 761 020,555	26,968	26,504	64	74	69 894	10 540,381	99 123,235	9,404	8,941
15	25	98 735	63 374,482	1 695 719,225	26,757	26,294	65	75	67 558	9 891,390	88 582,855	8,956	8,492
16	26	98 694	61 502,625	1 632 344,744	26,541	26,078	66	76	65 023	9 242,973	78 691,465	8,514	8,050
17	27	98 638	59 677,633	1 570 842,118	26,322	25,859	67	77	62 319	8 600,493	69 448,492	8,075	7,612
18	28	98 579	57 904,715	1 511 164,485	26,097	25,634	68	78	59 423	7 962,052	60 847,998	7,642	7,179
19	29	98 499	56 172,334	1 453 259,770	25,871	25,408	69	79	56 318	7 326,194	52 885,947	7,219	6,756
20	30	98 418	54 491,390	1 397 087,436	25,639	25,175	70	80	53 031	6 697,734	45 559,752	6,802	6,339
21	31	98 332	52 858,147	1 342 596,046	25,400	24,937	71	81	49 535	6 073,876	38 862,018	6,398	5,935
22	32	98 244	51 272,928	1 289 737,899	25,154	24,691	72	82	45 867	5 460,292	32 788,142	6,005	5,542
23	33	98 155	49 734,302	1 238 464,971	24,902	24,438	73	83	42 000	4 854,334	27 327,850	5,630	5,166
24	34	98 065	48 241,676	1 188 730,670	24,641	24,178	74	84	38 013	4 265,523	22 473,516	5,269	4,805
25	35	97 969	46 790,599	1 140 488,993	24,374	23,911	75	85	33 930	3 696,468	18 207,993	4,926	4,463
26	36	97 869	45 381,495	1 093 698,394	24,100	23,637	76	86	29 803	3 152,308	14 511,525	4,603	4,140
27	37	97 764	44 012,263	1 048 316,899	23,819	23,356	77	87	25 733	2 642,606	11 359,217	4,298	3,835
28	38	97 651	42 680,815	1 004 304,636	23,531	23,067	78	88	21 651	2 158,570	8 716,611	4,038	3,575
29	39	97 533	41 387,591	961 623,821	23,235	22,771	79	89	17 881	1 730,802	6 558,041	3,789	3,326
30	40	97 401	40 128,035	920 236,230	22,933	22,469	80	90	14 450	1 357,950	4 827,239	3,555	3,092
31	41	97 267	38 905,626	880 108,195	22,622	22,158	81	91	11 473	1 046,758	3 469,289	3,314	2,851
32	42	97 114	37 713,089	841 202,569	22,305	21,842	82	92	8 776	777,399	2 422,531	3,116	2,653
33	43	96 950	36 552,705	803 489,480	21,982	21,518	83	93	6 531	561,717	1 645,131	2,929	2,466
34	44	96 777	35 424,858	766 936,775	21,650	21,186	84	94	4 712	393,476	1 083,414	2,753	2,290
35	45	96 590	34 326,416	731 511,917	21,310	20,847	85	95	3 284	266,238	689,938	2,591	2,128
36	46	96 376	33 252,736	697 185,501	20,966	20,503	86	96	2 202	173,269	423,700	2,445	1,982
37	47	96 138	32 204,735	663 932,765	20,616	20,153	87	97	1 417	108,258	250,432	2,313	1,850
38	48	95 877	31 181,645	631 728,029	20,260	19,796	88	98	871	64,582	142,173	2,201	1,738
39	49	95 596	30 184,813	600 546,384	19,896	19,432	89	99	514	37,042	77,591	2,095	1,631
40	50	95 284	29 210,005	570 361,571	19,526	19,063	90	100	290	20,289	40,549	1,999	1,535
41	51	94 932	28 254,394	541 151,566	19,153	18,690							
42	52	94 555	27 322,479	512 897,172	18,772	18,309							
43	53	94 141	26 410,519	485 574,692	18,386	17,922							
44	54	93 674	25 514,192	459 164,173	17,996	17,533							
45	55	93 177	24 639,589	433 649,981	17,600	17,137							
46	56	92 618	23 778,413	409 010,393	17,201	16,738							
47	57	92 013	22 934,929	385 231,979	16,797	16,334							
48	58	91 349	22 106,448	362 297,050	16,389	15,926							
49	59	90 612	21 289,261	340 190,603	15,979	15,516							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 904 288,172	29,170	28,707	50	61	89 336	20 378,253	311 579,358	15,290	14,827
1	12	99 151	96 263,365	2 804 724,612	29,136	28,673	51	62	88 449	19 588,188	291 201,105	14,866	14,403
2	13	99 108	93 419,151	2 708 461,246	28,993	28,529	52	63	87 472	18 807,596	271 612,916	14,442	13,978
3	14	99 080	90 671,827	2 615 042,095	28,841	28,378	53	64	86 432	18 042,636	252 805,320	14,012	13,548
4	15	99 052	88 006,712	2 524 370,268	28,684	28,221	54	65	85 317	17 291,293	234 762,685	13,577	13,114
5	16	99 025	85 419,517	2 436 363,557	28,522	28,059	55	66	84 114	16 550,941	217 471,391	13,140	12,676
6	17	98 997	82 908,643	2 350 944,040	28,356	27,893	56	67	82 847	15 826,853	200 920,450	12,695	12,232
7	18	98 969	80 471,214	2 268 035,397	28,184	27,721	57	68	81 489	15 113,852	185 093,597	12,247	11,783
8	19	98 938	78 102,772	2 187 564,182	28,009	27,546	58	69	80 048	14 414,189	169 979,746	11,793	11,329
9	20	98 907	75 804,338	2 109 461,410	27,828	27,364	59	70	78 470	13 718,485	155 565,556	11,340	10,877
10	21	98 878	73 574,601	2 033 657,072	27,641	27,178	60	71	76 788	13 033,483	141 847,071	10,883	10,420
11	22	98 848	71 409,826	1 960 082,471	27,448	26,985	61	72	74 960	12 352,646	128 813,588	10,428	9,965
12	23	98 816	69 307,257	1 888 672,646	27,251	26,787	62	73	72 971	11 674,530	116 460,942	9,976	9,512
13	24	98 783	67 266,259	1 819 365,389	27,047	26,584	63	74	70 824	11 001,076	104 786,413	9,525	9,062
14	25	98 752	65 286,483	1 752 099,130	26,837	26,374	64	75	68 543	10 336,698	93 785,337	9,073	8,610
15	26	98 713	63 360,359	1 686 812,647	26,623	26,159	65	76	66 053	9 670,998	83 448,639	8,629	8,166
16	27	98 667	61 486,194	1 623 452,288	26,404	25,940	66	77	63 375	9 008,686	73 777,641	8,190	7,726
17	28	98 613	59 662,228	1 561 966,094	26,180	25,717	67	78	60 514	8 351,472	64 768,956	7,755	7,292
18	29	98 553	57 889,676	1 502 303,865	25,951	25,488	68	79	57 447	7 697,249	56 417,483	7,330	6,866
19	30	98 471	56 156,754	1 444 414,190	25,721	25,258	69	80	54 203	7 051,091	48 720,234	6,910	6,446
20	31	98 391	54 476,435	1 388 257,435	25,484	25,020	70	81	50 731	6 407,232	41 669,143	6,503	6,040
21	32	98 300	52 840,914	1 333 781,000	25,241	24,778	71	82	47 083	5 773,245	35 261,911	6,108	5,645
22	33	98 210	51 255,170	1 280 940,087	24,991	24,528	72	83	43 258	5 149,777	29 488,666	5,726	5,263
23	34	98 119	49 716,308	1 229 684,917	24,734	24,271	73	84	39 272	4 539,001	24 338,889	5,362	4,899
24	35	98 026	48 222,099	1 179 968,609	24,469	24,006	74	85	35 200	3 949,935	19 799,888	5,013	4,549
25	36	97 927	46 770,659	1 131 746,510	24,198	23,735	75	86	31 032	3 381,176	15 849,954	4,688	4,224
26	37	97 824	45 360,333	1 084 975,851	23,919	23,456	76	87	26 922	2 847,642	12 468,778	4,379	3,915
27	38	97 712	43 989,082	1 039 615,517	23,633	23,170	77	88	22 783	2 339,601	9 621,136	4,112	3,649
28	39	97 593	42 655,652	995 626,436	23,341	22,878	78	89	18 934	1 887,752	7 281,535	3,857	3,394
29	40	97 464	41 358,484	952 970,784	23,042	22,578	79	90	15 382	1 488,890	5 393,783	3,623	3,159
30	41	97 332	40 099,432	911 612,300	22,734	22,271	80	91	12 308	1 156,706	3 904,893	3,376	2,913
31	42	97 186	38 873,296	871 512,867	22,419	21,956	81	92	9 486	865,518	2 748,187	3,175	2,712
32	43	97 022	37 677,415	832 639,572	22,099	21,636	82	93	7 117	630,484	1 882,669	2,986	2,523
33	44	96 848	36 514,122	794 962,157	21,771	21,308	83	94	5 180	445,508	1 252,185	2,811	2,347
34	45	96 668	35 384,799	758 448,035	21,434	20,971	84	95	3 650	304,790	806,677	2,647	2,183
35	46	96 459	34 279,988	723 063,236	21,093	20,630	85	96	2 481	201,157	501,888	2,495	2,032
36	47	96 226	33 201,164	688 783,249	20,746	20,283	86	97	1 620	127,527	300,731	2,358	1,895
37	48	95 972	32 148,847	655 582,085	20,392	19,929	87	98	1 014	77,518	173,204	2,234	1,771
38	49	95 699	31 123,867	623 433,238	20,031	19,567	88	99	606	44,931	95,686	2,130	1,666
39	50	95 396	30 121,664	592 309,371	19,664	19,201	89	100	347	25,007	50,755	2,030	1,566
40	51	95 062	29 141,757	562 187,707	19,291	18,828							
41	52	94 695	28 184,018	533 045,950	18,913	18,450							
42	53	94 293	27 246,773	504 861,931	18,529	18,066							
43	54	93 855	26 330,253	477 615,158	18,139	17,676							
44	55	93 376	25 432,900	451 284,905	17,744	17,281							
45	56	92 842	24 550,947	425 852,005	17,346	16,882							
46	57	92 267	23 688,225	401 301,059	16,941	16,478							
47	58	91 633	22 840,293	377 612,834	16,533	16,070							
48	59	90 933	22 005,650	354 772,541	16,122	15,659							
49	60	90 179	21 187,533	332 766,891	15,706	15,243							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 894 683,038	29,076	28,613	50	62	88 828	20 262,393	303 914,380	14,999	14,536
1	13	99 144	96 255,986	2 795 127,385	29,038	28,575	51	63	87 894	19 465,277	283 651,987	14,572	14,109
2	14	99 099	93 409,961	2 698 871,399	28,893	28,430	52	64	86 889	18 682,175	264 186,710	14,141	13,678
3	15	99 067	90 660,602	2 605 461,437	28,739	28,275	53	65	85 810	17 912,804	245 504,535	13,706	13,242
4	16	99 039	87 994,782	2 514 800,835	28,579	28,116	54	66	84 657	17 157,417	227 591,731	13,265	12,802
5	17	99 009	85 405,784	2 426 806,054	28,415	27,952	55	67	83 423	16 414,897	210 434,315	12,820	12,356
6	18	98 980	82 894,090	2 341 400,269	28,246	27,782	56	68	82 100	15 684,100	194 019,418	12,370	11,907
7	19	98 948	80 453,636	2 258 506,180	28,072	27,609	57	69	80 690	14 965,809	178 335,318	11,916	11,453
8	20	98 917	78 085,976	2 178 052,543	27,893	27,430	58	70	79 170	14 256,100	163 369,508	11,460	10,996
9	21	98 887	75 788,345	2 099 966,568	27,708	27,245	59	71	77 532	13 554,574	149 113,409	11,001	10,538
10	22	98 857	73 558,698	2 024 178,223	27,518	27,055	60	72	75 764	12 859,577	135 558,835	10,541	10,078
11	23	98 825	71 393,416	1 950 619,526	27,322	26,859	61	73	73 800	12 161,487	122 699,258	10,089	9,626
12	24	98 793	69 291,492	1 879 226,110	27,121	26,657	62	74	71 706	11 472,147	110 537,771	9,635	9,172
13	25	98 760	67 250,966	1 809 934,617	26,913	26,450	63	75	69 455	10 788,490	99 065,624	9,183	8,719
14	26	98 730	65 271,935	1 742 683,652	26,699	26,236	64	76	67 016	10 106,384	88 277,134	8,735	8,272
15	27	98 687	63 343,432	1 677 411,717	26,481	26,018	65	77	64 378	9 425,861	78 170,750	8,293	7,830
16	28	98 642	61 470,323	1 614 068,285	26,258	25,794	66	78	61 540	8 747,846	68 744,889	7,858	7,395
17	29	98 587	59 646,732	1 552 597,962	26,030	25,567	67	79	58 502	8 073,718	59 997,044	7,431	6,968
18	30	98 526	57 873,619	1 492 951,230	25,797	25,334	68	80	55 290	7 408,212	51 923,326	7,009	6,546
19	31	98 444	56 141,343	1 435 077,611	25,562	25,099	69	81	51 852	6 745,263	44 515,113	6,599	6,136
20	32	98 358	54 458,674	1 378 936,268	25,321	24,858	70	82	48 220	6 090,101	37 769,851	6,202	5,739
21	33	98 266	52 822,613	1 324 477,594	25,074	24,611	71	83	44 405	5 444,933	31 679,749	5,818	5,355
22	34	98 175	51 236,626	1 271 654,981	24,819	24,356	72	84	40 448	4 815,252	26 234,816	5,448	4,985
23	35	98 080	49 696,132	1 220 418,355	24,558	24,094	73	85	36 366	4 203,179	21 419,564	5,096	4,633
24	36	97 984	48 201,549	1 170 722,223	24,288	23,825	74	86	32 198	3 613,023	17 216,385	4,765	4,302
25	37	97 882	46 748,849	1 122 520,674	24,012	23,549	75	87	28 036	3 054,390	13 603,361	4,454	3,990
26	38	97 772	45 336,442	1 075 771,825	23,729	23,265	76	88	23 835	2 521,127	10 548,971	4,184	3,721
27	39	97 655	43 963,147	1 030 435,383	23,439	22,975	77	89	19 924	2 046,070	8 027,844	3,924	3,460
28	40	97 524	42 625,654	986 472,236	23,143	22,679	78	90	16 288	1 623,903	5 981,775	3,684	3,220
29	41	97 395	41 329,004	943 846,583	22,837	22,374	79	91	13 102	1 268,242	4 357,872	3,436	2,973
30	42	97 251	40 066,111	902 517,578	22,526	22,062	80	92	10 177	956,429	3 089,630	3,230	2,767
31	43	97 094	38 836,524	862 451,468	22,207	21,744	81	93	7 693	701,950	2 133,201	3,039	2,576
32	44	96 920	37 637,644	823 614,944	21,883	21,420	82	94	5 645	500,048	1 431,251	2,862	2,399
33	45	96 738	36 472,831	785 977,300	21,550	21,086	83	95	4 013	345,094	931,204	2,698	2,235
34	46	96 537	35 336,938	749 504,469	21,210	20,747	84	96	2 758	230,284	586,110	2,545	2,082
35	47	96 310	34 226,822	714 167,530	20,866	20,403	85	97	1 826	148,053	355,825	2,403	1,940
36	48	96 059	33 143,546	679 940,708	20,515	20,052	86	98	1 160	91,315	207,772	2,275	1,812
37	49	95 794	32 089,276	646 797,162	20,156	19,693	87	99	706	53,931	116,457	2,159	1,696
38	50	95 499	31 058,753	614 707,886	19,792	19,329	88	100	409	30,333	62,526	2,061	1,598
39	51	95 173	30 051,286	583 649,132	19,422	18,959							
40	52	94 825	29 069,171	553 597,846	19,044	18,581							
41	53	94 433	28 105,925	524 528,675	18,663	18,199							
42	54	94 006	27 163,965	496 422,750	18,275	17,812							
43	55	93 556	26 246,361	469 258,784	17,879	17,416							
44	56	93 040	25 341,404	443 012,423	17,482	17,019							
45	57	92 490	24 457,828	417 671,020	17,077	16,614							
46	58	91 886	23 590,480	393 213,192	16,668	16,205							
47	59	91 215	22 736,149	369 622,712	16,257	15,794							
48	60	90 498	21 900,499	346 886,562	15,839	15,376							
49	61	89 686	21 071,682	324 986,063	15,423	14,960							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 884 560,988	28,977	28,513	50	63	88 271	20 135,251	295 905,158	14,696	14,233
1	14	99 134	96 246,518	2 785 012,967	28,936	28,473	51	64	87 308	19 335,470	275 769,907	14,262	13,799
2	15	99 086	93 398,398	2 688 766,450	28,788	28,325	52	65	86 263	18 547,741	256 434,437	13,826	13,362
3	16	99 054	90 648,312	2 595 368,052	28,631	28,168	53	66	85 145	17 774,116	237 886,695	13,384	12,921
4	17	99 023	87 980,635	2 504 719,740	28,469	28,006	54	67	83 961	17 016,387	220 112,580	12,935	12,472
5	18	98 991	85 390,793	2 416 739,104	28,302	27,839	55	68	82 670	16 266,840	203 096,193	12,485	12,022
6	19	98 958	82 875,982	2 331 348,312	28,131	27,667	56	69	81 296	15 530,472	186 829,353	12,030	11,567
7	20	98 927	80 436,334	2 248 472,329	27,953	27,490	57	70	79 805	14 801,669	171 298,881	11,573	11,110
8	21	98 896	78 069,501	2 168 035,995	27,771	27,307	58	71	78 224	14 085,765	156 497,211	11,110	10,647
9	22	98 865	75 771,963	2 089 966,495	27,582	27,119	59	72	76 498	13 373,715	142 411,447	10,649	10,185
10	23	98 834	73 541,794	2 014 194,531	27,388	26,925	60	73	74 591	12 660,573	129 037,731	10,192	9,729
11	24	98 803	71 377,177	1 940 652,737	27,189	26,725	61	74	72 521	11 950,663	116 377,158	9,738	9,275
12	25	98 771	69 275,739	1 869 275,560	26,983	26,520	62	75	70 320	11 250,459	104 426,496	9,282	8,819
13	26	98 738	67 235,979	1 799 999,822	26,771	26,308	63	76	67 908	10 548,110	93 176,037	8,833	8,370
14	27	98 703	65 254,497	1 732 763,842	26,554	26,091	64	77	65 317	9 850,211	82 627,927	8,388	7,925
15	28	98 662	63 327,081	1 667 509,346	26,332	25,868	65	78	62 514	9 152,942	72 777,716	7,951	7,488
16	29	98 616	61 454,357	1 604 182,265	26,104	25,640	66	79	59 493	8 456,909	63 624,775	7,523	7,060
17	30	98 560	59 630,188	1 542 727,908	25,872	25,408	67	80	56 305	7 770,545	55 167,866	7,100	6,636
18	31	98 499	57 857,736	1 483 097,719	25,634	25,170	68	81	52 892	7 086,895	47 397,321	6,688	6,225
19	32	98 412	56 123,039	1 425 239,983	25,395	24,932	69	82	49 286	6 411,401	40 310,427	6,287	5,824
20	33	98 324	54 439,813	1 369 116,944	25,149	24,686	70	83	45 478	5 743,771	33 899,026	5,902	5,439
21	34	98 230	52 803,502	1 314 677,131	24,898	24,434	71	84	41 521	5 091,235	28 155,255	5,530	5,067
22	35	98 135	51 215,833	1 261 873,629	24,638	24,175	72	85	37 456	4 458,992	23 064,020	5,172	4,709
23	36	98 038	49 674,954	1 210 657,796	24,372	23,908	73	86	33 264	3 844,667	18 605,028	4,839	4,376
24	37	97 938	48 179,072	1 160 982,842	24,097	23,634	74	87	29 086	3 263,830	14 760,361	4,522	4,059
25	38	97 830	46 724,227	1 112 803,770	23,816	23,353	75	88	24 821	2 704,169	11 496,531	4,251	3,788
26	39	97 715	45 309,713	1 066 079,544	23,529	23,065	76	89	20 845	2 204,821	8 792,362	3,988	3,525
27	40	97 586	43 932,229	1 020 769,831	23,235	22,772	77	90	17 140	1 760,093	6 587,541	3,743	3,279
28	41	97 455	42 595,270	976 837,601	22,933	22,470	78	91	13 874	1 383,246	4 827,448	3,490	3,027
29	42	97 314	41 294,661	934 242,331	22,624	22,161	79	92	10 834	1 048,653	3 444,202	3,284	2,821
30	43	97 159	40 028,210	892 947,670	22,308	21,845	80	93	8 254	775,680	2 395,549	3,088	2,625
31	44	96 992	38 795,530	852 919,460	21,985	21,522	81	94	6 102	556,728	1 619,869	2,910	2,446
32	45	96 810	37 595,083	814 123,930	21,655	21,192	82	95	4 373	387,341	1 063,141	2,745	2,281
33	46	96 607	36 423,499	776 528,847	21,319	20,856	83	96	3 032	260,736	675,800	2,592	2,129
34	47	96 387	35 282,134	740 105,348	20,977	20,514	84	97	2 030	169,491	415,063	2,449	1,986
35	48	96 142	34 167,425	704 823,214	20,629	20,165	85	98	1 308	106,013	245,572	2,316	1,853
36	49	95 881	33 082,132	670 655,790	20,272	19,809	86	99	807	63,530	139,559	2,197	1,734
37	50	95 593	32 022,143	637 573,658	19,910	19,447	87	100	476	36,408	76,029	2,088	1,625
38	51	95 276	30 986,186	605 551,514	19,543	19,079							
39	52	94 936	29 976,435	574 565,329	19,167	18,704							
40	53	94 562	28 988,625	544 588,894	18,786	18,323							
41	54	94 146	28 020,506	515 600,268	18,401	17,938							
42	55	93 707	27 077,417	487 579,762	18,007	17,544							
43	56	93 219	26 151,939	460 502,346	17,609	17,146							
44	57	92 687	25 245,287	434 350,407	17,205	16,742							
45	58	92 108	24 356,908	409 105,120	16,796	16,333							
46	59	91 467	23 482,916	384 748,212	16,384	15,921							
47	60	90 779	22 627,508	361 265,296	15,966	15,503							
48	61	90 004	21 780,750	338 637,788	15,548	15,084							
49	62	89 176	20 951,880	316 857,038	15,123	14,660							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 873 911,769	28,872	28,409	50	64	87 682	20 000,977	287 558,809	14,377	13,914
1	15	99 122	96 234,603	2 774 373,540	28,829	28,366	51	65	86 680	19 196,336	267 557,832	13,938	13,475
2	16	99 073	93 385,737	2 678 138,937	28,678	28,215	52	66	85 596	18 404,137	248 361,497	13,495	13,032
3	17	99 038	90 633,739	2 584 753,201	28,519	28,055	53	67	84 445	17 628,017	229 957,360	13,045	12,582
4	18	99 006	87 965,191	2 494 119,461	28,353	27,890	54	68	83 204	16 862,905	212 329,343	12,592	12,128
5	19	98 970	85 372,140	2 406 154,270	28,184	27,721	55	69	81 861	16 107,504	195 466,438	12,135	11,672
6	20	98 937	82 858,160	2 320 782,130	28,009	27,546	56	70	80 404	15 360,139	179 358,934	11,677	11,214
7	21	98 906	80 419,363	2 237 923,970	27,828	27,365	57	71	78 852	14 624,816	163 998,795	11,214	10,751
8	22	98 875	78 052,626	2 157 504,607	27,642	27,178	58	72	77 180	13 897,818	149 373,979	10,748	10,285
9	23	98 843	75 754,551	2 079 451,981	27,450	26,987	59	73	75 314	13 166,755	135 476,160	10,289	9,826
10	24	98 812	73 525,067	2 003 697,430	27,252	26,789	60	74	73 298	12 441,097	122 309,405	9,831	9,368
11	25	98 780	71 360,949	1 930 172,364	27,048	26,585	61	75	71 119	11 719,727	109 868,308	9,375	8,911
12	26	98 749	69 260,301	1 858 811,414	26,838	26,375	62	76	68 753	10 999,785	98 148,581	8,923	8,460
13	27	98 712	67 218,017	1 789 551,113	26,623	26,160	63	77	66 187	10 280,740	87 148,796	8,477	8,014
14	28	98 678	65 237,652	1 722 333,097	26,401	25,938	64	78	63 426	9 565,005	76 868,056	8,036	7,573
15	29	98 636	63 310,633	1 657 095,444	26,174	25,711	65	79	60 435	8 848,532	67 303,051	7,606	7,143
16	30	98 589	61 437,312	1 593 784,811	25,942	25,478	66	80	57 259	8 139,346	58 454,519	7,182	6,718
17	31	98 533	59 613,823	1 532 347,500	25,705	25,241	67	81	53 863	7 433,511	50 315,172	6,769	6,305
18	32	98 467	57 838,873	1 472 733,676	25,463	24,999	68	82	50 274	6 736,123	42 881,661	6,366	5,903
19	33	98 378	56 103,601	1 414 894,803	25,219	24,756	69	83	46 483	6 046,798	36 145,538	5,978	5,514
20	34	98 289	54 420,117	1 358 791,201	24,969	24,505	70	84	42 524	5 370,660	30 098,739	5,604	5,141
21	35	98 190	52 782,073	1 304 371,084	24,712	24,249	71	85	38 449	4 714,556	24 728,079	5,245	4,782
22	36	98 093	51 194,007	1 251 589,011	24,448	23,985	72	86	34 261	4 078,660	20 013,523	4,907	4,444
23	37	97 992	49 651,790	1 200 395,004	24,176	23,713	73	87	30 049	3 473,085	15 934,863	4,588	4,125
24	38	97 887	48 153,696	1 150 743,215	23,897	23,434	74	88	25 751	2 889,594	12 461,777	4,313	3,849
25	39	97 772	46 696,680	1 102 589,519	23,612	23,149	75	89	21 707	2 364,898	9 572,183	4,048	3,584
26	40	97 646	45 277,848	1 055 892,839	23,320	22,857	76	90	17 932	1 896,656	7 207,285	3,800	3,337
27	41	97 517	43 900,915	1 010 614,991	23,020	22,557	77	91	14 600	1 499,253	5 310,628	3,542	3,079
28	42	97 374	42 559,875	966 714,076	22,714	22,251	78	92	11 472	1 143,745	3 811,375	3,332	2,869
29	43	97 222	41 255,598	924 154,201	22,401	21,937	79	93	8 786	850,475	2 667,630	3,137	2,673
30	44	97 056	39 985,958	882 898,603	22,080	21,617	80	94	6 546	615,205	1 817,155	2,954	2,491
31	45	96 882	38 751,659	842 912,645	21,752	21,288	81	95	4 727	431,246	1 201,950	2,787	2,324
32	46	96 680	37 544,233	804 160,986	21,419	20,956	82	96	3 304	292,656	770,704	2,633	2,170
33	47	96 458	36 367,009	766 616,753	21,080	20,617	83	97	2 231	191,904	478,048	2,491	2,028
34	48	96 220	35 220,905	730 249,743	20,733	20,270	84	98	1 453	121,364	286,143	2,358	1,895
35	49	95 964	34 104,114	695 028,839	20,380	19,916	85	99	910	73,755	164,780	2,234	1,771
36	50	95 681	33 012,922	660 924,725	20,020	19,557	86	100	545	42,889	91,025	2,122	1,659
37	51	95 370	31 947,325	627 911,803	19,655	19,191							
38	52	95 039	30 909,006	595 964,478	19,281	18,818							
39	53	94 673	29 893,375	565 055,473	18,902	18,439							
40	54	94 275	28 900,524	535 162,098	18,517	18,054							
41	55	93 846	27 931,228	506 261,574	18,125	17,662							
42	56	93 370	26 980,005	478 330,345	17,729	17,266							
43	57	92 865	26 052,747	451 350,341	17,324	16,861							
44	58	92 304	25 141,118	425 297,593	16,916	16,453							
45	59	91 688	24 245,849	400 156,476	16,504	16,041							
46	60	91 030	23 370,706	375 910,627	16,085	15,621							
47	61	90 283	22 503,783	352 539,920	15,666	15,203							
48	62	89 492	21 656,916	330 036,137	15,239	14,776							
49	63	88 616	20 820,412	308 379,220	14,811	14,348							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 862 727,937	28,764	28,300	50	65	87 051	19 857,053	278 879,012	14,044	13,581
1	16	99 108	96 221,557	2 763 202,030	28,717	28,254	51	66	86 008	19 047,709	259 021,959	13,599	13,135
2	17	99 057	93 370,724	2 666 980,473	28,563	28,100	52	67	84 892	18 252,859	239 974,250	13,147	12,684
3	18	99 021	90 617,830	2 573 609,750	28,401	27,937	53	68	83 684	17 469,018	221 721,390	12,692	12,229
4	19	98 984	87 945,977	2 482 991,920	28,233	27,770	54	69	82 389	16 697,731	204 252,372	12,232	11,769
5	20	98 948	85 353,780	2 395 045,943	28,060	27,597	55	70	80 963	15 930,843	187 554,641	11,773	11,310
6	21	98 916	82 840,677	2 309 692,163	27,881	27,418	56	71	79 444	15 176,613	171 623,799	11,308	10,845
7	22	98 884	80 401,981	2 226 851,486	27,696	27,233	57	72	77 800	14 429,677	156 447,186	10,842	10,379
8	23	98 852	78 034,690	2 146 449,505	27,506	27,043	58	73	75 986	13 682,748	142 017,509	10,379	9,916
9	24	98 820	75 737,320	2 068 414,815	27,310	26,847	59	74	74 008	12 938,504	128 334,761	9,919	9,456
10	25	98 789	73 508,351	1 992 677,495	27,108	26,645	60	75	71 882	12 200,684	115 396,257	9,458	8,995
11	26	98 758	71 345,047	1 919 169,144	26,900	26,437	61	76	69 535	11 458,598	103 195,573	9,006	8,543
12	27	98 722	69 241,798	1 847 824,097	26,687	26,223	62	77	67 010	10 720,966	91 736,975	8,557	8,094
13	28	98 686	67 200,665	1 778 582,300	26,467	26,004	63	78	64 270	9 983,069	81 016,009	8,115	7,652
14	29	98 652	65 220,708	1 711 381,634	26,240	25,777	64	79	61 317	9 246,891	71 032,940	7,682	7,219
15	30	98 609	63 293,073	1 646 160,926	26,009	25,545	65	80	58 166	8 516,264	61 786,049	7,255	6,792
16	31	98 562	61 420,451	1 582 867,853	25,771	25,308	66	81	54 776	7 786,317	53 269,785	6,841	6,378
17	32	98 500	59 594,388	1 521 447,402	25,530	25,067	67	82	51 197	7 065,584	45 483,468	6,437	5,974
18	33	98 433	57 818,841	1 461 853,015	25,283	24,820	68	83	47 415	6 353,055	38 417,884	6,047	5,584
19	34	98 342	56 083,304	1 404 034,173	25,035	24,572	69	84	43 463	5 654,004	32 064,829	5,671	5,208
20	35	98 249	54 398,032	1 347 950,870	24,779	24,316	70	85	39 378	4 973,308	26 410,826	5,311	4,847
21	36	98 148	52 759,580	1 293 552,837	24,518	24,055	71	86	35 169	4 312,426	21 437,518	4,971	4,508
22	37	98 047	51 170,135	1 240 793,258	24,248	23,785	72	87	30 950	3 684,463	17 125,092	4,648	4,185
23	38	97 940	49 625,638	1 189 623,123	23,972	23,509	73	88	26 604	3 074,856	13 440,628	4,371	3,908
24	39	97 829	48 125,306	1 139 997,485	23,688	23,225	74	89	22 520	2 527,060	10 365,772	4,102	3,639
25	40	97 704	46 663,840	1 091 872,179	23,399	22,935	75	90	18 673	2 034,359	7 838,712	3,853	3,390
26	41	97 576	45 245,575	1 045 208,340	23,101	22,638	76	91	15 274	1 615,578	5 804,353	3,593	3,130
27	42	97 436	43 864,434	999 962,765	22,797	22,333	77	92	12 072	1 239,666	4 188,774	3,379	2,916
28	43	97 282	42 519,615	956 098,331	22,486	22,023	78	93	9 304	927,596	2 949,108	3,179	2,716
29	44	97 119	41 212,051	913 578,716	22,168	21,705	79	94	6 969	674,526	2 021,512	2,997	2,534
30	45	96 947	39 940,741	872 366,665	21,842	21,378	80	95	5 071	476,543	1 346,986	2,827	2,363
31	46	96 751	38 699,245	832 425,923	21,510	21,047	81	96	3 571	325,829	870,443	2,671	2,208
32	47	96 530	37 486,005	793 726,678	21,174	20,711	82	97	2 432	215,398	544,614	2,528	2,065
33	48	96 290	36 303,898	756 240,673	20,831	20,368	83	98	1 598	137,412	329,216	2,396	1,933
34	49	96 042	35 155,642	719 936,776	20,479	20,015	84	99	1 011	84,435	191,804	2,272	1,808
35	50	95 764	34 032,765	684 781,134	20,121	19,658	85	100	614	49,792	107,369	2,156	1,693
36	51	95 457	32 935,789	650 748,369	19,758	19,295							
37	52	95 132	31 867,751	617 812,580	19,387	18,924							
38	53	94 775	30 823,362	585 944,830	19,010	18,547							
39	54	94 385	29 802,524	555 121,468	18,627	18,163							
40	55	93 974	28 808,442	525 318,944	18,235	17,772							
41	56	93 508	27 830,745	496 510,502	17,840	17,377							
42	57	93 015	26 877,673	468 679,757	17,438	16,974							
43	58	92 482	25 945,246	441 802,084	17,028	16,565							
44	59	91 884	25 026,483	415 856,838	16,617	16,153							
45	60	91 250	24 129,994	390 830,355	16,197	15,734							
46	61	90 532	23 242,918	366 700,361	15,777	15,314							
47	62	89 770	22 375,839	343 457,443	15,349	14,886							
48	63	88 930	21 521,024	321 081,604	14,919	14,456							
49	64	88 025	20 681,568	299 560,580	14,484	14,021							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 851 002,669	28,650	28,186	50	66	86 377	19 703,311	269 872,626	13,697	13,234
1	17	99 092	96 206,088	2 751 490,254	28,600	28,137	51	67	85 301	18 891,142	250 169,314	13,243	12,779
2	18	99 040	93 354,334	2 655 284,166	28,443	27,980	52	68	84 126	18 088,225	231 278,173	12,786	12,323
3	19	98 999	90 598,035	2 561 929,833	28,278	27,815	53	69	82 864	17 297,907	213 189,948	12,325	11,861
4	20	98 963	87 927,063	2 471 331,797	28,107	27,643	54	70	81 485	16 514,596	195 892,041	11,862	11,399
5	21	98 928	85 335,772	2 383 404,734	27,930	27,467	55	71	79 996	15 740,498	179 377,445	11,396	10,933
6	22	98 895	82 822,772	2 298 068,962	27,747	27,284	56	72	78 384	14 974,112	163 636,948	10,928	10,465
7	23	98 862	80 383,505	2 215 246,191	27,558	27,095	57	73	76 596	14 206,376	148 662,836	10,465	10,001
8	24	98 830	78 016,941	2 134 862,686	27,364	26,901	58	74	74 669	13 445,552	134 456,460	10,000	9,537
9	25	98 798	75 720,101	2 056 845,745	27,164	26,701	59	75	72 578	12 688,479	121 010,909	9,537	9,074
10	26	98 767	73 491,970	1 981 125,644	26,957	26,494	60	76	70 280	11 928,839	108 322,429	9,081	8,617
11	27	98 732	71 325,987	1 907 633,675	26,745	26,282	61	77	67 772	11 168,149	96 393,591	8,631	8,168
12	28	98 697	69 223,924	1 836 307,688	26,527	26,064	62	78	65 070	10 410,548	85 225,441	8,186	7,723
13	29	98 661	67 183,211	1 767 083,764	26,302	25,839	63	79	62 133	9 651,051	74 814,893	7,752	7,289
14	30	98 625	65 202,618	1 699 900,553	26,071	25,608	64	80	59 014	8 899,664	65 163,842	7,322	6,859
15	31	98 581	63 275,703	1 634 697,934	25,835	25,371	65	81	55 643	8 146,887	56 264,178	6,906	6,443
16	32	98 530	61 400,426	1 571 422,232	25,593	25,130	66	82	52 065	7 400,927	48 117,291	6,502	6,038
17	33	98 466	59 573,748	1 510 021,805	25,347	24,884	67	83	48 285	6 663,780	40 716,364	6,110	5,647
18	34	98 397	57 797,923	1 450 448,058	25,095	24,632	68	84	44 335	5 940,366	34 052,585	5,732	5,269
19	35	98 303	56 060,544	1 392 650,135	24,842	24,379	69	85	40 248	5 235,688	28 112,219	5,369	4,906
20	36	98 207	54 374,850	1 336 589,591	24,581	24,118	70	86	36 019	4 549,107	22 876,531	5,029	4,566
21	37	98 103	52 734,977	1 282 214,741	24,314	23,851	71	87	31 770	3 895,636	18 327,424	4,705	4,241
22	38	97 996	51 143,183	1 229 479,764	24,040	23,577	72	88	27 401	3 261,997	14 431,787	4,424	3,961
23	39	97 883	49 596,380	1 178 336,581	23,759	23,295	73	89	23 266	2 689,078	11 169,790	4,154	3,691
24	40	97 760	48 091,461	1 128 740,200	23,471	23,007	74	90	19 372	2 173,856	8 480,712	3,901	3,438
25	41	97 634	46 630,578	1 080 648,739	23,175	22,711	75	91	15 906	1 732,874	6 306,856	3,640	3,176
26	42	97 495	45 207,976	1 034 018,161	22,872	22,409	76	92	12 630	1 335,850	4 573,981	3,424	2,961
27	43	97 343	43 822,941	988 810,185	22,564	22,101	77	93	9 790	1 005,390	3 238,131	3,221	2,758
28	44	97 179	42 474,734	944 987,244	22,248	21,785	78	94	7 379	735,692	2 232,741	3,035	2,572
29	45	97 009	41 165,448	902 512,510	21,924	21,461	79	95	5 398	522,494	1 497,049	2,865	2,402
30	46	96 816	39 886,719	861 347,063	21,595	21,132	80	96	3 831	360,053	974,555	2,707	2,243
31	47	96 601	38 639,226	821 460,344	21,260	20,797	81	97	2 628	239,813	614,502	2,562	2,099
32	48	96 362	37 420,951	782 821,118	20,919	20,456	82	98	1 741	154,234	374,689	2,429	1,966
33	49	96 112	36 236,628	745 400,167	20,570	20,107	83	99	1 112	95,600	220,455	2,306	1,843
34	50	95 841	35 082,094	709 163,539	20,214	19,751	84	100	683	57,002	124,854	2,190	1,727
35	51	95 540	33 953,249	674 081,446	19,853	19,390							
36	52	95 219	32 853,752	640 128,196	19,484	19,021							
37	53	94 869	31 779,450	607 274,444	19,109	18,646							
38	54	94 487	30 729,684	575 494,994	18,728	18,264							
39	55	94 085	29 707,568	544 765,310	18,338	17,874							
40	56	93 636	28 704,803	515 057,741	17,943	17,480							
41	57	93 154	27 725,186	486 352,939	17,542	17,079							
42	58	92 632	26 766,768	458 627,753	17,134	16,671							
43	59	92 061	25 826,945	431 860,985	16,721	16,258							
44	60	91 444	24 906,898	406 034,040	16,302	15,839							
45	61	90 751	23 998,054	381 127,142	15,882	15,418							
46	62	90 017	23 110,771	357 129,088	15,453	14,990							
47	63	89 206	22 235,435	334 018,317	15,022	14,559							
48	64	88 337	21 377,508	311 782,881	14,585	14,121							
49	65	87 392	20 532,747	290 405,373	14,144	13,680							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 838 727,878	28,531	28,068	50	67	85 667	19 541,355	260 547,253	13,333	12,870
1	18	99 075	96 189,201	2 739 231,462	28,478	28,014	51	68	84 532	18 720,751	241 005,898	12,874	12,411
2	19	99 018	93 333,941	2 643 042,261	28,318	27,855	52	69	83 302	17 911,048	222 285,147	12,411	11,947
3	20	98 978	90 578,552	2 549 708,320	28,149	27,686	53	70	81 955	17 108,189	204 374,099	11,946	11,483
4	21	98 942	87 908,512	2 459 129,768	27,974	27,511	54	71	80 511	16 317,276	187 265,910	11,477	11,013
5	22	98 906	85 317,327	2 371 221,256	27,793	27,330	55	72	78 928	15 530,472	170 948,634	11,007	10,544
6	23	98 872	82 803,739	2 285 903,930	27,606	27,143	56	73	77 171	14 742,385	155 418,162	10,542	10,079
7	24	98 839	80 365,221	2 203 100,191	27,414	26,950	57	74	75 268	13 960,102	140 675,777	10,077	9,614
8	25	98 807	77 999,203	2 122 734,969	27,215	26,752	58	75	73 226	13 185,729	126 715,674	9,610	9,147
9	26	98 776	75 703,228	2 044 735,766	27,010	26,547	59	76	70 961	12 405,765	113 529,946	9,151	8,688
10	27	98 741	73 472,336	1 969 032,539	26,800	26,336	60	77	68 499	11 626,470	101 124,180	8,698	8,235
11	28	98 706	71 307,575	1 895 560,203	26,583	26,120	61	78	65 810	10 844,783	89 497,710	8,253	7,789
12	29	98 671	69 205,944	1 824 252,628	26,360	25,897	62	79	62 906	10 064,313	78 652,926	7,815	7,352
13	30	98 633	67 164,577	1 755 046,684	26,131	25,667	63	80	59 800	9 288,648	68 588,613	7,384	6,921
14	31	98 598	65 184,724	1 687 882,107	25,894	25,431	64	81	56 454	8 513,657	59 299,966	6,965	6,502
15	32	98 549	63 255,073	1 622 697,382	25,653	25,190	65	82	52 889	7 743,650	50 786,308	6,558	6,095
16	33	98 496	61 379,161	1 559 442,309	25,407	24,943	66	83	49 104	6 980,053	43 042,658	6,167	5,703
17	34	98 431	59 552,194	1 498 063,149	25,155	24,692	67	84	45 149	6 230,907	36 062,606	5,788	5,324
18	35	98 357	57 774,467	1 438 510,954	24,899	24,436	68	85	41 055	5 500,863	29 831,699	5,423	4,960
19	36	98 261	56 036,653	1 380 736,487	24,640	24,177	69	86	36 815	4 789,108	24 330,836	5,080	4,617
20	37	98 161	54 349,494	1 324 699,834	24,374	23,911	70	87	32 538	4 109,443	19 541,728	4,755	4,292
21	38	98 051	52 707,202	1 270 350,339	24,102	23,639	71	88	28 127	3 448,957	15 432,286	4,474	4,011
22	39	97 938	51 113,031	1 217 643,138	23,823	23,359	72	89	23 963	2 852,740	11 983,329	4,201	3,737
23	40	97 814	49 561,501	1 166 530,107	23,537	23,074	73	90	20 014	2 313,229	9 130,589	3,947	3,484
24	41	97 690	48 057,182	1 116 968,606	23,242	22,779	74	91	16 502	1 851,698	6 817,359	3,682	3,218
25	42	97 553	46 591,829	1 068 911,424	22,942	22,479	75	92	13 152	1 432,837	4 965,661	3,466	3,002
26	43	97 403	45 165,212	1 022 319,595	22,635	22,172	76	93	10 243	1 083,397	3 532,824	3,261	2,798
27	44	97 241	43 776,683	977 154,383	22,321	21,858	77	94	7 765	797,392	2 449,427	3,072	2,609
28	45	97 069	42 426,702	933 377,699	22,000	21,537	78	95	5 716	569,873	1 652,035	2,899	2,436
29	46	96 878	41 109,769	890 950,997	21,672	21,209	79	96	4 078	394,771	1 082,162	2,741	2,278
30	47	96 665	39 824,858	849 841,228	21,339	20,876	80	97	2 820	265,002	687,391	2,594	2,131
31	48	96 434	38 572,171	810 016,370	21,000	20,537	81	98	1 882	171,717	422,389	2,460	1,997
32	49	96 183	37 351,612	771 444,200	20,654	20,190	82	99	1 211	107,304	250,672	2,336	1,873
33	50	95 911	36 160,818	734 092,588	20,301	19,838	83	100	750	64,539	143,368	2,221	1,758
34	51	95 617	35 000,126	697 931,770	19,941	19,478							
35	52	95 302	33 868,679	662 931,645	19,574	19,110							
36	53	94 955	32 762,720	629 062,966	19,201	18,737							
37	54	94 581	31 682,867	596 300,246	18,821	18,358							
38	55	94 186	30 631,775	564 617,379	18,432	17,969							
39	56	93 746	29 600,694	533 985,604	18,040	17,576							
40	57	93 281	28 595,929	504 384,910	17,638	17,175							
41	58	92 769	27 610,784	475 788,982	17,232	16,769							
42	59	92 209	26 644,721	448 178,197	16,821	16,357							
43	60	91 621	25 703,535	421 533,477	16,400	15,937							
44	61	90 944	24 770,710	395 829,942	15,980	15,517							
45	62	90 235	23 861,614	371 059,232	15,550	15,087							
46	63	89 453	22 965,756	347 197,618	15,118	14,655							
47	64	88 611	22 087,155	324 231,862	14,680	14,216							
48	65	87 702	21 223,680	302 144,706	14,236	13,773							
49	66	86 715	20 373,774	280 921,027	13,788	13,325							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 825 896,804	28,407	27,944	50	68	84 895	19 365,099	250 909,273	12,957	12,494
1	19	99 053	96 168,189	2 726 417,853	28,351	27,887	51	69	83 704	18 537,378	231 544,174	12,491	12,027
2	20	98 997	93 313,870	2 630 249,664	28,187	27,724	52	70	82 389	17 714,606	213 006,796	12,024	11,561
3	21	98 957	90 559,441	2 536 935,794	28,014	27,551	53	71	80 976	16 903,777	195 292,190	11,553	11,090
4	22	98 920	87 889,511	2 446 376,353	27,835	27,371	54	72	79 437	16 099,554	178 388,413	11,080	10,617
5	23	98 883	85 297,721	2 358 486,843	27,650	27,187	55	73	77 707	15 290,136	162 288,858	10,614	10,151
6	24	98 850	82 784,905	2 273 189,122	27,459	26,996	56	74	75 833	14 486,820	146 998,722	10,147	9,684
7	25	98 817	80 346,950	2 190 404,217	27,262	26,799	57	75	73 814	13 690,336	132 511,902	9,679	9,216
8	26	98 785	77 981,822	2 110 057,267	27,058	26,595	58	76	71 594	12 891,935	118 821,566	9,217	8,754
9	27	98 749	75 683,003	2 032 075,445	26,850	26,387	59	77	69 162	12 091,308	105 929,631	8,761	8,298
10	28	98 715	73 453,370	1 956 392,442	26,634	26,171	60	78	66 515	11 289,834	93 838,323	8,312	7,849
11	29	98 681	71 289,054	1 882 939,072	26,413	25,950	61	79	63 621	10 484,106	82 548,488	7,874	7,410
12	30	98 644	69 186,749	1 811 650,018	26,185	25,722	62	80	60 544	9 686,392	72 064,382	7,440	6,977
13	31	98 606	67 146,144	1 742 463,269	25,950	25,487	63	81	57 206	8 885,769	62 377,990	7,020	6,557
14	32	98 566	65 163,472	1 675 317,124	25,709	25,246	64	82	53 660	8 092,267	53 492,221	6,610	6,147
15	33	98 515	63 233,165	1 610 153,652	25,464	25,001	65	83	49 881	7 303,286	45 399,953	6,216	5,753
16	34	98 460	61 356,954	1 546 920,487	25,212	24,749	66	84	45 914	6 526,635	38 096,668	5,837	5,374
17	35	98 391	59 528,027	1 485 563,533	24,956	24,492	67	85	41 808	5 769,908	31 570,033	5,471	5,008
18	36	98 315	57 749,846	1 426 035,506	24,693	24,230	68	86	37 553	5 031,665	25 800,125	5,128	4,664
19	37	98 215	56 010,522	1 368 285,660	24,429	23,966	69	87	33 257	4 326,247	20 768,460	4,801	4,337
20	38	98 110	54 320,869	1 312 275,137	24,158	23,695	70	88	28 807	3 638,248	16 442,213	4,519	4,056
21	39	97 993	52 676,127	1 257 954,269	23,881	23,418	71	89	24 599	3 016,243	12 803,966	4,245	3,782
22	40	97 869	51 077,085	1 205 278,142	23,597	23,134	72	90	20 614	2 454,016	9 787,722	3,988	3,525
23	41	97 744	49 526,174	1 154 201,057	23,305	22,842	73	91	17 048	1 970,417	7 333,706	3,722	3,259
24	42	97 609	48 017,247	1 104 674,883	23,006	22,543	74	92	13 644	1 531,087	5 363,289	3,503	3,040
25	43	97 461	46 547,756	1 056 657,635	22,701	22,237	75	93	10 666	1 162,055	3 832,202	3,298	2,835
26	44	97 300	45 117,538	1 010 109,880	22,388	21,925	76	94	8 124	859,261	2 670,147	3,107	2,644
27	45	97 131	43 727,180	964 992,342	22,068	21,605	77	95	6 015	617,666	1 810,887	2,932	2,469
28	46	96 938	42 369,318	921 265,162	21,744	21,280	78	96	4 319	430,569	1 193,220	2,771	2,308
29	47	96 728	41 046,011	878 895,844	21,412	20,949	79	97	3 002	290,555	762,651	2,625	2,162
30	48	96 498	39 755,745	837 849,834	21,075	20,612	80	98	2 019	189,754	472,096	2,488	2,025
31	49	96 255	38 500,698	798 094,088	20,729	20,266	81	99	1 309	119,467	282,343	2,363	1,900
32	50	95 982	37 273,469	759 593,390	20,379	19,916	82	100	818	72,440	162,876	2,248	1,785
33	51	95 687	36 076,330	722 319,921	20,022	19,559							
34	52	95 379	34 912,948	686 243,591	19,656	19,193							
35	53	95 038	33 774,834	651 330,644	19,284	18,821							
36	54	94 667	32 663,148	617 555,809	18,907	18,444							
37	55	94 279	31 581,920	584 892,661	18,520	18,057							
38	56	93 847	30 521,576	553 310,741	18,129	17,665							
39	57	93 391	29 488,422	522 789,165	17,729	17,265							
40	58	92 896	28 477,934	493 300,743	17,322	16,859							
41	59	92 346	27 484,889	464 822,809	16,912	16,449							
42	60	91 769	26 517,403	437 337,921	16,492	16,029							
43	61	91 120	25 562,991	410 820,518	16,071	15,608							
44	62	90 427	24 629,877	385 257,526	15,642	15,179							
45	63	89 669	23 711,887	360 627,650	15,209	14,746							
46	64	88 856	22 812,606	336 915,762	14,769	14,306							
47	65	87 974	21 928,220	314 103,156	14,324	13,861							
48	66	87 023	21 059,357	292 174,936	13,874	13,411							
49	67	86 002	20 206,306	271 115,579	13,417	12,954							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 812 501,525	28,279	27,815	50	69	84 063	19 175,415	240 971,682	12,567	12,103
1	20	99 032	96 147,508	2 713 044,304	28,218	27,754	51	70	82 786	18 334,066	221 796,266	12,097	11,634
2	21	98 976	93 294,181	2 616 896,796	28,050	27,587	52	71	81 404	17 502,948	203 462,200	11,624	11,161
3	22	98 935	90 539,867	2 523 602,615	27,873	27,410	53	72	79 896	16 678,230	185 959,252	11,150	10,687
4	23	98 898	87 869,314	2 433 062,748	27,690	27,226	54	73	78 208	15 850,411	169 281,022	10,680	10,217
5	24	98 861	85 278,320	2 345 193,434	27,500	27,037	55	74	76 360	15 025,075	153 430,610	10,212	9,748
6	25	98 827	82 766,084	2 259 915,115	27,305	26,842	56	75	74 367	14 206,876	138 405,535	9,742	9,279
7	26	98 795	80 329,045	2 177 149,031	27,103	26,640	57	76	72 169	13 385,300	124 198,660	9,279	8,816
8	27	98 759	77 960,988	2 096 819,986	26,896	26,433	58	77	69 779	12 565,155	110 813,360	8,819	8,356
9	28	98 724	75 663,467	2 018 858,998	26,682	26,219	59	78	67 160	11 741,213	98 248,205	8,368	7,905
10	29	98 690	73 434,292	1 943 195,531	26,462	25,998	60	79	64 303	10 914,356	86 506,992	7,926	7,463
11	30	98 653	71 269,281	1 869 761,239	26,235	25,772	61	80	61 232	10 090,422	75 592,636	7,492	7,028
12	31	98 617	69 167,762	1 798 491,958	26,002	25,539	62	81	57 918	9 266,262	65 502,215	7,069	6,606
13	32	98 574	67 124,253	1 729 324,196	25,763	25,300	63	82	54 374	8 445,961	56 235,953	6,658	6,195
14	33	98 531	65 140,903	1 662 199,943	25,517	25,054	64	83	50 609	7 632,078	47 789,991	6,262	5,799
15	34	98 480	63 210,288	1 597 059,040	25,266	24,803	65	84	46 641	6 828,871	40 157,914	5,881	5,417
16	35	98 420	61 332,054	1 533 848,752	25,009	24,546	66	85	42 517	6 043,756	33 329,043	5,515	5,051
17	36	98 349	59 502,659	1 472 516,698	24,747	24,284	67	86	38 242	5 277,761	27 285,287	5,170	4,707
18	37	98 269	57 722,917	1 413 014,039	24,479	24,016	68	87	33 923	4 545,362	22 007,525	4,842	4,379
19	38	98 163	55 981,022	1 355 291,122	24,210	23,747	69	88	29 443	3 830,193	17 462,164	4,559	4,096
20	39	98 052	54 288,843	1 299 310,101	23,933	23,470	70	89	25 193	3 181,786	13 631,971	4,284	3,821
21	40	97 924	52 639,082	1 245 021,258	23,652	23,189	71	90	21 160	2 594,667	10 450,185	4,028	3,564
22	41	97 799	51 040,678	1 192 382,176	23,361	22,898	72	91	17 559	2 090,340	7 855,518	3,758	3,295
23	42	97 663	49 485,019	1 141 341,499	23,064	22,601	73	92	14 096	1 629,250	5 765,179	3,539	3,075
24	43	97 517	47 971,826	1 091 856,480	22,760	22,297	74	93	11 066	1 241,737	4 135,928	3,331	2,868
25	44	97 358	46 498,622	1 043 884,654	22,450	21,987	75	94	8 460	921,646	2 894,191	3,140	2,677
26	45	97 190	45 066,518	997 386,032	22,131	21,668	76	95	6 293	665,590	1 972,546	2,964	2,500
27	46	96 999	43 668,036	952 319,514	21,808	21,345	77	96	4 544	466,679	1 306,955	2,801	2,337
28	47	96 788	42 303,606	908 651,478	21,479	21,016	78	97	3 179	316,903	840,276	2,652	2,188
29	48	96 560	40 974,779	866 347,872	21,143	20,680	79	98	2 149	208,051	523,374	2,516	2,052
30	49	96 319	39 682,079	825 373,093	20,800	20,336	80	99	1 405	132,015	315,323	2,389	1,925
31	50	96 053	38 420,152	785 691,013	20,450	19,987	81	100	884	80,652	183,308	2,273	1,810
32	51	95 758	37 186,381	747 270,862	20,095	19,632							
33	52	95 448	35 986,471	710 084,480	19,732	19,269							
34	53	95 115	34 816,210	674 098,009	19,362	18,898							
35	54	94 749	33 672,186	639 281,799	18,985	18,522							
36	55	94 365	32 559,078	605 609,613	18,600	18,137							
37	56	93 940	31 468,303	573 050,535	18,210	17,747							
38	57	93 491	30 405,811	541 582,232	17,812	17,349							
39	58	93 005	29 366,745	511 176,421	17,407	16,943							
40	59	92 473	28 348,085	481 809,676	16,996	16,533							
41	60	91 905	27 353,556	453 461,592	16,578	16,115							
42	61	91 267	26 372,409	426 108,035	16,157	15,694							
43	62	90 602	25 417,654	399 735,626	15,727	15,263							
44	63	89 860	24 475,330	374 317,973	15,294	14,830							
45	64	89 071	23 553,761	349 842,643	14,853	14,390							
46	65	88 217	22 648,451	326 288,882	14,407	13,943							
47	66	87 293	21 758,443	303 640,431	13,955	13,492							
48	67	86 307	20 886,254	281 881,988	13,496	13,033							
49	68	85 227	20 024,053	260 995,734	13,034	12,571							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 798 536,799	28,144	27,681	50	70	83 141	18 965,106	230 747,013	12,167	11,704
1	21	99 011	96 127,222	2 699 100,966	28,078	27,615	51	71	81 797	18 115,007	211 781,907	11,691	11,228
2	22	98 954	93 274,016	2 602 973,744	27,907	27,444	52	72	80 318	17 269,406	193 666,900	11,214	10,751
3	23	98 913	90 519,061	2 509 699,728	27,726	27,262	53	73	78 659	16 420,132	176 397,493	10,743	10,280
4	24	98 875	87 849,328	2 419 180,667	27,538	27,075	54	74	76 852	15 575,638	159 977,361	10,271	9,808
5	25	98 838	85 258,931	2 331 331,340	27,344	26,881	55	75	74 884	14 734,729	144 401,723	9,800	9,337
6	26	98 805	82 747,640	2 246 072,408	27,144	26,680	56	76	72 711	13 890,330	129 666,994	9,335	8,872
7	27	98 768	80 307,584	2 163 324,768	26,938	26,475	57	77	70 340	13 046,013	115 776,664	8,874	8,411
8	28	98 733	77 940,864	2 083 017,184	26,726	26,262	58	78	67 759	12 201,340	102 730,650	8,420	7,956
9	29	98 698	75 643,814	2 005 076,320	26,507	26,044	59	79	64 926	11 350,722	90 529,311	7,976	7,512
10	30	98 662	73 413,924	1 929 432,506	26,282	25,818	60	80	61 888	10 504,515	79 178,588	7,538	7,074
11	31	98 626	71 249,722	1 856 018,582	26,049	25,586	61	81	58 576	9 652,768	68 674,073	7,114	6,651
12	32	98 585	69 145,211	1 784 768,860	25,812	25,349	62	82	55 051	8 807,621	59 021,306	6,701	6,238
13	33	98 540	67 101,005	1 715 623,649	25,568	25,105	63	83	51 282	7 965,658	50 213,684	6,304	5,841
14	34	98 496	65 117,336	1 648 522,643	25,316	24,853	64	84	47 321	7 136,305	42 248,026	5,920	5,457
15	35	98 440	63 184,636	1 583 405,308	25,060	24,597	65	85	43 190	6 323,631	35 111,722	5,552	5,089
16	36	98 378	61 305,917	1 520 220,671	24,797	24,334	66	86	38 891	5 528,252	28 788,090	5,207	4,744
17	37	98 303	59 474,912	1 458 914,754	24,530	24,067	67	87	34 546	4 767,673	23 259,839	4,879	4,415
18	38	98 218	57 692,514	1 399 439,843	24,257	23,794	68	88	30 034	4 024,183	18 492,166	4,595	4,132
19	39	98 105	55 948,017	1 341 747,329	23,982	23,519	69	89	25 749	3 349,649	14 467,982	4,319	3,856
20	40	97 983	54 250,663	1 285 799,312	23,701	23,238	70	90	21 672	2 737,071	11 118,333	4,062	3,599
21	41	97 854	52 601,561	1 231 548,648	23,413	22,950	71	91	18 025	2 210,146	8 381,262	3,792	3,329
22	42	97 718	50 998,264	1 178 947,087	23,117	22,654	72	92	14 519	1 728,409	6 171,116	3,570	3,107
23	43	97 571	49 438,209	1 127 948,823	22,815	22,352	73	93	11 432	1 321,349	4 442,706	3,362	2,899
24	44	97 414	47 921,189	1 078 510,615	22,506	22,043	74	94	8 777	984,843	3 121,357	3,169	2,706
25	45	97 248	46 446,040	1 030 589,425	22,189	21,726	75	95	6 553	713,914	2 136,514	2,993	2,529
26	46	97 059	45 005,563	984 143,385	21,867	21,404	76	96	4 754	502,888	1 422,600	2,829	2,366
27	47	96 849	43 600,310	939 137,822	21,540	21,076	77	97	3 345	343,480	919,712	2,678	2,214
28	48	96 620	42 230,192	895 537,512	21,206	20,743	78	98	2 276	226,917	576,232	2,539	2,076
29	49	96 381	40 898,854	853 307,320	20,864	20,401	79	99	1 495	144,745	349,315	2,413	1,950
30	50	96 117	39 599,062	812 408,466	20,516	20,053	80	100	948	89,123	204,570	2,295	1,832
31	51	95 829	38 330,384	772 809,404	20,162	19,699							
32	52	95 519	37 093,758	734 479,020	19,801	19,337							
33	53	95 184	35 886,759	697 385,262	19,433	18,970							
34	54	94 826	34 710,397	661 498,503	19,058	18,594							
35	55	94 447	33 564,902	626 788,106	18,674	18,211							
36	56	94 026	32 441,946	593 223,205	18,286	17,822							
37	57	93 584	31 348,947	560 781,259	17,888	17,425							
38	58	93 106	30 280,348	529 432,311	17,484	17,021							
39	59	92 581	29 232,843	499 151,964	17,075	16,612							
40	60	92 031	28 212,628	469 919,121	16,656	16,193							
41	61	91 403	27 203,990	441 706,494	16,237	15,774							
42	62	90 748	26 222,470	414 502,503	15,807	15,344							
43	63	90 033	25 258,163	388 280,034	15,372	14,909							
44	64	89 261	24 312,113	363 021,870	14,932	14,469							
45	65	88 430	23 384,273	338 709,758	14,485	14,021							
46	66	87 534	22 473,097	315 325,485	14,031	13,568							
47	67	86 575	21 579,593	292 852,388	13,571	13,108							
48	68	85 529	20 697,868	271 272,794	13,106	12,643							
49	69	84 392	19 827,914	250 574,927	12,637	12,174							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 783 992,442	28,004	27,541	50	71	82 148	18 738,507	220 255,607	11,754	11,291
1	22	98 990	96 106,444	2 684 577,589	27,933	27,470	51	72	80 706	17 873,299	201 517,100	11,275	10,812
2	23	98 932	93 252,582	2 588 471,145	27,758	27,294	52	73	79 075	17 002,160	183 643,802	10,801	10,338
3	24	98 890	90 498,472	2 495 218,563	27,572	27,109	53	74	77 296	16 135,482	166 641,642	10,328	9,864
4	25	98 853	87 829,355	2 404 720,091	27,379	26,916	54	75	75 367	15 274,653	150 506,160	9,853	9,390
5	26	98 816	85 239,932	2 316 890,736	27,181	26,718	55	76	73 216	14 406,423	135 231,506	9,387	8,924
6	27	98 779	82 725,533	2 231 650,804	26,977	26,513	56	77	70 867	13 538,242	120 825,084	8,925	8,462
7	28	98 743	80 286,855	2 148 925,271	26,766	26,302	57	78	68 303	12 668,276	107 286,841	8,469	8,006
8	29	98 708	77 920,620	2 068 638,416	26,548	26,085	58	79	65 505	11 795,546	94 618,566	8,022	7,558
9	30	98 671	75 622,834	1 990 717,796	26,324	25,861	59	80	62 488	10 924,495	82 823,020	7,581	7,118
10	31	98 635	73 393,776	1 915 094,963	26,093	25,630	60	81	59 204	10 048,900	71 898,524	7,155	6,692
11	32	98 594	71 226,493	1 841 701,186	25,857	25,394	61	82	55 677	9 174,997	61 849,624	6,741	6,278
12	33	98 550	69 121,263	1 770 474,694	25,614	25,151	62	83	51 921	8 306,751	52 674,627	6,341	5,878
13	34	98 504	67 076,728	1 701 353,430	25,364	24,901	63	84	47 951	7 448,216	44 367,876	5,957	5,494
14	35	98 456	65 090,910	1 634 276,702	25,108	24,644	64	85	43 820	6 608,320	36 919,660	5,587	5,124
15	36	98 398	63 157,710	1 569 185,792	24,846	24,382	65	86	39 506	5 784,254	30 311,340	5,240	4,777
16	37	98 332	61 277,329	1 506 028,082	24,577	24,114	66	87	35 132	4 993,954	24 527,086	4,911	4,448
17	38	98 251	59 443,586	1 444 750,753	24,305	23,841	67	88	30 585	4 221,004	19 533,132	4,628	4,164
18	39	98 160	57 658,500	1 385 307,167	24,026	23,563	68	89	26 266	3 519,301	15 312,128	4,351	3,888
19	40	98 036	55 908,671	1 327 648,667	23,747	23,284	69	90	22 150	2 881,473	11 792,827	4,093	3,629
20	41	97 913	54 211,994	1 271 739,996	23,459	22,995	70	91	18 460	2 331,447	8 911,354	3,822	3,359
21	42	97 773	52 557,850	1 217 528,002	23,165	22,702	71	92	14 904	1 827,472	6 579,907	3,601	3,137
22	43	97 626	50 950,022	1 164 970,152	22,865	22,402	72	93	11 775	1 401,769	4 752,435	3,390	2,927
23	44	97 468	49 386,024	1 114 020,129	22,557	22,094	73	94	9 067	1 047,985	3 350,666	3,197	2,734
24	45	97 304	47 866,999	1 064 634,105	22,242	21,778	74	95	6 798	762,867	2 302,681	3,018	2,555
25	46	97 116	46 383,219	1 016 767,106	21,921	21,458	75	96	4 951	539,399	1 539,814	2,855	2,391
26	47	96 908	44 935,763	970 383,887	21,595	21,132	76	97	3 499	370,130	1 000,415	2,703	2,240
27	48	96 681	43 524,646	925 448,124	21,263	20,799	77	98	2 395	245,947	630,284	2,563	2,099
28	49	96 441	42 151,941	881 923,479	20,922	20,459	78	99	1 583	157,870	384,337	2,435	1,971
29	50	96 179	40 813,291	839 771,538	20,576	20,113	79	100	1 010	97,717	226,467	2,318	1,854
30	51	95 893	39 506,540	798 958,247	20,223	19,760							
31	52	95 590	38 234,912	759 451,707	19,863	19,400							
32	53	95 255	36 990,977	721 216,795	19,497	19,034							
33	54	94 894	35 777,692	684 225,818	19,124	18,661							
34	55	94 523	34 599,804	648 448,126	18,741	18,278							
35	56	94 107	33 444,151	613 848,322	18,354	17,891							
36	57	93 669	32 318,897	580 404,171	17,959	17,495							
37	58	93 198	31 219,593	548 085,274	17,556	17,093							
38	59	92 681	30 142,280	516 865,681	17,148	16,684							
39	60	92 139	29 093,158	486 723,401	16,730	16,267							
40	61	91 527	28 058,364	457 630,243	16,310	15,847							
41	62	90 883	27 049,323	429 571,879	15,881	15,418							
42	63	90 179	26 057,929	402 522,556	15,447	14,984							
43	64	89 433	25 089,726	376 464,626	15,005	14,542							
44	65	88 618	24 137,167	351 374,900	14,557	14,094							
45	66	87 745	23 203,222	327 237,733	14,103	13,640							
46	67	86 814	22 288,373	304 034,511	13,641	13,178							
47	68	85 794	21 384,953	281 746,138	13,175	12,712							
48	69	84 691	20 495,129	260 361,185	12,704	12,240							
49	70	83 466	19 610,449	239 866,056	12,232	11,768							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 768 857,785	27,858	27,394	50	72	81 052	18 488,479	209 513,878	11,332	10,869
1	23	98 967	96 084,359	2 669 464,421	27,783	27,319	51	73	79 457	17 596,707	191 025,399	10,856	10,393
2	24	98 909	93 231,371	2 573 380,061	27,602	27,139	52	74	77 704	16 707,420	173 428,693	10,380	9,917
3	25	98 868	90 477,897	2 480 148,690	27,412	26,948	53	75	75 802	15 823,679	156 721,272	9,904	9,441
4	26	98 831	87 809,783	2 389 670,793	27,214	26,751	54	76	73 688	14 934,316	140 897,593	9,434	8,971
5	27	98 790	85 217,159	2 301 861,011	27,012	26,548	55	77	71 360	14 041,253	125 963,277	8,971	8,508
6	28	98 753	82 704,179	2 216 643,851	26,802	26,339	56	78	68 816	13 146,252	111 922,024	8,514	8,050
7	29	98 717	80 266,001	2 133 939,672	26,586	26,123	57	79	66 031	12 246,953	98 775,771	8,065	7,602
8	30	98 680	77 899,008	2 053 673,671	26,363	25,900	58	80	63 046	11 352,616	86 528,819	7,622	7,159
9	31	98 644	75 602,080	1 975 774,663	26,134	25,671	59	81	59 778	10 450,665	75 176,203	7,193	6,730
10	32	98 603	73 369,848	1 900 172,583	25,899	25,435	60	82	56 274	9 551,522	64 725,538	6,776	6,313
11	33	98 560	71 201,824	1 826 802,735	25,657	25,193	61	83	52 511	8 653,235	55 174,015	6,376	5,913
12	34	98 515	69 096,256	1 755 600,911	25,408	24,945	62	84	48 548	7 767,152	46 520,781	5,989	5,526
13	35	98 464	67 049,507	1 686 504,655	25,153	24,690	63	85	44 403	6 897,154	38 753,629	5,619	5,156
14	36	98 414	65 063,171	1 619 455,148	24,891	24,427	64	86	40 082	6 044,660	31 856,475	5,270	4,807
15	37	98 352	63 128,258	1 554 391,977	24,623	24,160	65	87	35 688	5 225,214	25 811,815	4,940	4,477
16	38	98 280	61 245,055	1 491 263,719	24,349	23,886	66	88	31 104	4 421,340	20 586,600	4,656	4,193
17	39	98 193	59 408,540	1 430 018,664	24,071	23,608	67	89	26 748	3 691,429	16 165,261	4,379	3,916
18	40	98 091	57 617,951	1 370 610,124	23,788	23,325	68	90	22 595	3 027,413	12 473,832	4,120	3,657
19	41	97 966	55 868,820	1 312 992,173	23,501	23,038	69	91	18 868	2 454,448	9 446,419	3,849	3,385
20	42	97 832	54 166,945	1 257 123,353	23,208	22,745	70	92	15 264	1 927,770	6 991,971	3,627	3,164
21	43	97 681	52 508,133	1 202 956,409	22,910	22,447	71	93	12 087	1 482,110	5 064,201	3,417	2,954
22	44	97 522	50 896,242	1 150 448,275	22,604	22,141	72	94	9 339	1 111,767	3 582,090	3,222	2,759
23	45	97 357	49 330,177	1 099 552,033	22,290	21,826	73	95	7 024	811,778	2 470,323	3,043	2,580
24	46	97 172	47 802,255	1 050 221,856	21,970	21,507	74	96	5 137	576,386	1 658,546	2,877	2,414
25	47	96 966	46 311,283	1 002 419,600	21,645	21,182	75	97	3 644	397,003	1 082,160	2,726	2,263
26	48	96 740	44 857,781	956 108,317	21,314	20,851	76	98	2 506	265,030	685,157	2,585	2,122
27	49	96 502	43 443,996	911 250,537	20,975	20,512	77	99	1 666	171,110	420,127	2,455	1,992
28	50	96 239	42 063,756	867 806,541	20,631	20,168	78	100	1 069	106,578	249,017	2,336	1,873
29	51	95 954	40 717,932	825 742,784	20,280	19,816							
30	52	95 654	39 408,138	785 024,852	19,920	19,457							
31	53	95 325	38 128,969	745 616,715	19,555	19,092							
32	54	94 965	36 878,555	707 487,746	19,184	18,721							
33	55	94 592	35 663,699	670 609,191	18,804	18,340							
34	56	94 183	34 475,330	634 945,492	18,417	17,954							
35	57	93 750	33 317,301	600 470,162	18,023	17,560							
36	58	93 283	32 185,540	567 152,861	17,621	17,158							
37	59	92 773	31 077,243	534 967,321	17,214	16,751							
38	60	92 238	29 998,250	503 890,078	16,797	16,334							
39	61	91 635	28 934,080	473 891,828	16,378	15,915							
40	62	91 007	27 898,839	444 957,749	15,949	15,486							
41	63	90 313	26 879,594	417 058,909	15,516	15,053							
42	64	89 577	25 884,159	390 179,315	15,074	14,611							
43	65	88 789	24 909,185	364 295,156	14,625	14,162							
44	66	87 932	23 950,287	339 385,971	14,170	13,707							
45	67	87 024	23 012,497	315 435,685	13,707	13,244							
46	68	86 031	22 087,340	292 423,188	13,239	12,776							
47	69	84 954	21 175,485	270 335,847	12,766	12,303							
48	70	83 762	20 270,345	249 160,362	12,292	11,829							
49	71	82 469	19 376,139	228 890,017	11,813	11,350							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 753 122,632	27,706	27,242	50	73	79 797	18 202,367	198 545,995	10,908	10,444
1	24	98 944	96 062,504	2 653 752,107	27,625	27,162	51	74	78 079	17 291,661	180 343,628	10,430	9,966
2	25	98 887	93 210,175	2 557 689,603	27,440	26,977	52	75	76 203	16 384,565	163 051,968	9,952	9,488
3	26	98 846	90 457,734	2 464 479,428	27,245	26,781	53	76	74 113	15 471,109	146 667,402	9,480	9,017
4	27	98 804	87 786,324	2 374 021,693	27,043	26,580	54	77	71 820	14 555,766	131 196,293	9,013	8,550
5	28	98 765	85 195,162	2 286 235,370	26,835	26,372	55	78	69 294	13 634,699	116 640,527	8,555	8,091
6	29	98 727	82 682,698	2 201 040,208	26,620	26,157	56	79	66 527	12 709,033	103 005,829	8,105	7,642
7	30	98 690	80 243,739	2 118 357,510	26,399	25,936	57	80	63 552	11 787,072	90 296,796	7,661	7,197
8	31	98 653	77 877,629	2 038 113,771	26,171	25,707	58	81	60 311	10 860,217	78 509,724	7,229	6,766
9	32	98 611	75 577,431	1 960 236,142	25,937	25,474	59	82	56 819	9 933,401	67 649,507	6,810	6,347
10	33	98 569	73 344,437	1 884 658,710	25,696	25,233	60	83	53 074	9 008,348	57 716,106	6,407	5,944
11	34	98 524	71 176,064	1 811 314,273	25,448	24,985	61	84	49 100	8 091,128	48 707,758	6,020	5,557
12	35	98 475	69 068,215	1 740 138,210	25,194	24,731	62	85	44 956	7 192,493	40 616,630	5,647	5,184
13	36	98 423	67 020,934	1 671 069,995	24,934	24,470	63	86	40 616	6 308,858	33 424,136	5,298	4,835
14	37	98 368	65 032,831	1 604 049,061	24,665	24,202	64	87	36 209	5 460,452	27 115,278	4,966	4,503
15	38	98 300	63 095,009	1 539 016,230	24,392	23,929	65	88	31 596	4 626,083	21 654,826	4,681	4,218
16	39	98 222	61 208,946	1 475 921,221	24,113	23,650	66	89	27 201	3 866,629	17 028,743	4,404	3,941
17	40	98 124	59 366,760	1 414 712,275	23,830	23,367	67	90	23 009	3 175,482	13 162,113	4,145	3,682
18	41	98 021	57 576,882	1 355 345,515	23,540	23,077	68	91	19 246	2 578,761	9 986,631	3,873	3,409
19	42	97 885	55 822,394	1 297 768,633	23,248	22,785	69	92	15 601	2 029,475	7 407,871	3,650	3,187
20	43	97 739	54 115,706	1 241 946,239	22,950	22,487	70	93	12 379	1 563,454	5 378,396	3,440	2,977
21	44	97 577	52 452,708	1 187 830,533	22,646	22,183	71	94	9 587	1 175,487	3 814,942	3,245	2,782
22	45	97 412	50 838,687	1 135 377,825	22,333	21,870	72	95	7 234	861,184	2 639,455	3,065	2,602
23	46	97 226	49 263,455	1 084 539,137	22,015	21,552	73	96	5 307	613,340	1 778,271	2,899	2,436
24	47	97 021	47 728,118	1 035 275,682	21,691	21,228	74	97	3 781	424,226	1 164,931	2,746	2,283
25	48	96 797	46 230,913	987 547,564	21,361	20,898	75	98	2 609	284,272	740,706	2,606	2,142
26	49	96 561	44 774,661	941 316,651	21,023	20,560	76	99	1 743	184,386	456,434	2,475	2,012
27	50	96 300	43 353,108	896 541,990	20,680	20,217	77	100	1 125	115,516	272,047	2,355	1,892
28	51	96 014	41 965,476	853 188,881	20,331	19,868							
29	52	95 715	40 616,512	811 223,406	19,973	19,510							
30	53	95 389	39 298,944	770 606,893	19,609	19,146							
31	54	95 036	38 013,088	731 307,949	19,238	18,775							
32	55	94 663	36 761,054	693 294,861	18,859	18,396							
33	56	94 252	35 535,398	656 533,807	18,475	18,012							
34	57	93 826	34 344,569	620 998,410	18,081	17,618							
35	58	93 363	33 179,824	586 653,841	17,681	17,218							
36	59	92 857	32 038,786	553 474,016	17,275	16,812							
37	60	92 329	30 928,745	521 435,230	16,859	16,396							
38	61	91 734	29 834,223	490 506,486	16,441	15,978							
39	62	91 114	28 769,576	460 672,263	16,012	15,549							
40	63	90 436	27 723,780	431 902,687	15,579	15,116							
41	64	89 710	26 700,344	404 178,907	15,138	14,674							
42	65	88 933	25 697,901	377 478,562	14,689	14,226							
43	66	88 102	24 716,327	351 780,661	14,233	13,769							
44	67	87 210	23 753,421	327 064,334	13,769	13,306							
45	68	86 239	22 804,933	303 310,913	13,300	12,837							
46	69	85 188	21 870,992	280 505,980	12,825	12,362							
47	70	84 022	20 943,239	258 634,989	12,349	11,886							
48	71	82 761	20 028,151	237 691,749	11,868	11,405							
49	72	81 369	19 117,603	217 663,598	11,386	10,922							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 736 777,196	27,547	27,084	50	74	78 414	17 886,822	187 389,839	10,476	10,013
1	25	98 922	96 040,664	2 637 429,274	27,462	26,998	51	75	76 570	16 957,515	169 503,018	9,996	9,533
2	26	98 865	93 189,404	2 541 388,609	27,271	26,808	52	76	74 505	16 019,498	152 545,502	9,522	9,059
3	27	98 819	90 433,568	2 448 199,206	27,072	26,609	53	77	72 234	15 078,952	136 526,004	9,054	8,591
4	28	98 779	87 763,663	2 357 765,638	26,865	26,402	54	78	69 740	14 134,314	121 447,052	8,592	8,129
5	29	98 739	85 173,034	2 270 001,975	26,652	26,188	55	79	66 989	13 181,235	107 312,738	8,141	7,678
6	30	98 700	82 659,765	2 184 828,941	26,432	25,968	56	80	64 029	12 231,800	94 131,503	7,696	7,232
7	31	98 663	80 221,717	2 102 169,175	26,204	25,741	57	81	60 795	11 275,829	81 899,703	7,263	6,800
8	32	98 621	77 852,239	2 021 947,459	25,972	25,508	58	82	57 326	10 322,682	70 623,874	6,842	6,378
9	33	98 577	75 551,256	1 944 095,220	25,732	25,269	59	83	53 588	9 368,511	60 301,192	6,437	5,973
10	34	98 533	73 317,901	1 868 543,964	25,486	25,022	60	84	49 626	8 423,174	50 932,681	6,047	5,584
11	35	98 484	71 147,179	1 795 226,063	25,233	24,769	61	85	45 467	7 492,500	42 509,507	5,674	5,210
12	36	98 433	69 038,781	1 724 078,884	24,973	24,509	62	86	41 121	6 579,006	35 017,008	5,323	4,859
13	37	98 377	66 989,681	1 655 040,102	24,706	24,243	63	87	36 690	5 699,116	28 438,001	4,990	4,527
14	38	98 316	64 998,578	1 588 050,422	24,432	23,969	64	88	32 057	4 834,348	22 738,885	4,704	4,240
15	39	98 242	63 057,810	1 523 051,843	24,153	23,690	65	89	27 632	4 045,685	17 904,537	4,426	3,962
16	40	98 153	61 165,900	1 459 994,034	23,869	23,406	66	90	23 399	3 326,195	13 858,851	4,167	3,703
17	41	98 054	59 324,444	1 398 828,133	23,579	23,116	67	91	19 599	2 704,887	10 532,656	3,894	3,431
18	42	97 939	57 529,036	1 339 503,689	23,284	22,821	68	92	15 914	2 132,263	7 827,770	3,671	3,208
19	43	97 792	55 769,589	1 281 974,653	22,987	22,524	69	93	12 653	1 645,938	5 695,506	3,460	2,997
20	44	97 636	54 058,584	1 226 205,064	22,683	22,220	70	94	9 818	1 240,002	4 049,568	3,266	2,803
21	45	97 467	52 393,394	1 172 146,480	22,372	21,909	71	95	7 426	910,542	2 809,566	3,086	2,622
22	46	97 280	50 769,925	1 119 753,086	22,055	21,592	72	96	5 466	650,669	1 899,024	2,919	2,455
23	47	97 075	49 187,052	1 068 983,161	21,733	21,270	73	97	3 906	451,424	1 248,356	2,765	2,302
24	48	96 853	47 645,290	1 019 796,109	21,404	20,941	74	98	2 707	303,764	796,932	2,624	2,160
25	49	96 618	46 145,249	972 150,819	21,067	20,604	75	99	1 815	197,774	493,167	2,494	2,030
26	50	96 359	44 680,989	926 005,570	20,725	20,262	76	100	1 177	124,479	295,394	2,373	1,910
27	51	96 075	43 251,815	881 324,581	20,377	19,913							
28	52	95 775	41 860,949	838 072,766	20,020	19,557							
29	53	95 450	40 503,971	796 211,817	19,658	19,194							
30	54	95 099	39 179,507	755 707,846	19,288	18,825							
31	55	94 733	37 891,972	716 528,339	18,910	18,447							
32	56	94 322	36 628,805	678 636,366	18,527	18,064							
33	57	93 894	35 400,616	642 007,561	18,135	17,672							
34	58	93 439	34 202,854	606 606,946	17,736	17,272							
35	59	92 938	33 028,536	572 404,092	17,331	16,867							
36	60	92 414	31 885,693	539 375,556	16,916	16,453							
37	61	91 824	30 759,630	507 489,863	16,499	16,035							
38	62	91 212	29 664,602	476 730,233	16,071	15,607							
39	63	90 542	28 589,053	447 065,631	15,638	15,174							
40	64	89 833	27 538,901	418 476,578	15,196	14,733							
41	65	89 065	26 508,213	390 937,677	14,748	14,285							
42	66	88 244	25 498,937	364 429,464	14,292	13,829							
43	67	87 378	24 513,165	338 930,527	13,826	13,363							
44	68	86 423	23 539,174	314 417,362	13,357	12,894							
45	69	85 394	22 581,555	290 878,188	12,881	12,418							
46	70	84 254	21 631,118	268 296,633	12,403	11,940							
47	71	83 018	20 693,005	246 665,515	11,920	11,457							
48	72	81 657	19 760,915	225 972,510	11,435	10,972							
49	73	80 110	18 821,755	206 211,595	10,956	10,493							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 719 809,592	27,383	26,920	50	75	76 899	17 541,175	176 077,482	10,038	9,575
1	26	98 900	96 019,262	2 620 484,257	27,291	26,828	51	76	74 864	16 579,682	158 536,307	9,562	9,099
2	27	98 838	93 164,507	2 524 464,995	27,097	26,634	52	77	72 616	15 613,441	141 956,624	9,092	8,629
3	28	98 794	90 410,224	2 431 300,487	26,892	26,429	53	78	70 143	14 642,352	126 343,183	8,629	8,165
4	29	98 753	87 740,868	2 340 890,263	26,680	26,216	54	79	67 421	13 664,234	111 700,831	8,175	7,711
5	30	98 712	85 149,410	2 253 149,395	26,461	25,998	55	80	64 474	12 686,271	98 036,598	7,728	7,265
6	31	98 673	82 637,080	2 167 999,985	26,235	25,772	56	81	61 252	11 701,268	85 350,327	7,294	6,831
7	32	98 630	80 195,562	2 085 362,905	26,003	25,540	57	82	57 786	10 717,723	73 649,059	6,872	6,408
8	33	98 587	77 825,276	2 005 167,343	25,765	25,302	58	83	54 066	9 735,654	62 931,336	6,464	6,001
9	34	98 542	75 523,922	1 927 342,067	25,520	25,056	59	84	50 107	8 759,941	53 195,682	6,073	5,609
10	35	98 493	73 288,148	1 851 818,145	25,268	24,804	60	85	45 954	7 799,979	44 435,741	5,697	5,234
11	36	98 442	71 116,859	1 778 529,998	25,009	24,545	61	86	41 589	6 853,424	36 635,763	5,346	4,882
12	37	98 387	69 006,587	1 707 413,138	24,743	24,280	62	87	37 147	5 943,155	29 782,339	5,011	4,548
13	38	98 325	66 954,398	1 638 406,551	24,470	24,007	63	88	32 483	5 045,647	23 839,184	4,725	4,261
14	39	98 258	64 960,257	1 571 452,154	24,191	23,728	64	89	28 035	4 227,821	18 793,538	4,445	3,982
15	40	98 173	63 013,464	1 506 491,897	23,907	23,444	65	90	23 770	3 480,225	14 565,717	4,185	3,722
16	41	98 083	61 122,302	1 443 478,433	23,616	23,153	66	91	19 932	2 833,265	11 085,491	3,913	3,449
17	42	97 973	59 275,147	1 382 356,131	23,321	22,858	67	92	16 206	2 236,551	8 252,227	3,690	3,226
18	43	97 847	57 474,617	1 323 080,984	23,020	22,557	68	93	12 906	1 729,301	6 015,676	3,479	3,015
19	44	97 689	55 710,721	1 265 606,367	22,717	22,254	69	94	10 035	1 305,422	4 286,375	3,284	2,820
20	45	97 525	53 997,453	1 209 895,646	22,407	21,943	70	95	7 605	960,516	2 980,953	3,103	2,640
21	46	97 335	52 322,528	1 155 898,193	22,092	21,629	71	96	5 611	687,961	2 020,437	2,937	2,474
22	47	97 130	50 691,185	1 103 575,664	21,771	21,307	72	97	4 023	478,899	1 332,476	2,782	2,319
23	48	96 906	49 101,692	1 052 884,479	21,443	20,980	73	98	2 797	323,240	853,577	2,641	2,177
24	49	96 674	47 557,005	1 003 782,788	21,107	20,644	74	99	1 883	211,335	530,338	2,509	2,046
25	50	96 416	46 048,710	956 225,782	20,766	20,302	75	100	1 226	133,516	319,003	2,389	1,926
26	51	96 133	44 576,594	910 177,072	20,418	19,955							
27	52	95 835	43 144,084	865 600,479	20,063	19,600							
28	53	95 509	41 744,959	822 456,394	19,702	19,239							
29	54	95 160	40 380,872	780 711,436	19,334	18,870							
30	55	94 796	39 054,675	740 330,564	18,956	18,493							
31	56	94 392	37 755,655	701 275,888	18,574	18,111							
32	57	93 964	36 489,876	663 520,234	18,184	17,720							
33	58	93 507	35 254,543	627 030,358	17,786	17,323							
34	59	93 013	34 046,901	591 775,815	17,381	16,918							
35	60	92 494	32 870,714	557 728,914	16,967	16,504							
36	61	91 908	31 711,346	524 858,200	16,551	16,088							
37	62	91 302	30 584,747	493 146,854	16,124	15,661							
38	63	90 640	29 478,463	462 562,107	15,692	15,228							
39	64	89 939	28 398,403	433 083,644	15,250	14,787							
40	65	89 187	27 340,736	404 685,241	14,802	14,338							
41	66	88 375	26 302,975	377 344,505	14,346	13,883							
42	67	87 519	25 289,342	351 041,530	13,881	13,418							
43	68	86 589	24 292,065	325 752,188	13,410	12,947							
44	69	85 576	23 308,604	301 460,123	12,933	12,470							
45	70	84 458	22 333,888	278 151,518	12,454	11,991							
46	71	83 247	21 372,665	255 817,630	11,969	11,506							
47	72	81 910	20 416,898	234 444,965	11,483	11,020							
48	73	80 393	19 455,112	214 028,067	11,001	10,538							
49	74	78 721	18 495,473	194 572,954	10,520	10,057							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	21 259,144	377 120,663	17,739	17,276
1	0	99 594	96 693,018	2 884 422,598	29,831	29,367	51	50	92 606	20 508,778	355 861,519	17,352	16,888
2	1	99 240	93 543,040	2 787 729,579	29,802	29,338	52	51	91 946	19 769,540	335 352,741	16,963	16,500
3	2	99 192	90 775,187	2 694 186,539	29,680	29,217	53	52	91 234	19 045,222	315 583,201	16,570	16,107
4	3	99 162	88 103,737	2 603 411,351	29,549	29,086	54	53	90 460	18 333,480	296 537,979	16,175	15,711
5	4	99 133	85 513,020	2 515 307,615	29,414	28,951	55	54	89 607	17 631,684	278 204,499	15,779	15,315
6	5	99 110	83 002,795	2 429 794,595	29,274	28,810	56	55	88 705	16 945,885	260 572,815	15,377	14,914
7	6	99 090	80 569,453	2 346 791,800	29,128	28,664	57	56	87 728	16 271,013	243 626,930	14,973	14,510
8	7	99 073	78 208,934	2 266 222,347	28,977	28,513	58	57	86 699	15 611,846	227 355,916	14,563	14,100
9	8	99 055	75 917,361	2 188 013,414	28,821	28,358	59	58	85 578	14 961,115	211 744,070	14,153	13,690
10	9	99 040	73 695,270	2 112 096,053	28,660	28,197	60	59	84 370	14 320,356	196 782,955	13,741	13,278
11	10	99 025	71 537,867	2 038 400,783	28,494	28,031	61	60	83 076	13 690,111	182 462,599	13,328	12,865
12	11	99 008	69 441,892	1 966 862,916	28,324	27,861	62	61	81 693	13 070,087	168 772,488	12,913	12,450
13	12	98 989	67 406,909	1 897 421,024	28,149	27,686	63	62	80 230	12 462,143	155 702,401	12,494	12,031
14	13	98 973	65 432,855	1 830 014,116	27,968	27,505	64	63	78 680	11 865,340	143 240,258	12,072	11,609
15	14	98 947	63 510,319	1 764 581,261	27,784	27,321	65	64	77 032	11 278,460	131 374,918	11,648	11,185
16	15	98 915	61 640,556	1 701 070,942	27,597	27,133	66	65	75 285	10 701,726	120 096,458	11,222	10,759
17	16	98 872	59 819,344	1 639 430,386	27,406	26,943	67	66	73 457	10 137,718	109 394,731	10,791	10,328
18	17	98 823	58 047,869	1 579 611,042	27,212	26,749	68	67	71 540	9 585,562	99 257,014	10,355	9,928
19	18	98 750	56 315,948	1 521 563,173	27,018	26,555	69	68	69 501	9 041,189	89 671,451	9,918	9,455
20	19	98 675	54 633,926	1 465 247,225	26,819	26,356	70	69	67 333	8 503,979	80 630,262	9,481	9,018
21	20	98 595	52 999,559	1 410 613,299	26,616	26,152	71	70	65 024	7 973,118	72 126,283	9,046	8,583
22	21	98 518	51 416,014	1 357 613,741	26,404	25,941	72	71	62 587	7 450,814	64 153,166	8,610	8,147
23	22	98 442	49 879,590	1 306 197,726	26,187	25,724	73	72	59 955	6 929,648	56 702,351	8,183	7,719
24	23	98 365	48 388,993	1 256 318,136	25,963	25,500	74	73	57 135	6 411,356	49 772,704	7,763	7,300
25	24	98 286	46 941,860	1 207 929,143	25,732	25,269	75	74	54 118	5 895,928	43 361,348	7,354	6,891
26	25	98 205	45 537,255	1 160 987,283	25,495	25,032	76	75	50 964	5 390,619	37 465,420	6,950	6,487
27	26	98 123	44 174,081	1 115 450,028	25,251	24,788	77	76	47 628	4 891,022	32 074,801	6,558	6,095
28	27	98 035	42 848,862	1 071 275,947	25,001	24,538	78	77	44 114	4 398,188	27 183,780	6,181	5,717
29	28	97 949	41 564,325	1 028 427,085	24,743	24,280	79	78	40 454	3 915,759	22 785,592	5,819	5,356
30	29	97 861	40 317,278	986 862,760	24,477	24,014	80	79	36 739	3 452,610	18 869,833	5,465	5,002
31	30	97 768	39 106,136	946 545,482	24,205	23,741	81	80	32 958	3 007,106	15 417,222	5,127	4,664
32	31	97 669	37 928,568	907 439,346	23,925	23,462	82	81	29 168	2 583,803	12 410,116	4,803	4,340
33	32	97 564	36 784,365	869 510,778	23,638	23,175	83	82	25 442	2 188,050	9 826,313	4,491	4,028
34	33	97 460	35 674,679	832 726,413	23,342	22,879	84	83	21 828	1 822,606	7 638,263	4,191	3,728
35	34	97 346	34 595,106	797 051,734	23,039	22,576	85	84	18 364	1 488,653	5 815,657	3,907	3,443
36	35	97 222	33 544,792	762 456,628	22,730	22,266	86	85	15 087	1 187,398	4 327,004	3,644	3,181
37	36	97 092	32 524,184	728 911,836	22,411	21,948	87	86	12 066	922,009	3 139,606	3,405	2,942
38	37	96 951	31 530,981	696 387,652	22,086	21,623	88	87	9 354	693,908	2 217,597	3,196	2,733
39	38	96 796	30 563,537	664 856,671	21,753	21,290	89	88	7 032	506,481	1 523,689	3,008	2,545
40	39	96 625	29 621,031	634 293,134	21,414	20,950	90	89	5 139	359,365	1 017,208	2,831	2,367
41	40	96 425	28 698,877	604 672,103	21,070	20,606	91	90	3 670	249,163	657,843	2,640	2,177
42	41	96 213	27 801,768	575 973,226	20,717	20,254	92	91	2 519	166,039	408,680	2,461	1,998
43	42	95 978	26 926,087	548 171,458	20,358	19,895	93	92	1 630	104,335	242,642	2,326	1,862
44	43	95 703	26 066,878	521 245,371	19,996	19,533	94	93	1 013	62,913	138,307	2,198	1,735
45	44	95 399	25 227,135	495 178,493	19,629	19,166	95	94	600	36,192	75,394	2,083	1,620
46	45	95 061	24 405,694	469 951,358	19,256	18,793	96	95	338	19,810	39,202	1,979	1,516
47	46	94 671	23 597,622	445 545,664	18,881	18,418	97	96	181	10,290	19,392	1,885	1,421
48	47	94 232	22 804,023	421 948,042	18,503	18,040	98	97	92	5,059	9,102	1,799	1,336
49	48	93 736	22 023,356	399 144,019	18,124	17,660	99	98	44	2,348	4,043	1,722	1,259
							100	99	20	1,026	1,695	1,652	1,188

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	21 298,609	380 570,147	17,868	17,405
1							51	49	92 800	20 551,773	359 271,537	17,481	17,018
2	0	99 558	93 843,303	2 792 128,363	29,753	29,290	52	50	92 161	19 815,839	338 719,764	17,093	16,630
3	1	99 221	90 801,005	2 698 285,060	29,716	29,253	53	51	91 462	19 092,778	318 903,925	16,703	16,240
4	2	99 178	88 117,943	2 607 484,055	29,591	29,128	54	52	90 711	18 384,420	299 811,147	16,308	15,845
5	3	99 147	85 525,283	2 519 366,112	29,458	28,994	55	53	89 880	17 685,433	281 426,727	15,913	15,450
6	4	99 122	83 012,743	2 433 840,829	29,319	28,856	56	54	88 989	17 000,050	263 741,294	15,514	15,051
7	5	99 099	80 576,742	2 350 828,085	29,175	28,712	57	55	88 044	16 329,760	246 741,243	15,110	14,647
8	6	99 081	78 215,205	2 270 251,344	29,026	28,562	58	56	87 029	15 671,286	230 411,483	14,703	14,240
9	7	99 063	75 923,703	2 192 036,139	28,872	28,408	59	57	85 932	15 023,105	214 740,197	14,294	13,831
10	8	99 046	73 699,848	2 116 112,436	28,713	28,249	60	58	84 756	14 385,951	199 717,093	13,883	13,420
11	9	99 031	71 542,409	2 042 412,588	28,548	28,085	61	59	83 475	13 755,841	185 331,141	13,473	13,010
12	10	99 016	69 447,486	1 970 870,179	28,379	27,916	62	60	82 142	13 141,946	171 575,301	13,056	12,592
13	11	98 997	67 412,263	1 901 422,693	28,206	27,743	63	61	80 689	12 533,401	158 433,355	12,641	12,178
14	12	98 981	65 437,871	1 834 010,430	28,027	27,564	64	62	79 176	11 940,262	145 899,953	12,219	11,756
15	13	98 957	63 516,567	1 768 572,559	27,844	27,381	65	63	77 549	11 354,177	133 959,691	11,798	11,335
16	14	98 927	61 648,188	1 705 055,992	27,658	27,195	66	64	75 831	10 779,292	122 605,514	11,374	10,911
17	15	98 886	59 827,454	1 643 407,805	27,469	27,006	67	65	74 030	10 216,821	111 826,222	10,945	10,482
18	16	98 839	58 057,203	1 583 580,351	27,276	26,813	68	66	72 133	9 665,006	101 609,401	10,513	10,050
19	17	98 768	56 325,835	1 525 523,148	27,084	26,621	69	67	70 134	9 123,479	91 944,395	10,078	9,615
20	18	98 697	54 645,862	1 469 197,312	26,886	26,423	70	68	67 999	8 588,101	82 820,915	9,644	9,180
21	19	98 616	53 010,959	1 414 551,450	26,684	26,221	71	69	65 745	8 061,534	74 232,814	9,208	8,745
22	20	98 539	51 426,865	1 361 540,491	26,475	26,012	72	70	63 344	7 540,915	66 171,281	8,775	8,312
23	21	98 463	49 890,374	1 310 113,626	26,260	25,797	73	71	60 766	7 023,360	58 630,366	8,348	7,885
24	22	98 387	48 400,115	1 260 223,253	26,038	25,574	74	72	58 033	6 512,132	51 607,006	7,925	7,462
25	23	98 308	46 952,539	1 211 823,137	25,810	25,346	75	73	55 073	5 999,939	45 094,874	7,516	7,053
26	24	98 228	45 547,611	1 164 870,598	25,575	25,112	76	74	51 969	5 496,840	39 094,935	7,112	6,649
27	25	98 145	44 183,927	1 119 322,987	25,333	24,870	77	75	48 714	5 002,483	33 598,094	6,716	6,253
28	26	98 061	42 860,312	1 075 139,060	25,085	24,621	78	76	45 261	4 512,571	28 595,612	6,337	5,874
29	27	97 974	41 575,057	1 032 278,748	24,829	24,366	79	77	41 660	4 032,518	24 083,041	5,972	5,509
30	28	97 886	40 327,752	990 703,691	24,566	24,103	80	78	38 003	3 571,388	20 050,523	5,614	5,151
31	29	97 796	39 116,986	950 375,938	24,296	23,833	81	79	34 244	3 124,431	16 479,135	5,274	4,811
32	30	97 696	37 938,980	911 258,953	24,019	23,556	82	80	30 491	2 700,952	13 354,704	4,944	4,481
33	31	97 596	36 796,361	873 319,973	23,734	23,271	83	81	26 767	2 301,989	10 653,753	4,628	4,165
34	32	97 494	35 687,039	836 523,611	23,441	22,977	84	82	23 144	1 932,503	8 351,764	4,322	3,859
35	33	97 381	34 607,626	800 836,572	23,140	22,677	85	83	19 639	1 592,073	6 419,261	4,032	3,569
36	34	97 262	33 558,411	766 228,946	22,833	22,369	86	84	16 292	1 282,268	4 827,188	3,765	3,301
37	35	97 133	32 538,051	732 670,535	22,517	22,054	87	85	13 191	1 007,985	3 544,920	3,517	3,054
38	36	96 996	31 545,691	700 132,484	22,194	21,731	88	86	10 354	768,149	2 536,935	3,303	2,839
39	37	96 847	30 579,644	668 586,794	21,864	21,401	89	87	7 943	572,076	1 768,786	3,092	2,629
40	38	96 682	29 638,505	638 007,150	21,526	21,063	90	88	5 876	410,920	1 196,710	2,912	2,449
41	39	96 493	28 719,074	608 368,645	21,183	20,720	91	89	4 266	289,647	785,791	2,713	2,250
42	40	96 282	27 821,599	579 649,571	20,835	20,371	92	90	2 957	194,926	496,144	2,545	2,082
43	41	96 058	26 948,481	551 827,972	20,477	20,014	93	91	1 972	126,183	301,218	2,387	1,924
44	42	95 794	26 091,559	524 879,491	20,117	19,654	94	92	1 249	77,573	175,035	2,256	1,793
45	43	95 500	25 253,791	498 787,932	19,751	19,288	95	93	756	45,632	97,462	2,136	1,673
46	44	95 169	24 433,324	473 534,141	19,381	18,917	96	94	437	25,574	51,830	2,027	1,563
47	45	94 799	23 629,583	449 100,817	19,006	18,543	97	95	240	13,619	26,256	1,928	1,465
48	46	94 378	22 839,445	425 471,234	18,629	18,166	98	96	125	6,874	12,636	1,838	1,375
49	47	93 899	22 061,642	402 631,789	18,250	17,787	99	97	61	3,279	5,763	1,757	1,294
							100	98	28	1,475	2,483	1,684	1,221

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	21 335,636	383 761,728	17,987	17,524
1							51	48	92 972	20 589,926	362 426,093	17,602	17,139
2							52	49	92 354	19 857,382	341 836,167	17,215	16,751
3	0	99 539	91 092,466	2 702 360,333	29,666	29,203	53	50	91 676	19 137,492	321 978,785	16,825	16,361
4	1	99 206	88 143,005	2 611 267,867	29,625	29,162	54	51	90 938	18 430,326	302 841,293	16,432	15,968
5	2	99 163	85 539,073	2 523 124,862	29,497	29,034	55	52	90 130	17 734,573	284 410,967	16,037	15,574
6	3	99 136	83 024,648	2 437 585,789	29,360	28,897	56	53	89 260	17 051,874	266 676,394	15,639	15,176
7	4	99 111	80 586,400	2 354 561,141	29,218	28,755	57	54	88 326	16 381,956	249 624,520	15,238	14,775
8	5	99 090	78 222,281	2 273 974,741	29,071	28,607	58	55	87 343	15 727,867	233 242,564	14,830	14,367
9	6	99 071	75 929,791	2 195 752,460	28,918	28,455	59	56	86 259	15 080,303	217 514,697	14,424	13,961
10	7	99 055	73 706,006	2 119 822,669	28,761	28,297	60	57	85 107	14 445,558	202 434,394	14,014	13,550
11	8	99 038	71 546,852	2 046 116,663	28,598	28,135	61	58	83 858	13 818,850	187 988,837	13,604	13,141
12	9	99 022	69 451,896	1 974 569,811	28,431	27,968	62	59	82 537	13 205,044	174 169,987	13,190	12,726
13	10	99 005	67 417,694	1 905 117,915	28,258	27,795	63	60	81 133	12 602,309	160 964,943	12,773	12,309
14	11	98 989	65 443,068	1 837 700,222	28,081	27,618	64	61	79 629	12 008,536	148 362,633	12,355	11,892
15	12	98 964	63 521,436	1 772 257,153	27,900	27,437	65	62	78 039	11 425,872	136 354,097	11,934	11,471
16	13	98 937	61 654,253	1 708 735,717	27,715	27,252	66	63	76 340	10 851,658	124 928,225	11,512	11,049
17	14	98 898	59 834,861	1 647 081,465	27,527	27,064	67	64	74 567	10 290,872	114 076,567	11,085	10,622
18	15	98 852	58 065,074	1 587 246,603	27,336	26,872	68	65	72 696	9 740,421	103 785,695	10,655	10,192
19	16	98 784	56 334,892	1 529 181,529	27,144	26,681	69	66	70 715	9 199,094	94 045,274	10,223	9,760
20	17	98 714	54 655,456	1 472 846,637	26,948	26,485	70	67	68 618	8 666,268	84 846,181	9,790	9,327
21	18	98 638	53 022,541	1 418 191,181	26,747	26,284	71	68	66 395	8 141,279	76 179,913	9,357	8,894
22	19	98 560	51 437,927	1 365 168,640	26,540	26,077	72	69	64 046	7 624,538	68 038,634	8,924	8,460
23	20	98 484	49 900,902	1 313 730,713	26,327	25,864	73	70	61 501	7 108,292	60 414,096	8,499	8,036
24	21	98 409	48 410,579	1 263 829,811	26,106	25,643	74	71	58 818	6 600,198	53 305,805	8,076	7,613
25	22	98 331	46 963,331	1 215 419,232	25,880	25,417	75	72	55 939	6 094,249	46 705,606	7,664	7,201
26	23	98 250	45 557,973	1 168 455,900	25,648	25,184	76	73	52 886	5 593,811	40 611,358	7,260	6,797
27	24	98 168	44 193,975	1 122 897,927	25,408	24,945	77	74	49 674	5 101,056	35 017,547	6,865	6,402
28	25	98 083	42 869,866	1 078 703,953	25,162	24,699	78	75	46 293	4 615,408	29 916,491	6,482	6,019
29	26	98 001	41 586,167	1 035 834,087	24,908	24,445	79	76	42 743	4 137,391	25 301,083	6,115	5,652
30	27	97 911	40 338,165	994 247,920	24,648	24,185	80	77	39 136	3 677,878	21 163,692	5,754	5,291
31	28	97 821	39 127,148	953 909,755	24,380	23,917	81	78	35 422	3 231,918	17 485,814	5,410	4,947
32	29	97 723	37 949,506	914 782,607	24,105	23,642	82	79	31 680	2 806,331	14 253,896	5,079	4,616
33	30	97 623	36 806,463	876 833,101	23,823	23,360	83	80	27 980	2 406,360	11 447,565	4,757	4,294
34	31	97 525	35 698,678	840 026,638	23,531	23,068	84	81	24 350	2 033,135	9 041,204	4,447	3,984
35	32	97 415	34 619,617	804 327,961	23,233	22,770	85	82	20 824	1 688,069	7 008,069	4,152	3,688
36	33	97 297	33 570,556	769 708,344	22,928	22,465	86	83	17 424	1 371,350	5 320,000	3,879	3,416
37	34	97 173	32 551,261	736 137,788	22,615	22,152	87	84	14 245	1 088,520	3 948,650	3,628	3,164
38	35	97 038	31 559,140	703 586,527	22,294	21,831	88	85	11 320	839,778	2 860,130	3,406	2,943
39	36	96 892	30 593,910	672 027,387	21,966	21,503	89	86	8 792	633,281	2 020,352	3,190	2,727
40	37	96 733	29 654,124	641 433,477	21,630	21,167	90	87	6 637	464,138	1 387,071	2,988	2,525
41	38	96 550	28 736,016	611 779,353	21,290	20,826	91	88	4 878	331,200	922,932	2,787	2,323
42	39	96 350	27 841,179	583 043,337	20,942	20,479	92	89	3 438	226,597	591,732	2,611	2,148
43	40	96 127	26 967,703	555 202,158	20,588	20,124	93	90	2 315	148,136	365,135	2,465	2,002
44	41	95 874	26 113,258	528 234,455	20,229	19,765	94	91	1 510	93,817	216,999	2,313	1,850
45	42	95 590	25 277,703	502 121,197	19,864	19,401	95	92	933	56,265	123,182	2,189	1,726
46	43	95 269	24 459,142	476 843,494	19,496	19,032	96	93	551	32,245	66,917	2,075	1,612
47	44	94 907	23 656,334	452 384,352	19,123	18,660	97	94	309	17,582	34,672	1,972	1,509
48	45	94 506	22 870,378	428 728,018	18,746	18,283	98	95	165	9,098	17,089	1,878	1,415
49	46	94 045	22 095,911	405 857,640	18,368	17,905	99	96	83	4,455	7,992	1,794	1,331
							100	97	40	2,060	3,536	1,717	1,254

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	21 368,777	386 709,047	18,097	17,634
1							51	47	93 134	20 625,720	365 340,271	17,713	17,250
2							52	48	92 526	19 894,246	344 714,551	17,327	16,864
3							53	49	91 869	19 177,613	324 820,305	16,937	16,474
4	0	99 524	88 425,934	2 615 039,170	29,573	29,110	54	50	91 150	18 473,489	305 642,692	16,545	16,082
5	1	99 191	85 563,402	2 526 613,236	29,529	29,066	55	51	90 355	17 778,856	287 169,204	16,152	15,689
6	2	99 152	83 038,035	2 441 049,834	29,397	28,934	56	52	89 508	17 099,253	269 390,347	15,755	15,291
7	3	99 125	80 597,957	2 358 011,799	29,256	28,793	57	53	88 595	16 431,895	252 291,094	15,354	14,891
8	4	99 102	78 231,656	2 277 413,842	29,111	28,648	58	54	87 622	15 778,139	235 859,199	14,948	14,485
9	5	99 080	75 936,660	2 199 182,186	28,961	28,498	59	55	86 571	15 134,751	220 081,060	14,541	14,078
10	6	99 063	73 711,916	2 123 245,525	28,805	28,341	60	56	85 432	14 500,557	204 946,310	14,134	13,670
11	7	99 046	71 552,830	2 049 533,610	28,644	28,180	61	57	84 205	13 876,106	190 445,753	13,725	13,262
12	8	99 028	69 456,210	1 977 980,780	28,478	28,015	62	58	82 915	13 265,530	176 569,647	13,310	12,847
13	9	99 011	67 421,974	1 908 524,570	28,307	27,844	63	59	81 522	12 662,817	163 304,116	12,896	12,433
14	10	98 996	65 448,341	1 841 102,596	28,131	27,667	64	60	80 067	12 074,559	150 641,300	12,476	12,013
15	11	98 972	63 526,481	1 775 654,255	27,951	27,488	65	61	78 485	11 491,205	138 566,741	12,059	11,595
16	12	98 945	61 658,979	1 712 127,774	27,768	27,304	66	62	76 822	10 920,180	127 075,536	11,637	11,174
17	13	98 908	59 840,748	1 650 468,795	27,581	27,118	67	63	75 068	10 359,959	116 155,357	11,212	10,749
18	14	98 864	58 072,263	1 590 628,047	27,390	26,927	68	64	73 223	9 811,019	105 795,398	10,783	10,320
19	15	98 797	56 342,530	1 532 555,784	27,201	26,737	69	65	71 267	9 270,873	95 984,379	10,353	9,890
20	16	98 730	54 664,244	1 476 213,254	27,005	26,542	70	66	69 187	8 738,093	86 713,506	9,924	9,460
21	17	98 655	53 031,850	1 421 549,010	26,806	26,342	71	67	66 999	8 215,378	77 975,413	9,491	9,028
22	18	98 582	51 449,165	1 368 517,160	26,599	26,136	72	68	64 680	7 699,960	69 760,035	9,060	8,597
23	19	98 505	49 911,636	1 317 067,994	26,388	25,925	73	69	62 183	7 187,118	62 060,075	8,635	8,172
24	20	98 430	48 420,795	1 267 156,358	26,170	25,706	74	70	59 529	6 680,013	54 872,957	8,214	7,751
25	21	98 352	46 973,484	1 218 735,563	25,945	25,482	75	71	56 695	6 176,664	48 192,945	7,802	7,339
26	22	98 273	45 568,444	1 171 762,078	25,714	25,251	76	72	53 717	5 681,737	42 016,281	7,395	6,932
27	23	98 190	44 204,029	1 126 193,634	25,477	25,014	77	73	50 550	5 191,045	36 334,544	6,999	6,536
28	24	98 105	42 879,615	1 081 989,605	25,233	24,770	78	74	47 205	4 706,353	31 143,499	6,617	6,154
29	25	98 022	41 595,437	1 039 109,990	24,981	24,518	79	75	43 717	4 231,678	26 437,146	6,247	5,784
30	26	97 937	40 348,944	997 514,554	24,722	24,259	80	76	40 154	3 773,528	22 205,468	5,885	5,421
31	27	97 846	39 137,251	957 165,609	24,457	23,993	81	77	36 478	3 328,286	18 431,939	5,538	5,075
32	28	97 749	37 959,365	918 028,359	24,185	23,721	82	78	32 770	2 902,875	15 103,653	5,203	4,740
33	29	97 650	36 816,674	880 068,994	23,904	23,441	83	79	29 072	2 500,246	12 200,778	4,880	4,417
34	30	97 552	35 708,478	843 252,319	23,615	23,152	84	80	25 454	2 125,317	9 700,532	4,564	4,101
35	31	97 447	34 630,907	807 543,842	23,319	22,855	85	81	21 908	1 775,973	7 575,215	4,265	3,802
36	32	97 331	33 582,187	772 912,935	23,016	22,552	86	82	18 475	1 454,038	5 799,242	3,988	3,525
37	33	97 208	32 563,042	739 330,747	22,705	22,241	87	83	15 235	1 164,142	4 345,205	3,733	3,269
38	34	97 077	31 571,952	706 767,706	22,386	21,923	88	84	12 224	906,874	3 181,063	3,508	3,044
39	35	96 933	30 606,953	675 195,753	22,060	21,597	89	85	9 612	692,334	2 274,189	3,285	2,822
40	36	96 778	29 667,958	644 588,800	21,727	21,264	90	86	7 348	513,796	1 581,855	3,079	2,616
41	37	96 601	28 751,159	614 920,841	21,388	20,924	91	87	5 510	374,094	1 068,059	2,855	2,392
42	38	96 407	27 857,603	586 169,682	21,042	20,578	92	88	3 931	259,105	693,965	2,678	2,215
43	39	96 194	26 986,682	558 312,079	20,688	20,225	93	89	2 691	172,205	434,860	2,525	2,062
44	40	95 942	26 131,885	531 325,398	20,332	19,869	94	90	1 773	110,139	262,655	2,385	1,922
45	41	95 670	25 298,725	505 193,512	19,969	19,506	95	91	1 128	68,047	152,516	2,241	1,778
46	42	95 360	24 482,301	479 894,787	19,602	19,138	96	92	679	39,759	84,468	2,125	1,661
47	43	95 007	23 681,331	455 412,486	19,231	18,768	97	93	390	22,169	44,709	2,017	1,554
48	44	94 613	22 896,270	431 731,155	18,856	18,393	98	94	213	11,745	22,541	1,919	1,456
49	45	94 172	22 125,838	408 834,885	18,478	18,014	99	95	110	5,897	10,796	1,831	1,368
							100	96	54	2,798	4,899	1,751	1,288

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	21 397,719	389 425,398	18,199	17,736
1							51	46	93 279	20 657,758	368 027,679	17,815	17,352
2							52	47	92 687	19 928,830	347 369,921	17,431	16,967
3							53	48	92 039	19 213,214	327 441,090	17,042	16,579
4							54	49	91 342	18 512,217	308 227,876	16,650	16,187
5	0	99 510	85 838,051	2 530 099,886	29,475	29,012	55	50	90 566	17 820,493	289 715,659	16,257	15,794
6	1	99 180	83 061,652	2 444 261,835	29,427	28,964	56	51	89 731	17 141,950	271 895,165	15,861	15,398
7	2	99 141	80 610,952	2 361 200,183	29,291	28,828	57	52	88 841	16 477,552	254 753,215	15,461	14,997
8	3	99 116	78 242,875	2 280 589,231	29,148	28,684	58	53	87 889	15 826,237	238 275,663	15,056	14,593
9	4	99 092	75 945,762	2 202 346,355	28,999	28,536	59	54	86 848	15 183,126	222 449,426	14,651	14,188
10	5	99 072	73 718,584	2 126 400,593	28,845	28,382	60	55	85 740	14 552,911	207 266,299	14,242	13,779
11	6	99 054	71 558,568	2 052 682,009	28,685	28,222	61	56	84 526	13 928,937	192 713,388	13,835	13,372
12	7	99 036	69 462,013	1 981 123,441	28,521	28,058	62	57	83 258	13 320,494	178 784,451	13,422	12,959
13	8	99 018	67 426,162	1 911 661,429	28,352	27,889	63	58	81 896	12 720,819	165 463,956	13,007	12,544
14	9	99 003	65 452,496	1 844 235,267	28,177	27,713	64	59	80 451	12 132,532	152 743,137	12,590	12,126
15	10	98 980	63 531,599	1 778 782,770	27,998	27,535	65	60	78 916	11 554,383	140 610,605	12,169	11,706
16	11	98 952	61 663,876	1 715 251,171	27,816	27,353	66	61	77 261	10 982,621	129 056,222	11,751	11,288
17	12	98 915	59 845,335	1 653 587,295	27,631	27,168	67	62	75 542	10 425,376	118 073,601	11,326	10,862
18	13	98 874	58 077,976	1 593 741,959	27,441	26,978	68	63	73 714	9 876,885	107 648,226	10,899	10,436
19	14	98 809	56 349,505	1 535 663,983	27,252	26,789	69	64	71 784	9 338,068	97 771,341	10,470	10,007
20	15	98 743	54 671,656	1 479 314,477	27,058	26,595	70	65	69 727	8 806,275	88 433,273	10,042	9,579
21	16	98 671	53 040,377	1 424 642,822	26,860	26,396	71	66	67 555	8 283,466	79 626,999	9,613	9,150
22	17	98 599	51 458,198	1 371 602,445	26,655	26,191	72	67	65 268	7 770,043	71 343,532	9,182	8,719
23	18	98 526	49 922,541	1 320 144,247	26,444	25,981	73	68	62 798	7 258,213	63 573,489	8,759	8,296
24	19	98 451	48 431,211	1 270 221,706	26,227	25,764	74	69	60 190	6 754,089	56 315,276	8,338	7,875
25	20	98 373	46 983,397	1 221 790,495	26,005	25,542	75	70	57 381	6 251,356	49 561,187	7,928	7,465
26	21	98 294	45 578,296	1 174 807,097	25,776	25,312	76	71	54 443	5 758,573	43 309,831	7,521	7,058
27	22	98 212	44 214,189	1 129 228,801	25,540	25,077	77	72	51 345	5 272,640	37 551,258	7,122	6,659
28	23	98 128	42 889,370	1 085 014,612	25,298	24,835	78	73	48 038	4 789,379	32 278,618	6,740	6,276
29	24	98 045	41 604,896	1 042 125,242	25,048	24,585	79	74	44 579	4 315,063	27 489,239	6,371	5,907
30	25	97 959	40 357,938	1 000 520,347	24,791	24,328	80	75	41 069	3 859,523	23 174,176	6,004	5,541
31	26	97 872	39 147,709	960 162,409	24,527	24,063	81	76	37 427	3 414,845	19 314,653	5,656	5,193
32	27	97 774	37 969,166	921 014,699	24,257	23,794	82	77	33 747	2 989,432	15 899,808	5,319	4,855
33	28	97 676	36 826,239	883 045,533	23,979	23,515	83	78	30 072	2 586,260	12 910,376	4,992	4,529
34	29	97 579	35 718,385	846 219,294	23,691	23,228	84	79	26 447	2 208,237	10 324,116	4,675	4,212
35	30	97 473	34 640,414	810 500,910	23,398	22,934	85	80	22 901	1 856,495	8 115,879	4,372	3,908
36	31	97 362	33 593,140	775 860,496	23,096	22,633	86	81	19 437	1 529,754	6 259,384	4,092	3,629
37	32	97 242	32 574,324	742 267,356	22,787	22,324	87	82	16 154	1 234,336	4 729,630	3,832	3,368
38	33	97 112	31 583,379	709 693,033	22,470	22,007	88	83	13 074	969,876	3 495,294	3,604	3,141
39	34	96 972	30 619,379	678 109,653	22,146	21,683	89	84	10 380	747,650	2 525,418	3,378	2,915
40	35	96 819	29 680,607	647 490,274	21,815	21,352	90	85	8 033	561,707	1 777,768	3,165	2,702
41	36	96 646	28 764,572	617 809,667	21,478	21,015	91	86	6 100	414,118	1 216,061	2,937	2,473
42	37	96 457	27 872,283	589 045,095	21,134	20,670	92	87	4 440	292,662	801,943	2,740	2,277
43	38	96 251	27 002,602	561 172,811	20,782	20,319	93	88	3 077	196,910	509,281	2,586	2,123
44	39	96 009	26 150,276	534 170,210	20,427	19,964	94	89	2 061	128,034	312,372	2,440	1,977
45	40	95 738	25 316,771	508 019,934	20,067	19,603	95	90	1 324	79,886	184,337	2,307	1,844
46	41	95 439	24 502,662	482 703,163	19,700	19,237	96	91	821	48,085	104,451	2,172	1,709
47	42	95 097	23 703,753	458 200,501	19,330	18,867	97	92	481	27,334	56,367	2,062	1,599
48	43	94 713	22 920,464	434 496,748	18,957	18,493	98	93	268	14,809	29,032	1,960	1,497
49	44	94 279	22 150,887	411 576,284	18,581	18,117	99	94	142	7,613	14,224	1,868	1,405
							100	95	71	3,704	6,611	1,785	1,322



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	21 421,943	391 923,425	18,295	17,832
1							51	45	93 405	20 685,737	370 501,482	17,911	17,448
2							52	46	92 831	19 959,786	349 815,745	17,526	17,063
3							53	47	92 199	19 246,615	329 855,959	17,138	16,675
4							54	48	91 511	18 546,584	310 609,344	16,748	16,284
5							55	49	90 756	17 857,853	292 062,760	16,355	15,892
6	0	99 498	83 328,271	2 447 482,840	29,372	28,908	56	50	89 942	17 182,096	274 204,907	15,959	15,496
7	1	99 170	80 633,879	2 364 154,569	29,320	28,856	57	51	89 063	16 518,696	257 022,812	15,560	15,096
8	2	99 132	78 255,491	2 283 520,690	29,180	28,717	58	52	88 134	15 870,211	240 504,115	15,154	14,691
9	3	99 106	75 956,653	2 205 265,199	29,033	28,570	59	53	87 112	15 229,411	224 633,904	14,750	14,287
10	4	99 083	73 727,420	2 129 308,545	28,881	28,418	60	54	86 014	14 599,427	209 404,493	14,343	13,880
11	5	99 063	71 565,041	2 055 581,125	28,723	28,260	61	55	84 831	13 979,228	194 805,065	13,935	13,472
12	6	99 044	69 467,582	1 984 016,084	28,560	28,097	62	56	83 575	13 371,210	180 825,837	13,524	13,060
13	7	99 026	67 431,795	1 914 548,501	28,392	27,929	63	57	82 235	12 773,526	167 454,627	13,110	12,646
14	8	99 009	65 456,562	1 847 116,706	28,219	27,756	64	58	80 820	12 188,105	154 681,101	12,691	12,228
15	9	98 986	63 535,633	1 781 660,144	28,042	27,579	65	59	79 295	11 609,859	142 492,995	12,273	11,810
16	10	98 960	61 668,844	1 718 124,511	27,860	27,397	66	60	77 686	11 043,003	130 883,137	11,852	11,389
17	11	98 923	59 850,089	1 656 455,667	27,677	27,214	67	61	75 973	10 484,988	119 840,134	11,430	10,966
18	12	98 881	58 082,429	1 596 605,578	27,489	27,025	68	62	74 180	9 939,251	109 355,146	11,002	10,539
19	13	98 819	56 355,049	1 538 523,149	27,301	26,837	69	63	72 266	9 400,758	99 415,895	10,575	10,112
20	14	98 755	54 678,425	1 482 168,100	27,107	26,644	70	64	70 232	8 870,102	90 015,137	10,148	9,685
21	15	98 684	53 047,568	1 427 489,676	26,910	26,446	71	65	68 082	8 348,101	81 145,035	9,720	9,257
22	16	98 615	51 466,472	1 374 442,107	26,706	26,242	72	66	65 809	7 834,440	72 796,934	9,292	8,829
23	17	98 544	49 931,306	1 322 975,635	26,496	26,033	73	67	63 370	7 324,275	64 962,493	8,869	8,406
24	18	98 472	48 441,792	1 273 044,329	26,280	25,817	74	68	60 785	6 820,901	57 638,218	8,450	7,987
25	19	98 394	46 993,504	1 224 602,537	26,059	25,596	75	69	58 017	6 320,679	50 817,318	8,040	7,577
26	20	98 314	45 587,915	1 177 609,034	25,832	25,368	76	70	55 102	5 828,210	44 496,638	7,635	7,171
27	21	98 234	44 223,748	1 132 021,119	25,598	25,134	77	71	52 039	5 343,944	38 668,428	7,236	6,773
28	22	98 150	42 899,228	1 087 797,371	25,357	24,894	78	72	48 793	4 864,661	33 324,484	6,850	6,387
29	23	98 067	41 614,361	1 044 898,143	25,109	24,646	79	73	45 365	4 391,186	28 459,824	6,481	6,018
30	24	97 982	40 367,115	1 003 283,782	24,854	24,391	80	74	41 878	3 935,574	24 068,638	6,116	5,652
31	25	97 894	39 156,435	962 916,667	24,592	24,128	81	75	38 280	3 492,665	20 133,064	5,764	5,301
32	26	97 800	37 979,313	923 760,232	24,323	23,859	82	76	34 625	3 067,178	16 640,398	5,425	4,962
33	27	97 701	36 835,748	885 780,919	24,047	23,584	83	77	30 969	2 663,376	13 573,220	5,096	4,633
34	28	97 605	35 727,664	848 945,171	23,762	23,298	84	78	27 357	2 284,206	10 909,844	4,776	4,313
35	29	97 500	34 650,025	813 217,507	23,469	23,006	85	79	23 795	1 928,927	8 625,638	4,472	4,009
36	30	97 389	33 602,361	778 567,483	23,170	22,707	86	80	20 318	1 599,113	6 696,711	4,188	3,725
37	31	97 273	32 584,947	744 965,121	22,862	22,399	87	81	16 995	1 298,612	5 097,598	3,925	3,462
38	32	97 146	31 594,322	712 380,174	22,548	22,085	88	82	13 862	1 028,357	3 798,987	3,694	3,231
39	33	97 007	30 630,461	680 785,852	22,226	21,763	89	83	11 101	799,590	2 770,630	3,465	3,002
40	34	96 859	29 692,657	650 155,391	21,896	21,433	90	84	8 674	606,586	1 971,040	3,249	2,786
41	35	96 687	28 776,836	620 462,734	21,561	21,098	91	85	6 669	452,734	1 364,454	3,014	2,551
42	36	96 502	27 885,287	591 685,899	21,219	20,755	92	86	4 915	323,974	911,720	2,814	2,351
43	37	96 302	27 016,831	563 800,612	20,868	20,405	93	87	3 476	222,412	587,746	2,643	2,179
44	38	96 066	26 165,702	536 783,781	20,515	20,052	94	88	2 356	146,402	365,335	2,495	2,032
45	39	95 805	25 334,588	510 618,078	20,155	19,692	95	89	1 540	92,866	218,932	2,358	1,894
46	40	95 507	24 520,140	485 283,491	19,791	19,328	96	90	964	56,450	126,066	2,233	1,770
47	41	95 176	23 723,467	460 763,351	19,422	18,959	97	91	581	33,058	69,616	2,106	1,643
48	42	94 803	22 942,166	437 039,884	19,050	18,586	98	92	331	18,259	36,558	2,002	1,539
49	43	94 379	22 174,293	414 097,718	18,675	18,211	99	93	179	9,598	18,299	1,906	1,443
							100	94	92	4,781	8,700	1,820	1,356

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	21 444,579	394 218,629	18,383	17,920
1							51	44	93 511	20 709,156	372 774,050	18,000	17,537
2							52	45	92 956	19 986,820	352 064,895	17,615	17,152
3							53	46	92 342	19 276,511	332 078,075	17,227	16,764
4							54	47	91 670	18 578,826	312 801,564	16,836	16,373
5							55	48	90 925	17 891,005	294 222,738	16,445	15,982
6							56	49	90 130	17 218,117	276 331,734	16,049	15,586
7	0	99 488	80 892,705	2 367 128,453	29,263	28,799	57	50	89 272	16 557,382	259 113,617	15,649	15,186
8	1	99 160	78 277,748	2 286 235,749	29,207	28,743	58	51	88 354	15 909,839	242 556,234	15,246	14,782
9	2	99 122	75 968,901	2 207 958,000	29,064	28,601	59	52	87 354	15 271,727	226 646,395	14,841	14,378
10	3	99 098	73 737,993	2 131 989,100	28,913	28,450	60	53	86 276	14 643,933	211 374,668	14,434	13,971
11	4	99 075	71 573,619	2 058 251,106	28,757	28,294	61	54	85 102	14 023,911	196 730,736	14,028	13,565
12	5	99 053	69 473,867	1 986 677,487	28,596	28,133	62	55	83 877	13 419,487	182 706,825	13,615	13,152
13	6	99 034	67 437,202	1 917 203,620	28,429	27,966	63	56	82 548	12 822,159	169 287,338	13,203	12,739
14	7	99 017	65 462,031	1 849 766,418	28,257	27,794	64	57	81 155	12 238,605	156 465,179	12,785	12,321
15	8	98 993	63 539,580	1 784 304,387	28,082	27,619	65	58	79 658	11 663,038	144 226,573	12,366	11,903
16	9	98 967	61 672,760	1 720 764,808	27,902	27,438	66	59	78 059	11 096,023	132 563,535	11,947	11,484
17	10	98 931	59 854,911	1 659 092,048	27,719	27,255	67	60	76 391	10 542,633	121 467,512	11,522	11,058
18	11	98 889	58 087,042	1 599 237,137	27,532	27,069	68	61	74 604	9 996,084	110 924,878	11,097	10,634
19	12	98 826	56 359,369	1 541 150,095	27,345	26,882	69	62	72 722	9 460,118	100 928,795	10,669	10,206
20	13	98 765	54 683,804	1 484 790,726	27,152	26,689	70	63	70 703	8 929,651	91 468,676	10,243	9,780
21	14	98 696	53 054,136	1 430 106,922	26,956	26,492	71	64	68 575	8 408,608	82 539,026	9,816	9,353
22	15	98 628	51 473,450	1 377 052,786	26,753	26,289	72	65	66 323	7 895,571	74 130,418	9,389	8,926
23	16	98 560	49 939,334	1 325 579,336	26,544	26,081	73	66	63 895	7 384,978	66 234,847	8,969	8,506
24	17	98 489	48 450,297	1 275 640,002	26,329	25,866	74	67	61 338	6 882,983	58 849,869	8,550	8,087
25	18	98 415	47 003,771	1 227 189,705	26,108	25,645	75	68	58 591	6 383,204	51 966,886	8,141	7,678
26	19	98 336	45 597,721	1 180 185,934	25,883	25,419	76	69	55 713	5 892,841	45 583,682	7,735	7,272
27	20	98 254	44 233,081	1 134 588,213	25,650	25,187	77	70	52 668	5 408,567	39 690,841	7,339	6,875
28	21	98 172	42 908,502	1 090 355,133	25,411	24,948	78	71	49 453	4 930,448	34 282,275	6,953	6,490
29	22	98 090	41 623,926	1 047 446,630	25,165	24,701	79	72	46 078	4 460,208	29 351,827	6,581	6,118
30	23	98 004	40 376,299	1 005 822,704	24,911	24,448	80	73	42 617	4 005,003	24 891,619	6,215	5,752
31	24	97 916	39 165,340	965 446,405	24,651	24,187	81	74	39 034	3 561,488	20 886,617	5,865	5,401
32	25	97 822	37 987,778	926 281,065	24,384	23,920	82	75	35 414	3 137,076	17 325,129	5,523	5,059
33	26	97 727	36 845,591	888 293,287	24,109	23,645	83	76	31 774	2 732,643	14 188,053	5,192	4,729
34	27	97 630	35 736,889	851 447,696	23,825	23,362	84	77	28 172	2 352,315	11 455,411	4,870	4,407
35	28	97 526	34 659,027	815 710,807	23,535	23,072	85	78	24 613	1 995,287	9 103,095	4,562	4,099
36	29	97 416	33 611,684	781 051,781	23,238	22,774	86	79	21 111	1 661,503	7 107,809	4,278	3,815
37	30	97 300	32 593,892	747 440,097	22,932	22,469	87	80	17 765	1 357,490	5 446,306	4,012	3,549
38	31	97 177	31 604,625	714 846,204	22,618	22,155	88	81	14 584	1 081,906	4 088,815	3,779	3,316
39	32	97 041	30 641,074	683 241,579	22,298	21,835	89	82	11 771	847,803	3 006,909	3,547	3,083
40	33	96 894	29 703,403	652 600,505	21,971	21,507	90	83	9 277	648,727	2 159,106	3,328	2,865
41	34	96 727	28 788,519	622 897,102	21,637	21,174	91	84	7 201	488,906	1 510,379	3,089	2,626
42	35	96 544	27 897,175	594 108,583	21,296	20,833	92	85	5 373	354,184	1 021,473	2,884	2,421
43	36	96 347	27 029,436	566 211,408	20,948	20,485	93	86	3 847	246,207	667,289	2,710	2,247
44	37	96 117	26 179,491	539 181,972	20,596	20,132	94	87	2 662	165,363	421,082	2,546	2,083
45	38	95 862	25 349,533	513 002,482	20,237	19,774	95	88	1 760	106,189	255,719	2,408	1,945
46	39	95 574	24 537,396	487 652,948	19,874	19,411	96	89	1 121	65,622	149,530	2,279	1,815
47	40	95 244	23 740,389	463 115,552	19,507	19,044	97	90	683	38,810	83,908	2,162	1,699
48	41	94 882	22 961,246	439 375,163	19,136	18,672	98	91	400	22,083	45,099	2,042	1,579
49	42	94 468	22 195,288	416 413,917	18,761	18,298	99	92	221	11,835	23,016	1,945	1,482
							100	93	116	6,029	11,181	1,855	1,391

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	21 464,883	396 325,220	18,464	18,001
1							51	43	93 609	20 731,038	374 860,336	18,082	17,619
2							52	44	93 062	20 009,447	354 129,298	17,698	17,235
3							53	45	92 468	19 302,619	334 119,851	17,310	16,846
4							54	46	91 813	18 607,684	314 817,232	16,919	16,455
5							55	47	91 083	17 922,107	296 209,547	16,528	16,064
6							56	48	90 297	17 250,081	278 287,441	16,133	15,669
7							57	49	89 459	16 592,094	261 037,360	15,733	15,269
8	0	99 478	78 529,011	2 288 980,401	29,148	28,685	58	50	88 561	15 947,099	244 445,266	15,329	14,865
9	1	99 150	75 990,507	2 210 451,390	29,089	28,625	59	51	87 572	15 309,860	228 498,167	14,925	14,462
10	2	99 114	73 749,883	2 134 460,883	28,942	28,479	60	52	86 516	14 684,621	213 188,306	14,518	14,055
11	3	99 089	71 583,883	2 060 711,000	28,787	28,324	61	53	85 361	14 066,662	198 503,685	14,112	13,648
12	4	99 065	69 482,194	1 989 127,117	28,628	28,165	62	54	84 145	13 462,380	184 437,023	13,700	13,237
13	5	99 043	67 443,303	1 919 644,922	28,463	28,000	63	55	82 846	12 868,454	170 974,643	13,286	12,823
14	6	99 025	65 467,280	1 852 201,619	28,292	27,829	64	56	81 464	12 285,202	158 106,189	12,870	12,406
15	7	99 001	63 544,888	1 786 734,339	28,118	27,654	65	57	79 988	11 711,363	145 820,987	12,451	11,988
16	8	98 973	61 676,591	1 723 189,451	27,939	27,476	66	58	78 417	11 146,849	134 109,624	12,031	11,568
17	9	98 937	59 858,711	1 661 512,861	27,757	27,294	67	59	76 758	10 593,252	122 962,775	11,608	11,144
18	10	98 897	58 091,722	1 601 654,150	27,571	27,108	68	60	75 014	10 051,042	112 369,524	11,180	10,717
19	11	98 834	56 363,846	1 543 562,428	27,386	26,922	69	61	73 138	9 514,211	102 318,482	10,754	10,291
20	12	98 773	54 687,996	1 487 198,582	27,194	26,731	70	62	71 150	8 986,036	92 804,271	10,328	9,864
21	13	98 706	53 059,355	1 432 510,586	26,998	26,535	71	63	69 036	8 465,058	83 818,235	9,902	9,438
22	14	98 641	51 479,823	1 379 451,231	26,796	26,333	72	64	66 804	7 952,798	75 353,177	9,475	9,012
23	15	98 573	49 946,105	1 327 971,408	26,588	26,125	73	65	64 394	7 442,602	67 400,379	9,056	8,593
24	16	98 505	48 458,087	1 278 025,303	26,374	25,911	74	66	61 847	6 940,028	59 957,777	8,639	8,176
25	17	98 433	47 012,023	1 229 567,216	26,154	25,691	75	67	59 124	6 441,302	53 017,749	8,231	7,768
26	18	98 357	45 607,683	1 182 555,192	25,929	25,466	76	68	56 264	5 951,133	46 576,447	7,826	7,363
27	19	98 276	44 242,595	1 136 947,509	25,698	25,235	77	69	53 252	5 468,544	40 625,314	7,429	6,966
28	20	98 192	42 917,558	1 092 704,914	25,461	24,997	78	70	50 051	4 990,070	35 156,770	7,045	6,582
29	21	98 111	41 632,925	1 049 787,356	25,215	24,752	79	71	46 701	4 520,525	30 166,700	6,673	6,210
30	22	98 026	40 385,580	1 008 154,432	24,963	24,500	80	72	43 287	4 067,955	25 646,175	6,304	5,841
31	23	97 939	39 174,250	967 768,852	24,704	24,241	81	73	39 723	3 624,317	21 578,220	5,954	5,491
32	24	97 844	37 996,416	928 594,602	24,439	23,976	82	74	36 112	3 198,891	17 953,903	5,613	5,149
33	25	97 749	36 853,804	890 598,186	24,166	23,702	83	75	32 498	2 794,917	14 755,012	5,279	4,816
34	26	97 656	35 746,439	853 744,382	23,883	23,420	84	76	28 905	2 413,492	11 960,096	4,956	4,492
35	27	97 551	34 667,976	817 997,943	23,595	23,132	85	77	25 347	2 054,781	9 546,604	4,646	4,183
36	28	97 441	33 620,416	783 329,967	23,299	22,836	86	78	21 837	1 718,663	7 491,822	4,359	3,896
37	29	97 327	32 602,935	749 709,551	22,995	22,532	87	79	18 459	1 410,454	5 773,160	4,093	3,630
38	30	97 204	31 613,301	717 106,616	22,684	22,220	88	80	15 245	1 130,960	4 362,706	3,858	3,394
39	31	97 073	30 651,067	685 493,314	22,364	21,901	89	81	12 384	891,951	3 231,747	3,623	3,160
40	32	96 927	29 713,694	654 842,248	22,038	21,575	90	82	9 836	687,843	2 339,796	3,402	2,938
41	33	96 762	28 798,938	625 128,554	21,707	21,243	91	83	7 702	522,872	1 651,953	3,159	2,696
42	34	96 583	27 908,501	596 329,616	21,367	20,904	92	84	5 803	382,482	1 129,082	2,952	2,489
43	35	96 388	27 040,959	568 421,114	21,021	20,558	93	85	4 206	269,166	746,599	2,774	2,311
44	36	96 162	26 191,704	541 380,155	20,670	20,207	94	86	2 946	183,055	477,434	2,608	2,145
45	37	95 912	25 362,892	515 188,451	20,313	19,849	95	87	1 988	119,941	294,378	2,454	1,991
46	38	95 631	24 551,871	489 825,559	19,951	19,487	96	88	1 281	75,036	174,437	2,325	1,861
47	39	95 311	23 757,096	465 273,688	19,585	19,121	97	89	793	45,115	99,401	2,203	1,740
48	40	94 949	22 977,624	441 516,591	19,215	18,752	98	90	470	25,925	54,285	2,094	1,631
49	41	94 547	22 213,747	418 538,967	18,841	18,378	99	91	267	14,313	28,361	1,981	1,518
							100	92	143	7,433	14,047	1,890	1,427

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	21 482,735	398 256,647	18,538	18,075
1							51	42	93 698	20 750,667	376 773,912	18,157	17,694
2							52	43	93 160	20 030,590	356 023,245	17,774	17,311
3							53	44	92 572	19 324,472	335 992,655	17,387	16,924
4							54	45	91 937	18 632,887	316 668,183	16,995	16,532
5							55	46	91 224	17 949,946	298 035,296	16,604	16,140
6							56	47	90 454	17 280,069	280 085,351	16,209	15,745
7							57	48	89 625	16 622,896	262 805,282	15,810	15,347
8							58	49	88 746	15 980,531	246 182,386	15,405	14,942
9	0	99 469	76 234,428	2 212 983,946	29,029	28,565	59	50	87 778	15 345,715	230 201,855	15,001	14,538
10	1	99 142	73 770,858	2 136 749,518	28,965	28,501	60	51	86 732	14 721,289	214 856,139	14,595	14,132
11	2	99 105	71 595,426	2 062 978,660	28,814	28,351	61	52	85 599	14 105,746	200 134,850	14,188	13,725
12	3	99 079	69 492,158	1 991 383,234	28,656	28,193	62	53	84 402	13 503,420	186 029,104	13,776	13,313
13	4	99 055	67 451,387	1 921 891,075	28,493	28,030	63	54	83 111	12 909,586	172 525,684	13,364	12,901
14	5	99 034	65 473,202	1 854 439,688	28,324	27,860	64	55	81 758	12 329,558	159 616,099	12,946	12,483
15	6	99 009	63 549,984	1 788 966,486	28,151	27,687	65	56	80 293	11 755,952	147 286,541	12,529	12,065
16	7	98 981	61 681,744	1 725 416,503	27,973	27,510	66	57	78 742	11 193,035	135 530,589	12,108	11,645
17	8	98 943	59 862,429	1 663 734,759	27,793	27,329	67	58	77 110	10 641,774	124 337,554	11,684	11,221
18	9	98 904	58 095,410	1 603 872,330	27,608	27,144	68	59	75 374	10 099,300	113 695,780	11,258	10,795
19	10	98 842	56 368,387	1 545 776,920	27,423	26,960	69	60	73 540	9 566,519	103 596,480	10,829	10,366
20	11	98 780	54 692,340	1 489 408,533	27,232	26,769	70	61	71 557	9 037,418	94 029,961	10,405	9,941
21	12	98 714	53 063,423	1 434 716,193	27,038	26,575	71	62	69 471	8 518,510	84 992,543	9,977	9,514
22	13	98 650	51 484,887	1 381 652,771	26,836	26,373	72	63	67 252	8 006,188	76 474,033	9,552	9,089
23	14	98 585	49 952,289	1 330 167,883	26,629	26,166	73	64	64 860	7 496,545	68 467,844	9,133	8,670
24	15	98 519	48 464,657	1 280 215,594	26,415	25,952	74	65	62 329	6 994,180	60 971,299	8,717	8,254
25	16	98 449	47 019,582	1 231 750,937	26,197	25,733	75	66	59 614	6 494,687	53 977,119	8,311	7,848
26	17	98 374	45 615,690	1 184 731,355	25,972	25,509	76	67	56 776	6 005,299	47 482,432	7,907	7,444
27	18	98 297	44 252,262	1 139 115,664	25,741	25,278	77	68	53 779	5 522,639	41 477,134	7,510	7,047
28	19	98 213	42 926,789	1 094 863,403	25,505	25,042	78	69	50 606	5 045,406	35 954,495	7,126	6,663
29	20	98 131	41 641,711	1 051 936,613	25,262	24,798	79	70	47 266	4 575,191	30 909,089	6,756	6,293
30	21	98 048	40 394,311	1 010 294,903	25,011	24,548	80	71	43 872	4 122,967	26 333,898	6,387	5,924
31	22	97 961	39 183,254	969 900,592	24,753	24,290	81	72	40 347	3 681,285	22 210,930	6,033	5,570
32	23	97 866	38 005,061	930 717,338	24,489	24,026	82	73	36 749	3 255,324	18 529,645	5,692	5,229
33	24	97 771	36 862,185	892 712,277	24,218	23,754	83	74	33 139	2 849,990	15 274,321	5,359	4,896
34	25	97 678	35 754,407	855 850,093	23,937	23,474	84	75	29 564	2 468,493	12 424,332	5,033	4,570
35	26	97 577	34 677,240	820 095,686	23,649	23,186	85	76	26 006	2 108,220	9 955,839	4,722	4,259
36	27	97 466	33 629,097	785 418,446	23,355	22,892	86	77	22 488	1 769,909	7 847,619	4,434	3,971
37	28	97 352	32 611,405	751 789,349	23,053	22,590	87	78	19 094	1 458,976	6 077,710	4,166	3,703
38	29	97 231	31 622,072	719 177,944	22,743	22,280	88	79	15 840	1 175,085	4 618,734	3,931	3,467
39	30	97 099	30 659,481	687 555,872	22,426	21,962	89	80	12 945	932,392	3 443,649	3,693	3,230
40	31	96 959	29 723,385	656 896,391	22,100	21,637	90	81	10 349	723,661	2 511,257	3,470	3,007
41	32	96 795	28 808,916	627 173,006	21,770	21,307	91	82	8 166	554,399	1 787,596	3,224	2,761
42	33	96 618	27 918,602	598 364,090	21,432	20,969	92	83	6 206	409,054	1 233,197	3,015	2,552
43	34	96 427	27 051,938	570 445,488	21,087	20,624	93	84	4 542	290,671	824,143	2,835	2,372
44	35	96 203	26 202,871	543 393,551	20,738	20,275	94	85	3 221	200,125	533,472	2,666	2,202
45	36	95 957	25 374,724	517 190,680	20,382	19,919	95	86	2 201	132,774	333,347	2,511	2,047
46	37	95 681	24 564,809	491 815,955	20,021	19,558	96	87	1 447	84,754	200,574	2,367	1,903
47	38	95 367	23 771,111	467 251,146	19,656	19,193	97	88	907	51,588	115,819	2,245	1,782
48	39	95 016	22 993,795	443 480,035	19,287	18,824	98	89	546	30,137	64,231	2,131	1,668
49	40	94 614	22 229,592	420 486,240	18,916	18,452	99	90	314	16,803	34,094	2,029	1,566
							100	91	173	8,990	17,291	1,923	1,460

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	21 498,059	400 025,544	18,608	18,144
1							51	41	93 776	20 767,925	378 527,486	18,227	17,763
2							52	42	93 248	20 049,556	357 759,561	17,844	17,381
3							53	43	92 670	19 344,891	337 710,005	17,457	16,994
4							54	44	92 041	18 653,981	318 365,113	17,067	16,604
5							55	45	91 348	17 974,257	299 711,132	16,674	16,211
6							56	46	90 595	17 306,910	281 736,875	16,279	15,816
7							57	47	89 781	16 651,793	264 429,965	15,880	15,417
8							58	48	88 911	16 010,198	247 778,171	15,476	15,013
9							59	49	87 962	15 377,887	231 767,974	15,072	14,608
10	0	99 460	74 007,654	2 139 086,257	28,904	28,440	60	50	86 935	14 755,765	216 390,087	14,665	14,202
11	1	99 133	71 615,788	2 065 078,603	28,836	28,372	61	51	85 812	14 140,969	201 634,322	14,259	13,796
12	2	99 095	69 503,364	1 993 462,815	28,682	28,218	62	52	84 636	13 540,939	187 493,353	13,846	13,383
13	3	99 069	67 461,060	1 923 959,451	28,520	28,056	63	53	83 364	12 948,940	173 952,414	13,434	12,970
14	4	99 046	65 481,050	1 856 498,391	28,352	27,888	64	54	82 019	12 368,967	161 003,474	13,017	12,554
15	5	99 018	63 555,733	1 791 017,341	28,180	27,717	65	55	80 583	11 798,397	148 634,506	12,598	12,135
16	6	98 989	61 686,689	1 727 461,608	28,004	27,541	66	56	79 041	11 235,650	136 836,109	12,179	11,716
17	7	98 952	59 867,430	1 665 774,919	27,824	27,361	67	57	77 429	10 685,867	125 600,459	11,754	11,291
18	8	98 910	58 099,019	1 605 907,488	27,641	27,178	68	58	75 719	10 145,560	114 914,592	11,327	10,863
19	9	98 849	56 371,966	1 547 808,470	27,457	26,994	69	59	73 893	9 612,451	104 769,032	10,899	10,436
20	10	98 788	54 696,746	1 491 436,504	27,267	26,804	70	60	71 950	9 087,105	95 156,581	10,472	10,008
21	11	98 721	53 067,638	1 436 739,758	27,074	26,611	71	61	69 869	8 567,219	86 069,476	10,046	9,583
22	12	98 658	51 488,834	1 383 672,120	26,873	26,410	72	62	67 677	8 056,743	77 502,257	9,620	9,156
23	13	98 595	49 957,203	1 332 183,286	26,666	26,203	73	63	65 296	7 546,873	69 445,514	9,202	8,739
24	14	98 531	48 470,658	1 282 226,083	26,454	25,990	74	64	62 781	7 044,874	61 898,642	8,786	8,323
25	15	98 462	47 025,957	1 233 755,425	26,236	25,772	75	65	60 079	6 545,364	54 853,768	8,381	7,917
26	16	98 390	45 623,025	1 186 729,468	26,012	25,548	76	66	57 246	6 055,070	48 308,404	7,978	7,515
27	17	98 314	44 260,031	1 141 106,443	25,782	25,319	77	67	54 269	5 572,904	42 253,334	7,582	7,119
28	18	98 235	42 936,168	1 096 846,412	25,546	25,083	78	68	51 106	5 095,316	36 680,430	7,199	6,736
29	19	98 153	41 650,668	1 053 910,244	25,304	24,840	79	69	47 790	4 625,926	31 585,115	6,828	6,365
30	20	98 068	40 402,835	1 012 259,576	25,054	24,591	80	70	44 403	4 172,825	26 959,188	6,461	5,997
31	21	97 982	39 191,725	971 856,741	24,797	24,334	81	71	40 893	3 731,069	22 786,363	6,107	5,644
32	22	97 889	38 013,796	932 665,016	24,535	24,072	82	72	37 327	3 306,492	19 055,294	5,763	5,300
33	23	97 793	36 870,571	894 651,219	24,265	23,801	83	73	33 723	2 900,267	15 748,802	5,430	4,967
34	24	97 700	35 762,537	857 780,648	23,985	23,522	84	74	30 146	2 517,134	12 848,535	5,104	4,641
35	25	97 599	34 684,969	822 018,111	23,700	23,236	85	75	26 599	2 156,264	10 331,401	4,791	4,328
36	26	97 493	33 638,084	787 333,142	23,406	22,943	86	76	23 073	1 815,939	8 175,137	4,502	4,039
37	27	97 378	32 619,826	753 695,058	23,105	22,642	87	77	19 663	1 502,480	6 359,198	4,232	3,769
38	28	97 256	31 630,288	721 075,233	22,797	22,334	88	78	16 385	1 215,511	4 856,718	3,996	3,532
39	29	97 126	30 667,987	689 444,945	22,481	22,018	89	79	13 450	968,770	3 641,208	3,759	3,295
40	30	96 985	29 731,544	658 776,958	22,158	21,694	90	80	10 818	756,471	2 672,438	3,533	3,070
41	31	96 827	28 818,311	629 045,414	21,828	21,365	91	81	8 591	583,268	1 915,967	3,285	2,822
42	32	96 651	27 928,275	600 227,102	21,492	21,029	92	82	6 580	433,718	1 332,699	3,073	2,610
43	33	96 462	27 061,728	572 298,828	21,148	20,685	93	83	4 858	310,865	898,980	2,892	2,429
44	34	96 242	26 213,509	545 237,099	20,800	20,337	94	84	3 478	216,114	588,115	2,721	2,258
45	35	95 998	25 385,543	519 023,591	20,446	19,982	95	85	2 406	145,155	372,001	2,563	2,100
46	36	95 726	24 576,270	493 638,048	20,086	19,623	96	86	1 602	93,822	226,846	2,418	1,955
47	37	95 417	23 783,638	469 061,778	19,722	19,259	97	87	1 025	58,269	133,024	2,283	1,820
48	38	95 072	23 007,359	445 278,140	19,354	18,891	98	88	624	34,460	74,755	2,169	1,706
49	39	94 681	22 245,237	422 270,781	18,983	18,519	99	89	364	19,534	40,295	2,063	1,600
							100	90	203	10,554	20,761	1,967	1,504

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	21 513,188	401 646,080	18,670	18,207
1							51	40	93 843	20 782,739	380 132,892	18,291	17,828
2							52	41	93 326	20 066,231	359 350,153	17,908	17,445
3							53	42	92 758	19 363,208	339 283,922	17,522	17,059
4							54	43	92 138	18 673,692	319 920,714	17,132	16,669
5							55	44	91 451	17 994,606	301 247,022	16,741	16,278
6							56	45	90 718	17 330,351	283 252,417	16,344	15,881
7							57	46	89 920	16 677,659	265 922,066	15,945	15,482
8							58	47	89 066	16 038,030	249 244,407	15,541	15,078
9							59	48	88 125	15 406,434	233 206,376	15,137	14,674
10							60	49	87 117	14 786,700	217 799,942	14,729	14,266
11	0	99 451	71 845,667	2 067 234,891	28,773	28,310	61	50	86 013	14 174,086	203 013,242	14,323	13,860
12	1	99 123	69 523,131	1 995 389,225	28,701	28,238	62	51	84 848	13 574,751	188 839,156	13,911	13,448
13	2	99 085	67 471,938	1 925 866,093	28,543	28,080	63	52	83 596	12 984,919	175 264,405	13,498	13,034
14	3	99 060	65 490,441	1 858 394,156	28,377	27,913	64	53	82 269	12 406,673	162 279,486	13,080	12,617
15	4	99 030	63 563,351	1 792 903,715	28,207	27,743	65	54	80 840	11 836,108	149 872,812	12,662	12,199
16	5	98 998	61 692,270	1 729 340,365	28,032	27,568	66	55	79 327	11 276,217	138 036,704	12,241	11,778
17	6	98 960	59 872,231	1 667 648,094	27,853	27,390	67	56	77 724	10 726,552	126 760,487	11,817	11,354
18	7	98 918	58 103,873	1 607 775,864	27,671	27,207	68	57	76 033	10 187,597	116 033,935	11,390	10,927
19	8	98 855	56 375,467	1 549 671,991	27,488	27,025	69	58	74 231	9 656,481	105 846,339	10,961	10,498
20	9	98 795	54 700,219	1 493 296,524	27,300	26,836	70	59	72 296	9 130,735	96 189,857	10,535	10,072
21	10	98 729	53 071,913	1 438 596,305	27,107	26,643	71	60	70 253	8 614,321	87 059,122	10,106	9,643
22	11	98 666	51 492,924	1 385 524,392	26,907	26,444	72	61	68 064	8 102,811	78 444,801	9,681	9,218
23	12	98 602	49 961,033	1 334 031,468	26,701	26,238	73	62	65 708	7 594,527	70 341,990	9,262	8,799
24	13	98 541	48 475,426	1 284 070,435	26,489	26,026	74	63	63 202	7 092,169	62 747,464	8,847	8,384
25	14	98 474	47 031,779	1 235 595,009	26,271	25,808	75	64	60 515	6 592,804	55 565,295	8,442	7,979
26	15	98 404	45 629,210	1 188 563,229	26,048	25,585	76	65	57 693	6 102,317	49 062,490	8,040	7,577
27	16	98 330	44 267,147	1 142 934,019	25,819	25,356	77	66	54 718	5 619,092	42 960,174	7,645	7,182
28	17	98 252	42 943,706	1 098 666,871	25,584	25,121	78	67	51 571	5 141,692	37 341,082	7,262	6,799
29	18	98 174	41 659,768	1 055 723,165	25,342	24,878	79	68	48 263	4 671,686	32 199,390	6,892	6,429
30	19	98 089	40 411,526	1 014 063,397	25,093	24,630	80	69	44 895	4 219,099	27 527,704	6,525	6,061
31	20	98 003	39 199,996	973 651,871	24,838	24,375	81	70	41 387	3 776,188	23 308,605	6,173	5,709
32	21	97 910	38 022,015	934 451,875	24,577	24,113	82	71	37 832	3 351,207	19 532,418	5,828	5,365
33	22	97 816	36 879,046	896 429,861	24,307	23,844	83	72	34 253	2 945,855	16 181,210	5,493	5,030
34	23	97 722	35 770,674	859 550,815	24,029	23,566	84	73	30 678	2 561,539	13 235,356	5,167	4,704
35	24	97 621	34 692,857	823 780,141	23,745	23,282	85	74	27 123	2 198,753	10 673,816	4,854	4,391
36	25	97 514	33 645,581	789 087,285	23,453	22,990	86	75	23 599	1 857,322	8 475,064	4,563	4,100
37	26	97 404	32 628,543	755 441,703	23,153	22,690	87	76	20 174	1 541,555	6 617,742	4,293	3,830
38	27	97 281	31 638,455	722 813,161	22,846	22,383	88	77	16 873	1 251,754	5 076,187	4,055	3,592
39	28	97 152	30 675,955	691 174,706	22,531	22,068	89	78	13 913	1 002,097	3 824,433	3,816	3,353
40	29	97 012	29 739,793	660 498,752	22,209	21,746	90	79	11 240	785,986	2 822,335	3,591	3,128
41	30	96 853	28 826,222	630 758,959	21,881	21,418	91	80	8 981	609,713	2 036,350	3,340	2,877
42	31	96 683	27 937,383	601 932,736	21,546	21,083	92	81	6 923	456,304	1 426,636	3,127	2,663
43	32	96 495	27 071,104	573 995,353	21,203	20,740	93	82	5 151	329,609	970,333	2,944	2,481
44	33	96 276	26 222,996	546 924,249	20,857	20,393	94	83	3 720	231,128	640,724	2,772	2,309
45	34	96 037	25 395,849	520 701,253	20,503	20,040	95	84	2 599	156,752	409,596	2,613	2,150
46	35	95 766	24 586,748	495 305,404	20,145	19,682	96	85	1 751	102,571	252,843	2,465	2,002
47	36	95 462	23 794,734	470 718,657	19,782	19,319	97	86	1 134	64,503	150,272	2,330	1,866
48	37	95 122	23 019,484	446 923,923	19,415	18,952	98	87	705	38,923	85,769	2,204	1,740
49	38	94 736	22 258,360	423 904,439	19,045	18,582	99	88	417	22,336	46,846	2,097	1,634
							100	89	236	12,269	24,510	1,998	1,535

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	21 525,879	403 129,243	18,728	18,264
1							51	39	93 909	20 797,365	381 603,364	18,349	17,885
2							52	40	93 392	20 080,544	360 805,999	17,968	17,505
3							53	41	92 835	19 379,312	340 725,455	17,582	17,119
4							54	42	92 226	18 691,373	321 346,143	17,192	16,729
5							55	43	91 548	18 013,620	302 654,770	16,801	16,338
6							56	44	90 820	17 349,971	284 641,150	16,406	15,943
7							57	45	90 042	16 700,247	267 291,180	16,005	15,542
8							58	46	89 204	16 062,943	250 590,932	15,601	15,137
9							59	47	88 278	15 433,217	234 527,990	15,196	14,733
10							60	48	87 279	14 814,150	219 094,772	14,790	14,326
11							61	49	86 194	14 203,801	204 280,622	14,382	13,919
12	0	99 442	69 746,292	1 997 379,457	28,638	28,175	62	50	85 046	13 606,542	190 076,821	13,970	13,506
13	1	99 113	67 491,127	1 927 633,165	28,561	28,098	63	51	83 805	13 017,343	176 470,279	13,557	13,093
14	2	99 076	65 501,000	1 860 142,037	28,399	27,935	64	52	82 498	12 441,146	163 452,936	13,138	12,675
15	3	99 044	63 572,466	1 794 641,037	28,230	27,767	65	53	81 087	11 872,190	151 011,790	12,720	12,257
16	4	99 010	61 699,665	1 731 068,571	28,056	27,593	66	54	79 580	11 312,259	139 139,600	12,300	11,837
17	5	98 969	59 877,647	1 669 368,906	27,880	27,416	67	55	78 004	10 765,280	127 827,341	11,874	11,411
18	6	98 926	58 108,532	1 609 491,259	27,698	27,235	68	56	76 323	10 226,384	117 062,060	11,447	10,984
19	7	98 863	56 380,177	1 551 382,727	27,516	27,053	69	57	74 539	9 696,492	106 835,676	11,018	10,555
20	8	98 801	54 703,616	1 495 002,550	27,329	26,866	70	58	72 627	9 172,559	97 139,184	10,590	10,127
21	9	98 736	53 075,282	1 440 298,933	27,137	26,674	71	59	70 590	8 655,681	87 966,626	10,163	9,700
22	10	98 674	51 497,072	1 387 223,651	26,938	26,475	72	60	68 438	8 147,360	79 310,945	9,735	9,271
23	11	98 610	49 965,001	1 335 726,578	26,733	26,270	73	61	66 084	7 637,952	71 163,585	9,317	8,854
24	12	98 548	48 479,142	1 285 761,577	26,522	26,059	74	62	63 602	7 136,952	63 525,633	8,901	8,438
25	13	98 484	47 036,407	1 237 282,435	26,305	25,842	75	63	60 921	6 637,065	56 388,682	8,496	8,033
26	14	98 416	45 634,860	1 190 246,028	26,082	25,619	76	64	58 111	6 146,546	49 751,617	8,094	7,631
27	15	98 343	44 273,149	1 144 611,169	25,853	25,390	77	65	55 145	5 662,937	43 605,071	7,700	7,237
28	16	98 268	42 950,611	1 100 338,019	25,619	25,155	78	66	51 999	5 184,305	37 942,134	7,319	6,855
29	17	98 191	41 667,082	1 057 387,408	25,377	24,914	79	67	48 702	4 714,207	32 757,829	6,949	6,486
30	18	98 111	40 420,355	1 015 720,326	25,129	24,666	80	68	45 339	4 260,834	28 043,622	6,582	6,118
31	19	98 024	39 208,428	975 299,971	24,875	24,412	81	69	41 846	3 818,063	23 782,788	6,229	5,766
32	20	97 930	38 030,039	936 091,543	24,615	24,151	82	70	38 289	3 391,732	19 964,725	5,886	5,423
33	21	97 837	36 887,019	898 061,504	24,346	23,883	83	71	34 716	2 985,693	16 572,993	5,551	5,088
34	22	97 745	35 778,895	861 174,486	24,069	23,606	84	72	31 160	2 601,802	13 587,300	5,222	4,759
35	23	97 643	34 700,750	825 395,590	23,786	23,323	85	73	27 602	2 237,541	10 985,497	4,910	4,446
36	24	97 536	33 653,233	790 694,841	23,495	23,032	86	74	24 064	1 893,920	8 747,956	4,619	4,156
37	25	97 425	32 635,815	757 041,608	23,197	22,733	87	75	20 634	1 576,685	6 854,036	4,347	3,884
38	26	97 307	31 646,909	724 405,793	22,890	22,427	88	76	17 312	1 284,308	5 277,351	4,109	3,646
39	27	97 177	30 683,875	692 758,884	22,577	22,114	89	77	14 328	1 031,978	3 993,042	3,869	3,406
40	28	97 038	29 747,520	662 075,009	22,256	21,793	90	78	11 627	813,025	2 961,065	3,642	3,179
41	29	96 880	28 834,220	632 327,489	21,930	21,467	91	79	9 331	633,502	2 148,039	3,391	2,928
42	30	96 709	27 945,052	603 493,269	21,596	21,132	92	80	7 237	476,992	1 514,537	3,175	2,712
43	31	96 527	27 079,933	575 548,217	21,254	20,790	93	81	5 419	346,773	1 037,545	2,992	2,529
44	32	96 310	26 232,081	548 468,284	20,908	20,445	94	82	3 944	245,064	690,772	2,819	2,356
45	33	96 072	25 405,040	522 236,203	20,556	20,093	95	83	2 779	167,642	445,708	2,659	2,195
46	34	95 805	24 596,729	496 831,163	20,199	19,736	96	84	1 891	110,766	278,066	2,510	2,047
47	35	95 503	23 804,878	472 234,433	19,838	19,374	97	85	1 240	70,518	167,300	2,372	1,909
48	36	95 167	23 030,223	448 429,555	19,471	19,008	98	86	781	43,088	96,782	2,246	1,783
49	37	94 786	22 270,089	425 399,332	19,102	18,639	99	87	471	25,229	53,694	2,128	1,665
							100	88	270	14,029	28,465	2,029	1,566

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	21 537,223	404 486,237	18,781	18,318
1							51	38	93 964	20 809,633	382 949,014	18,402	17,939
2							52	39	93 458	20 094,676	362 139,381	18,022	17,558
3							53	40	92 901	19 393,135	342 044,705	17,637	17,174
4							54	41	92 302	18 706,918	322 651,570	17,248	16,784
5							55	42	91 635	18 030,676	303 944,652	16,857	16,394
6							56	43	90 916	17 368,304	285 913,976	16,462	15,999
7							57	44	90 144	16 719,154	268 545,672	16,062	15,599
8							58	45	89 325	16 084,698	251 826,518	15,656	15,193
9							59	46	88 415	15 457,190	235 741,820	15,251	14,788
10							60	47	87 431	14 839,904	220 284,630	14,844	14,381
11							61	48	86 354	14 230,169	205 444,726	14,437	13,974
12							62	49	85 225	13 635,068	191 214,557	14,024	13,561
13	0	99 431	67 707,766	1 929 470,754	28,497	28,034	63	50	84 001	13 047,828	177 579,489	13,610	13,147
14	1	99 104	65 519,630	1 861 762,988	28,415	27,952	64	51	82 704	12 472,211	164 531,661	13,192	12,729
15	2	99 060	63 582,717	1 796 243,358	28,250	27,787	65	52	81 312	11 905,178	152 059,450	12,773	12,309
16	3	99 024	61 708,513	1 732 660,641	28,078	27,615	66	53	79 823	11 346,744	140 154,272	12,352	11,889
17	4	98 980	59 884,824	1 670 952,129	27,903	27,440	67	54	78 254	10 799,690	128 807,528	11,927	11,464
18	5	98 935	58 113,789	1 611 067,304	27,723	27,259	68	55	76 598	10 263,307	118 007,838	11,498	11,035
19	6	98 871	56 384,698	1 552 953,515	27,542	27,079	69	56	74 823	9 733,409	107 744,531	11,070	10,606
20	7	98 809	54 708,187	1 496 568,817	27,355	26,892	70	57	72 928	9 210,564	98 011,122	10,641	10,178
21	8	98 742	53 078,579	1 441 860,630	27,165	26,701	71	58	70 914	8 695,328	88 800,558	10,212	9,749
22	9	98 680	51 500,342	1 388 782,051	26,966	26,503	72	59	68 767	8 186,478	80 105,229	9,785	9,322
23	10	98 618	49 969,027	1 337 281,709	26,762	26,299	73	60	66 447	7 679,945	71 918,752	9,364	8,901
24	11	98 556	48 482,993	1 287 312,682	26,552	26,089	74	61	63 965	7 177,761	64 238,807	8,950	8,486
25	12	98 491	47 040,012	1 238 829,690	26,336	25,872	75	62	61 306	6 678,974	57 061,046	8,543	8,080
26	13	98 425	45 639,349	1 191 789,677	26,113	25,650	76	63	58 501	6 187,810	50 382,073	8,142	7,679
27	14	98 356	44 278,631	1 146 150,328	25,885	25,422	77	64	55 545	5 703,982	44 194,262	7,748	7,285
28	15	98 281	42 956,434	1 101 871,697	25,651	25,188	78	65	52 405	5 224,758	38 490,281	7,367	6,904
29	16	98 207	41 673,782	1 058 915,263	25,410	24,946	79	66	49 106	4 753,277	33 265,523	6,998	6,535
30	17	98 128	40 427,452	1 017 241,481	25,162	24,699	80	67	45 752	4 299,615	28 512,246	6,631	6,168
31	18	98 046	39 216,994	976 814,029	24,908	24,445	81	68	42 260	3 855,831	24 212,630	6,279	5,816
32	19	97 952	38 038,219	937 597,035	24,649	24,186	82	69	38 714	3 429,344	20 356,799	5,936	5,473
33	20	97 857	36 894,803	899 558,816	24,382	23,918	83	70	35 136	3 021,798	16 927,455	5,602	5,139
34	21	97 766	35 786,631	862 664,013	24,106	23,643	84	71	31 582	2 636,988	13 905,657	5,273	4,810
35	22	97 666	34 708,725	826 877,383	23,823	23,360	85	72	28 036	2 272,712	11 268,669	4,958	4,495
36	23	97 559	33 660,889	792 168,657	23,534	23,071	86	73	24 488	1 927,331	8 995,957	4,668	4,204
37	24	97 447	32 643,237	758 507,768	23,236	22,773	87	74	21 041	1 607,753	7 068,626	4,397	3,933
38	25	97 329	31 653,963	725 864,531	22,931	22,468	88	75	17 706	1 313,576	5 460,872	4,157	3,694
39	26	97 203	30 692,075	694 210,568	22,619	22,155	89	76	14 701	1 058,816	4 147,296	3,917	3,454
40	27	97 063	29 755,200	663 518,494	22,299	21,836	90	77	11 973	837,268	3 088,480	3,689	3,226
41	28	96 905	28 841,711	633 763,293	21,974	21,511	91	78	9 652	655,296	2 251,212	3,435	2,972
42	29	96 736	27 952,805	604 921,582	21,641	21,178	92	79	7 519	495,602	1 595,916	3,220	2,757
43	30	96 553	27 087,367	576 968,777	21,300	20,837	93	80	5 665	362,495	1 100,314	3,035	2,572
44	31	96 341	26 240,637	549 881,410	20,955	20,492	94	81	4 150	257,826	737,819	2,862	2,398
45	32	96 105	25 413,842	523 640,774	20,605	20,141	95	82	2 947	177,750	479,993	2,700	2,237
46	33	95 840	24 605,632	498 226,932	20,248	19,785	96	83	2 023	118,461	302,243	2,551	2,088
47	34	95 541	23 814,543	473 621,300	19,888	19,425	97	84	1 339	76,152	183,781	2,413	1,950
48	35	95 207	23 040,042	449 806,757	19,523	19,060	98	85	853	47,106	107,629	2,285	1,822
49	36	94 831	22 280,479	426 766,716	19,154	18,691	99	86	521	27,928	60,523	2,167	1,704
							100	87	305	15,846	32,596	2,057	1,594



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	21 547,271	405 727,400	18,830	18,366
1							51	37	94 014	20 820,600	384 180,130	18,452	17,989
2							52	38	93 513	20 106,530	363 359,530	18,072	17,608
3							53	39	92 966	19 406,783	343 253,000	17,687	17,224
4							54	40	92 368	18 720,262	323 846,217	17,299	16,836
5							55	41	91 711	18 045,672	305 125,955	16,909	16,445
6							56	42	91 002	17 384,749	287 080,284	16,513	16,050
7							57	43	90 239	16 736,820	269 695,535	16,114	15,651
8							58	44	89 426	16 102,908	252 958,715	15,709	15,246
9							59	45	88 535	15 478,125	236 855,807	15,303	14,839
10							60	46	87 567	14 862,955	221 377,682	14,895	14,431
11							61	47	86 504	14 254,907	206 514,727	14,487	14,024
12							62	48	85 383	13 660,380	192 259,820	14,074	13,611
13							63	49	84 177	13 075,183	178 599,440	13,659	13,196
14	0	99 422	65 729,940	1 863 460,364	28,350	27,887	64	50	82 898	12 501,420	165 524,257	13,240	12,777
15	1	99 088	63 600,800	1 797 730,424	28,266	27,803	65	51	81 515	11 934,905	153 022,837	12,821	12,358
16	2	99 040	61 718,463	1 734 129,624	28,097	27,634	66	52	80 045	11 378,272	141 087,932	12,400	11,937
17	3	98 995	59 893,412	1 672 411,161	27,923	27,460	67	53	78 492	10 832,612	129 709,660	11,974	11,511
18	4	98 947	58 120,754	1 612 517,748	27,744	27,281	68	54	76 843	10 296,112	118 877,048	11,546	11,083
19	5	98 880	56 389,799	1 554 396,994	27,565	27,102	69	55	75 093	9 768,552	108 580,936	11,115	10,652
20	6	98 817	54 712,574	1 498 007,195	27,380	26,916	70	56	73 205	9 245,632	98 812,384	10,687	10,224
21	7	98 750	53 083,014	1 443 294,621	27,189	26,726	71	57	71 207	8 731,356	89 566,752	10,258	9,795
22	8	98 686	51 503,541	1 390 211,607	26,993	26,529	72	58	69 082	8 223,976	80 835,396	9,829	9,366
23	9	98 624	49 972,199	1 338 708,066	26,789	26,326	73	59	66 766	7 716,819	72 611,420	9,410	8,946
24	10	98 564	48 486,899	1 288 735,867	26,579	26,116	74	60	64 317	7 217,223	64 894,601	8,992	8,528
25	11	98 499	47 043,749	1 240 248,968	26,364	25,901	75	61	61 656	6 717,164	57 677,378	8,587	8,123
26	12	98 433	45 642,848	1 193 205,220	26,142	25,679	76	62	58 871	6 226,882	50 960,214	8,184	7,721
27	13	98 365	44 282,987	1 147 562,372	25,914	25,451	77	63	55 918	5 742,275	44 733,331	7,790	7,327
28	14	98 293	42 961,753	1 103 279,385	25,681	25,217	78	64	52 784	5 262,627	38 991,057	7,409	6,946
29	15	98 220	41 679,432	1 060 317,632	25,440	24,977	79	65	49 489	4 790,366	33 728,430	7,041	6,578
30	16	98 144	40 433,952	1 018 638,200	25,193	24,729	80	66	46 131	4 335,250	28 938,064	6,675	6,212
31	17	98 063	39 223,880	978 204,248	24,939	24,476	81	67	42 645	3 890,926	24 602,814	6,323	5,860
32	18	97 973	38 046,530	938 980,368	24,680	24,217	82	68	39 097	3 463,267	20 711,888	5,980	5,517
33	19	97 878	36 902,739	900 933,839	24,414	23,951	83	69	35 526	3 055,308	17 248,620	5,645	5,182
34	20	97 786	35 794,183	864 031,100	24,139	23,676	84	70	31 964	2 668,876	14 193,313	5,318	4,855
35	21	97 687	34 716,229	828 236,917	23,857	23,394	85	71	28 415	2 303,447	11 524,437	5,003	4,540
36	22	97 581	33 668,626	793 520,688	23,569	23,105	86	72	24 873	1 957,626	9 220,990	4,710	4,247
37	23	97 470	32 650,663	759 852,062	23,272	22,809	87	73	21 412	1 636,116	7 263,364	4,439	3,976
38	24	97 351	31 661,161	727 201,399	22,968	22,505	88	74	18 055	1 339,460	5 627,248	4,201	3,738
39	25	97 224	30 698,916	695 540,237	22,657	22,194	89	75	15 036	1 082,945	4 287,788	3,959	3,496
40	26	97 089	29 763,152	664 841,321	22,338	21,875	90	76	12 285	859,043	3 204,842	3,731	3,267
41	27	96 930	28 849,158	635 078,170	22,014	21,551	91	77	9 940	674,835	2 345,800	3,476	3,013
42	28	96 761	27 960,067	606 229,012	21,682	21,219	92	78	7 778	512,652	1 670,964	3,259	2,796
43	29	96 580	27 094,882	578 268,944	21,342	20,879	93	79	5 886	376,638	1 158,312	3,075	2,612
44	30	96 368	26 247,840	551 174,063	20,999	20,536	94	80	4 338	269,516	781,674	2,900	2,437
45	31	96 136	25 422,130	524 926,223	20,648	20,185	95	81	3 100	187,006	512,158	2,739	2,275
46	32	95 873	24 614,157	499 504,092	20,293	19,830	96	82	2 145	125,604	325,152	2,589	2,125
47	33	95 576	23 823,162	474 889,936	19,934	19,471	97	83	1 432	81,443	199,548	2,450	1,987
48	34	95 246	23 049,396	451 066,774	19,570	19,106	98	84	922	50,869	118,105	2,322	1,859
49	35	94 871	22 289,978	428 017,378	19,202	18,739	99	85	570	30,532	67,236	2,202	1,739
							100	86	337	17,541	36,704	2,092	1,629

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	21 556,457	406 862,602	18,874	18,411
1							51	36	94 058	20 830,313	385 306,145	18,497	18,034
2							52	37	93 562	20 117,126	364 475,832	18,118	17,654
3							53	38	93 021	19 418,232	344 358,707	17,734	17,271
4							54	39	92 433	18 733,436	324 940,475	17,345	16,882
5							55	40	91 776	18 058,544	306 207,039	16,956	16,493
6							56	41	91 078	17 399,207	288 148,495	16,561	16,098
7							57	42	90 325	16 752,667	270 749,288	16,162	15,698
8							58	43	89 520	16 119,923	253 996,621	15,757	15,293
9							59	44	88 635	15 495,648	237 876,698	15,351	14,888
10							60	45	87 685	14 883,085	222 381,050	14,942	14,479
11							61	46	86 638	14 277,050	207 497,964	14,534	14,070
12							62	47	85 531	13 684,128	193 220,915	14,120	13,657
13							63	48	84 333	13 099,455	179 536,787	13,706	13,242
14							64	49	83 071	12 527,629	166 437,332	13,286	12,822
15	0	99 406	63 804,952	1 799 299,031	28,200	27,737	65	50	81 706	11 962,856	153 909,702	12,866	12,402
16	1	99 068	61 736,016	1 735 494,079	28,112	27,648	66	51	80 245	11 406,683	141 946,847	12,444	11,981
17	2	99 011	59 903,070	1 673 758,063	27,941	27,478	67	52	78 710	10 862,711	130 540,164	12,017	11,554
18	3	98 961	58 129,089	1 613 854,993	27,763	27,300	68	53	77 077	10 327,499	119 677,453	11,588	11,125
19	4	98 892	56 396,558	1 555 725,904	27,585	27,122	69	54	75 333	9 799,776	109 349,954	11,158	10,695
20	5	98 826	54 717,523	1 499 329,346	27,401	26,938	70	55	73 470	9 279,013	99 550,178	10,729	10,265
21	6	98 758	53 087,270	1 444 611,823	27,212	26,749	71	56	71 478	8 764,599	90 271,165	10,300	9,836
22	7	98 694	51 507,844	1 391 524,552	27,016	26,553	72	57	69 368	8 258,051	81 506,565	9,870	9,407
23	8	98 631	49 975,303	1 340 016,708	26,814	26,350	73	58	67 072	7 752,166	73 248,514	9,449	8,986
24	9	98 570	48 489,977	1 290 041,405	26,604	26,141	74	59	64 626	7 251,875	65 496,348	9,032	8,568
25	10	98 507	47 047,539	1 241 551,428	26,389	25,926	75	60	61 995	6 754,094	58 244,473	8,624	8,160
26	11	98 441	45 646,473	1 194 503,889	26,169	25,705	76	61	59 207	6 262,488	51 490,378	8,222	7,759
27	12	98 373	44 286,382	1 148 857,416	25,942	25,478	77	62	56 271	5 778,534	45 227,891	7,827	7,364
28	13	98 303	42 965,979	1 104 571,034	25,708	25,245	78	63	53 139	5 297,957	39 449,357	7,446	6,983
29	14	98 232	41 684,592	1 061 605,055	25,468	25,004	79	64	49 848	4 825,087	34 151,400	7,078	6,615
30	15	98 157	40 439,434	1 019 920,462	25,221	24,758	80	65	46 491	4 369,077	29 326,313	6,712	6,249
31	16	98 079	39 230,186	979 481,028	24,968	24,504	81	66	42 998	3 923,174	24 957,236	6,361	5,898
32	17	97 990	38 053,209	940 250,842	24,709	24,246	82	67	39 452	3 494,789	21 034,062	6,019	5,555
33	18	97 900	36 910,802	902 197,633	24,443	23,979	83	68	35 877	3 085,531	17 539,273	5,684	5,221
34	19	97 807	35 801,882	865 286,831	24,169	23,706	84	69	32 318	2 698,472	14 453,743	5,356	4,893
35	20	97 707	34 723,556	829 484,949	23,888	23,425	85	70	28 758	2 331,302	11 755,271	5,042	4,579
36	21	97 602	33 675,905	794 761,393	23,600	23,137	86	71	25 210	1 984,100	9 423,969	4,750	4,287
37	22	97 492	32 658,168	761 085,488	23,305	22,841	87	72	21 748	1 661,833	7 439,869	4,477	4,014
38	23	97 373	31 668,365	728 427,320	23,002	22,539	88	73	18 374	1 363,090	5 778,036	4,239	3,776
39	24	97 246	30 705,897	696 758,956	22,691	22,228	89	74	15 332	1 104,285	4 414,946	3,998	3,535
40	25	97 110	29 769,786	666 053,059	22,373	21,910	90	75	12 565	878,619	3 310,661	3,768	3,305
41	26	96 956	28 856,867	636 283,273	22,050	21,586	91	76	10 198	692,386	2 432,042	3,513	3,049
42	27	96 786	27 967,287	607 426,406	21,719	21,256	92	77	8 010	527,938	1 739,656	3,295	2,832
43	28	96 605	27 101,921	579 459,119	21,381	20,918	93	78	6 088	389,596	1 211,718	3,110	2,647
44	29	96 394	26 255,122	552 357,198	21,038	20,575	94	79	4 507	280,031	822,123	2,936	2,473
45	30	96 163	25 429,109	526 102,076	20,689	20,226	95	80	3 241	195,485	542,092	2,773	2,310
46	31	95 904	24 622,184	500 672,967	20,334	19,871	96	81	2 256	132,145	346,607	2,623	2,160
47	32	95 609	23 831,416	476 050,783	19,976	19,513	97	82	1 519	86,353	214,462	2,484	2,020
48	33	95 280	23 057,738	452 219,367	19,612	19,149	98	83	986	54,403	128,108	2,355	1,892
49	34	94 910	22 299,027	429 161,630	19,246	18,783	99	84	615	32,972	73,705	2,235	1,772
							100	85	369	19,177	40,734	2,124	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	21 565,209	407 901,261	18,915	18,452
1							51	35	94 098	20 839,194	386 336,052	18,539	18,076
2							52	36	93 606	20 126,511	365 496,858	18,160	17,697
3							53	37	93 070	19 428,464	345 370,347	17,777	17,313
4							54	38	92 488	18 744,487	325 941,883	17,389	16,925
5							55	39	91 841	18 071,252	307 197,396	16,999	16,536
6							56	40	91 143	17 411,618	289 126,143	16,605	16,142
7							57	41	90 400	16 766,600	271 714,525	16,206	15,742
8							58	42	89 605	16 135,186	254 947,925	15,801	15,338
9							59	43	88 729	15 512,022	238 812,739	15,395	14,932
10							60	44	87 784	14 899,934	223 300,717	14,987	14,523
11							61	45	86 755	14 296,387	208 400,783	14,577	14,114
12							62	46	85 664	13 705,384	194 104,396	14,163	13,699
13							63	47	84 480	13 122,228	180 399,013	13,748	13,284
14							64	48	83 226	12 550,886	167 276,785	13,328	12,865
15							65	49	81 877	11 987,935	154 725,899	12,907	12,444
16	0	99 386	61 934,182	1 736 944,444	28,045	27,582	66	50	80 433	11 433,397	142 737,964	12,484	12,021
17	1	99 039	59 920,107	1 675 010,262	27,954	27,491	67	51	78 907	10 889,835	131 304,567	12,058	11,594
18	2	98 977	58 138,462	1 615 090,155	27,780	27,317	68	52	77 291	10 356,194	120 414,732	11,627	11,164
19	3	98 906	56 404,646	1 556 951,693	27,603	27,140	69	53	75 563	9 829,650	110 058,538	11,197	10,733
20	4	98 838	54 724,082	1 500 547,048	27,420	26,957	70	54	73 704	9 308,672	100 228,888	10,767	10,304
21	5	98 767	53 092,073	1 445 822,966	27,232	26,769	71	55	71 737	8 796,244	90 920,216	10,336	9,873
22	6	98 702	51 511,974	1 392 730,893	27,037	26,574	72	56	69 632	8 289,492	82 123,971	9,907	9,444
23	7	98 639	49 979,479	1 341 218,918	26,835	26,372	73	57	67 350	7 784,286	73 834,479	9,485	9,022
24	8	98 576	48 492,989	1 291 239,440	26,627	26,164	74	58	64 922	7 285,093	66 050,193	9,066	8,603
25	9	98 513	47 050,526	1 242 746,450	26,413	25,950	75	59	62 293	6 786,523	58 765,100	8,659	8,196
26	10	98 449	45 650,151	1 195 695,925	26,193	25,729	76	60	59 533	6 296,918	51 978,577	8,255	7,791
27	11	98 381	44 289,899	1 150 045,774	25,966	25,503	77	61	56 593	5 811,575	45 681,659	7,860	7,397
28	12	98 311	42 969,273	1 105 755,875	25,734	25,270	78	62	53 474	5 331,410	39 870,084	7,478	7,015
29	13	98 242	41 688,693	1 062 786,602	25,493	25,030	79	63	50 182	4 857,480	34 538,674	7,110	6,647
30	14	98 169	40 444,441	1 021 097,908	25,247	24,784	80	64	46 828	4 400,744	29 681,194	6,745	6,281
31	15	98 092	39 235,505	980 653,468	24,994	24,531	81	65	43 334	3 953,785	25 280,450	6,394	5,931
32	16	98 006	38 059,328	941 417,962	24,736	24,272	82	66	39 779	3 523,754	21 326,664	6,052	5,589
33	17	97 917	36 917,282	903 358,634	24,470	24,007	83	67	36 204	3 113,614	17 802,911	5,718	5,255
34	18	97 829	35 809,704	866 441,352	24,196	23,732	84	68	32 638	2 725,165	14 689,296	5,390	4,927
35	19	97 728	34 731,025	830 631,648	23,916	23,453	85	69	29 077	2 357,154	11 964,131	5,076	4,612
36	20	97 623	33 683,011	795 900,623	23,629	23,166	86	70	25 514	2 008,093	9 606,977	4,784	4,321
37	21	97 513	32 665,229	762 217,612	23,334	22,871	87	71	22 042	1 684,307	7 598,884	4,512	4,048
38	22	97 396	31 675,643	729 552,383	23,032	22,569	88	72	18 663	1 384,516	5 914,577	4,272	3,809
39	23	97 269	30 712,883	697 876,740	22,723	22,259	89	73	15 602	1 123,766	4 530,061	4,031	3,568
40	24	97 132	29 776,556	667 163,857	22,406	21,942	90	74	12 812	895,932	3 406,296	3,802	3,339
41	25	96 978	28 863,299	637 387,302	22,083	21,620	91	75	10 431	708,164	2 510,363	3,545	3,082
42	26	96 812	27 974,760	608 524,003	21,753	21,289	92	76	8 218	541,668	1 802,199	3,327	2,864
43	27	96 630	27 108,919	580 549,242	21,415	20,952	93	77	6 270	401,212	1 260,531	3,142	2,679
44	28	96 419	26 261,943	553 440,323	21,074	20,611	94	78	4 662	289,665	859,318	2,967	2,503
45	29	96 189	25 436,164	527 178,380	20,726	20,262	95	79	3 367	203,112	569,654	2,805	2,341
46	30	95 931	24 628,943	501 742,216	20,372	19,909	96	80	2 359	138,136	366,542	2,653	2,190
47	31	95 640	23 839,188	477 113,273	20,014	19,551	97	81	1 598	90,850	228,406	2,514	2,051
48	32	95 313	23 065,726	453 274,085	19,651	19,188	98	82	1 045	57,683	137,556	2,385	1,921
49	33	94 944	22 307,098	430 208,359	19,286	18,822	99	83	658	35,262	79,872	2,265	1,802
							100	84	398	20,709	44,610	2,154	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	21 573,014	408 851,430	18,952	18,489
1							51	34	94 136	20 847,654	387 278,416	18,577	18,113
2							52	35	93 646	20 135,092	366 430,762	18,199	17,735
3							53	36	93 114	19 437,529	346 295,670	17,816	17,353
4							54	37	92 536	18 754,365	326 858,142	17,428	16,965
5							55	38	91 895	18 081,913	308 103,776	17,039	16,576
6							56	39	91 207	17 423,872	290 021,863	16,645	16,182
7							57	40	90 464	16 778,560	272 597,992	16,247	15,784
8							58	41	89 680	16 148,605	255 819,432	15,842	15,378
9							59	42	88 813	15 526,709	239 670,827	15,436	14,973
10							60	43	87 877	14 915,679	224 144,118	15,027	14,564
11							61	44	86 854	14 312,572	209 228,439	14,619	14,155
12							62	45	85 780	13 723,946	194 915,868	14,203	13,739
13							63	46	84 611	13 142,611	181 191,921	13,787	13,323
14							64	47	83 370	12 572,704	168 049,310	13,366	12,903
15							65	48	82 029	12 010,190	155 476,606	12,945	12,482
16							66	49	80 601	11 457,367	143 466,416	12,522	12,059
17	0	99 357	60 112,444	1 676 352,016	27,887	27,424	67	50	79 092	10 915,339	132 009,050	12,094	11,631
18	1	99 005	58 154,998	1 616 239,572	27,792	27,329	68	51	77 484	10 382,054	121 093,711	11,664	11,201
19	2	98 922	56 413,740	1 558 084,575	27,619	27,156	69	52	75 772	9 856,962	110 711,658	11,232	10,769
20	3	98 852	54 731,930	1 501 670,834	27,437	26,974	70	53	73 929	9 337,049	100 854,696	10,802	10,338
21	4	98 779	53 098,437	1 446 938,905	27,250	26,787	71	54	71 966	8 824,360	91 517,647	10,371	9,908
22	5	98 711	51 516,634	1 393 840,468	27,056	26,593	72	55	69 883	8 319,422	82 693,287	9,940	9,477
23	6	98 647	49 983,486	1 342 323,833	26,855	26,392	73	56	67 606	7 813,923	74 373,865	9,518	9,055
24	7	98 584	48 497,041	1 292 340,347	26,648	26,185	74	57	65 191	7 315,278	66 559,942	9,099	8,636
25	8	98 519	47 053,448	1 243 843,306	26,435	25,971	75	58	62 578	6 817,609	59 244,664	8,690	8,227
26	9	98 455	45 653,049	1 196 789,858	26,215	25,752	76	59	59 819	6 327,152	52 427,055	8,286	7,823
27	10	98 389	44 293,467	1 151 136,809	25,989	25,526	77	60	56 904	5 843,527	46 099,903	7,889	7,426
28	11	98 318	42 972,686	1 106 843,341	25,757	25,294	78	61	53 780	5 361,895	40 256,376	7,508	7,045
29	12	98 250	41 691,889	1 063 870,655	25,517	25,054	79	62	50 499	4 888,152	34 894,481	7,139	6,675
30	13	98 179	40 448,420	1 022 178,766	25,271	24,808	80	63	47 142	4 430,288	30 006,330	6,773	6,310
31	14	98 104	39 240,363	981 730,347	25,018	24,555	81	64	43 648	3 982,442	25 576,041	6,422	5,959
32	15	98 019	38 064,488	942 489,984	24,760	24,297	82	65	40 090	3 551,249	21 593,599	6,081	5,617
33	16	97 933	36 923,218	904 425,496	24,495	24,032	83	66	36 504	3 139,420	18 042,350	5,747	5,284
34	17	97 846	35 815,991	867 502,277	24,221	23,758	84	67	32 935	2 749,969	14 902,930	5,419	4,956
35	18	97 750	34 738,613	831 686,286	23,941	23,478	85	68	29 365	2 380,471	12 152,961	5,105	4,642
36	19	97 644	33 690,257	796 947,673	23,655	23,192	86	69	25 797	2 030,361	9 772,490	4,813	4,350
37	20	97 534	32 672,122	763 257,417	23,361	22,898	87	70	22 309	1 704,675	7 742,129	4,542	4,078
38	21	97 417	31 682,492	730 585,295	23,060	22,596	88	71	18 915	1 403,239	6 037,454	4,303	3,839
39	22	97 291	30 719,942	698 902,803	22,751	22,288	89	72	15 848	1 141,429	4 634,215	4,060	3,597
40	23	97 154	29 783,330	668 182,861	22,435	21,972	90	73	13 038	911,738	3 492,786	3,831	3,368
41	24	97 000	28 869,863	638 399,531	22,113	21,650	91	74	10 636	722,119	2 581,048	3,574	3,111
42	25	96 834	27 980,996	609 529,668	21,784	21,320	92	75	8 405	554,012	1 858,930	3,355	2,892
43	26	96 656	27 116,163	581 548,673	21,447	20,983	93	76	6 433	411,647	1 304,917	3,170	2,707
44	27	96 444	26 268,724	554 432,510	21,106	20,643	94	77	4 801	298,302	893,271	2,995	2,531
45	28	96 214	25 442,772	528 163,786	20,759	20,296	95	78	3 483	210,100	594,969	2,832	2,369
46	29	95 957	24 635,776	502 721,013	20,406	19,943	96	79	2 451	143,526	384,869	2,682	2,218
47	30	95 667	23 845,732	478 085,237	20,049	19,586	97	80	1 670	94,969	241,344	2,541	2,078
48	31	95 344	23 073,249	454 239,505	19,687	19,224	98	81	1 099	60,687	146,375	2,412	1,949
49	32	94 977	22 314,826	431 166,256	19,322	18,859	99	82	698	37,388	85,687	2,292	1,829
							100	83	426	22,147	48,299	2,181	1,718

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	21 580,488	409 720,998	18,986	18,522
1							51	33	94 170	20 855,199	388 140,510	18,611	18,148
2							52	34	93 684	20 143,266	367 285,310	18,234	17,770
3							53	35	93 153	19 445,815	347 142,044	17,852	17,389
4							54	36	92 580	18 763,115	327 696,229	17,465	17,002
5							55	37	91 943	18 091,442	308 933,114	17,076	16,613
6							56	38	91 261	17 434,150	290 841,672	16,682	16,219
7							57	39	90 528	16 790,368	273 407,522	16,284	15,820
8							58	40	89 744	16 160,124	256 617,154	15,880	15,416
9							59	41	88 887	15 539,622	240 457,030	15,474	15,011
10							60	42	87 960	14 929,801	224 917,408	15,065	14,602
11							61	43	86 945	14 327,695	209 987,606	14,656	14,193
12							62	44	85 877	13 739,483	195 659,911	14,241	13,777
13							63	45	84 726	13 160,411	181 920,428	13,823	13,360
14							64	46	83 500	12 592,234	168 760,017	13,402	12,939
15							65	47	82 172	12 031,069	156 167,783	12,980	12,517
16							66	48	80 751	11 478,636	144 136,715	12,557	12,094
17							67	49	79 258	10 938,222	132 658,079	12,128	11,665
18	0	99 323	58 341,668	1 617 481,525	27,724	27,261	68	50	77 666	10 406,368	121 719,857	11,697	11,233
19	1	98 950	56 429,785	1 559 139,857	27,630	27,167	69	51	75 962	9 881,575	111 313,489	11,265	10,802
20	2	98 868	54 740,755	1 502 710,072	27,451	26,988	70	52	74 135	9 362,993	101 431,914	10,833	10,370
21	3	98 793	53 106,052	1 447 969,317	27,266	26,802	71	53	72 185	8 851,261	92 068,921	10,402	9,939
22	4	98 723	51 522,809	1 394 863,266	27,073	26,610	72	54	70 107	8 346,013	83 217,661	9,971	9,508
23	5	98 656	49 988,008	1 343 340,456	26,873	26,410	73	55	67 850	7 842,136	74 871,648	9,547	9,084
24	6	98 592	48 500,930	1 293 352,448	26,667	26,203	74	56	65 439	7 343,129	67 029,512	9,128	8,665
25	7	98 528	47 057,380	1 244 851,519	26,454	25,991	75	57	62 838	6 845,857	59 686,382	8,719	8,255
26	8	98 461	45 655,885	1 197 794,139	26,235	25,772	76	58	60 093	6 356,134	52 840,526	8,313	7,850
27	9	98 395	44 296,279	1 152 138,254	26,010	25,547	77	59	57 177	5 871,583	46 484,392	7,917	7,454
28	10	98 326	42 976,148	1 107 841,975	25,778	25,315	78	60	54 076	5 391,375	40 612,809	7,533	7,070
29	11	98 257	41 695,200	1 064 865,826	25,539	25,076	79	61	50 788	4 916,102	35 221,434	7,165	6,701
30	12	98 186	40 451,521	1 023 170,626	25,294	24,831	80	62	47 440	4 458,263	30 305,332	6,798	6,334
31	13	98 114	39 244,223	982 719,105	25,041	24,578	81	63	43 941	4 009,178	25 847,069	6,447	5,984
32	14	98 031	38 069,201	943 474,882	24,783	24,320	82	64	40 380	3 576,988	21 837,891	6,105	5,642
33	15	97 946	36 928,224	905 405,681	24,518	24,055	83	65	36 789	3 163,916	18 260,903	5,772	5,308
34	16	97 862	35 821,750	868 477,457	24,244	23,781	84	66	33 208	2 772,761	15 096,987	5,445	4,982
35	17	97 767	34 744,712	832 655,707	23,965	23,502	85	67	29 632	2 402,138	12 324,227	5,131	4,667
36	18	97 665	33 697,618	797 910,995	23,679	23,215	86	68	26 053	2 050,446	9 922,089	4,839	4,376
37	19	97 555	32 679,150	764 213,377	23,385	22,922	87	69	22 556	1 723,578	7 871,643	4,567	4,104
38	20	97 437	31 689,178	731 534,228	23,085	22,621	88	70	19 144	1 420,208	6 148,065	4,329	3,866
39	21	97 312	30 726,583	699 845,050	22,777	22,313	89	71	16 062	1 156,866	4 727,857	4,087	3,624
40	22	97 177	29 790,176	669 118,467	22,461	21,998	90	72	13 243	926,069	3 570,992	3,856	3,393
41	23	97 022	28 876,431	639 328,291	22,140	21,677	91	73	10 824	734,858	2 644,923	3,599	3,136
42	24	96 856	27 987,359	610 451,860	21,812	21,348	92	74	8 571	564,929	1 910,065	3,381	2,918
43	25	96 678	27 122,207	582 464,502	21,476	21,012	93	75	6 579	421,028	1 345,136	3,195	2,732
44	26	96 470	26 275,744	555 342,294	21,135	20,672	94	76	4 926	306,060	924,109	3,019	2,556
45	27	96 239	25 449,342	529 066,551	20,789	20,326	95	77	3 587	216,364	618,049	2,857	2,393
46	28	95 982	24 642,177	503 617,209	20,437	19,974	96	78	2 535	148,463	401,685	2,706	2,242
47	29	95 693	23 852,348	478 975,032	20,081	19,618	97	79	1 735	98,674	253,221	2,566	2,103
48	30	95 371	23 079,583	455 122,685	19,720	19,256	98	80	1 149	63,439	154,547	2,436	1,973
49	31	95 008	22 322,104	432 043,102	19,355	18,892	99	81	734	39,335	91,108	2,316	1,853
							100	82	451	23,483	51,773	2,205	1,741

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	21 587,526	410 517,002	19,016	18,553
1							51	32	94 203	20 862,425	388 929,476	18,643	18,179
2							52	33	93 718	20 150,556	368 067,051	18,266	17,803
3							53	34	93 191	19 453,710	347 916,495	17,884	17,421
4							54	35	92 619	18 771,114	328 462,784	17,498	17,035
5							55	36	91 986	18 099,882	309 691,670	17,110	16,647
6							56	37	91 309	17 443,338	291 591,788	16,717	16,253
7							57	38	90 581	16 800,273	274 148,451	16,318	15,855
8							58	39	89 807	16 171,497	257 348,178	15,914	15,450
9							59	40	88 950	15 550,707	241 176,681	15,509	15,046
10							60	41	88 034	14 942,218	225 625,974	15,100	14,637
11							61	42	87 028	14 341,261	210 683,756	14,691	14,228
12							62	43	85 968	13 754,001	196 342,495	14,275	13,812
13							63	44	84 822	13 175,310	182 588,494	13,858	13,395
14							64	45	83 613	12 609,289	169 413,184	13,436	12,972
15							65	46	82 300	12 049,757	156 803,895	13,013	12,550
16							66	47	80 891	11 498,591	144 754,138	12,589	12,126
17							67	48	79 405	10 958,528	133 255,547	12,160	11,697
18							68	49	77 829	10 428,184	122 297,020	11,728	11,264
19	0	99 268	56 610,918	1 560 290,021	27,562	27,098	69	50	76 140	9 904,717	111 868,835	11,295	10,831
20	1	98 896	54 756,324	1 503 679,103	27,461	26,998	70	51	74 320	9 386,372	101 964,119	10,863	10,400
21	2	98 809	53 114,614	1 448 922,779	27,279	26,816	71	52	72 386	8 875,854	92 577,747	10,430	9,967
22	3	98 737	51 530,198	1 395 808,164	27,087	26,624	72	53	70 320	8 371,456	83 701,892	9,998	9,535
23	4	98 667	49 994,000	1 344 277,966	26,889	26,426	73	54	68 067	7 867,202	75 330,437	9,575	9,112
24	5	98 601	48 505,317	1 294 283,967	26,683	26,220	74	55	65 675	7 369,642	67 463,235	9,154	8,691
25	6	98 536	47 061,153	1 245 778,649	26,471	26,008	75	56	63 077	6 871,921	60 093,593	8,745	8,282
26	7	98 469	45 659,699	1 198 717,496	26,253	25,790	76	57	60 342	6 382,469	53 221,672	8,339	7,876
27	8	98 401	44 299,031	1 153 057,797	26,029	25,566	77	58	57 439	5 898,478	46 839,202	7,941	7,478
28	9	98 333	42 978,877	1 108 758,766	25,798	25,335	78	59	54 335	5 417,260	40 940,724	7,557	7,094
29	10	98 265	41 698,560	1 065 779,889	25,559	25,096	79	60	51 067	4 943,130	35 523,464	7,186	6,723
30	11	98 194	40 454,734	1 024 081,330	25,314	24,851	80	61	47 711	4 483,755	30 580,333	6,820	6,357
31	12	98 121	39 247,232	983 626,596	25,062	24,599	81	62	44 219	4 034,494	26 096,578	6,468	6,005
32	13	98 041	38 072,946	944 379,364	24,804	24,341	82	63	40 651	3 601,002	22 062,085	6,127	5,663
33	14	97 958	36 932,796	906 306,418	24,539	24,076	83	64	37 055	3 186,848	18 461,083	5,793	5,330
34	15	97 875	35 826,607	869 373,622	24,266	23,803	84	65	33 467	2 794,396	15 274,235	5,466	5,003
35	16	97 783	34 750,298	833 547,015	23,987	23,524	85	66	29 878	2 422,046	12 479,839	5,153	4,689
36	17	97 682	33 703,534	798 796,717	23,701	23,237	86	67	26 290	2 069,108	10 057,792	4,861	4,398
37	18	97 576	32 686,290	765 093,183	23,407	22,944	87	68	22 780	1 740,628	7 988,684	4,590	4,126
38	19	97 458	31 695,994	732 406,893	23,107	22,644	88	69	19 356	1 435,957	6 248,056	4,351	3,888
39	20	97 332	30 733,068	700 710,899	22,800	22,337	89	70	16 256	1 170,855	4 812,099	4,110	3,647
40	21	97 198	29 796,616	669 977,832	22,485	22,022	90	71	13 422	938,592	3 641,244	3,879	3,416
41	22	97 044	28 883,068	640 181,216	22,165	21,701	91	72	10 994	746,408	2 702,652	3,621	3,158
42	23	96 878	27 993,726	611 298,147	21,837	21,374	92	73	8 722	574,895	1 956,244	3,403	2,940
43	24	96 700	27 128,375	583 304,421	21,502	21,038	93	74	6 709	429,324	1 381,348	3,217	2,754
44	25	96 492	26 281,601	556 176,047	21,162	20,699	94	75	5 038	313,034	952,024	3,041	2,578
45	26	96 265	25 456,143	529 894,446	20,816	20,353	95	76	3 680	221,991	638,990	2,878	2,415
46	27	96 007	24 648,539	504 438,303	20,465	20,002	96	77	2 611	152,890	416,999	2,727	2,264
47	28	95 718	23 858,545	479 789,764	20,110	19,647	97	78	1 795	102,069	264,109	2,588	2,124
48	29	95 397	23 085,986	455 931,220	19,749	19,286	98	79	1 194	65,914	162,040	2,458	1,995
49	30	95 034	22 328,232	432 845,234	19,386	18,922	99	80	767	41,119	96,126	2,338	1,875
							100	81	475	24,706	55,007	2,226	1,763

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	21 593,452	411 245,119	19,045	18,582
1							51	31	94 233	20 869,229	389 651,667	18,671	18,208
2							52	32	93 750	20 157,538	368 782,438	18,295	17,832
3							53	33	93 225	19 460,751	348 624,900	17,914	17,451
4							54	34	92 657	18 778,735	329 164,149	17,529	17,065
5							55	35	92 026	18 107,599	310 385,414	17,141	16,678
6							56	36	91 352	17 451,475	292 277,816	16,748	16,285
7							57	37	90 629	16 809,126	274 826,340	16,350	15,887
8							58	38	89 860	16 181,037	258 017,214	15,946	15,482
9							59	39	89 013	15 561,651	241 836,177	15,541	15,077
10							60	40	88 096	14 952,876	226 274,527	15,133	14,669
11							61	41	87 100	14 353,188	211 321,650	14,723	14,260
12							62	42	86 049	13 767,024	196 968,462	14,307	13,844
13							63	43	84 911	13 189,232	183 201,438	13,890	13,427
14							64	44	83 707	12 623,564	170 012,206	13,468	13,005
15							65	45	82 411	12 066,077	157 388,642	13,044	12,581
16							66	46	81 017	11 516,452	145 322,565	12,619	12,155
17							67	47	79 543	10 977,578	133 806,114	12,189	11,726
18							68	48	77 973	10 447,543	122 828,535	11,757	11,293
19							69	49	76 299	9 925,482	112 380,992	11,322	10,859
20	0	99 213	54 932,085	1 504 744,815	27,393	26,930	70	50	74 494	9 408,354	102 455,510	10,890	10,427
21	1	98 837	53 129,721	1 449 812,730	27,288	26,825	71	51	72 567	8 898,017	93 047,156	10,457	9,994
22	2	98 753	51 538,507	1 396 683,009	27,100	26,637	72	52	70 516	8 394,716	84 149,139	10,024	9,561
23	3	98 682	50 001,169	1 345 144,502	26,902	26,439	73	53	68 275	7 891,185	75 754,423	9,600	9,137
24	4	98 613	48 511,131	1 295 143,333	26,698	26,235	74	54	65 885	7 393,198	67 863,238	9,179	8,716
25	5	98 545	47 065,410	1 246 632,202	26,487	26,024	75	55	63 305	6 896,732	60 470,040	8,768	8,305
26	6	98 477	45 663,361	1 199 566,791	26,270	25,807	76	56	60 571	6 406,770	53 573,308	8,362	7,899
27	7	98 409	44 302,732	1 153 903,431	26,046	25,583	77	57	57 677	5 922,918	47 166,538	7,963	7,500
28	8	98 339	42 981,546	1 109 600,698	25,816	25,353	78	58	54 584	5 442,074	41 243,620	7,579	7,115
29	9	98 272	41 701,207	1 066 619,152	25,578	25,114	79	59	51 312	4 966,864	35 801,546	7,208	6,745
30	10	98 202	40 457,993	1 024 917,945	25,333	24,870	80	60	47 973	4 508,406	30 834,683	6,839	6,376
31	11	98 129	39 250,349	984 459,952	25,082	24,618	81	61	44 471	4 057,563	26 326,276	6,488	6,025
32	12	98 049	38 075,865	945 209,603	24,824	24,361	82	62	40 908	3 623,740	22 268,713	6,145	5,682
33	13	97 968	36 936,430	907 133,738	24,559	24,096	83	63	37 304	3 208,243	18 644,973	5,812	5,348
34	14	97 887	35 831,043	870 197,309	24,286	23,823	84	64	33 709	2 814,650	15 436,730	5,484	5,021
35	15	97 796	34 755,010	834 366,266	24,007	23,544	85	65	30 111	2 440,945	12 622,081	5,171	4,708
36	16	97 698	33 708,953	799 611,256	23,721	23,258	86	66	26 508	2 086,257	10 181,136	4,880	4,417
37	17	97 593	32 692,028	765 902,303	23,428	22,965	87	67	22 987	1 756,471	8 094,879	4,609	4,145
38	18	97 480	31 702,919	733 210,275	23,128	22,664	88	68	19 548	1 450,162	6 338,408	4,371	3,908
39	19	97 353	30 739,678	701 507,356	22,821	22,358	89	69	16 436	1 183,839	4 888,247	4,129	3,666
40	20	97 218	29 802,904	670 767,678	22,507	22,044	90	70	13 585	949,942	3 704,408	3,900	3,436
41	21	97 065	28 889,312	640 964,773	22,187	21,724	91	71	11 143	756,502	2 754,465	3,641	3,178
42	22	96 900	28 000,160	612 075,461	21,860	21,396	92	72	8 859	583,932	1 997,963	3,422	2,958
43	23	96 722	27 134,547	584 075,301	21,525	21,062	93	73	6 827	436,898	1 414,031	3,237	2,773
44	24	96 514	26 287,577	556 940,754	21,186	20,723	94	74	5 138	319,203	977,134	3,061	2,598
45	25	96 286	25 461,817	530 653,177	20,841	20,378	95	75	3 764	227,050	657,931	2,898	2,435
46	26	96 033	24 655,126	505 191,360	20,490	20,027	96	76	2 679	156,866	430,881	2,747	2,284
47	27	95 743	23 864,705	480 536,234	20,136	19,673	97	77	1 849	105,113	274,014	2,607	2,144
48	28	95 422	23 091,984	456 671,529	19,776	19,313	98	78	1 235	68,181	168,902	2,477	2,014
49	29	95 060	22 334,427	433 579,546	19,413	18,950	99	79	797	42,723	100,720	2,358	1,894
							100	80	496	25,826	57,997	2,246	1,782

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	21 599,443	411 911,607	19,070	18,607
1							51	30	94 259	20 874,958	390 312,164	18,698	18,234
2							52	31	93 781	20 164,112	369 437,206	18,322	17,858
3							53	32	93 257	19 467,493	349 273,094	17,941	17,478
4							54	33	92 690	18 785,532	329 805,601	17,556	17,093
5							55	34	92 063	18 114,950	311 020,069	17,169	16,706
6							56	35	91 391	17 458,916	292 905,119	16,777	16,314
7							57	36	90 671	16 816,968	275 446,204	16,379	15,916
8							58	37	89 907	16 189,564	258 629,236	15,975	15,512
9							59	38	89 065	15 570,831	242 439,672	15,570	15,107
10							60	39	88 158	14 963,400	226 868,841	15,162	14,698
11							61	40	87 162	14 363,427	211 905,441	14,753	14,290
12							62	41	86 121	13 778,473	197 542,015	14,337	13,874
13							63	42	84 992	13 201,720	183 763,541	13,920	13,456
14							64	43	83 796	12 636,903	170 561,821	13,497	13,034
15							65	44	82 504	12 079,737	157 924,919	13,074	12,610
16							66	45	81 127	11 532,050	145 845,182	12,647	12,184
17							67	46	79 666	10 994,630	134 313,132	12,216	11,753
18							68	47	78 109	10 465,706	123 318,502	11,783	11,320
19							69	48	76 441	9 943,907	112 852,796	11,349	10,886
20							70	49	74 650	9 428,078	102 908,889	10,915	10,452
21	0	99 154	53 300,261	1 450 800,671	27,219	26,756	71	50	72 736	8 918,856	93 480,810	10,481	10,018
22	1	98 781	51 553,165	1 397 500,410	27,108	26,645	72	51	70 692	8 415,678	84 561,955	10,048	9,585
23	2	98 698	50 009,231	1 345 947,245	26,914	26,451	73	52	68 464	7 913,111	76 146,277	9,623	9,160
24	3	98 627	48 518,088	1 295 938,013	26,710	26,247	74	53	66 086	7 415,736	68 233,166	9,201	8,738
25	4	98 556	47 071,052	1 247 419,925	26,501	26,038	75	54	63 507	6 918,777	60 817,431	8,790	8,327
26	5	98 486	45 667,492	1 200 348,873	26,285	25,821	76	55	60 790	6 429,901	53 898,654	8,383	7,919
27	6	98 417	44 306,285	1 154 681,382	26,061	25,598	77	56	57 897	5 945,468	47 468,753	7,984	7,521
28	7	98 347	42 985,138	1 110 375,097	25,832	25,368	78	57	54 810	5 464,623	41 523,284	7,599	7,135
29	8	98 278	41 703,797	1 067 389,960	25,595	25,131	79	58	51 548	4 989,615	36 058,662	7,227	6,764
30	9	98 208	40 460,562	1 025 686,162	25,350	24,887	80	59	48 204	4 530,053	31 069,047	6,858	6,395
31	10	98 137	39 253,511	985 225,601	25,099	24,636	81	60	44 716	4 079,871	26 538,994	6,505	6,042
32	11	98 056	38 078,889	945 972,089	24,842	24,379	82	61	41 142	3 644,461	22 459,123	6,163	5,699
33	12	97 975	36 939,261	907 893,200	24,578	24,115	83	62	37 540	3 228,501	18 814,663	5,828	5,364
34	13	97 897	35 834,568	870 953,939	24,305	23,842	84	63	33 936	2 833,546	15 586,162	5,501	5,037
35	14	97 808	34 759,313	835 119,372	24,026	23,563	85	64	30 329	2 458,637	12 752,616	5,187	4,724
36	15	97 711	33 713,523	800 360,059	23,740	23,277	86	65	26 714	2 102,536	10 293,979	4,896	4,433
37	16	97 609	32 697,285	766 646,536	23,447	22,984	87	66	23 177	1 771,028	8 191,444	4,625	4,162
38	17	97 497	31 708,485	733 949,251	23,147	22,684	88	67	19 725	1 463,360	6 420,416	4,387	3,924
39	18	97 375	30 746,395	702 240,766	22,840	22,377	89	68	16 599	1 195,550	4 957,055	4,146	3,683
40	19	97 239	29 809,315	671 494,371	22,526	22,063	90	69	13 735	960,477	3 761,506	3,916	3,453
41	20	97 086	28 895,409	641 685,056	22,207	21,744	91	70	11 278	765,651	2 801,029	3,658	3,195
42	21	96 921	28 006,214	612 789,647	21,880	21,417	92	71	8 979	591,828	2 035,378	3,439	2,976
43	22	96 744	27 140,784	584 783,434	21,546	21,083	93	72	6 934	443,765	1 443,550	3,253	2,790
44	23	96 536	26 293,558	557 642,650	21,208	20,745	94	73	5 228	324,834	999,785	3,078	2,615
45	24	96 308	25 467,607	531 349,092	20,864	20,400	95	74	3 838	231,524	674,951	2,915	2,452
46	25	96 054	24 660,621	505 881,486	20,514	20,051	96	75	2 740	160,441	443,427	2,764	2,301
47	26	95 768	23 871,082	481 220,864	20,159	19,696	97	76	1 897	107,846	282,986	2,624	2,161
48	27	95 447	23 097,946	457 349,782	19,800	19,337	98	77	1 272	70,214	175,140	2,494	2,031
49	28	95 085	22 340,229	434 251,836	19,438	18,975	99	78	825	44,193	104,925	2,374	1,911
							100	79	516	26,833	60,733	2,263	1,800



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	21 605,054	412 521,707	19,094	18,631
1							51	29	94 285	20 880,749	390 916,652	18,721	18,258
2							52	30	93 807	20 169,647	370 035,903	18,346	17,883
3							53	31	93 288	19 473,842	349 866,256	17,966	17,503
4							54	32	92 722	18 792,040	330 392,413	17,582	17,118
5							55	33	92 096	18 121,506	311 600,373	17,195	16,732
6							56	34	91 428	17 466,004	293 478,867	16,803	16,340
7							57	35	90 710	16 824,138	276 012,863	16,406	15,943
8							58	36	89 949	16 197,117	259 188,726	16,002	15,539
9							59	37	89 112	15 579,036	242 991,609	15,597	15,134
10							60	38	88 210	14 972,227	227 412,573	15,189	14,726
11							61	39	87 224	14 373,535	212 440,346	14,780	14,317
12							62	40	86 182	13 788,302	198 066,811	14,365	13,902
13							63	41	85 062	13 212,700	184 278,509	13,947	13,484
14							64	42	83 875	12 648,868	171 065,810	13,524	13,061
15							65	43	82 592	12 092,501	158 416,942	13,100	12,637
16							66	44	81 218	11 545,105	146 324,441	12,674	12,211
17							67	45	79 774	11 009,521	134 779,336	12,242	11,779
18							68	46	78 230	10 481,962	123 769,814	11,808	11,345
19							69	47	76 574	9 961,194	113 287,852	11,373	10,910
20							70	48	74 788	9 445,581	103 326,658	10,939	10,476
21							71	49	72 889	8 937,554	93 881,077	10,504	10,041
22	0	99 098	51 718,645	1 398 416,690	27,039	26,576	72	50	70 857	8 435,387	84 943,523	10,070	9,607
23	1	98 726	50 023,455	1 346 698,045	26,921	26,458	73	51	68 635	7 932,870	76 508,137	9,644	9,181
24	2	98 643	48 525,911	1 296 674,590	26,721	26,258	74	52	66 270	7 436,341	68 575,267	9,222	8,758
25	3	98 570	47 077,802	1 248 148,679	26,512	26,049	75	53	63 701	6 939,868	61 138,927	8,810	8,347
26	4	98 498	45 672,965	1 201 070,877	26,297	25,834	76	54	60 984	6 450,453	54 199,058	8,402	7,939
27	5	98 426	44 310,293	1 155 397,912	26,075	25,612	77	55	58 106	5 966,935	47 748,605	8,002	7,539
28	6	98 355	42 988,584	1 111 087,619	25,846	25,383	78	56	55 019	5 485,428	41 781,670	7,617	7,154
29	7	98 286	41 707,282	1 068 099,035	25,609	25,146	79	57	51 761	5 010,289	36 296,242	7,244	6,781
30	8	98 215	40 463,075	1 026 391,753	25,366	24,903	80	58	48 425	4 550,803	31 285,953	6,875	6,412
31	9	98 143	39 256,004	985 928,678	25,115	24,652	81	59	44 931	4 099,460	26 735,151	6,522	6,058
32	10	98 064	38 081,957	946 672,675	24,859	24,396	82	60	41 368	3 664,498	22 635,691	6,177	5,714
33	11	97 983	36 942,195	908 590,718	24,595	24,132	83	61	37 754	3 246,961	18 971,193	5,843	5,380
34	12	97 904	35 837,315	871 648,523	24,322	23,859	84	62	34 150	2 851,438	15 724,232	5,514	5,051
35	13	97 818	34 762,732	835 811,208	24,043	23,580	85	63	30 533	2 475,143	12 872,794	5,201	4,738
36	14	97 723	33 717,697	801 048,475	23,758	23,294	86	64	26 908	2 117,775	10 397,651	4,910	4,446
37	15	97 622	32 701,718	767 330,778	23,465	23,001	87	65	23 358	1 784,847	8 279,877	4,639	4,176
38	16	97 512	31 713,583	734 629,060	23,164	22,701	88	66	19 889	1 475,489	6 495,030	4,402	3,939
39	17	97 392	30 751,793	702 915,477	22,858	22,394	89	67	16 750	1 206,431	5 019,541	4,161	3,697
40	18	97 260	29 815,828	672 163,684	22,544	22,081	90	68	13 871	969,978	3 813,110	3,931	3,468
41	19	97 107	28 901,625	642 347,857	22,225	21,762	91	69	11 403	774,141	2 843,132	3,673	3,209
42	20	96 941	28 012,124	613 446,232	21,899	21,436	92	70	9 087	598,985	2 068,991	3,454	2,991
43	21	96 765	27 146,651	585 434,108	21,566	21,102	93	71	7 028	449,766	1 470,006	3,268	2,805
44	22	96 558	26 299,601	558 287,457	21,228	20,765	94	72	5 310	329,940	1 020,240	3,092	2,629
45	23	96 330	25 473,401	531 987,856	20,884	20,421	95	73	3 906	235,608	690,300	2,930	2,467
46	24	96 076	24 666,229	506 514,455	20,535	20,072	96	74	2 794	163,603	454,692	2,779	2,316
47	25	95 790	23 876,403	481 848,225	20,181	19,718	97	75	1 940	110,304	291,089	2,639	2,176
48	26	95 472	23 104,119	457 971,823	19,822	19,359	98	76	1 305	72,041	180,785	2,509	2,046
49	27	95 109	22 345,997	434 867,704	19,461	18,997	99	77	849	45,511	108,745	2,389	1,926
							100	78	533	27,757	63,234	2,278	1,815

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	21 610,633	413 080,494	19,115	18,651
1							51	28	94 310	20 886,174	391 469,861	18,743	18,280
2							52	29	93 833	20 175,243	370 583,687	18,368	17,905
3							53	30	93 313	19 479,188	350 408,444	17,989	17,526
4							54	31	92 753	18 798,169	330 929,256	17,604	17,141
5							55	32	92 128	18 127,785	312 131,087	17,218	16,755
6							56	33	91 461	17 472,325	294 003,302	16,827	16,364
7							57	34	90 747	16 830,968	276 530,977	16,430	15,967
8							58	35	89 987	16 204,022	259 700,009	16,027	15,564
9							59	36	89 154	15 586,304	243 495,987	15,622	15,159
10							60	37	88 257	14 980,117	227 909,683	15,214	14,751
11							61	38	87 275	14 382,014	212 929,566	14,805	14,342
12							62	39	86 243	13 798,005	198 547,552	14,390	13,926
13							63	40	85 123	13 222,124	184 749,546	13,973	13,510
14							64	41	83 945	12 659,387	171 527,422	13,549	13,086
15							65	42	82 670	12 103,951	158 868,035	13,125	12,662
16							66	43	81 304	11 557,304	146 764,084	12,699	12,236
17							67	44	79 865	11 021,985	135 206,779	12,267	11,804
18							68	45	78 336	10 496,159	124 184,794	11,831	11,368
19							69	46	76 693	9 976,667	113 688,635	11,395	10,932
20							70	47	74 918	9 462,001	103 711,968	10,961	10,498
21							71	48	73 024	8 954,145	94 249,967	10,526	10,063
22							72	49	71 006	8 453,071	85 295,821	10,091	9,627
23	0	99 043	50 184,024	1 347 548,230	26,852	26,389	73	50	68 796	7 951,448	76 842,750	9,664	9,201
24	1	98 671	48 539,713	1 297 364,206	26,728	26,265	74	51	66 435	7 454,909	68 891,302	9,241	8,778
25	2	98 586	47 085,393	1 248 824,493	26,523	26,059	75	52	63 878	6 959,151	61 436,393	8,828	8,365
26	3	98 512	45 679,515	1 201 739,100	26,308	25,845	76	53	61 170	6 470,117	54 477,242	8,420	7,957
27	4	98 438	44 315,604	1 156 059,585	26,087	25,624	77	54	58 291	5 986,007	48 007,125	8,020	7,557
28	5	98 364	42 992,473	1 111 743,981	25,859	25,396	78	55	55 218	5 505,234	42 021,118	7,633	7,170
29	6	98 294	41 710,626	1 068 751,508	25,623	25,160	79	56	51 958	5 029,364	36 515,885	7,261	6,797
30	7	98 223	40 466,455	1 027 040,882	25,380	24,917	80	57	48 625	4 569,658	31 486,520	6,890	6,427
31	8	98 149	39 258,442	986 574,426	25,130	24,667	81	58	45 136	4 118,237	26 916,862	6,536	6,073
32	9	98 070	38 084,375	947 315,984	24,874	24,411	82	59	41 567	3 682,092	22 798,624	6,192	5,729
33	10	97 991	36 945,171	909 231,610	24,610	24,147	83	60	37 962	3 264,813	19 116,532	5,855	5,392
34	11	97 912	35 840,161	872 286,438	24,338	23,875	84	61	34 345	2 867,742	15 851,719	5,528	5,064
35	12	97 825	34 765,397	836 446,277	24,060	23,597	85	62	30 725	2 490,772	12 983,977	5,213	4,750
36	13	97 733	33 721,014	801 680,880	23,774	23,311	86	63	27 089	2 131,992	10 493,205	4,922	4,459
37	14	97 634	32 705,767	767 959,865	23,481	23,018	87	64	23 528	1 797,784	8 361,213	4,651	4,188
38	15	97 526	31 717,883	735 254,099	23,181	22,718	88	65	20 044	1 487,002	6 563,430	4,414	3,951
39	16	97 407	30 756,737	703 536,216	22,874	22,411	89	66	16 889	1 216,430	5 076,428	4,173	3,710
40	17	97 277	29 821,062	672 779,478	22,561	22,097	90	67	13 997	978,806	3 859,998	3,944	3,480
41	18	97 128	28 907,939	642 958,416	22,242	21,778	91	68	11 515	781,799	2 881,192	3,685	3,222
42	19	96 962	28 018,149	614 050,477	21,916	21,453	92	69	9 188	605,627	2 099,393	3,466	3,003
43	20	96 785	27 152,380	586 032,328	21,583	21,120	93	70	7 113	455,205	1 493,766	3,282	2,818
44	21	96 579	26 305,287	558 879,947	21,246	20,783	94	71	5 382	334,402	1 038,560	3,106	2,643
45	22	96 352	25 479,256	532 574,660	20,902	20,439	95	72	3 967	239,312	704,159	2,942	2,479
46	23	96 098	24 671,841	507 095,405	20,554	20,090	96	73	2 843	166,489	464,847	2,792	2,329
47	24	95 811	23 881,832	482 423,564	20,200	19,737	97	74	1 978	112,477	298,358	2,653	2,189
48	25	95 493	23 109,268	458 541,731	19,842	19,379	98	75	1 335	73,682	185,881	2,523	2,060
49	26	95 135	22 351,969	435 432,463	19,481	19,017	99	76	871	46,694	112,199	2,403	1,940
							100	77	549	28,584	65,504	2,292	1,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 3,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	21 616,408	413 592,813	19,133	18,670
1							51	27	94 334	20 891,567	391 976,406	18,762	18,299
2							52	28	93 857	20 180,485	371 084,839	18,388	17,925
3							53	29	93 339	19 484,592	350 904,354	18,009	17,546
4							54	30	92 778	18 803,329	331 419,761	17,626	17,162
5							55	31	92 158	18 133,697	312 616,432	17,240	16,776
6							56	32	91 493	17 478,379	294 482,736	16,848	16,385
7							57	33	90 780	16 837,059	277 004,357	16,452	15,989
8							58	34	90 024	16 210,601	260 167,297	16,049	15,586
9							59	35	89 192	15 592,949	243 956,697	15,645	15,182
10							60	36	88 298	14 987,105	228 363,747	15,237	14,774
11							61	37	87 321	14 389,593	213 376,642	14,829	14,365
12							62	38	86 294	13 806,145	198 987,049	14,413	13,950
13							63	39	85 183	13 231,430	185 180,904	13,996	13,532
14							64	40	84 005	12 668,417	171 949,474	13,573	13,110
15							65	41	82 739	12 114,017	159 281,057	13,148	12,685
16							66	42	81 381	11 568,247	147 167,039	12,722	12,258
17							67	43	79 949	11 033,632	135 598,792	12,290	11,826
18							68	44	78 425	10 508,042	124 565,160	11,854	11,391
19							69	45	76 797	9 990,179	114 057,119	11,417	10,954
20							70	46	75 035	9 476,699	104 066,939	10,981	10,518
21							71	47	73 151	8 969,712	94 590,240	10,546	10,082
22							72	48	71 138	8 468,763	85 620,529	10,110	9,647
23							73	49	68 940	7 968,118	77 151,765	9,683	9,219
24	0	98 988	48 695,520	1 298 153,389	26,659	26,195	74	50	66 591	7 472,368	69 183,647	9,259	8,795
25	1	98 614	47 098,785	1 249 457,869	26,528	26,065	75	51	64 037	6 976,528	61 711,279	8,846	8,382
26	2	98 528	45 686,881	1 202 359,085	26,317	25,854	76	52	61 340	6 488,095	54 734,752	8,436	7,973
27	3	98 452	44 321,959	1 156 672,204	26,097	25,634	77	53	58 469	6 004,255	48 246,657	8,035	7,572
28	4	98 375	42 997,627	1 112 350,245	25,870	25,407	78	54	55 394	5 522,830	42 242,402	7,649	7,185
29	5	98 303	41 714,399	1 069 352,618	25,635	25,172	79	55	52 146	5 047,523	36 719,572	7,275	6,812
30	6	98 231	40 469,700	1 027 638,219	25,393	24,930	80	56	48 810	4 587,057	31 672,049	6,905	6,441
31	7	98 157	39 261,722	987 168,519	25,143	24,680	81	57	45 323	4 135,301	27 084,992	6,550	6,086
32	8	98 077	38 086,740	947 906,797	24,888	24,425	82	58	41 757	3 698,958	22 949,691	6,204	5,741
33	9	97 997	36 947,517	909 820,057	24,625	24,161	83	59	38 144	3 280,488	19 250,733	5,868	5,405
34	10	97 920	35 843,049	872 872,539	24,353	23,889	84	60	34 534	2 883,509	15 970,245	5,538	5,075
35	11	97 833	34 768,159	837 029,491	24,075	23,611	85	61	30 901	2 505,014	13 086,736	5,224	4,761
36	12	97 740	33 723,599	802 261,332	23,789	23,326	86	62	27 260	2 145,454	10 581,722	4,932	4,469
37	13	97 644	32 708,984	768 537,733	23,496	23,033	87	63	23 685	1 809,853	8 436,268	4,661	4,198
38	14	97 538	31 721,810	735 828,748	23,196	22,733	88	64	20 189	1 497,779	6 626,415	4,424	3,961
39	15	97 421	30 760,907	704 106,938	22,890	22,426	89	65	17 021	1 225,922	5 128,635	4,183	3,720
40	16	97 293	29 825,857	673 346,031	22,576	22,113	90	66	14 113	986,918	3 902,714	3,954	3,491
41	17	97 145	28 913,014	643 520,174	22,257	21,794	91	67	11 620	788,915	2 915,795	3,696	3,233
42	18	96 983	28 024,271	614 607,159	21,931	21,468	92	68	9 279	611,618	2 126,881	3,477	3,014
43	19	96 806	27 158,221	586 582,888	21,599	21,135	93	69	7 192	460,253	1 515,263	3,292	2,829
44	20	96 599	26 310,838	559 424,668	21,262	20,799	94	70	5 447	338,445	1 055,009	3,117	2,654
45	21	96 373	25 484,764	533 113,829	20,919	20,456	95	71	4 021	242,548	716,564	2,954	2,491
46	22	96 120	24 677,512	507 629,065	20,571	20,107	96	72	2 888	169,106	474,016	2,803	2,340
47	23	95 833	23 887,266	482 951,553	20,218	19,755	97	73	2 013	114,462	304,910	2,664	2,201
48	24	95 515	23 114,523	459 064,288	19,860	19,397	98	74	1 361	75,134	190,449	2,535	2,072
49	25	95 156	22 356,951	435 949,764	19,500	19,036	99	75	891	47,758	115,314	2,415	1,951
							100	76	564	29,328	67,556	2,304	1,840

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 3,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	21 621,226	414 061,934	19,151	18,687
1							51	26	94 359	20 897,150	392 440,709	18,780	18,316
2							52	27	93 881	20 185,695	371 543,559	18,406	17,943
3							53	28	93 363	19 489,655	351 357,863	18,028	17,565
4							54	29	92 804	18 808,546	331 868,209	17,645	17,181
5							55	30	92 183	18 138,675	313 059,663	17,259	16,796
6							56	31	91 522	17 484,079	294 920,988	16,868	16,405
7							57	32	90 811	16 842,893	277 436,909	16,472	16,009
8							58	33	90 057	16 216,468	260 594,016	16,070	15,606
9							59	34	89 228	15 599,280	244 377,549	15,666	15,203
10							60	35	88 336	14 993,495	228 778,269	15,259	14,795
11							61	36	87 362	14 396,306	213 784,774	14,850	14,387
12							62	37	86 339	13 813,421	199 388,467	14,434	13,971
13							63	38	85 233	13 239,235	185 575,047	14,017	13,554
14							64	39	84 064	12 677,333	172 335,812	13,594	13,131
15							65	40	82 798	12 122,658	159 658,479	13,170	12,707
16							66	41	81 449	11 577,868	147 535,821	12,743	12,280
17							67	42	80 025	11 044,079	135 957,952	12,310	11,847
18							68	43	78 508	10 519,145	124 913,874	11,875	11,412
19							69	44	76 884	10 001,489	114 394,728	11,438	10,975
20							70	45	75 136	9 489,534	104 393,239	11,001	10,538
21							71	46	73 265	8 983,644	94 903,705	10,564	10,101
22							72	47	71 261	8 483,486	85 920,061	10,128	9,665
23							73	48	69 068	7 982,910	77 436,575	9,700	9,237
24							74	49	66 730	7 488,034	69 453,665	9,275	8,812
25	0	98 931	47 249,966	1 250 190,710	26,459	25,996	75	50	64 187	6 992,866	61 965,631	8,861	8,398
26	1	98 556	45 699,875	1 202 940,744	26,323	25,859	76	51	61 494	6 504,296	54 972,765	8,452	7,989
27	2	98 468	44 329,106	1 157 240,869	26,106	25,642	77	52	58 631	6 020,938	48 468,469	8,050	7,587
28	3	98 390	43 003,793	1 112 911,763	25,879	25,416	78	53	55 563	5 539,666	42 447,531	7,662	7,199
29	4	98 314	41 719,399	1 069 907,971	25,645	25,182	79	54	52 312	5 063,657	36 907,865	7,289	6,826
30	5	98 239	40 473,361	1 028 188,571	25,404	24,941	80	55	48 987	4 603,618	31 844,208	6,917	6,454
31	6	98 165	39 264,870	987 715,210	25,155	24,692	81	56	45 496	4 151,045	27 240,590	6,562	6,099
32	7	98 085	38 089,922	948 450,340	24,900	24,437	82	57	41 930	3 714,284	23 089,545	6,216	5,753
33	8	98 003	36 949,812	910 360,417	24,638	24,175	83	58	38 319	3 295,515	19 375,261	5,879	5,416
34	9	97 926	35 845,324	873 410,605	24,366	23,903	84	59	34 700	2 897,353	16 079,746	5,550	5,087
35	10	97 841	34 770,960	837 565,281	24,088	23,625	85	60	31 071	2 518,787	13 182,393	5,234	4,770
36	11	97 748	33 726,278	802 794,321	23,803	23,340	86	61	27 416	2 157,722	10 663,606	4,942	4,479
37	12	97 651	32 711,492	769 068,043	23,511	23,047	87	62	23 835	1 821,281	8 505,884	4,670	4,207
38	13	97 547	31 724,931	736 356,551	23,211	22,747	88	63	20 325	1 507,835	6 684,603	4,433	3,970
39	14	97 433	30 764,716	704 631,620	22,904	22,441	89	64	17 144	1 234,807	5 176,769	4,192	3,729
40	15	97 306	29 829,901	673 866,905	22,590	22,127	90	65	14 224	994,619	3 941,962	3,963	3,500
41	16	97 160	28 917,663	644 037,004	22,271	21,808	91	66	11 717	795,453	2 947,342	3,705	3,242
42	17	97 001	28 029,191	615 119,340	21,946	21,482	92	67	9 364	617,185	2 151,889	3,487	3,023
43	18	96 827	27 164,154	587 090,149	21,613	21,149	93	68	7 263	464,806	1 534,704	3,302	2,839
44	19	96 620	26 316,498	559 925,995	21,277	20,813	94	69	5 508	342,198	1 069,898	3,127	2,663
45	20	96 393	25 490,142	533 609,497	20,934	20,471	95	70	4 070	245,481	727,700	2,964	2,501
46	21	96 141	24 682,847	508 119,355	20,586	20,123	96	71	2 927	171,393	482,219	2,814	2,350
47	22	95 855	23 892,756	483 436,508	20,234	19,770	97	72	2 045	116,261	310,826	2,674	2,210
48	23	95 537	23 119,782	459 543,752	19,877	19,413	98	73	1 385	76,460	194,565	2,545	2,081
49	24	95 178	22 362,035	436 423,969	19,516	19,053	99	74	909	48,699	118,106	2,425	1,962
							100	75	576	29,996	69,406	2,314	1,851

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 815 458,900	28,155	27,691	50	50	93 003	18 792,929	321 523,772	17,109	16,645
1	1	99 275	96 150,263	2 715 458,900	28,242	27,778	51	51	92 389	18 081,284	302 730,843	16,743	16,279
2	2	99 212	93 064,127	2 619 308,637	28,145	27,682	52	52	91 717	17 384,653	284 649,560	16,374	15,910
3	3	99 177	90 102,870	2 526 244,509	28,037	27,574	53	53	90 982	16 702,471	267 264,906	16,002	15,538
4	4	99 147	87 241,015	2 436 141,639	27,924	27,461	54	54	90 185	16 035,033	250 562,436	15,626	15,162
5	5	99 121	84 472,630	2 348 900,624	27,807	27,343	55	55	89 321	15 381,614	234 527,402	15,247	14,784
6	6	99 101	81 796,819	2 264 427,994	27,684	27,220	56	56	88 386	14 741,452	219 145,789	14,866	14,402
7	7	99 082	79 207,397	2 182 631,175	27,556	27,092	57	57	87 395	14 117,331	204 404,336	14,479	14,015
8	8	99 064	76 700,359	2 103 423,778	27,424	26,960	58	58	86 341	13 508,094	190 287,005	14,087	13,623
9	9	99 049	74 274,306	2 026 723,419	27,287	26,823	59	59	85 187	12 908,088	176 778,911	13,695	13,232
10	10	99 034	71 925,632	1 952 449,113	27,145	26,682	60	60	83 967	12 322,633	163 870,823	13,298	12,835
11	11	99 017	69 649,789	1 880 523,481	27,000	26,536	61	61	82 622	11 743,642	151 548,191	12,905	12,441
12	12	99 000	67 445,507	1 810 873,692	26,849	26,386	62	62	81 229	11 182,180	139 804,549	12,502	12,039
13	13	98 982	65 310,687	1 743 428,185	26,694	26,231	63	63	79 727	10 629,930	128 622,369	12,100	11,636
14	14	98 963	63 243,143	1 678 117,497	26,534	26,071	64	64	78 155	10 092,363	117 992,439	11,691	11,228
15	15	98 935	61 234,756	1 614 874,354	26,372	25,908	65	65	76 477	9 564,871	107 900,077	11,281	10,817
16	16	98 902	59 287,385	1 553 639,598	26,205	25,742	66	66	74 702	9 048,802	98 335,206	10,867	10,404
17	17	98 856	57 394,941	1 494 352,213	26,036	25,573	67	67	72 853	8 547,038	89 286,404	10,446	9,983
18	18	98 805	55 559,586	1 436 957,272	25,863	25,400	68	68	70 895	8 055,450	80 739,365	10,023	9,559
19	19	98 729	53 769,085	1 381 397,686	25,691	25,228	69	69	68 821	7 573,645	72 683,915	9,597	9,133
20	20	98 654	52 037,004	1 327 628,601	25,513	25,050	70	70	66 595	7 097,971	65 110,270	9,173	8,709
21	21	98 574	50 358,300	1 275 591,596	25,330	24,867	71	71	64 247	6 632,184	58 012,299	8,747	8,283
22	22	98 497	48 735,132	1 225 233,296	25,141	24,677	72	72	61 752	6 173,988	51 380,116	8,322	7,858
23	23	98 419	47 163,698	1 176 498,164	24,945	24,481	73	73	59 028	5 715,850	45 206,128	7,909	7,445
24	24	98 342	45 643,584	1 129 334,467	24,742	24,279	74	74	56 145	5 265,570	39 490,278	7,500	7,036
25	25	98 263	44 171,348	1 083 690,883	24,534	24,070	75	75	53 072	4 820,754	34 224,708	7,099	6,636
26	26	98 183	42 746,084	1 039 519,535	24,318	23,855	76	76	49 829	4 383,662	29 403,954	6,708	6,244
27	27	98 097	41 364,228	996 773,451	24,097	23,634	77	77	46 421	3 955,314	25 020,291	6,326	5,862
28	28	98 010	40 026,515	955 409,224	23,869	23,406	78	78	42 837	3 535,023	21 064,978	5,959	5,495
29	29	97 924	38 732,514	915 382,709	23,633	23,170	79	79	39 108	3 125,738	17 529,954	5,608	5,145
30	30	97 833	37 478,798	876 650,195	23,391	22,927	80	80	35 359	2 737,150	14 404,217	5,262	4,799
31	31	97 742	36 265,010	839 171,396	23,140	22,676	81	81	31 529	2 363,805	11 667,067	4,936	4,472
32	32	97 637	35 086,019	802 906,387	22,884	22,420	82	82	27 725	2 013,172	9 303,262	4,621	4,158
33	33	97 531	33 944,487	767 820,368	22,620	22,156	83	83	23 995	1 687,503	7 290,090	4,320	3,856
34	34	97 425	32 840,254	733 875,881	22,347	21,883	84	84	20 410	1 390,225	5 602,587	4,030	3,566
35	35	97 306	31 767,946	701 035,627	22,067	21,604	85	85	17 005	1 121,812	4 212,362	3,755	3,291
36	36	97 181	30 728,255	669 267,681	21,780	21,317	86	86	13 800	881,726	3 090,550	3,505	3,041
37	37	97 047	29 720,009	638 539,426	21,485	21,022	87	87	10 900	674,520	2 208,824	3,275	2,811
38	38	96 900	28 740,937	608 819,417	21,183	20,719	88	88	8 281	496,320	1 534,304	3,091	2,628
39	39	96 738	27 789,895	580 078,480	20,874	20,410	89	89	6 150	356,976	1 037,984	2,908	2,444
40	40	96 557	26 864,652	552 288,585	20,558	20,095	90	90	4 421	248,540	681,008	2,740	2,276
41	41	96 357	25 965,038	525 423,933	20,236	19,772	91	91	3 126	170,222	432,468	2,541	2,077
42	42	96 134	25 089,516	499 458,895	19,907	19,443	92	92	2 083	109,844	262,246	2,387	1,924
43	43	95 888	24 237,638	474 369,379	19,572	19,108	93	93	1 322	67,538	152,402	2,257	1,793
44	44	95 602	23 404,835	450 131,741	19,232	18,769	94	94	803	39,729	84,864	2,136	1,672
45	45	95 291	22 594,302	426 726,906	18,886	18,423	95	95	465	22,267	45,135	2,027	1,563
46	46	94 933	21 800,825	404 132,603	18,537	18,074	96	96	256	11,860	22,867	1,928	1,465
47	47	94 524	21 023,784	382 331,779	18,186	17,722	97	97	133	5,987	11,008	1,839	1,375
48	48	94 068	20 263,806	361 307,994	17,830	17,367	98	98	66	2,857	5,021	1,758	1,294
49	49	93 563	19 520,417	341 044,188	17,471	17,008	99	99	30	1,285	2,164	1,684	1,221
							100	100	13	0,544	0,879	1,618	1,154

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 811 058,005	28,201	27,737	50	51	92 786	18 749,020	318 164,086	16,970	16,506
1	2	99 247	96 122,925	2 711 377,967	28,207	27,744	51	52	92 159	18 036,247	299 415,067	16,601	16,137
2	3	99 196	93 049,124	2 615 255,042	28,106	27,643	52	53	91 463	17 336,483	281 378,820	16,230	15,767
3	4	99 162	90 089,951	2 522 205,918	27,997	27,533	53	54	90 705	16 651,709	264 042,336	15,857	15,393
4	5	99 135	87 230,559	2 432 115,967	27,881	27,418	54	55	89 897	15 983,943	247 390,627	15,477	15,014
5	6	99 112	84 464,988	2 344 885,408	27,762	27,298	55	56	89 000	15 326,278	231 406,684	15,099	14,635
6	7	99 093	81 790,260	2 260 420,419	27,637	27,173	56	57	88 051	14 685,539	216 080,406	14,714	14,250
7	8	99 074	79 200,780	2 178 630,159	27,508	27,044	57	58	87 034	14 059,079	201 394,867	14,325	13,861
8	9	99 058	76 695,595	2 099 429,379	27,374	26,910	58	59	85 947	13 446,502	187 335,788	13,932	13,468
9	10	99 042	74 269,591	2 022 733,784	27,235	26,771	59	60	84 780	12 846,408	173 889,286	13,536	13,072
10	11	99 026	71 919,838	1 948 464,193	27,092	26,629	60	61	83 508	12 255,254	161 042,878	13,141	12,677
11	12	99 009	69 644,257	1 876 544,355	26,945	26,481	61	62	82 152	11 676,874	148 787,624	12,742	12,278
12	13	98 992	67 440,337	1 806 900,098	26,793	26,329	62	63	80 719	11 112,014	137 110,750	12,339	11,875
13	14	98 972	65 304,263	1 739 459,761	26,636	26,173	63	64	79 195	10 559,043	125 998,736	11,933	11,469
14	15	98 951	63 235,314	1 674 155,498	26,475	26,011	64	65	77 593	10 019,740	115 439,693	11,521	11,058
15	16	98 921	61 226,455	1 610 920,184	26,311	25,847	65	66	75 885	9 490,815	105 419,953	11,108	10,644
16	17	98 886	59 277,854	1 549 693,729	26,143	25,679	66	67	74 088	8 974,423	95 929,138	10,689	10,226
17	18	98 839	57 384,866	1 490 415,875	25,972	25,509	67	68	72 196	8 469,947	86 954,714	10,266	9,803
18	19	98 784	55 547,450	1 433 031,009	25,798	25,335	68	69	70 200	7 976,546	78 484,767	9,839	9,376
19	20	98 708	53 757,522	1 377 483,559	25,624	25,160	69	70	68 066	7 490,580	70 508,221	9,413	8,949
20	21	98 633	52 026,025	1 323 726,037	25,444	24,980	70	71	65 799	7 013,163	63 017,641	8,986	8,522
21	22	98 553	50 347,415	1 271 700,012	25,258	24,795	71	72	63 389	6 543,690	56 004,479	8,559	8,095
22	23	98 474	48 723,933	1 221 352,597	25,067	24,603	72	73	60 796	6 078,445	49 460,788	8,137	7,673
23	24	98 397	47 152,970	1 172 628,664	24,869	24,405	73	74	58 004	5 616,764	43 382,344	7,724	7,260
24	25	98 320	45 633,207	1 125 475,694	24,664	24,200	74	75	55 060	5 163,817	37 765,580	7,314	6,850
25	26	98 242	44 161,505	1 079 842,487	24,452	23,988	75	76	51 890	4 713,342	32 601,763	6,917	6,453
26	27	98 157	42 734,664	1 035 680,983	24,235	23,772	76	77	48 566	4 272,547	27 888,421	6,527	6,064
27	28	98 072	41 353,550	992 946,319	24,011	23,548	77	78	45 077	3 840,791	23 615,874	6,149	5,685
28	29	97 984	40 016,118	951 592,769	23,780	23,317	78	79	41 412	3 417,455	19 775,083	5,786	5,323
29	30	97 896	38 721,771	911 576,650	23,542	23,078	79	80	37 640	3 008,364	16 357,628	5,437	4,974
30	31	97 807	37 468,513	872 854,879	23,296	22,832	80	81	33 826	2 618,431	13 349,264	5,098	4,635
31	32	97 710	36 253,186	835 386,367	23,043	22,579	81	82	29 968	2 246,807	10 730,833	4,776	4,312
32	33	97 604	35 073,867	799 133,180	22,784	22,321	82	83	26 148	1 898,687	8 484,026	4,468	4,005
33	34	97 495	33 932,206	764 059,313	22,517	22,054	83	84	22 436	1 577,884	6 585,339	4,174	3,710
34	35	97 385	32 826,927	730 127,107	22,242	21,778	84	85	18 900	1 287,368	5 007,455	3,890	3,426
35	36	97 265	31 754,408	697 300,180	21,959	21,496	85	86	15 555	1 026,127	3 720,087	3,625	3,162
36	37	97 135	30 713,926	665 545,773	21,669	21,206	86	87	12 466	796,508	2 693,960	3,382	2,919
37	38	96 996	29 704,355	634 831,846	21,372	20,908	87	88	9 650	597,179	1 897,452	3,177	2,714
38	39	96 843	28 723,992	605 127,491	21,067	20,603	88	89	7 242	434,051	1 300,273	2,996	2,532
39	40	96 670	27 770,351	576 403,499	20,756	20,292	89	90	5 290	307,082	866,222	2,821	2,357
40	41	96 488	26 845,503	548 633,147	20,437	19,973	90	91	3 766	211,707	559,141	2,641	2,177
41	42	96 277	25 943,462	521 787,645	20,112	19,649	91	92	2 585	140,749	347,434	2,468	2,005
42	43	96 043	25 065,783	495 844,183	19,782	19,318	92	93	1 689	89,086	206,685	2,320	1,856
43	44	95 786	24 212,054	470 778,400	19,444	18,980	93	94	1 049	53,565	117,599	2,195	1,732
44	45	95 494	23 378,368	446 566,346	19,102	18,638	94	95	622	30,775	64,034	2,081	1,617
45	46	95 162	22 563,742	423 187,977	18,755	18,292	95	96	351	16,824	33,259	1,977	1,513
46	47	94 785	21 767,013	400 624,235	18,405	17,941	96	97	188	8,729	16,435	1,883	1,419
47	48	94 360	20 987,299	378 857,222	18,052	17,588	97	98	95	4,287	7,706	1,798	1,334
48	49	93 894	20 226,258	357 869,922	17,693	17,230	98	99	46	1,987	3,419	1,721	1,257
49	50	93 367	19 479,578	337 643,665	17,333	16,870	99	100	21	0,868	1,432	1,651	1,187

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 806 656,938	28,165	27,701	50	52	92 555	18 702,320	314 554,266	16,819	16,355
1	3	99 231	96 107,428	2 707 005,241	28,166	27,703	51	53	91 904	17 986,271	295 851,946	16,449	15,985
2	4	99 181	93 035,782	2 610 897,813	28,063	27,600	52	54	91 185	17 283,794	277 865,675	16,077	15,613
3	5	99 150	90 079,154	2 517 862,031	27,952	27,488	53	55	90 416	16 598,654	260 581,880	15,699	15,235
4	6	99 126	87 222,669	2 427 782,877	27,834	27,371	54	56	89 574	15 926,440	243 983,226	15,319	14,856
5	7	99 104	84 458,216	2 340 560,209	27,713	27,249	55	57	88 662	15 268,147	228 056,786	14,937	14,473
6	8	99 084	81 783,427	2 256 101,993	27,586	27,123	56	58	87 687	14 624,943	212 788,639	14,550	14,086
7	9	99 068	79 195,861	2 174 318,565	27,455	26,991	57	59	86 637	13 994,975	198 163,696	14,160	13,696
8	10	99 052	76 690,726	2 095 122,704	27,319	26,855	58	60	85 537	13 382,250	184 168,721	13,762	13,299
9	11	99 035	74 263,608	2 018 431,979	27,179	26,716	59	61	84 317	12 776,166	170 786,472	13,368	12,904
10	12	99 018	71 914,126	1 944 168,371	27,035	26,571	60	62	83 033	12 185,577	158 010,306	12,967	12,503
11	13	99 002	69 638,919	1 872 254,245	26,885	26,422	61	63	81 637	11 603,604	145 824,729	12,567	12,104
12	14	98 982	67 433,703	1 802 615,326	26,732	26,268	62	64	80 181	11 037,912	134 221,125	12,160	11,696
13	15	98 960	65 296,178	1 735 181,623	26,574	26,110	63	65	78 625	10 483,062	123 183,213	11,751	11,287
14	16	98 938	63 226,742	1 669 885,445	26,411	25,947	64	66	76 992	9 942,163	112 700,151	11,336	10,872
15	17	98 905	61 216,612	1 606 658,703	26,245	25,782	65	67	75 262	9 412,803	102 757,988	10,917	10,453
16	18	98 868	59 267,449	1 545 442,091	26,076	25,612	66	68	73 420	8 893,477	93 345,185	10,496	10,032
17	19	98 817	57 372,331	1 486 174,642	25,904	25,440	67	69	71 489	8 386,983	84 451,708	10,069	9,606
18	20	98 762	55 535,504	1 428 802,311	25,728	25,264	68	70	69 430	7 889,062	76 064,725	9,642	9,178
19	21	98 687	53 746,179	1 373 266,807	25,551	25,087	69	71	67 253	7 401,081	68 175,663	9,212	8,748
20	22	98 612	52 014,780	1 319 520,628	25,368	24,905	70	72	64 921	6 919,586	60 774,582	8,783	8,319
21	23	98 530	50 335,846	1 267 505,848	25,181	24,717	71	73	62 408	6 442,426	53 854,996	8,359	7,896
22	24	98 452	48 712,850	1 217 170,002	24,987	24,523	72	74	59 742	5 973,072	47 412,570	7,938	7,474
23	25	98 374	47 142,250	1 168 457,152	24,786	24,322	73	75	56 883	5 508,225	41 439,498	7,523	7,060
24	26	98 298	45 623,038	1 121 314,902	24,578	24,114	74	76	53 833	5 048,761	35 931,273	7,117	6,653
25	27	98 215	44 149,706	1 075 691,865	24,365	23,901	75	77	50 575	4 593,870	30 882,512	6,723	6,259
26	28	98 132	42 723,633	1 031 542,158	24,145	23,681	76	78	47 160	4 148,838	26 288,642	6,336	5,873
27	29	98 046	41 342,809	988 818,525	23,918	23,454	77	79	43 578	3 713,053	22 139,804	5,963	5,499
28	30	97 957	40 005,019	947 475,716	23,684	23,220	78	80	39 857	3 289,127	18 426,750	5,602	5,139
29	31	97 870	38 711,144	907 470,697	23,442	22,978	79	81	36 007	2 877,882	15 137,623	5,260	4,796
30	32	97 775	37 456,297	868 759,552	23,194	22,730	80	82	32 151	2 488,830	12 259,741	4,926	4,462
31	33	97 676	36 240,630	831 303,255	22,938	22,475	81	83	28 264	2 119,036	9 770,911	4,611	4,147
32	34	97 568	35 061,178	795 062,625	22,676	22,213	82	84	24 449	1 775,350	7 651,876	4,310	3,846
33	35	97 456	33 918,435	760 001,447	22,407	21,943	83	85	20 776	1 461,143	5 876,525	4,022	3,558
34	36	97 344	32 812,938	726 083,012	22,128	21,664	84	86	17 288	1 177,562	4 415,382	3,750	3,286
35	37	97 220	31 739,600	693 270,074	21,842	21,379	85	87	14 051	926,953	3 237,821	3,493	3,029
36	38	97 084	30 697,749	661 530,474	21,550	21,086	86	88	11 037	705,179	2 310,868	3,277	2,813
37	39	96 938	29 686,842	630 832,725	21,250	20,786	87	89	8 440	522,255	1 605,688	3,075	2,611
38	40	96 775	28 703,792	601 145,882	20,943	20,479	88	90	6 230	373,384	1 083,433	2,902	2,438
39	41	96 602	27 750,557	572 442,091	20,628	20,165	89	91	4 506	261,573	710,049	2,715	2,251
40	42	96 408	26 823,195	544 691,534	20,307	19,843	90	92	3 114	175,051	448,475	2,562	2,098
41	43	96 185	25 918,921	517 868,339	19,980	19,517	91	93	2 096	114,150	273,424	2,395	1,932
42	44	95 941	25 039,325	491 949,418	19,647	19,183	92	94	1 340	70,655	159,275	2,254	1,791
43	45	95 678	24 184,675	466 910,094	19,306	18,842	93	95	812	41,492	88,619	2,136	1,672
44	46	95 365	23 346,748	442 725,419	18,963	18,499	94	96	470	23,252	47,127	2,027	1,563
45	47	95 014	22 528,748	419 378,671	18,615	18,152	95	97	258	12,383	23,875	1,928	1,464
46	48	94 621	21 729,239	396 849,924	18,263	17,800	96	98	135	6,250	11,493	1,839	1,375
47	49	94 185	20 948,411	375 120,685	17,907	17,443	97	99	66	2,982	5,242	1,758	1,294
48	50	93 698	20 183,943	354 172,274	17,547	17,084	98	100	31	1,342	2,260	1,684	1,221
49	51	93 149	19 434,065	333 988,331	17,186	16,722							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 801 948,655	28,122	27,658	50	53	92 298	18 650,499	310 683,184	16,658	16,195
1	4	99 217	96 093,648	2 702 313,024	28,122	27,658	51	54	91 625	17 931,608	292 032,685	16,286	15,822
2	5	99 169	93 024,632	2 606 219,377	28,016	27,553	52	55	90 894	17 228,726	274 101,077	15,910	15,446
3	6	99 141	90 071,005	2 513 194,745	27,902	27,439	53	56	90 091	16 538,940	256 872,351	15,531	15,068
4	7	99 119	87 215,675	2 423 123,740	27,783	27,319	54	57	89 234	15 866,033	240 333,412	15,148	14,684
5	8	99 096	84 451,160	2 335 908,064	27,660	27,196	55	58	88 297	15 205,146	224 467,378	14,763	14,299
6	9	99 078	81 778,348	2 251 456,904	27,531	27,068	56	59	87 288	14 558,258	209 262,232	14,374	13,911
7	10	99 062	79 190,833	2 169 678,556	27,398	26,934	57	60	86 223	13 928,102	194 703,974	13,979	13,516
8	11	99 044	76 684,548	2 090 487,723	27,261	26,797	58	61	85 069	13 309,077	180 775,872	13,583	13,119
9	12	99 027	74 257,710	2 013 803,176	27,119	26,655	59	62	83 837	12 703,527	167 466,795	13,183	12,719
10	13	99 011	71 908,613	1 939 545,466	26,972	26,509	60	63	82 512	12 109,115	154 763,267	12,781	12,317
11	14	98 992	69 632,068	1 867 636,852	26,822	26,358	61	64	81 093	11 526,224	142 654,152	12,376	11,913
12	15	98 970	67 425,355	1 798 004,784	26,667	26,203	62	65	79 604	10 958,485	131 127,928	11,966	11,502
13	16	98 946	65 287,327	1 730 579,429	26,507	26,044	63	66	78 016	10 401,898	120 169,443	11,553	11,089
14	17	98 922	63 216,577	1 665 292,102	26,343	25,879	64	67	76 359	9 860,440	109 767,546	11,132	10,668
15	18	98 888	61 205,866	1 602 075,525	26,175	25,712	65	68	74 583	9 327,903	99 907,105	10,711	10,247
16	19	98 847	59 254,503	1 540 869,659	26,004	25,541	66	69	72 701	8 806,365	90 579,202	10,286	9,822
17	20	98 796	57 359,993	1 481 615,157	25,830	25,366	67	70	70 705	8 294,997	81 772,838	9,858	9,394
18	21	98 742	55 523,787	1 424 255,163	25,651	25,188	68	71	68 601	7 794,802	73 477,840	9,427	8,963
19	22	98 665	53 734,562	1 368 731,377	25,472	25,008	69	72	66 355	7 302,328	65 683,038	8,995	8,531
20	23	98 589	52 002,827	1 314 996,814	25,287	24,823	70	73	63 916	6 812,504	58 380,710	8,570	8,106
21	24	98 508	50 324,397	1 262 993,987	25,097	24,633	71	74	61 327	6 330,744	51 568,206	8,146	7,682
22	25	98 430	48 701,775	1 212 669,591	24,900	24,436	72	75	58 588	5 857,648	45 237,462	7,723	7,259
23	26	98 352	47 131,744	1 163 967,816	24,696	24,232	73	76	55 616	5 385,495	39 379,814	7,312	6,849
24	27	98 272	45 610,849	1 116 836,071	24,486	24,023	74	77	52 469	4 920,787	33 994,319	6,908	6,445
25	28	98 190	44 138,310	1 071 225,222	24,270	23,806	75	78	49 110	4 460,858	29 073,532	6,517	6,054
26	29	98 106	42 712,536	1 027 086,912	24,046	23,583	76	79	45 591	4 010,856	24 612,674	6,137	5,673
27	30	98 019	41 331,342	984 374,376	23,817	23,353	77	80	41 941	3 573,626	20 601,818	5,765	5,301
28	31	97 930	39 994,040	943 043,034	23,580	23,116	78	81	38 128	3 146,467	17 028,192	5,412	4,948
29	32	97 838	38 698,523	903 048,993	23,335	22,872	79	82	34 225	2 735,439	13 881,725	5,075	4,611
30	33	97 741	37 443,324	864 350,470	23,084	22,621	80	83	30 323	2 347,295	11 146,286	4,749	4,285
31	34	97 641	36 227,519	826 907,145	22,825	22,362	81	84	26 428	1 981,385	8 798,991	4,441	3,977
32	35	97 529	35 046,949	790 679,627	22,561	22,097	82	85	22 641	1 644,000	6 817,606	4,147	3,683
33	36	97 414	33 903,981	755 632,678	22,287	21,824	83	86	19 004	1 336,514	5 173,606	3,871	3,407
34	37	97 298	32 797,636	721 728,697	22,006	21,542	84	87	15 617	1 063,752	3 837,092	3,607	3,144
35	38	97 168	31 722,883	688 931,060	21,717	21,254	85	88	12 440	820,667	2 773,340	3,379	2,916
36	39	97 027	30 679,651	657 208,177	21,422	20,958	86	89	9 652	616,706	1 952,673	3,166	2,703
37	40	96 870	29 665,965	626 528,526	21,119	20,656	87	90	7 260	449,260	1 335,967	2,974	2,510
38	41	96 706	28 683,332	596 862,562	20,809	20,345	88	91	5 307	318,050	886,706	2,788	2,324
39	42	96 521	27 727,497	568 179,230	20,492	20,028	89	92	3 726	216,284	568,656	2,629	2,166
40	43	96 317	26 797,821	540 451,733	20,168	19,704	90	93	2 525	141,969	352,373	2,482	2,018
41	44	96 084	25 891,562	513 653,912	19,839	19,375	91	94	1 663	90,534	210,404	2,324	1,860
42	45	95 833	25 011,010	487 762,350	19,502	19,038	92	95	1 038	54,730	119,870	2,190	1,727
43	46	95 549	24 151,963	462 751,340	19,160	18,696	93	96	614	31,349	65,139	2,078	1,614
44	47	95 217	23 310,539	438 599,377	18,815	18,352	94	97	346	17,114	33,790	1,974	1,511
45	48	94 850	22 489,651	415 288,838	18,466	18,002	95	98	185	8,867	16,676	1,881	1,417
46	49	94 446	21 688,975	392 799,187	18,111	17,647	96	99	94	4,348	7,810	1,796	1,332
47	50	93 988	20 904,585	371 110,212	17,753	17,289	97	100	45	2,013	3,461	1,719	1,256
48	51	93 479	20 136,784	350 205,627	17,391	16,928							
49	52	92 917	19 385,659	330 068,843	17,026	16,563							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 796 905,486	28,075	27,612	50	54	92 018	18 593,816	306 542,737	16,486	16,023
1	5	99 205	96 082,131	2 697 284,141	28,073	27,609	51	55	91 333	17 874,475	287 948,921	16,110	15,646
2	6	99 161	93 016,217	2 601 202,010	27,965	27,501	52	56	90 567	17 166,745	270 074,446	15,732	15,269
3	7	99 133	90 063,784	2 508 185,793	27,849	27,385	53	57	89 749	16 476,209	252 907,701	15,350	14,886
4	8	99 110	87 208,389	2 418 122,010	27,728	27,264	54	58	88 866	15 800,566	236 431,491	14,963	14,500
5	9	99 090	84 445,915	2 330 913,620	27,602	27,139	55	59	87 894	15 135,816	220 630,926	14,577	14,113
6	10	99 072	81 773,156	2 246 467,706	27,472	27,008	56	60	86 871	14 488,694	205 495,110	14,183	13,720
7	11	99 054	79 184,454	2 164 694,550	27,337	26,874	57	61	85 752	13 851,945	191 006,416	13,789	13,326
8	12	99 036	76 678,457	2 085 510,096	27,198	26,734	58	62	84 585	13 233,409	177 154,471	13,387	12,923
9	13	99 019	74 252,018	2 008 831,639	27,054	26,591	59	63	83 311	12 623,816	163 921,062	12,985	12,521
10	14	99 001	71 901,540	1 934 579,621	26,906	26,442	60	64	81 962	12 028,364	151 297,247	12,578	12,115
11	15	98 980	69 623,448	1 862 678,082	26,754	26,290	61	65	80 509	11 443,283	139 268,883	12,170	11,707
12	16	98 957	67 416,215	1 793 054,633	26,597	26,133	62	66	78 988	10 873,640	127 825,600	11,756	11,292
13	17	98 930	65 276,831	1 725 638,419	26,436	25,972	63	67	77 375	10 316,396	116 951,960	11,337	10,873
14	18	98 904	63 205,480	1 660 361,588	26,269	25,806	64	68	75 670	9 771,503	106 635,563	10,913	10,449
15	19	98 866	61 192,496	1 597 156,107	26,101	25,637	65	69	73 852	9 236,535	96 864,061	10,487	10,023
16	20	98 825	59 241,760	1 535 963,611	25,927	25,463	66	70	71 904	8 709,779	87 627,526	10,061	9,597
17	21	98 775	57 347,891	1 476 721,851	25,750	25,287	67	71	69 860	8 195,887	78 917,746	9,629	9,165
18	22	98 720	55 511,785	1 419 373,960	25,569	25,105	68	72	67 685	7 690,796	70 721,859	9,196	8,732
19	23	98 643	53 722,214	1 363 862,175	25,387	24,924	69	73	65 328	7 189,324	63 031,063	8,767	8,304
20	24	98 567	51 990,999	1 310 139,961	25,199	24,736	70	74	62 808	6 694,407	55 841,740	8,342	7,878
21	25	98 485	50 312,955	1 258 148,962	25,006	24,543	71	75	60 142	6 208,408	49 147,333	7,916	7,453
22	26	98 408	48 690,922	1 207 836,007	24,806	24,343	72	76	57 282	5 727,133	42 938,925	7,497	7,034
23	27	98 326	47 119,153	1 159 145,084	24,600	24,137	73	77	54 206	5 248,985	37 211,792	7,089	6,626
24	28	98 247	45 599,075	1 112 025,932	24,387	23,923	74	78	50 949	4 778,309	31 962,807	6,689	6,226
25	29	98 164	44 126,846	1 066 426,856	24,167	23,704	75	79	47 477	4 312,498	27 184,497	6,304	5,840
26	30	98 079	42 700,689	1 022 300,011	23,941	23,477	76	80	43 879	3 860,245	22 871,999	5,925	5,461
27	31	97 992	41 319,999	979 599,321	23,708	23,244	77	81	40 122	3 418,626	19 011,754	5,561	5,098
28	32	97 898	39 981,001	938 279,322	23,468	23,005	78	82	36 241	2 990,731	15 593,128	5,214	4,750
29	33	97 804	38 685,121	898 298,321	23,221	22,757	79	83	32 279	2 579,880	12 602,397	4,885	4,421
30	34	97 706	37 429,778	859 613,200	22,966	22,502	80	84	28 353	2 194,817	10 022,517	4,566	4,103
31	35	97 601	36 212,817	822 183,422	22,704	22,241	81	85	24 473	1 834,791	7 827,699	4,266	3,803
32	36	97 487	35 032,014	785 970,606	22,436	21,972	82	86	20 709	1 503,774	5 992,909	3,985	3,522
33	37	97 369	33 888,171	750 938,592	22,159	21,696	83	87	17 167	1 207,342	4 489,135	3,718	3,255
34	38	97 247	32 780,362	717 050,421	21,874	21,411	84	88	13 827	941,781	3 281,793	3,485	3,021
35	39	97 111	31 704,180	684 270,059	21,583	21,119	85	89	10 879	717,705	2 340,012	3,260	2,797
36	40	96 959	30 658,075	652 565,879	21,285	20,822	86	90	8 303	530,510	1 622,308	3,058	2,594
37	41	96 801	29 644,819	621 907,804	20,979	20,515	87	91	6 184	382,682	1 091,798	2,853	2,389
38	42	96 625	28 659,496	592 262,985	20,666	20,202	88	92	4 388	262,981	709,116	2,696	2,233
39	43	96 430	27 701,268	563 603,488	20,346	19,882	89	93	3 022	175,410	446,135	2,543	2,080
40	44	96 215	26 769,535	535 902,220	20,019	19,555	90	94	2 003	112,598	270,725	2,404	1,941
41	45	95 975	25 862,283	509 132,685	19,686	19,223	91	95	1 288	70,128	158,127	2,255	1,791
42	46	95 703	24 977,181	483 270,402	19,348	18,885	92	96	784	41,351	87,999	2,128	1,664
43	47	95 401	24 114,506	458 293,221	19,005	18,541	93	97	452	23,073	46,647	2,022	1,558
44	48	95 052	23 270,085	434 178,715	18,658	18,195	94	98	248	12,254	23,574	1,924	1,460
45	49	94 674	22 447,978	410 908,630	18,305	17,841	95	99	129	6,169	11,320	1,835	1,371
46	50	94 248	21 643,600	388 460,652	17,948	17,484	96	100	63	2,936	5,151	1,755	1,291
47	51	93 769	20 855,742	366 817,051	17,588	17,125							
48	52	93 246	20 086,628	345 961,309	17,223	16,760							
49	53	92 659	19 331,945	325 874,682	16,857	16,393							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 791 510,677	28,025	27,561	50	55	91 725	18 534,574	302 125,283	16,301	15,837
1	6	99 196	96 073,440	2 691 901,272	28,019	27,556	51	56	91 004	17 810,171	283 590,709	15,923	15,459
2	7	99 153	93 008,759	2 595 827,832	27,909	27,446	52	57	90 224	17 101,633	265 780,538	15,541	15,078
3	8	99 125	90 056,259	2 502 819,073	27,792	27,328	53	58	89 379	16 408,224	248 678,905	15,156	14,692
4	9	99 104	87 202,972	2 412 762,814	27,668	27,205	54	59	88 461	15 728,521	232 270,681	14,767	14,304
5	10	99 084	84 440,554	2 325 559,841	27,541	27,077	55	60	87 474	15 063,492	216 542,160	14,375	13,912
6	11	99 064	81 766,568	2 241 119,287	27,409	26,945	56	61	86 396	14 409,471	201 478,668	13,982	13,519
7	12	99 046	79 178,165	2 159 352,719	27,272	26,808	57	62	85 264	13 773,190	187 069,197	13,582	13,119
8	13	99 029	76 672,580	2 080 174,554	27,131	26,667	58	63	84 055	13 150,372	173 296,007	13,178	12,714
9	14	99 009	74 244,713	2 003 501,975	26,985	26,521	59	64	82 756	12 539,632	160 145,635	12,771	12,308
10	15	98 989	71 892,639	1 929 257,261	26,835	26,372	60	65	81 372	11 941,810	147 606,003	12,360	11,897
11	16	98 966	69 614,010	1 857 364,623	26,681	26,217	61	66	79 886	11 354,684	135 664,193	11,948	11,484
12	17	98 941	67 405,377	1 787 750,613	26,522	26,059	62	67	78 338	10 784,261	124 309,509	11,527	11,063
13	18	98 913	65 265,373	1 720 345,236	26,359	25,896	63	68	76 677	10 223,346	113 525,247	11,105	10,641
14	19	98 883	63 191,674	1 655 079,864	26,191	25,728	64	69	74 929	9 675,790	103 301,901	10,676	10,213
15	20	98 845	61 179,337	1 591 888,190	26,020	25,556	65	70	73 042	9 135,232	93 626,111	10,249	9,785
16	21	98 805	59 229,260	1 530 708,853	25,844	25,380	66	71	71 045	8 605,713	84 490,880	9,818	9,354
17	22	98 754	57 335,495	1 471 479,593	25,664	25,201	67	72	68 928	8 086,529	75 885,166	9,384	8,921
18	23	98 698	55 499,029	1 414 144,098	25,481	25,017	68	73	66 638	7 571,780	67 798,637	8,954	8,490
19	24	98 620	53 709,995	1 358 645,069	25,296	24,832	69	74	64 196	7 064,694	60 226,858	8,525	8,061
20	25	98 544	51 979,178	1 304 935,074	25,105	24,641	70	75	61 594	6 565,044	53 162,164	8,098	7,634
21	26	98 463	50 301,743	1 252 955,895	24,909	24,445	71	76	58 802	6 070,078	46 597,120	7,677	7,213
22	27	98 381	48 677,914	1 202 654,152	24,706	24,243	72	77	55 830	5 581,963	40 527,043	7,260	6,797
23	28	98 301	47 106,990	1 153 976,238	24,497	24,033	73	78	52 637	5 097,005	34 945,079	6,856	6,392
24	29	98 221	45 587,232	1 106 869,248	24,280	23,817	74	79	49 255	4 619,392	29 848,075	6,461	5,998
25	30	98 137	44 114,607	1 061 282,016	24,057	23,594	75	80	45 694	4 150,561	25 228,683	6,078	5,615
26	31	98 052	42 688,970	1 017 167,409	23,827	23,364	76	81	41 976	3 692,814	21 078,122	5,708	5,244
27	32	97 960	41 306,528	974 478,439	23,591	23,128	77	82	38 136	3 249,419	17 385,307	5,350	4,887
28	33	97 864	39 967,154	933 171,911	23,348	22,885	78	83	34 180	2 820,654	14 135,889	5,012	4,548
29	34	97 768	38 671,125	893 204,757	23,097	22,634	79	84	30 182	2 412,294	11 315,235	4,691	4,227
30	35	97 666	37 414,588	854 533,632	22,840	22,376	80	85	26 256	2 032,432	8 902,941	4,380	3,917
31	36	97 559	36 197,385	817 119,044	22,574	22,110	81	86	22 385	1 678,291	6 870,509	4,094	3,630
32	37	97 442	35 015,678	780 921,660	22,302	21,838	82	87	18 708	1 358,436	5 192,218	3,822	3,359
33	38	97 318	33 870,322	745 905,982	22,022	21,559	83	88	15 199	1 068,906	3 833,781	3,587	3,123
34	39	97 190	32 761,036	712 035,660	21,734	21,271	84	89	12 092	823,623	2 764,875	3,357	2,893
35	40	97 043	31 681,884	679 274,624	21,440	20,977	85	90	9 359	617,392	1 941,252	3,144	2,681
36	41	96 890	30 636,222	647 592,741	21,138	20,675	86	91	7 073	451,890	1 323,860	2,930	2,466
37	42	96 721	29 620,185	616 956,518	20,829	20,365	87	92	5 113	316,423	871,970	2,756	2,292
38	43	96 534	28 632,386	587 336,334	20,513	20,049	88	93	3 559	213,282	555,548	2,605	2,141
39	44	96 328	27 672,028	558 703,947	20,190	19,727	89	94	2 397	139,120	342,265	2,460	1,997
40	45	96 106	26 739,263	531 031,919	19,860	19,396	90	95	1 551	87,220	203,145	2,329	1,865
41	46	95 845	25 827,303	504 292,656	19,526	19,062	91	96	973	52,986	115,925	2,188	1,724
42	47	95 555	24 938,443	478 465,353	19,186	18,722	92	97	577	30,435	62,940	2,068	1,604
43	48	95 235	24 072,657	453 526,910	18,840	18,376	93	98	323	16,522	32,505	1,967	1,504
44	49	94 876	23 226,967	429 454,253	18,489	18,026	94	99	172	8,525	15,983	1,875	1,411
45	50	94 476	22 401,016	406 227,286	18,134	17,671	95	100	87	4,164	7,458	1,791	1,327
46	51	94 028	21 593,031	383 826,270	17,775	17,312							
47	52	93 535	20 803,795	362 233,240	17,412	16,948							
48	53	92 988	20 030,971	341 429,445	17,045	16,581							
49	54	92 378	19 273,191	321 398,474	16,676	16,212							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 785 747,414	27,969	27,506	50	56	91 395	18 467,895	297 421,620	16,105	15,641
1	7	99 188	96 065,737	2 686 147,020	27,962	27,498	51	57	90 659	17 742,619	278 953,725	15,722	15,259
2	8	99 144	93 000,989	2 590 081,283	27,850	27,386	52	58	89 851	17 031,067	261 211,106	15,337	14,874
3	9	99 119	90 050,666	2 497 080,294	27,730	27,266	53	59	88 971	16 333,408	244 180,039	14,950	14,486
4	10	99 098	87 197,436	2 407 029,628	27,604	27,141	54	60	88 038	15 653,364	227 846,631	14,556	14,092
5	11	99 076	84 433,751	2 319 832,192	27,475	27,012	55	61	86 996	14 981,127	212 193,267	14,164	13,700
6	12	99 056	81 760,074	2 235 398,441	27,341	26,877	56	62	85 904	14 327,547	197 212,140	13,765	13,301
7	13	99 038	79 172,095	2 153 638,366	27,202	26,738	57	63	84 729	13 686,766	182 884,594	13,362	12,899
8	14	99 019	76 665,037	2 074 466,271	27,059	26,595	58	64	83 494	13 062,677	169 197,827	12,953	12,489
9	15	98 997	74 235,522	1 997 801,234	26,912	26,448	59	65	82 160	12 449,399	156 135,150	12,542	12,078
10	16	98 975	71 882,893	1 923 565,712	26,760	26,296	60	66	80 742	11 849,351	143 685,751	12,126	11,662
11	17	98 950	69 602,819	1 851 682,819	26,604	26,140	61	67	79 229	11 261,351	131 836,400	11,707	11,243
12	18	98 923	67 393,544	1 782 080,000	26,443	25,979	62	68	77 632	10 686,991	120 575,048	11,282	10,819
13	19	98 891	65 251,116	1 714 686,456	26,278	25,815	63	69	75 926	10 123,207	109 888,057	10,855	10,391
14	20	98 862	63 178,084	1 649 435,340	26,108	25,644	64	70	74 107	9 569,669	99 764,850	10,425	9,961
15	21	98 824	61 166,428	1 586 257,255	25,933	25,470	65	71	72 169	9 026,082	90 195,181	9,993	9,529
16	22	98 783	59 216,458	1 525 090,827	25,755	25,291	66	72	70 097	8 490,887	81 169,099	9,560	9,096
17	23	98 731	57 322,320	1 465 874,369	25,572	25,109	67	73	67 861	7 961,389	72 678,212	9,129	8,665
18	24	98 675	55 486,405	1 408 552,049	25,386	24,922	68	74	65 483	7 440,520	64 716,823	8,698	8,234
19	25	98 598	53 697,784	1 353 065,644	25,198	24,734	69	75	62 955	6 928,175	57 276,303	8,267	7,804
20	26	98 522	51 967,595	1 299 367,860	25,003	24,540	70	76	60 222	6 418,767	50 348,128	7,844	7,380
21	27	98 437	50 288,305	1 247 400,264	24,805	24,341	71	77	57 311	5 916,215	43 929,361	7,425	6,962
22	28	98 356	48 665,349	1 197 111,960	24,599	24,135	72	78	54 214	5 420,342	38 013,146	7,013	6,549
23	29	98 275	47 094,755	1 148 446,611	24,386	23,922	73	79	50 886	4 927,488	32 592,804	6,614	6,151
24	30	98 194	45 574,588	1 101 351,856	24,166	23,702	74	80	47 405	4 445,931	27 665,316	6,223	5,759
25	31	98 110	44 102,500	1 055 777,269	23,939	23,476	75	81	43 712	3 970,538	23 219,386	5,848	5,384
26	32	98 020	42 675,053	1 011 674,769	23,706	23,243	76	82	39 898	3 510,036	19 248,848	5,484	5,020
27	33	97 926	41 292,222	968 999,716	23,467	23,003	77	83	35 968	3 064,631	15 738,812	5,136	4,672
28	34	97 829	39 952,694	927 707,494	23,220	22,757	78	84	31 960	2 637,427	12 674,181	4,806	4,342
29	35	97 729	38 655,431	887 754,800	22,966	22,502	79	85	27 949	2 233,818	10 036,754	4,493	4,029
30	36	97 624	37 398,643	849 099,369	22,704	22,240	80	86	24 016	1 859,075	7 802,935	4,197	3,734
31	37	97 514	36 180,505	811 700,725	22,435	21,971	81	87	20 222	1 516,087	5 943,861	3,921	3,457
32	38	97 390	34 997,235	775 520,220	22,159	21,696	82	88	16 563	1 202,676	4 427,774	3,682	3,218
33	39	97 260	33 850,353	740 522,985	21,876	21,413	83	89	13 292	934,799	3 225,098	3,450	2,986
34	40	97 121	32 737,996	706 672,632	21,586	21,122	84	90	10 402	708,506	2 290,299	3,233	2,769
35	41	96 974	31 659,301	673 934,636	21,287	20,823	85	91	7 972	525,897	1 581,793	3,008	2,544
36	42	96 809	30 610,764	642 275,335	20,982	20,518	86	92	5 848	373,648	1 055,896	2,826	2,362
37	43	96 629	29 592,166	611 664,571	20,670	20,206	87	93	4 147	256,624	682,248	2,659	2,195
38	44	96 432	28 602,163	582 072,405	20,351	19,887	88	94	2 822	169,158	425,624	2,516	2,053
39	45	96 219	27 640,736	553 470,242	20,024	19,560	89	95	1 856	107,764	256,466	2,380	1,916
40	46	95 976	26 703,097	525 829,506	19,692	19,228	90	96	1 172	65,899	148,703	2,257	1,793
41	47	95 697	25 787,247	499 126,409	19,356	18,892	91	97	716	38,998	82,804	2,123	1,660
42	48	95 389	24 895,165	473 339,162	19,013	18,550	92	98	413	21,793	43,806	2,010	1,546
43	49	95 059	24 028,051	448 443,998	18,663	18,200	93	99	225	11,494	22,013	1,915	1,451
44	50	94 677	23 178,374	424 415,946	18,311	17,847	94	100	116	5,755	10,518	1,828	1,364
45	51	94 255	22 348,677	401 237,572	17,954	17,490							
46	52	93 794	21 539,247	378 888,895	17,591	17,127							
47	53	93 276	20 746,151	357 349,648	17,225	16,761							
48	54	92 705	19 970,093	336 603,497	16,855	16,392							
49	55	92 083	19 211,784	316 633,404	16,481	16,018							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 779 598,800	27,910	27,446	50	57	91 048	18 397,848	292 428,377	15,895	15,431
1	8	99 180	96 057,711	2 680 006,391	27,900	27,436	51	58	90 285	17 669,408	274 030,528	15,509	15,045
2	9	99 138	92 995,212	2 583 948,680	27,786	27,322	52	59	89 442	16 953,411	256 361,120	15,122	14,658
3	10	99 113	90 044,949	2 490 953,467	27,663	27,200	53	60	88 546	16 255,361	239 407,709	14,728	14,264
4	11	99 090	87 190,412	2 400 908,518	27,536	27,073	54	61	87 557	15 567,773	223 152,348	14,334	13,871
5	12	99 068	84 427,046	2 313 718,107	27,405	26,941	55	62	86 501	14 895,952	207 584,574	13,936	13,472
6	13	99 049	81 753,807	2 229 291,061	27,268	26,805	56	63	85 365	14 237,645	192 688,622	13,534	13,070
7	14	99 028	79 164,307	2 147 537,254	27,128	26,664	57	64	84 164	13 595,494	178 450,978	13,126	12,662
8	15	99 007	76 655,546	2 068 372,947	26,983	26,519	58	65	82 893	12 968,680	164 855,483	12,712	12,248
9	16	98 984	74 225,459	1 991 717,400	26,833	26,370	59	66	81 524	12 353,010	151 886,803	12,296	11,832
10	17	98 959	71 871,337	1 917 491,942	26,680	26,216	60	67	80 078	11 751,953	139 533,793	11,873	11,410
11	18	98 933	69 590,601	1 845 620,605	26,521	26,057	61	68	78 514	11 159,778	127 781,840	11,450	10,987
12	19	98 902	67 378,823	1 776 030,004	26,359	25,895	62	69	76 871	10 582,311	116 622,062	11,020	10,557
13	20	98 870	65 237,084	1 708 651,181	26,191	25,728	63	70	75 094	10 012,179	106 039,751	10,591	10,127
14	21	98 841	63 164,754	1 643 414,097	26,018	25,554	64	71	73 222	9 455,328	96 027,572	10,156	9,692
15	22	98 803	61 153,208	1 580 249,343	25,841	25,377	65	72	71 206	8 905,647	86 572,243	9,721	9,257
16	23	98 761	59 202,850	1 519 096,135	25,659	25,196	66	73	69 012	8 359,489	77 666,596	9,291	8,827
17	24	98 709	57 309,282	1 459 893,285	25,474	25,010	67	74	66 685	7 823,375	69 307,107	8,859	8,395
18	25	98 653	55 473,790	1 402 584,003	25,284	24,820	68	75	64 217	7 296,739	61 483,732	8,426	7,963
19	26	98 576	53 685,818	1 347 110,213	25,092	24,629	69	76	61 553	6 773,807	54 186,993	7,999	7,536
20	27	98 496	51 953,712	1 293 424,395	24,896	24,432	70	77	58 696	6 256,066	47 413,186	7,579	7,115
21	28	98 412	50 275,324	1 241 470,684	24,693	24,230	71	78	55 652	5 744,915	41 157,120	7,164	6,700
22	29	98 331	48 652,709	1 191 195,360	24,484	24,020	72	79	52 411	5 240,071	35 412,204	6,758	6,294
23	30	98 248	47 081,692	1 142 542,651	24,267	23,804	73	80	48 975	4 742,458	30 172,133	6,362	5,899
24	31	98 167	45 562,080	1 095 460,959	24,043	23,580	74	81	45 349	4 253,096	25 429,675	5,979	5,515
25	32	98 078	44 088,121	1 049 898,879	23,814	23,350	75	82	41 549	3 774,013	21 176,579	5,611	5,148
26	33	97 986	42 660,272	1 005 810,757	23,577	23,114	76	83	37 630	3 310,427	17 402,566	5,257	4,793
27	34	97 891	41 277,283	963 150,485	23,334	22,870	77	84	33 631	2 865,556	14 092,138	4,918	4,454
28	35	97 789	39 936,481	921 873,202	23,083	22,620	78	85	29 595	2 442,295	11 226,583	4,597	4,133
29	36	97 687	38 638,958	881 936,721	22,825	22,361	79	86	25 565	2 043,284	8 784,288	4,299	3,835
30	37	97 579	37 381,204	843 297,764	22,559	22,096	80	87	21 695	1 679,398	6 741,004	4,014	3,550
31	38	97 463	36 161,449	805 916,560	22,287	21,823	81	88	17 903	1 342,250	5 061,606	3,771	3,307
32	39	97 333	34 976,602	769 755,111	22,008	21,544	82	89	14 485	1 051,786	3 719,356	3,536	3,073
33	40	97 192	33 826,548	734 778,509	21,722	21,258	83	90	11 434	804,143	2 667,570	3,317	2,854
34	41	97 052	32 714,661	700 951,962	21,426	20,963	84	91	8 860	603,508	1 863,427	3,088	2,624
35	42	96 893	31 632,993	668 237,301	21,125	20,661	85	92	6 592	434,841	1 259,919	2,897	2,434
36	43	96 718	30 581,808	636 604,308	20,816	20,353	86	93	4 743	303,035	825,078	2,723	2,259
37	44	96 527	29 560,930	606 022,500	20,501	20,037	87	94	3 289	203,533	522,044	2,565	2,101
38	45	96 323	28 569,819	576 461,570	20,177	19,714	88	95	2 186	131,031	318,511	2,431	1,967
39	46	96 089	27 603,350	547 891,751	19,849	19,385	89	96	1 403	81,421	187,480	2,303	1,839
40	47	95 827	26 661,683	520 288,401	19,514	19,051	90	97	863	48,502	106,059	2,187	1,723
41	48	95 531	25 742,495	493 626,719	19,176	18,712	91	98	513	27,924	57,557	2,061	1,598
42	49	95 212	24 849,035	467 884,223	18,829	18,365	92	99	287	15,162	29,632	1,954	1,491
43	50	94 860	23 977,783	443 035,189	18,477	18,013	93	100	152	7,760	14,471	1,865	1,401
44	51	94 456	23 124,219	419 057,406	18,122	17,658							
45	52	94 020	22 293,011	395 933,187	17,760	17,297							
46	53	93 534	21 479,565	373 640,176	17,395	16,932							
47	54	92 993	20 683,100	352 160,610	17,026	16,563							
48	55	92 410	19 906,465	331 477,511	16,652	16,188							
49	56	91 752	19 142,669	311 571,045	16,276	15,813							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 773 050,423	27,846	27,383	50	58	90 672	18 321,934	287 138,949	15,672	15,208
1	9	99 173	96 051,745	2 673 466,335	27,834	27,370	51	59	89 873	17 588,842	268 817,016	15,283	14,820
2	10	99 132	92 989,309	2 577 414,590	27,717	27,254	52	60	89 014	16 872,402	251 228,174	14,890	14,426
3	11	99 105	90 037,695	2 484 425,281	27,593	27,130	53	61	88 062	16 166,479	234 355,772	14,496	14,033
4	12	99 082	87 183,487	2 394 387,586	27,464	27,000	54	62	87 059	15 479,263	218 189,293	14,096	13,632
5	13	99 060	84 420,574	2 307 204,099	27,330	26,866	55	63	85 958	14 802,483	202 710,029	13,694	13,231
6	14	99 039	81 745,765	2 222 783,525	27,191	26,728	56	64	84 796	14 142,699	187 907,546	13,287	12,823
7	15	99 016	79 154,507	2 141 037,760	27,049	26,585	57	65	83 559	13 497,664	173 764,847	12,874	12,410
8	16	98 993	76 645,155	2 061 883,253	26,902	26,438	58	66	82 251	12 868,271	160 267,184	12,454	11,991
9	17	98 968	74 213,526	1 985 238,098	26,750	26,287	59	67	80 854	12 251,472	147 398,913	12,031	11,567
10	18	98 942	71 858,721	1 911 024,572	26,594	26,131	60	68	79 356	11 645,954	135 147,441	11,605	11,141
11	19	98 911	69 575,400	1 839 165,852	26,434	25,971	61	69	77 745	11 050,467	123 501,487	11,176	10,713
12	20	98 881	67 364,333	1 769 590,452	26,269	25,805	62	70	76 028	10 466,247	112 451,020	10,744	10,281
13	21	98 849	65 223,319	1 702 226,119	26,098	25,635	63	71	74 196	9 892,552	101 984,773	10,309	9,846
14	22	98 819	63 151,102	1 637 002,800	25,922	25,458	64	72	72 245	9 329,166	92 092,221	9,871	9,408
15	23	98 780	61 139,155	1 573 851,698	25,742	25,278	65	73	70 105	8 767,831	82 763,055	9,439	8,976
16	24	98 738	59 189,384	1 512 712,544	25,557	25,094	66	74	67 816	8 214,574	73 995,224	9,008	8,544
17	25	98 686	57 296,252	1 453 523,159	25,369	24,905	67	75	65 396	7 672,196	65 780,650	8,574	8,110
18	26	98 631	55 461,428	1 396 226,907	25,175	24,711	68	76	62 787	7 134,159	58 108,454	8,145	7,681
19	27	98 550	53 671,475	1 340 765,479	24,981	24,517	69	77	59 992	6 602,107	50 974,295	7,721	7,257
20	28	98 470	51 940,301	1 287 094,004	24,780	24,317	70	78	56 996	6 074,926	44 372,188	7,304	6,841
21	29	98 386	50 262,266	1 235 153,703	24,574	24,111	71	79	53 801	5 553,850	38 297,262	6,896	6,432
22	30	98 303	48 639,214	1 184 891,437	24,361	23,897	72	80	50 443	5 043,303	32 743,412	6,492	6,029
23	31	98 221	47 068,771	1 136 252,223	24,140	23,677	73	81	46 851	4 536,762	27 700,108	6,106	5,642
24	32	98 135	45 547,226	1 089 183,452	23,913	23,450	74	82	43 105	4 042,586	23 163,346	5,730	5,266
25	33	98 044	44 072,852	1 043 636,226	23,680	23,216	75	83	39 186	3 559,393	19 120,760	5,372	4,908
26	34	97 951	42 644,838	999 563,374	23,439	22,976	76	84	35 185	3 095,385	15 561,367	5,027	4,564
27	35	97 851	41 260,531	956 918,536	23,192	22,728	77	85	31 143	2 653,545	12 465,982	4,698	4,234
28	36	97 748	39 919,462	915 658,004	22,938	22,474	78	86	27 071	2 233,978	9 812,437	4,392	3,929
29	37	97 642	38 620,940	875 738,543	22,675	22,212	79	87	23 094	1 845,803	7 578,458	4,106	3,642
30	38	97 527	37 361,515	837 117,603	22,406	21,942	80	88	19 207	1 486,835	5 732,655	3,856	3,392
31	39	97 405	36 140,129	799 756,088	22,129	21,666	81	89	15 657	1 173,849	4 245,819	3,617	3,153
32	40	97 264	34 952,004	763 615,958	21,848	21,384	82	90	12 460	904,779	3 071,971	3,395	2,932
33	41	97 123	33 802,436	728 663,955	21,557	21,093	83	91	9 740	684,972	2 167,192	3,164	2,700
34	42	96 971	32 687,476	694 861,518	21,258	20,794	84	92	7 326	499,014	1 482,220	2,970	2,507
35	43	96 801	31 603,070	662 174,043	20,953	20,489	85	93	5 346	352,663	983,206	2,788	2,324
36	44	96 615	30 549,528	630 570,973	20,641	20,177	86	94	3 762	240,342	630,543	2,624	2,160
37	45	96 418	29 527,502	600 021,446	20,321	19,857	87	95	2 548	157,658	390,201	2,475	2,011
38	46	96 193	28 531,177	570 493,944	19,995	19,532	88	96	1 652	99,001	232,542	2,349	1,885
39	47	95 940	27 560,540	541 962,767	19,664	19,201	89	97	1 032	59,927	133,542	2,228	1,765
40	48	95 661	26 615,413	514 402,228	19,327	18,864	90	98	618	34,730	73,615	2,120	1,656
41	49	95 354	25 694,796	487 786,814	18,984	18,520	91	99	357	19,427	38,885	2,002	1,538
42	50	95 013	24 797,049	462 092,019	18,635	18,171	92	100	194	10,236	19,458	1,901	1,437
43	51	94 638	23 921,760	437 294,970	18,280	17,817							
44	52	94 221	23 066,621	413 373,210	17,921	17,457							
45	53	93 760	22 231,240	390 306,589	17,557	17,093							
46	54	93 249	21 414,285	368 075,348	17,188	16,725							
47	55	92 696	20 617,200	346 661,063	16,814	16,351							
48	56	92 077	19 834,851	326 043,863	16,438	15,974							
49	57	91 404	19 070,063	306 209,012	16,057	15,593							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 766 089,874	27,778	27,315	50	59	90 259	18 238,392	281 550,169	15,437	14,974
1	10	99 167	96 045,647	2 666 511,971	27,763	27,299	51	60	89 444	17 504,796	263 311,777	15,042	14,579
2	11	99 124	92 981,817	2 570 466,324	27,645	27,181	52	61	88 528	16 780,146	245 806,981	14,649	14,185
3	12	99 097	90 030,544	2 477 484,507	27,518	27,055	53	62	87 561	16 074,565	229 026,835	14,248	13,784
4	13	99 074	87 176,804	2 387 453,963	27,386	26,923	54	63	86 513	15 382,134	212 952,270	13,844	13,381
5	14	99 050	84 412,269	2 300 277,159	27,251	26,787	55	64	85 385	14 703,771	197 570,136	13,437	12,973
6	15	99 027	81 735,645	2 215 864,889	27,110	26,647	56	65	84 186	14 040,931	182 866,365	13,024	12,560
7	16	99 003	79 143,777	2 134 129,244	26,965	26,502	57	66	82 912	13 393,159	168 825,434	12,605	12,142
8	17	98 977	76 632,833	2 054 985,467	26,816	26,352	58	67	81 575	12 762,497	155 432,275	12,179	11,715
9	18	98 950	74 200,499	1 978 352,634	26,662	26,199	59	68	80 125	12 140,968	142 669,778	11,751	11,287
10	19	98 920	71 843,024	1 904 152,135	26,504	26,041	60	69	78 579	11 531,881	130 528,810	11,319	10,855
11	20	98 890	69 560,437	1 832 309,111	26,341	25,878	61	70	76 893	10 929,269	118 996,930	10,888	10,424
12	21	98 860	67 350,120	1 762 748,674	26,173	25,709	62	71	75 120	10 341,194	108 067,661	10,450	9,987
13	22	98 828	65 209,221	1 695 398,554	25,999	25,536	63	72	73 206	9 760,555	97 726,467	10,012	9,549
14	23	98 797	63 136,590	1 630 189,333	25,820	25,356	64	73	71 127	9 184,796	87 965,911	9,577	9,114
15	24	98 758	61 125,248	1 567 052,743	25,637	25,173	65	74	68 889	8 615,837	78 781,115	9,144	8,680
16	25	98 716	59 175,927	1 505 927,495	25,448	24,985	66	75	66 505	8 055,835	70 165,278	8,710	8,246
17	26	98 664	57 283,484	1 446 751,567	25,256	24,792	67	76	63 939	7 501,250	62 109,443	8,280	7,816
18	27	98 604	55 446,611	1 389 468,083	25,060	24,596	68	77	61 195	6 953,325	54 608,193	7,854	7,390
19	28	98 524	53 657,621	1 334 021,472	24,862	24,398	69	78	58 255	6 410,948	47 654,868	7,433	6,970
20	29	98 445	51 926,810	1 280 363,851	24,657	24,193	70	79	55 101	5 872,886	41 243,921	7,023	6,559
21	30	98 359	50 248,325	1 228 437,041	24,447	23,984	71	80	51 781	5 345,300	35 371,035	6,617	6,154
22	31	98 276	48 625,866	1 178 188,716	24,230	23,766	72	81	48 255	4 824,559	30 025,735	6,224	5,760
23	32	98 189	47 053,426	1 129 562,850	24,006	23,542	73	82	44 532	4 312,212	25 201,176	5,844	5,381
24	33	98 101	45 531,451	1 082 509,425	23,775	23,311	74	83	40 653	3 812,693	20 888,965	5,479	5,015
25	34	98 009	44 056,906	1 036 977,974	23,537	23,074	75	84	36 640	3 328,178	17 076,272	5,131	4,667
26	35	97 911	42 627,532	992 921,067	23,293	22,829	76	85	32 582	2 866,371	13 748,093	4,796	4,333
27	36	97 810	41 242,948	950 293,535	23,041	22,578	77	86	28 487	2 427,210	10 881,723	4,483	4,020
28	37	97 702	39 900,847	909 050,587	22,783	22,319	78	87	24 455	2 018,067	8 454,513	4,189	3,726
29	38	97 590	38 600,598	869 149,741	22,516	22,053	79	88	20 446	1 634,161	6 436,445	3,939	3,475
30	39	97 470	37 339,488	830 549,143	22,243	21,780	80	89	16 798	1 300,294	4 802,285	3,693	3,230
31	40	97 337	36 114,713	793 209,655	21,964	21,500	81	90	13 469	1 009,781	3 501,991	3,468	3,004
32	41	97 195	34 927,090	757 094,941	21,676	21,213	82	91	10 614	770,694	2 492,209	3,234	2,770
33	42	97 042	33 774,347	722 167,851	21,382	20,919	83	92	8 053	566,373	1 721,515	3,040	2,576
34	43	96 880	32 656,555	688 393,504	21,080	20,616	84	93	5 942	404,709	1 155,142	2,854	2,391
35	44	96 699	31 569,711	655 736,949	20,771	20,307	85	94	4 240	279,703	750,434	2,683	2,219
36	45	96 506	30 514,981	624 167,238	20,454	19,991	86	95	2 914	186,171	470,730	2,528	2,065
37	46	96 288	29 487,564	593 652,256	20,132	19,669	87	96	1 925	119,119	284,560	2,389	1,925
38	47	96 043	28 486,927	564 164,693	19,804	19,341	88	97	1 216	72,865	165,441	2,270	1,807
39	48	95 774	27 512,711	535 677,765	19,470	19,007	89	98	739	42,910	92,575	2,157	1,694
40	49	95 484	26 566,096	508 165,055	19,128	18,665	90	99	430	24,162	49,665	2,055	1,592
41	50	95 154	25 641,040	481 598,959	18,782	18,319	91	100	241	13,115	25,503	1,944	1,481
42	51	94 791	24 739,111	455 957,919	18,431	17,967							
43	52	94 402	23 862,176	431 218,807	18,071	17,608							
44	53	93 960	23 002,707	407 356,631	17,709	17,245							
45	54	93 475	22 163,676	384 353,924	17,342	16,878							
46	55	92 952	21 346,056	362 190,248	16,968	16,504							
47	56	92 363	20 543,029	340 844,192	16,592	16,128							
48	57	91 728	19 759,620	320 301,163	16,210	15,746							
49	58	91 027	18 991,374	300 541,544	15,825	15,362							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 758 702,748	27,706	27,242	50	60	89 828	18 151,243	275 661,568	15,187	14,723
1	11	99 159	96 037,910	2 659 131,167	27,688	27,225	51	61	88 955	17 409,082	257 510,325	14,792	14,328
2	12	99 116	92 974,433	2 563 093,257	27,568	27,104	52	62	88 024	16 684,743	240 101,243	14,390	13,927
3	13	99 089	90 023,643	2 470 118,825	27,439	26,975	53	63	87 012	15 973,701	223 416,500	13,987	13,523
4	14	99 065	87 168,228	2 380 095,182	27,305	26,841	54	64	85 936	15 279,557	207 442,800	13,576	13,113
5	15	99 038	84 401,820	2 292 926,953	27,167	26,703	55	65	84 771	14 597,965	192 163,243	13,164	12,700
6	16	99 013	81 724,565	2 208 525,134	27,024	26,560	56	66	83 534	13 932,220	177 565,278	12,745	12,281
7	17	98 987	79 131,053	2 126 800,569	26,877	26,413	57	67	82 230	13 283,070	163 633,058	12,319	11,855
8	18	98 960	76 619,381	2 047 669,515	26,725	26,262	58	68	80 840	12 647,384	150 349,988	11,888	11,424
9	19	98 929	74 184,291	1 971 050,134	26,570	26,106	59	69	79 340	12 022,045	137 702,604	11,454	10,991
10	20	98 899	71 827,574	1 896 865,844	26,409	25,945	60	70	77 717	11 405,403	125 680,558	11,019	10,556
11	21	98 869	69 545,761	1 825 038,270	26,242	25,779	61	71	75 974	10 798,684	114 275,156	10,582	10,119
12	22	98 838	67 335,562	1 755 492,509	26,071	25,607	62	72	74 117	10 203,212	103 476,472	10,142	9,678
13	23	98 805	65 194,237	1 688 156,947	25,894	25,431	63	73	72 073	9 609,509	93 273,260	9,706	9,243
14	24	98 774	63 122,229	1 622 962,710	25,711	25,248	64	74	69 894	9 025,574	83 663,751	9,270	8,806
15	25	98 735	61 111,351	1 559 840,481	25,525	25,061	65	75	67 558	8 449,344	74 638,177	8,834	8,370
16	26	98 694	59 162,741	1 498 729,130	25,332	24,869	66	76	65 023	7 876,342	66 188,833	8,403	7,940
17	27	98 638	57 268,180	1 439 566,389	25,137	24,674	67	77	62 319	7 311,111	58 312,491	7,976	7,512
18	28	98 579	55 432,299	1 382 298,209	24,937	24,473	68	78	59 423	6 751,996	51 001,380	7,554	7,090
19	29	98 499	53 643,684	1 326 865,910	24,735	24,271	69	79	56 318	6 197,732	44 249,384	7,140	6,676
20	30	98 418	51 912,408	1 273 222,226	24,526	24,063	70	80	53 031	5 652,355	38 051,653	6,732	6,268
21	31	98 332	50 234,535	1 221 309,818	24,312	23,849	71	81	49 535	5 113,457	32 399,298	6,336	5,872
22	32	98 244	48 610,012	1 171 075,284	24,091	23,628	72	82	45 867	4 585,764	27 285,841	5,950	5,486
23	33	98 155	47 037,129	1 122 465,271	23,863	23,400	73	83	42 000	4 066,986	22 700,077	5,582	5,118
24	34	98 065	45 514,978	1 075 428,142	23,628	23,164	74	84	38 013	3 565,024	18 633,091	5,227	4,763
25	35	97 969	44 039,027	1 029 913,164	23,386	22,923	75	85	33 930	3 081,940	15 068,067	4,889	4,426
26	36	97 869	42 609,366	985 874,137	23,137	22,674	76	86	29 803	2 621,882	11 986,127	4,572	4,108
27	37	97 764	41 223,716	943 264,771	22,882	22,418	77	87	25 733	2 192,624	9 364,245	4,271	3,807
28	38	97 651	39 879,831	902 041,055	22,619	22,155	78	88	21 651	1 786,673	7 171,621	4,014	3,550
29	39	97 533	38 577,840	862 161,224	22,349	21,885	79	89	17 881	1 429,136	5 384,948	3,768	3,304
30	40	97 401	37 313,229	823 583,384	22,072	21,609	80	90	14 450	1 118,554	3 955,813	3,537	3,073
31	41	97 267	36 088,971	786 270,155	21,787	21,323	81	91	11 473	860,135	2 837,259	3,299	2,835
32	42	97 114	34 898,067	750 181,184	21,496	21,033	82	92	8 776	637,253	1 977,124	3,103	2,639
33	43	96 950	33 742,398	715 283,118	21,198	20,735	83	93	6 531	459,338	1 339,871	2,917	2,453
34	44	96 777	32 622,084	681 540,719	20,892	20,428	84	94	4 712	320,981	880,533	2,743	2,280
35	45	96 590	31 534,011	648 918,635	20,578	20,115	85	95	3 284	216,660	559,552	2,583	2,119
36	46	96 376	30 473,708	617 384,623	20,260	19,796	86	96	2 202	140,662	342,892	2,438	1,974
37	47	96 138	29 441,831	586 910,916	19,935	19,471	87	97	1 417	87,673	202,230	2,307	1,843
38	48	95 877	28 437,491	557 469,084	19,603	19,140	88	98	871	52,175	114,557	2,196	1,732
39	49	95 596	27 461,731	529 031,594	19,264	18,801	89	99	514	29,853	62,382	2,090	1,626
40	50	95 284	26 510,518	501 569,863	18,920	18,456	90	100	290	16,312	32,529	1,994	1,531
41	51	94 932	25 581,131	475 059,345	18,571	18,107							
42	52	94 555	24 677,492	449 478,215	18,214	17,750							
43	53	94 141	23 796,058	424 800,723	17,852	17,388							
44	54	93 674	22 932,798	401 004,665	17,486	17,022							
45	55	93 177	22 093,059	378 071,867	17,113	16,649							
46	56	92 618	21 269,263	355 978,809	16,737	16,273							
47	57	92 013	20 465,112	334 709,546	16,355	15,892							
48	58	91 349	19 678,086	314 244,434	15,969	15,506							
49	59	90 612	18 904,780	294 566,348	15,582	15,118							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 750 877,431	27,629	27,166	50	61	89 336	18 051,994	269 469,434	14,927	14,464
1	12	99 151	96 030,282	2 651 313,871	27,609	27,146	51	62	88 449	17 310,103	251 417,440	14,524	14,061
2	13	99 108	92 967,306	2 555 283,589	27,486	27,022	52	63	87 472	16 580,050	234 107,337	14,120	13,656
3	14	99 080	90 014,787	2 462 316,283	27,355	26,891	53	64	86 432	15 867,178	217 527,287	13,709	13,246
4	15	99 052	87 157,437	2 372 301,496	27,219	26,755	54	65	85 317	15 169,608	201 660,109	13,294	12,830
5	16	99 025	84 390,378	2 285 144,059	27,078	26,615	55	66	84 114	14 484,941	186 490,502	12,875	12,411
6	17	98 997	81 711,427	2 200 753,681	26,933	26,470	56	67	82 847	13 817,700	172 005,560	12,448	11,985
7	18	98 969	79 117,163	2 119 042,254	26,784	26,320	57	68	81 489	13 163,262	158 187,860	12,017	11,554
8	19	98 938	76 602,645	2 039 925,091	26,630	26,166	58	69	80 048	12 523,501	145 024,598	11,580	11,117
9	20	98 907	74 168,337	1 963 322,446	26,471	26,008	59	70	78 470	11 890,192	132 501,097	11,144	10,680
10	21	98 878	71 812,419	1 889 154,109	26,307	25,843	60	71	76 788	11 269,129	120 610,905	10,703	10,239
11	22	98 848	69 530,729	1 817 341,690	26,137	25,674	61	72	74 960	10 654,597	109 341,777	10,262	9,799
12	23	98 816	67 320,089	1 747 810,962	25,963	25,499	62	73	72 971	10 045,316	98 687,180	9,824	9,361
13	24	98 783	65 179,408	1 680 490,873	25,783	25,319	63	74	70 824	9 442,925	88 641,864	9,387	8,923
14	25	98 752	63 107,878	1 615 311,465	25,596	25,132	64	75	68 543	8 851,163	79 198,939	8,948	8,484
15	26	98 713	61 097,733	1 552 203,587	25,405	24,942	65	76	66 053	8 261,083	70 347,777	8,516	8,052
16	27	98 667	59 146,935	1 491 105,854	25,210	24,747	66	77	63 375	7 676,695	62 086,694	8,088	7,624
17	28	98 613	57 253,398	1 431 958,919	25,011	24,547	67	78	60 514	7 099,423	54 409,999	7,664	7,200
18	29	98 553	55 417,901	1 374 705,522	24,806	24,343	68	79	57 447	6 527,437	47 310,576	7,248	6,784
19	30	98 471	53 628,805	1 319 287,620	24,600	24,137	69	80	54 203	5 965,003	40 783,139	6,837	6,373
20	31	98 391	51 898,161	1 265 658,815	24,387	23,924	70	81	50 731	5 407,194	34 818,136	6,439	5,976
21	32	98 300	50 218,157	1 213 760,654	24,170	23,706	71	82	47 083	4 860,363	29 410,941	6,051	5,588
22	33	98 210	48 593,177	1 163 542,497	23,945	23,481	72	83	43 258	4 324,981	24 550,579	5,676	5,213
23	34	98 119	47 020,111	1 114 949,320	23,712	23,249	73	84	39 272	3 802,798	20 225,597	5,319	4,855
24	35	98 026	45 496,507	1 067 929,209	23,473	23,009	74	85	35 200	3 301,263	16 422,799	4,975	4,511
25	36	97 927	44 020,260	1 022 432,702	23,226	22,763	75	86	31 036	2 819,065	13 121,537	4,655	4,191
26	37	97 824	42 589,497	978 412,442	22,973	22,509	76	87	26 922	2 368,481	10 302,472	4,350	3,886
27	38	97 712	41 202,003	935 822,946	22,713	22,249	77	88	22 783	1 941,214	7 933,991	4,087	3,624
28	39	97 593	39 856,319	894 620,942	22,446	21,983	78	89	18 934	1 562,513	5 992,777	3,835	3,372
29	40	97 464	38 550,710	854 764,623	22,172	21,709	79	90	15 382	1 229,387	4 430,264	3,604	3,140
30	41	97 332	37 286,632	816 213,913	21,890	21,427	80	91	12 308	952,788	3 200,877	3,359	2,896
31	42	97 186	36 058,982	778 927,281	21,601	21,138	81	92	9 486	711,208	2 248,089	3,161	2,697
32	43	97 022	34 865,055	742 868,300	21,307	20,843	82	93	7 117	516,823	1 536,881	2,974	2,510
33	44	96 848	33 706,782	708 003,245	21,005	20,541	83	94	5 180	364,309	1 020,058	2,800	2,336
34	45	96 668	32 585,195	674 296,463	20,693	20,230	84	95	3 650	248,635	655,750	2,637	2,174
35	46	96 459	31 491,360	641 711,268	20,377	19,914	85	96	2 481	163,698	407,115	2,487	2,023
36	47	96 226	30 426,446	610 219,909	20,056	19,592	86	97	1 620	103,528	243,417	2,351	1,888
37	48	95 972	29 390,737	579 793,463	19,727	19,263	87	98	1 014	62,778	139,888	2,228	1,765
38	49	95 699	28 384,797	550 402,726	19,391	18,927	88	99	606	36,299	77,111	2,124	1,661
39	50	95 396	27 404,279	522 017,929	19,049	18,585	89	100	347	20,154	40,812	2,025	1,561
40	51	95 062	26 448,577	494 613,650	18,701	18,237							
41	52	94 695	25 517,414	468 165,073	18,347	17,883							
42	53	94 293	24 609,114	442 647,659	17,987	17,524							
43	54	93 855	23 723,737	418 038,545	17,621	17,157							
44	55	93 376	22 859,731	394 314,808	17,249	16,786							
45	56	92 842	22 013,578	371 455,078	16,874	16,410							
46	57	92 267	21 188,591	349 441,499	16,492	16,028							
47	58	91 633	20 380,667	328 252,909	16,106	15,642							
48	59	90 933	19 588,361	307 872,242	15,717	15,253							
49	60	90 179	18 814,447	288 283,881	15,322	14,859							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 742 604,368	27,548	27,085	50	62	88 828	17 949,360	262 979,554	14,651	14,188
1	13	99 144	96 022,921	2 643 048,715	27,525	27,062	51	63	87 894	17 201,486	245 030,195	14,245	13,781
2	14	99 099	92 958,161	2 547 025,794	27,400	26,936	52	64	86 889	16 469,483	227 828,708	13,833	13,370
3	15	99 067	90 003,644	2 454 067,634	27,266	26,803	53	65	85 810	15 753,001	211 359,225	13,417	12,953
4	16	99 039	87 145,622	2 364 063,990	27,128	26,664	54	66	84 657	15 052,158	195 606,224	12,995	12,532
5	17	99 009	84 376,811	2 276 918,368	26,985	26,521	55	67	83 423	14 365,879	180 554,066	12,568	12,105
6	18	98 980	81 697,083	2 192 541,557	26,837	26,374	56	68	82 100	13 693,070	166 188,188	12,137	11,673
7	19	98 948	79 099,881	2 110 844,473	26,686	26,222	57	69	80 690	13 034,326	152 495,118	11,700	11,236
8	20	98 917	76 586,171	2 031 744,593	26,529	26,065	58	70	79 170	12 386,148	139 460,792	11,259	10,796
9	21	98 887	74 152,688	1 955 158,422	26,367	25,903	59	71	77 532	11 748,125	127 074,644	10,817	10,353
10	22	98 857	71 796,897	1 881 005,733	26,199	25,735	60	72	75 764	11 118,765	115 326,519	10,372	9,909
11	23	98 825	69 514,751	1 809 208,836	26,026	25,563	61	73	73 800	10 489,715	104 489,715	9,934	9,471
12	24	98 793	67 304,777	1 739 694,086	25,848	25,384	62	74	71 706	9 871,176	93 718,039	9,494	9,030
13	25	98 760	65 164,589	1 672 389,309	25,664	25,200	63	75	69 455	9 260,449	83 846,863	9,054	8,591
14	26	98 730	63 093,815	1 607 224,720	25,474	25,010	64	76	67 016	8 653,949	74 586,414	8,619	8,155
15	27	98 687	61 081,410	1 544 130,905	25,280	24,816	65	77	64 378	8 051,684	65 932,466	8,189	7,725
16	28	98 642	59 131,667	1 483 049,495	25,080	24,617	66	78	61 540	7 454,422	57 880,782	7,765	7,301
17	29	98 587	57 238,527	1 423 917,828	24,877	24,413	67	79	58 502	6 863,310	50 426,360	7,347	6,884
18	30	98 526	55 402,531	1 366 679,301	24,668	24,205	68	80	55 290	6 282,328	43 563,051	6,934	6,471
19	31	98 444	53 614,087	1 311 276,770	24,458	23,994	69	81	51 852	5 706,282	37 280,723	6,533	6,070
20	32	98 358	51 881,241	1 257 662,683	24,241	23,778	70	82	48 220	5 139,561	31 574,441	6,143	5,680
21	33	98 266	50 200,764	1 205 781,442	24,019	23,556	71	83	44 405	4 583,964	26 434,880	5,767	5,303
22	34	98 175	48 575,596	1 155 580,678	23,789	23,326	72	84	40 448	4 044,035	21 850,916	5,403	4,940
23	35	98 080	47 001,029	1 107 005,082	23,553	23,089	73	85	36 366	3 521,445	17 806,881	5,057	4,593
24	36	97 984	45 477,118	1 060 004,052	23,309	22,845	74	86	32 198	3 019,680	14 285,436	4,731	4,267
25	37	97 882	43 999,732	1 014 526,934	23,058	22,594	75	87	28 036	2 546,606	11 265,756	4,424	3,960
26	38	97 772	42 567,065	970 527,201	22,800	22,336	76	88	23 835	2 096,907	8 719,150	4,158	3,694
27	39	97 655	41 177,712	927 960,136	22,535	22,072	77	89	19 924	1 697,665	6 622,242	3,901	3,437
28	40	97 524	39 828,289	886 782,424	22,265	21,802	78	90	16 288	1 344,123	4 924,577	3,664	3,200
29	41	97 395	38 523,231	846 954,135	21,986	21,522	79	91	13 102	1 047,196	3 580,455	3,419	2,955
30	42	97 251	37 255,648	808 430,904	21,700	21,236	80	92	10 177	787,818	2 533,258	3,216	2,752
31	43	97 094	36 024,872	771 175,256	21,407	20,943	81	93	7 693	576,801	1 745,440	3,026	2,562
32	44	96 920	34 828,253	735 150,384	21,108	20,644	82	94	5 645	409,901	1 168,639	2,851	2,387
33	45	96 738	33 668,665	700 322,131	20,800	20,337	83	95	4 013	282,197	758,738	2,689	2,225
34	46	96 537	32 541,121	666 653,466	20,486	20,023	84	96	2 758	187,856	476,542	2,537	2,073
35	47	96 310	31 442,519	634 112,345	20,167	19,704	85	97	1 826	120,483	288,685	2,396	1,932
36	48	96 059	30 373,643	602 669,826	19,842	19,378	86	98	1 160	74,131	168,202	2,269	1,805
37	49	95 794	29 336,277	572 296,182	19,508	19,045	87	99	706	43,676	94,071	2,154	1,690
38	50	95 499	28 325,414	542 959,905	19,169	18,705	88	100	409	24,505	50,395	2,056	1,593
39	51	95 173	27 340,250	514 634,491	18,823	18,360							
40	52	94 825	26 382,699	487 294,241	18,470	18,007							
41	53	94 433	25 446,709	460 911,542	18,113	17,649							
42	54	94 006	24 534,323	435 464,833	17,749	17,286							
43	55	93 556	23 648,150	410 930,510	17,377	16,913							
44	56	93 040	22 777,492	387 282,361	17,003	16,539							
45	57	92 490	21 930,083	364 504,869	16,621	16,158							
46	58	91 886	21 101,161	342 574,786	16,235	15,771							
47	59	91 215	20 287,738	321 473,625	15,846	15,382							
48	60	90 498	19 494,761	301 185,887	15,450	14,986							
49	61	89 686	18 711,572	281 691,126	15,054	14,591							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 733 872,557	27,463	26,999	50	63	88 271	17 836,731	256 189,642	14,363	13,899
1	14	99 134	96 013,475	2 634 324,535	27,437	26,973	51	64	87 308	17 086,776	238 352,910	13,950	13,486
2	15	99 086	92 946,653	2 538 311,060	27,309	26,846	52	65	86 263	16 350,972	221 266,135	13,532	13,069
3	16	99 054	89 991,443	2 445 364,407	27,173	26,710	53	66	85 145	15 631,034	204 915,162	13,110	12,646
4	17	99 023	87 131,613	2 355 372,965	27,032	26,569	54	67	83 961	14 928,433	189 284,128	12,679	12,216
5	18	98 991	84 362,000	2 268 241,352	26,887	26,423	55	68	82 670	14 236,304	174 355,695	12,247	11,784
6	19	98 958	81 679,238	2 183 879,352	26,737	26,274	56	69	81 296	13 558,944	160 119,392	11,809	11,346
7	20	98 927	79 082,870	2 102 200,115	26,582	26,119	57	70	79 805	12 891,370	146 560,448	11,369	10,905
8	21	98 896	76 570,012	2 023 117,245	26,422	25,958	58	71	78 224	12 238,155	133 669,078	10,922	10,459
9	22	98 865	74 136,660	1 946 547,233	26,256	25,793	59	72	76 498	11 591,370	121 430,922	10,476	10,012
10	23	98 834	71 780,398	1 872 410,572	26,085	25,622	60	73	74 591	10 946,700	109 839,553	10,034	9,570
11	24	98 803	69 498,939	1 800 630,174	25,909	25,445	61	74	72 521	10 307,872	98 892,852	9,594	9,130
12	25	98 771	67 289,475	1 731 131,235	25,727	25,263	62	75	70 320	9 680,425	88 584,980	9,151	8,687
13	26	98 738	65 150,068	1 663 841,760	25,539	25,075	63	76	67 908	9 054,115	78 904,556	8,715	8,251
14	27	98 703	63 076,959	1 598 691,692	25,345	24,881	64	77	65 317	8 434,591	69 850,440	8,281	7,818
15	28	98 662	61 065,643	1 535 614,734	25,147	24,683	65	78	62 514	7 818,553	61 415,849	7,855	7,392
16	29	98 616	59 116,309	1 474 549,090	24,943	24,480	66	79	59 493	7 206,502	53 597,296	7,437	6,974
17	30	98 560	57 222,651	1 415 432,782	24,736	24,272	67	80	56 305	6 605,588	46 390,795	7,023	6,559
18	31	98 499	55 387,326	1 358 210,130	24,522	24,058	68	81	52 892	6 009,843	39 785,207	6,620	6,156
19	32	98 412	53 596,608	1 302 822,805	24,308	23,844	69	82	49 286	5 423,845	33 775,363	6,227	5,764
20	33	98 324	51 863,272	1 249 226,197	24,087	23,623	70	83	45 478	4 847,285	28 351,518	5,849	5,385
21	34	98 230	50 182,602	1 197 362,925	23,860	23,396	71	84	41 521	4 286,194	23 504,233	5,484	5,020
22	35	98 135	48 555,883	1 147 180,323	23,626	23,162	72	85	37 456	3 744,833	19 218,039	5,132	4,668
23	36	98 038	46 981,000	1 098 624,440	23,384	22,921	73	86	33 264	3 221,082	15 473,205	4,804	4,340
24	37	97 938	45 455,912	1 051 643,440	23,135	22,672	74	87	29 086	2 727,832	12 252,124	4,492	4,028
25	38	97 830	43 976,558	1 006 187,528	22,880	22,416	75	88	24 821	2 254,609	9 524,291	4,224	3,761
26	39	97 715	42 541,969	962 210,970	22,618	22,154	76	89	20 845	1 833,825	7 269,683	3,964	3,501
27	40	97 586	41 148,753	919 669,002	22,350	21,886	77	90	17 140	1 460,385	5 435,858	3,722	3,259
28	41	97 455	39 799,900	878 520,248	22,073	21,610	78	91	13 874	1 144,928	3 975,473	3,472	3,009
29	42	97 314	38 491,219	838 720,348	21,790	21,326	79	92	10 834	865,880	2 830,545	3,269	2,805
30	43	97 159	37 220,406	800 229,129	21,500	21,036	80	93	8 254	638,934	1 964,665	3,075	2,611
31	44	96 992	35 986,846	763 008,723	21,202	20,739	81	94	6 102	457,471	1 325,731	2,898	2,434
32	45	96 810	34 788,869	727 021,877	20,898	20,434	82	95	4 373	317,513	868,260	2,735	2,271
33	46	96 607	33 623,126	692 233,009	20,588	20,124	83	96	3 032	213,214	550,747	2,583	2,119
34	47	96 387	32 490,652	658 609,883	20,271	19,807	84	97	2 030	138,264	337,533	2,441	1,978
35	48	96 142	31 387,953	626 119,230	19,948	19,484	85	98	1 308	86,271	199,269	2,310	1,846
36	49	95 881	30 317,362	594 731,277	19,617	19,153	86	99	807	51,574	112,998	2,191	1,727
37	50	95 593	29 274,904	564 413,915	19,280	18,816	87	100	476	29,485	61,423	2,083	1,620
38	51	95 276	28 259,233	535 139,011	18,937	18,473							
39	52	94 936	27 272,151	506 879,778	18,586	18,122							
40	53	94 562	26 309,597	479 607,627	18,229	17,766							
41	54	94 146	25 369,372	453 298,030	17,868	17,404							
42	55	93 707	24 456,153	427 928,658	17,498	17,034							
43	56	93 219	23 563,075	403 472,506	17,123	16,659							
44	57	92 687	22 691,099	379 909,431	16,743	16,279							
45	58	92 108	21 839,594	357 218,332	16,356	15,893							
46	59	91 467	21 004,947	335 378,738	15,967	15,503							
47	60	90 779	20 190,796	314 373,792	15,570	15,107							
48	61	90 004	19 388,166	294 182,995	15,173	14,710							
49	62	89 176	18 605,188	274 794,829	14,770	14,306							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 724 671,048	27,373	26,909	50	64	87 682	17 717,785	249 104,770	14,060	13,596
1	15	99 122	96 001,589	2 625 132,819	27,345	26,881	51	65	86 680	16 963,822	231 386,985	13,640	13,176
2	16	99 073	92 934,053	2 529 131,230	27,214	26,751	52	66	85 596	16 224,376	214 423,163	13,216	12,752
3	17	99 038	89 976,976	2 436 197,177	27,076	26,612	53	67	84 445	15 502,551	198 198,787	12,785	12,321
4	18	99 006	87 116,318	2 346 220,202	26,932	26,468	54	68	83 204	14 793,784	182 696,236	12,350	11,886
5	19	98 970	84 343,572	2 259 103,884	26,785	26,321	55	69	81 861	14 096,857	167 902,452	11,911	11,447
6	20	98 937	81 661,672	2 174 760,312	26,631	26,168	56	70	80 404	13 410,234	153 805,595	11,469	11,006
7	21	98 906	79 066,184	2 093 098,640	26,473	26,009	57	71	78 852	12 737,341	140 395,361	11,022	10,559
8	22	98 875	76 553,462	2 014 032,456	26,309	25,845	58	72	77 180	12 074,862	127 658,020	10,572	10,109
9	23	98 843	74 119,624	1 937 478,994	26,140	25,676	59	73	75 314	11 411,992	115 583,158	10,128	9,665
10	24	98 812	71 764,072	1 863 359,370	25,965	25,501	60	74	73 298	10 756,935	104 171,166	9,684	9,220
11	25	98 780	69 483,138	1 791 595,298	25,785	25,321	61	75	71 119	10 108,682	93 414,232	9,241	8,777
12	26	98 749	67 274,480	1 722 112,160	25,598	25,135	62	76	68 753	9 464,734	83 305,550	8,802	8,338
13	27	98 712	65 132,662	1 654 837,680	25,407	24,944	63	77	66 187	8 824,615	73 840,816	8,368	7,904
14	28	98 678	63 060,677	1 589 705,018	25,209	24,746	64	78	63 426	8 190,374	65 016,202	7,938	7,474
15	29	98 636	61 049,783	1 526 644,341	25,007	24,543	65	79	60 435	7 558,523	56 825,828	7,518	7,054
16	30	98 589	59 099,912	1 465 594,559	24,799	24,335	66	80	57 259	6 935,893	49 267,306	7,103	6,640
17	31	98 533	57 206,947	1 406 494,647	24,586	24,122	67	81	53 863	6 319,083	42 331,413	6,699	6,235
18	32	98 467	55 369,268	1 349 287,700	24,369	23,905	68	82	50 274	5 712,381	36 012,330	6,304	5,841
19	33	98 378	53 578,045	1 293 918,432	24,150	23,687	69	83	46 483	5 115,403	30 299,949	5,923	5,460
20	34	98 289	51 844,508	1 240 340,386	23,924	23,461	70	84	42 524	4 532,410	25 184,546	5,557	5,093
21	35	98 190	50 162,237	1 188 495,878	23,693	23,229	71	85	38 449	3 969,077	20 652,136	5,203	4,740
22	36	98 093	48 535,191	1 138 333,641	23,454	22,990	72	86	34 261	3 425,416	16 683,059	4,870	4,407
23	37	97 992	46 959,092	1 089 798,451	23,207	22,744	73	87	30 049	2 909,769	13 257,643	4,556	4,093
24	38	97 887	45 431,970	1 042 839,359	22,954	22,490	74	88	25 751	2 415,055	10 347,874	4,285	3,821
25	39	97 772	43 950,631	997 407,389	22,694	22,230	75	89	21 707	1 971,741	7 932,819	4,023	3,560
26	40	97 646	42 512,051	953 456,758	22,428	21,964	76	90	17 932	1 577,514	5 961,079	3,779	3,315
27	41	97 517	41 119,423	910 944,708	22,154	21,690	77	91	14 600	1 243,961	4 383,565	3,524	3,060
28	42	97 374	39 766,827	869 825,285	21,873	21,410	78	92	11 472	946,691	3 139,604	3,316	2,853
29	43	97 222	38 454,809	830 058,458	21,585	21,122	79	93	8 786	702,243	2 192,914	3,123	2,659
30	44	97 056	37 181,118	791 603,649	21,290	20,827	80	94	6 546	506,749	1 490,670	2,942	2,478
31	45	96 882	35 946,151	754 422,531	20,988	20,524	81	95	4 727	354,361	983,921	2,777	2,313
32	46	96 680	34 741,814	718 476,380	20,680	20,217	82	96	3 304	239,897	629,560	2,624	2,161
33	47	96 458	33 570,980	683 734,566	20,367	19,903	83	97	2 231	156,928	389,663	2,483	2,019
34	48	96 220	32 434,268	650 163,586	20,046	19,582	84	98	1 453	99,003	232,736	2,351	1,887
35	49	95 964	31 329,793	617 729,318	19,717	19,253	85	99	910	60,021	133,732	2,228	1,764
36	50	95 681	30 253,936	586 399,526	19,383	18,919	86	100	545	34,818	73,711	2,117	1,653
37	51	95 370	29 206,504	556 145,590	19,042	18,578							
38	52	95 039	28 188,845	526 939,086	18,693	18,230							
39	53	94 673	27 196,584	498 750,241	18,339	17,875							
40	54	94 275	26 229,637	471 553,657	17,978	17,514							
41	55	93 846	25 288,541	445 324,019	17,610	17,146							
42	56	93 370	24 368,171	420 035,478	17,237	16,773							
43	57	92 865	23 473,702	395 667,307	16,856	16,392							
44	58	92 304	22 597,470	372 193,605	16,471	16,007							
45	59	91 688	21 740,013	349 596,135	16,081	15,617							
46	60	91 030	20 904,578	327 856,123	15,683	15,220							
47	61	90 283	20 080,396	306 951,545	15,286	14,823							
48	62	89 492	19 277,935	286 871,149	14,881	14,417							
49	63	88 616	18 488,444	267 593,214	14,474	14,010							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 714 991,572	27,279	26,816	50	65	87 051	17 590,291	241 726,913	13,742	13,278
1	16	99 108	95 988,575	2 615 465,666	27,248	26,784	51	66	86 008	16 832,481	224 136,622	13,316	12,852
2	17	99 057	92 919,113	2 519 477,091	27,115	26,651	52	67	84 892	16 091,015	207 304,141	12,883	12,420
3	18	99 021	89 961,181	2 426 557,978	26,973	26,510	53	68	83 684	15 362,724	191 213,125	12,447	11,983
4	19	98 984	87 097,288	2 336 596,797	26,827	26,364	54	69	82 389	14 648,877	175 850,402	12,004	11,541
5	20	98 948	84 325,433	2 249 499,509	26,676	26,213	55	70	80 963	13 942,247	161 201,525	11,562	11,098
6	21	98 916	81 644,443	2 165 174,075	26,520	26,056	56	71	79 444	13 250,006	147 259,278	11,114	10,650
7	22	98 884	79 049,094	2 083 529,633	26,357	25,894	57	72	77 800	12 567,387	134 009,272	10,663	10,200
8	23	98 852	76 535,870	2 004 480,539	26,190	25,726	58	73	75 986	11 888,001	121 441,885	10,216	9,752
9	24	98 820	74 102,765	1 927 944,668	26,017	25,554	59	74	74 008	11 214,160	109 553,884	9,769	9,306
10	25	98 789	71 747,756	1 853 841,903	25,838	25,375	60	75	71 882	10 549,067	98 339,723	9,322	8,859
11	26	98 758	69 467,655	1 782 094,147	25,654	25,190	61	76	69 535	9 883,449	87 790,656	8,883	8,419
12	27	98 722	67 256,507	1 712 626,493	25,464	25,000	62	77	67 010	9 224,825	77 907,208	8,445	7,982
13	28	98 686	65 115,849	1 645 369,986	25,268	24,805	63	78	64 270	8 569,104	68 682,383	8,015	7,551
14	29	98 652	63 044,298	1 580 254,137	25,066	24,602	64	79	61 317	7 917,977	60 113,279	7,592	7,128
15	30	98 609	61 032,850	1 517 209,839	24,859	24,395	65	80	58 166	7 274,695	52 195,302	7,175	6,711
16	31	98 562	59 083,693	1 456 176,989	24,646	24,182	66	81	54 776	6 635,061	44 920,606	6,770	6,307
17	32	98 500	57 188,296	1 397 093,297	24,430	23,966	67	82	51 197	6 006,315	38 285,545	6,374	5,911
18	33	98 433	55 350,091	1 339 905,001	24,208	23,744	68	83	47 415	5 387,531	32 279,231	5,991	5,528
19	34	98 342	53 558,661	1 284 554,909	23,984	23,520	69	84	43 463	4 783,111	26 891,700	5,622	5,159
20	35	98 249	51 823,469	1 230 996,248	23,754	23,290	70	85	39 378	4 197,076	22 108,589	5,268	4,804
21	36	98 148	50 140,860	1 179 172,780	23,517	23,054	71	86	35 169	3 630,533	17 911,513	4,934	4,470
22	37	98 047	48 512,558	1 129 031,920	23,273	22,809	72	87	30 950	3 094,355	14 280,980	4,615	4,152
23	38	97 940	46 934,358	1 080 519,362	23,022	22,558	73	88	26 604	2 576,130	11 186,626	4,342	3,879
24	39	97 829	45 405,185	1 033 585,003	22,764	22,300	74	89	22 520	2 112,057	8 610,496	4,077	3,613
25	40	97 704	43 919,722	988 179,818	22,500	22,036	75	90	18 673	1 696,153	6 498,438	3,831	3,368
26	41	97 576	42 481,748	944 260,097	22,227	21,764	76	91	15 274	1 343,732	4 802,285	3,574	3,110
27	42	97 436	41 085,253	901 778,348	21,949	21,485	77	92	12 072	1 028,576	3 458,554	3,362	2,899
28	43	97 282	39 729,210	860 693,095	21,664	21,200	78	93	9 304	767,782	2 429,978	3,165	2,701
29	44	97 119	38 414,218	820 963,885	21,371	20,908	79	94	6 969	556,961	1 662,196	2,984	2,521
30	45	96 947	37 139,072	782 549,667	21,071	20,607	80	95	5 071	392,532	1 105,235	2,816	2,352
31	46	96 751	35 897,532	745 410,595	20,765	20,301	81	96	3 571	267,738	712,703	2,662	2,198
32	47	96 530	34 687,933	709 513,063	20,454	19,991	82	97	2 432	176,567	444,965	2,520	2,056
33	48	96 290	33 512,720	674 825,130	20,136	19,673	83	98	1 598	112,367	268,398	2,389	1,925
34	49	96 042	32 374,168	641 312,410	19,809	19,346	84	99	1 011	68,879	156,031	2,265	1,802
35	50	95 764	31 264,248	608 938,242	19,477	19,014	85	100	614	40,520	87,152	2,151	1,687
36	51	95 457	30 183,249	577 673,994	19,139	18,675							
37	52	95 132	29 133,757	547 490,745	18,792	18,329							
38	53	94 775	28 110,738	518 356,988	18,440	17,976							
39	54	94 385	27 113,929	490 246,250	18,081	17,617							
40	55	93 974	26 146,066	463 132,321	17,713	17,250							
41	56	93 508	25 197,565	436 986,255	17,342	16,879							
42	57	93 015	24 275,745	411 788,690	16,963	16,499							
43	58	92 482	23 376,843	387 512,946	16,577	16,113							
44	59	91 884	22 494,433	364 136,102	16,188	15,724							
45	60	91 250	21 636,131	341 641,669	15,790	15,327							
46	61	90 532	20 790,274	320 005,538	15,392	14,928							
47	62	89 770	19 966,229	299 215,264	14,986	14,522							
48	63	88 930	19 156,970	279 249,035	14,577	14,113							
49	64	88 025	18 365,151	260 092,064	14,162	13,699							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 704 826,372	27,181	26,717	50	66	86 377	17 454,099	234 060,822	13,410	12,946
1	17	99 092	95 973,144	2 605 313,958	27,146	26,683	51	67	85 301	16 694,122	216 606,723	12,975	12,511
2	18	99 040	92 902,802	2 509 340,814	27,010	26,547	52	68	84 126	15 945,880	199 912,600	12,537	12,073
3	19	98 999	89 941,530	2 416 438,012	26,867	26,403	53	69	82 864	15 212,243	183 966,720	12,093	11,630
4	20	98 963	87 078,557	2 326 496,482	26,717	26,254	54	70	81 485	14 488,213	168 754,477	11,648	11,184
5	21	98 928	84 307,642	2 239 417,925	26,562	26,099	55	71	79 996	13 775,663	154 266,264	11,198	10,735
6	22	98 895	81 626,795	2 155 110,283	26,402	25,938	56	72	78 384	13 073,211	140 490,601	10,746	10,283
7	23	98 862	79 030,929	2 073 483,487	26,236	25,773	57	73	76 596	12 372,905	127 417,390	10,298	9,834
8	24	98 830	76 518,462	1 994 452,558	26,065	25,601	58	74	74 669	11 681,918	115 044,485	9,848	9,384
9	25	98 798	74 085,918	1 917 934,097	25,888	25,424	59	75	72 578	10 997,457	103 362,567	9,399	8,935
10	26	98 767	71 731,767	1 843 848,179	25,705	25,241	60	76	70 280	10 314,021	92 365,110	8,955	8,492
11	27	98 732	69 449,096	1 772 116,411	25,517	25,053	61	77	67 772	9 632,926	82 051,089	8,518	8,054
12	28	98 697	67 239,146	1 702 667,316	25,323	24,859	62	78	65 070	8 957,726	72 418,163	8,084	7,621
13	29	98 661	65 098,937	1 635 428,170	25,122	24,659	63	79	62 133	8 284,112	63 460,436	7,660	7,197
14	30	98 625	63 026,812	1 570 329,233	24,915	24,452	64	80	59 014	7 620,652	55 176,324	7,240	6,777
15	31	98 581	61 016,100	1 507 302,422	24,703	24,240	65	81	55 643	6 959,168	47 555,672	6,834	6,370
16	32	98 530	59 064,430	1 446 286,322	24,487	24,023	66	82	52 065	6 306,654	40 596,503	6,437	5,973
17	33	98 466	57 168,489	1 387 221,892	24,265	23,802	67	83	48 285	5 664,749	34 289,850	6,053	5,590
18	34	98 397	55 330,066	1 330 053,403	24,039	23,575	68	84	44 335	5 037,562	28 625,101	5,682	5,219
19	35	98 303	53 536,926	1 274 723,337	23,810	23,347	69	85	40 248	4 429,228	23 587,540	5,325	4,862
20	36	98 207	51 801,384	1 221 186,411	23,574	23,111	70	86	36 019	3 839,085	19 158,311	4,990	4,527
21	37	98 103	50 117,478	1 169 385,027	23,333	22,869	71	87	31 770	3 279,647	15 319,226	4,671	4,207
22	38	97 996	48 487,007	1 119 267,549	23,084	22,620	72	88	27 401	2 739,551	12 039,580	4,395	3,931
23	39	97 883	46 906,687	1 070 780,542	22,828	22,364	73	89	23 266	2 252,924	9 300,028	4,128	3,664
24	40	97 760	45 373,253	1 023 873,855	22,566	22,102	74	90	19 372	1 816,858	7 047,105	3,879	3,415
25	41	97 634	43 888,416	978 500,602	22,295	21,832	75	91	15 906	1 444,789	5 230,247	3,620	3,156
26	42	97 495	42 446,447	934 612,186	22,019	21,555	76	92	12 630	1 111,072	3 785,458	3,407	2,943
27	43	97 343	41 046,389	892 165,739	21,736	21,272	77	93	9 790	834,192	2 674,386	3,206	2,742
28	44	97 179	39 687,274	851 119,350	21,446	20,982	78	94	7 379	608,941	1 840,194	3,022	2,558
29	45	97 009	38 370,778	811 432,076	21,147	20,684	79	95	5 398	431,427	1 231,253	2,854	2,390
30	46	96 816	37 088,839	773 061,298	20,844	20,380	80	96	3 831	296,578	799,826	2,697	2,233
31	47	96 601	35 841,858	735 972,458	20,534	20,070	81	97	2 628	197,058	503,248	2,554	2,090
32	48	96 362	34 627,735	700 130,601	20,219	19,755	82	98	1 741	126,430	306,190	2,422	1,958
33	49	96 112	33 450,622	665 502,866	19,895	19,431	83	99	1 112	78,176	179,761	2,299	1,836
34	50	95 841	32 306,439	632 052,244	19,564	19,101	84	100	683	46,500	101,584	2,185	1,721
35	51	95 540	31 191,201	599 745,805	19,228	18,764							
36	52	95 219	30 108,069	568 554,604	18,884	18,420							
37	53	94 869	29 053,032	538 446,535	18,533	18,070							
38	54	94 487	28 025,305	509 393,503	18,176	17,713							
39	55	94 085	27 027,540	481 368,199	17,810	17,347							
40	56	93 636	26 052,004	454 340,659	17,440	16,976							
41	57	93 154	25 101,993	428 288,655	17,062	16,598							
42	58	92 632	24 175,576	403 186,662	16,677	16,214							
43	59	92 061	23 270,253	379 011,085	16,287	15,824							
44	60	91 444	22 386,947	355 740,832	15,891	15,427							
45	61	90 751	21 517,828	333 353,885	15,492	15,028							
46	62	90 017	20 672,072	311 836,058	15,085	14,621							
47	63	89 206	19 840,945	291 163,986	14,675	14,211							
48	64	88 337	19 029,219	271 323,040	14,258	13,795							
49	65	87 392	18 232,999	252 293,821	13,837	13,374							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 694 166,336	27,078	26,614	50	67	85 667	17 310,631	226 111,881	13,062	12,598
1	18	99 075	95 956,297	2 594 669,919	27,040	26,576	51	68	84 532	16 543,547	208 801,250	12,621	12,158
2	19	99 018	92 882,508	2 498 713,622	26,902	26,438	52	69	83 302	15 789,688	192 257,703	12,176	11,713
3	20	98 978	89 922,188	2 405 831,114	26,755	26,291	53	70	81 955	15 045,401	176 468,015	11,729	11,265
4	21	98 942	87 060,185	2 315 908,926	26,601	26,138	54	71	80 511	14 315,105	161 422,614	11,276	10,813
5	22	98 906	84 289,419	2 228 848,741	26,443	25,979	55	72	78 928	13 591,854	147 107,509	10,823	10,360
6	23	98 872	81 608,038	2 144 559,322	26,279	25,815	56	73	77 171	12 870,901	133 515,656	10,373	9,910
7	24	98 839	79 012,953	2 062 951,284	26,109	25,645	57	74	75 268	12 158,415	120 644,754	9,923	9,459
8	25	98 807	76 501,065	1 983 938,331	25,933	25,470	58	75	73 226	11 456,176	108 486,339	9,470	9,006
9	26	98 776	74 069,408	1 907 437,266	25,752	25,288	59	76	70 961	10 752,421	97 030,163	9,024	8,560
10	27	98 741	71 712,604	1 833 367,858	25,565	25,102	60	77	68 499	10 052,585	86 277,742	8,583	8,119
11	28	98 706	69 431,169	1 761 655,254	25,373	24,909	61	78	65 810	9 354,012	76 225,157	8,149	7,685
12	29	98 671	67 221,681	1 692 224,086	25,174	24,710	62	79	62 906	8 659,809	66 871,145	7,722	7,258
13	30	98 633	65 080,881	1 625 002,404	24,969	24,505	63	80	59 800	7 973,038	58 211,336	7,301	6,837
14	31	98 598	63 009,514	1 559 921,523	24,757	24,293	64	81	56 454	7 290,120	50 238,298	6,891	6,428
15	32	98 549	60 996,207	1 496 912,009	24,541	24,077	65	82	52 889	6 614,719	42 948,178	6,493	6,029
16	33	98 496	59 043,973	1 435 915,802	24,319	23,856	66	83	49 104	5 948,008	36 333,459	6,109	5,645
17	34	98 431	57 147,806	1 376 871,829	24,093	23,630	67	84	45 149	5 296,772	30 385,451	5,737	5,273
18	35	98 357	55 307,612	1 319 724,022	23,862	23,398	68	85	41 055	4 664,854	25 088,679	5,378	4,915
19	36	98 261	53 514,111	1 264 416,410	23,628	23,164	69	86	36 815	4 051,436	20 423,825	5,041	4,578
20	37	98 161	51 777,228	1 210 902,300	23,387	22,923	70	87	32 538	3 468,043	16 372,390	4,721	4,257
21	38	98 051	50 091,082	1 159 125,072	23,140	22,677	71	88	28 127	2 903,597	12 904,347	4,444	3,981
22	39	97 938	48 458,420	1 109 033,990	22,886	22,423	72	89	23 963	2 395,842	10 000,750	4,174	3,711
23	40	97 814	46 873,700	1 060 575,570	22,626	22,163	73	90	20 014	1 938,035	7 604,908	3,924	3,460
24	41	97 690	45 340,911	1 013 701,870	22,357	21,894	74	91	16 502	1 547,606	5 666,873	3,662	3,198
25	42	97 553	43 851,946	968 360,959	22,083	21,619	75	92	13 152	1 194,632	4 119,267	3,448	2,985
26	43	97 403	42 406,295	924 509,013	21,801	21,338	76	93	10 243	901,098	2 924,635	3,246	2,782
27	44	97 241	41 003,062	882 102,718	21,513	21,049	77	94	7 765	661,612	2 023,537	3,058	2,595
28	45	97 069	39 642,395	841 099,656	21,217	20,754	78	95	5 716	471,691	1 361,925	2,887	2,424
29	46	96 878	38 318,879	801 457,262	20,915	20,452	79	96	4 078	325,965	890,234	2,731	2,267
30	47	96 665	37 031,318	763 138,382	20,608	20,144	80	97	2 820	218,284	564,269	2,585	2,121
31	48	96 434	35 779,657	726 107,064	20,294	19,830	81	98	1 882	141,102	345,985	2,452	1,988
32	49	96 183	34 563,571	690 327,407	19,973	19,509	82	99	1 211	87,960	204,882	2,329	1,866
33	50	95 911	33 380,641	655 763,836	19,645	19,181	83	100	750	52,776	116,923	2,215	1,752
34	51	95 617	32 230,956	622 383,195	19,310	18,846							
35	52	95 302	31 113,510	590 152,239	18,968	18,504							
36	53	94 955	30 024,644	559 038,729	18,619	18,156							
37	54	94 581	28 964,734	529 014,085	18,264	17,800							
38	55	94 186	27 936,012	500 049,350	17,900	17,436							
39	56	93 746	26 930,307	472 113,339	17,531	17,067							
40	57	93 281	25 953,192	445 183,032	17,153	16,690							
41	58	92 769	24 998,415	419 229,839	16,770	16,307							
42	59	92 209	24 065,344	394 231,424	16,382	15,918							
43	60	91 621	23 159,060	370 166,080	15,984	15,520							
44	61	90 944	22 264,538	347 007,020	15,586	15,122							
45	62	90 235	21 395,489	324 742,482	15,178	14,714							
46	63	89 453	20 542,359	303 346,994	14,767	14,303							
47	64	88 611	19 708,633	282 804,635	14,349	13,886							
48	65	87 702	18 892,289	263 096,001	13,926	13,462							
49	66	86 715	18 091,831	244 203,713	13,498	13,034							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 683 003,614	26,971	26,507	50	68	84 895	17 154,495	217 884,370	12,701	12,238
1	19	99 053	95 935,336	2 583 524,662	26,930	26,466	51	69	83 704	16 381,501	200 729,875	12,253	11,790
2	20	98 997	92 862,533	2 487 589,326	26,788	26,324	52	70	82 389	15 616,512	184 348,374	11,805	11,341
3	21	98 957	89 903,215	2 394 726,793	26,637	26,173	53	71	80 976	14 865,635	168 731,862	11,350	10,887
4	22	98 920	87 041,367	2 304 823,577	26,480	26,016	54	72	79 437	14 124,098	153 866,227	10,894	10,430
5	23	98 883	84 270,050	2 217 782,210	26,318	25,854	55	73	77 707	13 381,518	139 742,129	10,443	9,979
6	24	98 850	81 589,476	2 133 512,160	26,149	25,686	56	74	75 833	12 647,779	126 360,610	9,991	9,527
7	25	98 817	78 994,989	2 051 922,685	25,975	25,512	57	75	73 814	11 923,465	113 712,832	9,537	9,073
8	26	98 785	76 484,017	1 972 927,695	25,795	25,332	58	76	71 594	11 200,919	101 789,366	9,088	8,624
9	27	98 749	74 049,620	1 896 443,678	25,610	25,147	59	77	69 162	10 479,872	90 588,447	8,644	8,180
10	28	98 715	71 694,092	1 822 394,058	25,419	24,955	60	78	66 515	9 761,520	80 108,575	8,207	7,743
11	29	98 681	69 413,135	1 750 699,966	25,221	24,758	61	79	63 621	9 042,915	70 347,056	7,779	7,316
12	30	98 644	67 203,037	1 681 286,831	25,018	24,554	62	80	60 544	8 334,628	61 304,141	7,355	6,892
13	31	98 606	65 063,020	1 614 083,794	24,808	24,344	63	81	57 206	7 627,222	52 969,513	6,945	6,481
14	32	98 566	62 988,972	1 549 020,774	24,592	24,128	64	82	53 660	6 929,290	45 342,290	6,544	6,080
15	33	98 515	60 975,081	1 486 031,802	24,371	23,908	65	83	49 881	6 238,554	38 413,001	6,157	5,694
16	34	98 460	59 022,612	1 425 056,721	24,144	23,681	66	84	45 914	5 561,631	32 174,446	5,785	5,321
17	35	98 391	57 124,614	1 366 034,109	23,913	23,450	67	85	41 808	4 904,886	26 612,815	5,426	4,962
18	36	98 315	55 284,042	1 308 909,495	23,676	23,212	68	86	37 553	4 266,963	21 707,930	5,087	4,624
19	37	98 215	53 489,156	1 253 625,453	23,437	22,973	69	87	33 257	3 659,870	17 440,967	4,765	4,302
20	38	98 110	51 749,957	1 200 136,296	23,191	22,727	70	88	28 807	3 070,392	13 781,097	4,488	4,025
21	39	97 993	50 061,549	1 148 386,339	22,939	22,476	71	89	24 599	2 539,306	10 710,705	4,218	3,754
22	40	97 869	48 424,341	1 098 324,790	22,681	22,218	72	90	20 614	2 060,978	8 171,399	3,965	3,501
23	41	97 744	46 840,288	1 049 900,449	22,414	21,951	73	91	17 048	1 650,825	6 110,421	3,701	3,238
24	42	97 609	45 303,234	1 003 060,160	22,141	21,677	74	92	13 644	1 279,647	4 459,596	3,485	3,021
25	43	97 461	43 810,464	957 756,926	21,861	21,398	75	93	10 666	968,867	3 179,949	3,282	2,819
26	44	97 300	42 361,533	913 946,462	21,575	21,111	76	94	8 124	714,676	2 211,083	3,094	2,630
27	45	97 131	40 956,695	871 584,929	21,281	20,817	77	95	6 015	512,490	1 496,407	2,920	2,456
28	46	96 938	39 588,776	830 628,234	20,981	20,518	78	96	4 319	356,387	983,916	2,761	2,297
29	47	96 728	38 259,450	791 039,459	20,676	20,212	79	97	3 002	239,914	627,530	2,616	2,152
30	48	96 498	36 967,053	752 780,009	20,364	19,900	80	98	2 019	156,301	387,616	2,480	2,016
31	49	96 255	35 713,359	715 812,955	20,043	19,580	81	99	1 309	98,168	231,315	2,356	1,893
32	50	95 982	34 491,261	680 099,597	19,718	19,254	82	100	818	59,381	133,147	2,242	1,779
33	51	95 687	33 302,648	645 608,335	19,386	18,922							
34	52	95 379	32 150,676	612 305,687	19,045	18,581							
35	53	95 038	31 027,300	580 155,011	18,698	18,235							
36	54	94 667	29 933,394	549 127,711	18,345	17,881							
37	55	94 279	28 872,448	519 194,318	17,982	17,519							
38	56	93 847	27 835,511	490 321,869	17,615	17,151							
39	57	93 391	26 828,163	462 486,358	17,239	16,775							
40	58	92 896	25 846,102	435 658,195	16,856	16,392							
41	59	92 346	24 884,431	409 812,093	16,469	16,005							
42	60	91 769	23 950,352	384 927,661	16,072	15,608							
43	61	91 120	23 032,429	360 977,310	15,673	15,209							
44	62	90 427	22 137,953	337 944,881	15,265	14,802							
45	63	89 669	21 261,237	315 806,928	14,854	14,390							
46	64	88 856	20 405,370	294 545,691	14,435	13,971							
47	65	87 974	19 566,814	274 140,321	14,010	13,547							
48	66	87 023	18 746,016	254 573,508	13,580	13,117							
49	67	86 002	17 943,121	235 827,491	13,143	12,679							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 671 329,144	26,859	26,395	50	69	84 063	16 986,465	209 388,428	12,327	11,863
1	20	99 032	95 914,705	2 571 871,923	26,814	26,351	51	70	82 786	16 201,834	192 401,963	11,875	11,412
2	21	98 976	92 842,941	2 475 957,217	26,668	26,205	52	71	81 404	15 429,923	176 200,129	11,419	10,956
3	22	98 935	89 883,783	2 383 114,277	26,513	26,050	53	72	79 896	14 667,283	160 770,206	10,961	10,498
4	23	98 898	87 021,365	2 293 230,494	26,352	25,889	54	73	78 208	13 905,526	146 102,923	10,507	10,043
5	24	98 861	84 250,882	2 206 209,128	26,186	25,723	55	74	76 360	13 149,544	132 197,397	10,053	9,590
6	25	98 827	81 570,926	2 121 958,246	26,014	25,550	56	75	74 367	12 403,372	119 047,853	9,598	9,134
7	26	98 795	78 977,386	2 040 387,320	25,835	25,371	57	76	72 169	11 657,797	106 644,481	9,148	8,684
8	27	98 759	76 463,584	1 961 409,934	25,652	25,188	58	77	69 779	10 917,002	94 986,684	8,701	8,237
9	28	98 724	74 030,505	1 884 946,351	25,462	24,998	59	78	67 160	10 176,435	84 069,683	8,261	7,798
10	29	98 690	71 675,471	1 810 915,845	25,265	24,802	60	79	64 303	9 436,870	73 893,248	7,830	7,367
11	30	98 653	69 393,883	1 739 240,374	25,063	24,600	61	80	61 232	8 703,348	64 456,378	7,406	6,942
12	31	98 617	67 184,593	1 669 846,492	24,855	24,391	62	81	57 918	7 973,129	55 753,030	6,993	6,529
13	32	98 574	65 041,808	1 602 661,898	24,640	24,177	63	82	54 374	7 249,707	47 779,901	6,591	6,127
14	33	98 531	62 967,156	1 537 620,090	24,419	23,956	64	83	50 609	6 535,236	40 530,194	6,202	5,738
15	34	98 480	60 953,021	1 474 652,934	24,193	23,730	65	84	46 641	5 833,304	33 994,958	5,828	5,364
16	35	98 420	58 998,659	1 413 699,913	23,962	23,498	66	85	42 517	5 150,149	28 161,655	5,468	5,004
17	36	98 349	57 100,270	1 354 701,254	23,725	23,261	67	86	38 242	4 486,521	23 011,505	5,129	4,665
18	37	98 269	55 258,263	1 297 600,984	23,482	23,019	68	87	33 923	3 854,567	18 524,984	4,806	4,342
19	38	98 163	53 460,984	1 242 342,721	23,238	22,775	69	88	29 443	3 240,224	14 670,417	4,528	4,064
20	39	98 052	51 719,447	1 188 881,738	22,987	22,524	70	89	25 193	2 685,174	11 430,193	4,257	3,793
21	40	97 924	50 026,343	1 137 162,291	22,731	22,268	71	90	21 160	2 184,390	8 745,019	4,003	3,540
22	41	97 799	48 389,825	1 087 135,948	22,466	22,003	72	91	17 559	1 755,548	6 560,629	3,737	3,273
23	42	97 663	46 801,365	1 038 746,123	22,195	21,731	73	92	14 096	1 364,994	4 805,081	3,520	3,057
24	43	97 517	45 260,380	991 944,758	21,916	21,453	74	93	11 066	1 037,815	3 440,087	3,315	2,851
25	44	97 358	43 764,220	946 684,379	21,631	21,168	75	94	8 460	768,425	2 402,272	3,126	2,663
26	45	97 190	42 313,629	902 920,159	21,339	20,875	76	95	6 293	553,594	1 633,847	2,951	2,488
27	46	96 999	40 901,299	860 606,529	21,041	20,577	77	96	4 544	387,213	1 080,253	2,790	2,326
28	47	96 788	39 527,377	819 705,231	20,738	20,274	78	97	3 179	262,304	693,040	2,642	2,179
29	48	96 560	38 193,054	780 177,854	20,427	19,964	79	98	2 149	171,789	430,736	2,507	2,044
30	49	96 319	36 898,555	741 984,800	20,109	19,645	80	99	1 405	108,742	258,947	2,381	1,918
31	50	96 053	35 638,644	705 086,245	19,784	19,321	81	100	884	66,272	150,205	2,266	1,803
32	51	95 758	34 410,674	669 447,601	19,455	18,991							
33	52	95 448	33 219,699	635 036,928	19,116	18,653							
34	53	95 115	32 061,592	601 817,229	18,771	18,307							
35	54	94 749	30 933,002	569 755,637	18,419	17,955							
36	55	94 365	29 838,021	538 822,635	18,058	17,595							
37	56	93 940	28 768,579	508 984,614	17,692	17,229							
38	57	93 491	27 729,934	480 216,035	17,318	16,854							
39	58	93 005	26 717,463	452 486,101	16,936	16,472							
40	59	92 473	25 728,253	425 768,638	16,549	16,085							
41	60	91 905	24 765,525	400 040,385	16,153	15,689							
42	61	91 267	23 819,394	375 274,861	15,755	15,291							
43	62	90 602	22 901,479	351 455,467	15,346	14,883							
44	63	89 860	21 999,043	328 553,988	14,935	14,471							
45	64	89 071	21 119,453	306 554,945	14,515	14,052							
46	65	88 217	20 258,536	285 435,492	14,090	13,626							
47	66	87 293	19 415,319	265 176,956	13,658	13,195							
48	67	86 307	18 591,929	245 761,637	13,219	12,755							
49	68	85 227	17 781,281	227 169,708	12,776	12,312							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 659 136,510	26,742	26,279	50	70	83 141	16 800,163	200 633,786	11,942	11,479
1	21	99 011	95 894,468	2 559 700,677	26,693	26,229	51	71	81 797	16 008,251	183 833,623	11,484	11,020
2	22	98 954	92 822,873	2 463 806,209	26,543	26,079	52	72	80 318	15 224,041	167 825,372	11,024	10,560
3	23	98 913	89 863,128	2 370 983,337	26,384	25,921	53	73	78 659	14 440,305	152 601,330	10,568	10,104
4	24	98 875	87 001,572	2 281 120,208	26,219	25,756	54	74	76 852	13 664,468	138 161,025	10,111	9,647
5	25	98 838	84 231,727	2 194 118,636	26,049	25,585	55	75	74 884	12 895,441	124 496,558	9,654	9,191
6	26	98 805	81 552,749	2 109 886,909	25,871	25,408	56	76	72 711	12 127,011	111 601,116	9,203	8,739
7	27	98 768	78 956,286	2 028 334,161	25,689	25,226	57	77	70 340	11 362,298	99 474,106	8,755	8,291
8	28	98 733	76 443,846	1 949 377,874	25,501	25,037	58	78	67 759	10 600,908	88 111,807	8,312	7,848
9	29	98 698	74 011,277	1 872 934,028	25,306	24,842	59	79	64 926	9 837,986	77 510,899	7,879	7,415
10	30	98 662	71 655,591	1 798 922,751	25,105	24,642	60	80	61 888	9 082,509	67 672,914	7,451	6,987
11	31	98 626	69 374,838	1 727 267,160	24,898	24,434	61	81	58 576	8 325,856	58 590,404	7,037	6,574
12	32	98 585	67 162,690	1 657 892,322	24,685	24,221	62	82	55 051	7 578,492	50 264,548	6,633	6,169
13	33	98 540	65 019,281	1 590 729,632	24,466	24,002	63	83	51 282	6 837,432	42 686,056	6,243	5,779
14	34	98 496	62 944,375	1 525 710,351	24,239	23,775	64	84	47 321	6 110,713	35 848,624	5,867	5,403
15	35	98 440	60 928,285	1 462 765,976	24,008	23,544	65	85	43 190	5 401,722	29 737,911	5,505	5,042
16	36	98 378	58 973,516	1 401 837,691	23,771	23,307	66	86	38 891	4 710,865	24 336,189	5,166	4,702
17	37	98 303	57 073,644	1 342 864,175	23,529	23,065	67	87	34 546	4 052,906	19 625,324	4,842	4,379
18	38	98 218	55 229,158	1 285 790,531	23,281	22,817	68	88	30 034	3 412,596	15 572,418	4,563	4,100
19	39	98 105	53 429,465	1 230 561,373	23,032	22,568	69	89	25 749	2 833,699	12 159,822	4,291	3,828
20	40	97 983	51 683,075	1 177 131,908	22,776	22,312	70	90	21 672	2 309,871	9 326,123	4,038	3,574
21	41	97 854	49 990,685	1 125 448,834	22,513	22,050	71	91	18 025	1 860,671	7 016,252	3,771	3,307
22	42	97 718	48 349,614	1 075 458,149	22,243	21,780	72	92	14 519	1 451,585	5 155,581	3,552	3,088
23	43	97 571	46 757,094	1 027 108,536	21,967	21,503	73	93	11 432	1 107,033	3 703,996	3,346	2,882
24	44	97 414	45 212,605	980 351,442	21,683	21,220	74	94	8 777	823,109	2 596,963	3,155	2,691
25	45	97 248	43 714,731	935 138,837	21,392	20,928	75	95	6 553	595,228	1 773,854	2,980	2,517
26	46	97 059	42 256,398	891 424,106	21,096	20,632	76	96	4 754	418,269	1 178,626	2,818	2,354
27	47	96 849	40 837,864	849 167,709	20,794	20,330	77	97	3 345	284,992	760,357	2,668	2,204
28	48	96 620	39 458,780	808 329,845	20,485	20,022	78	98	2 276	187,821	475,365	2,531	2,067
29	49	96 381	38 122,284	768 871,064	20,169	19,705	79	99	1 495	119,517	287,544	2,406	1,942
30	50	96 117	36 821,360	730 748,781	19,846	19,382	80	100	948	73,411	168,027	2,289	1,825
31	51	95 829	35 555,376	693 927,421	19,517	19,053							
32	52	95 519	34 324,964	658 372,045	19,181	18,717							
33	53	95 184	33 127,652	624 047,081	18,838	18,374							
34	54	94 826	31 964,150	590 919,429	18,487	18,023							
35	55	94 447	30 834,445	558 955,278	18,128	17,664							
36	56	94 026	29 730,678	528 120,833	17,763	17,300							
37	57	93 584	28 659,463	498 390,155	17,390	16,926							
38	58	93 106	27 615,512	469 730,693	17,010	16,546							
39	59	92 581	26 595,641	442 115,180	16,624	16,160							
40	60	92 031	25 605,314	415 519,539	16,228	15,764							
41	61	91 403	24 630,110	389 914,225	15,831	15,367							
42	62	90 748	23 683,970	365 284,115	15,423	14,960							
43	63	90 033	22 757,777	341 600,146	15,010	14,547							
44	64	89 261	21 852,339	318 842,369	14,591	14,127							
45	65	88 430	20 967,482	296 990,030	14,164	13,701							
46	66	87 534	20 101,686	276 022,548	13,731	13,268							
47	67	86 575	19 255,730	255 920,862	13,291	12,827							
48	68	85 529	18 424,236	236 665,132	12,845	12,382							
49	69	84 392	17 607,110	218 240,896	12,395	11,931							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 646 414,323	26,620	26,156	50	71	82 148	16 599,431	191 637,118	11,545	11,081
1	22	98 990	95 873,741	2 546 999,470	26,566	26,103	51	72	80 706	15 794,653	175 037,687	11,082	10,618
2	23	98 932	92 801,543	2 451 125,729	26,413	25,949	52	73	79 075	14 988,447	159 243,033	10,624	10,161
3	24	98 890	89 842,688	2 358 324,187	26,249	25,786	53	74	77 296	14 189,976	144 254,586	10,166	9,702
4	25	98 853	86 981,792	2 268 481,498	26,080	25,616	54	75	75 367	13 400,415	130 064,610	9,706	9,242
5	26	98 816	84 212,957	2 181 499,706	25,905	25,441	55	76	73 216	12 608,116	116 664,195	9,253	8,789
6	27	98 779	81 530,961	2 097 286,750	25,724	25,260	56	77	70 867	11 819,619	104 056,080	8,804	8,340
7	28	98 743	78 935,905	2 015 755,789	25,537	25,073	57	78	68 303	11 033,311	92 236,460	8,360	7,896
8	29	98 708	76 423,991	1 936 819,883	25,343	24,879	58	79	65 505	10 248,342	81 203,149	7,924	7,460
9	30	98 671	73 990,749	1 860 395,892	25,144	24,680	59	80	62 488	9 468,563	70 954,808	7,494	7,030
10	31	98 635	71 635,926	1 786 405,143	24,937	24,474	60	81	59 204	8 688,572	61 486,244	7,077	6,613
11	32	98 594	69 352,220	1 714 769,217	24,726	24,262	61	82	55 677	7 913,761	52 797,672	6,672	6,208
12	33	98 550	67 139,428	1 645 416,997	24,507	24,044	62	83	51 921	7 147,520	44 883,911	6,280	5,816
13	34	98 504	64 995,758	1 578 277,569	24,283	23,819	63	84	47 951	6 393,278	37 736,391	5,903	5,439
14	35	98 456	62 918,831	1 513 281,811	24,051	23,588	64	85	43 820	5 658,607	31 343,112	5,539	5,075
15	36	98 398	60 902,320	1 450 362,980	23,815	23,351	65	86	39 506	4 940,980	25 684,505	5,198	4,735
16	37	98 332	58 946,016	1 389 460,660	23,572	23,108	66	87	35 132	4 255,567	20 743,525	4,874	4,411
17	38	98 251	57 043,583	1 330 514,644	23,325	22,861	67	88	30 585	3 588,193	16 487,959	4,595	4,131
18	39	98 160	55 196,597	1 273 471,061	23,072	22,608	68	89	26 266	2 984,445	12 899,766	4,322	3,859
19	40	98 036	53 391,890	1 218 274,464	22,818	22,354	69	90	22 150	2 437,636	9 915,321	4,068	3,604
20	41	97 913	51 646,235	1 164 882,575	22,555	22,091	70	91	18 460	1 967,556	7 477,684	3,800	3,337
21	42	97 773	49 949,143	1 113 236,340	22,287	21,824	71	92	14 904	1 538,507	5 510,129	3,581	3,118
22	43	97 626	48 303,877	1 063 287,196	22,012	21,549	72	93	11 775	1 177,260	3 971,622	3,374	2,910
23	44	97 468	46 707,739	1 014 983,319	21,731	21,267	73	94	9 067	878,007	2 794,362	3,183	2,719
24	45	97 304	45 161,478	968 275,579	21,440	20,977	74	95	6 798	637,587	1 916,355	3,006	2,542
25	46	97 116	43 655,604	923 114,102	21,145	20,682	75	96	4 951	449,726	1 278,769	2,843	2,380
26	47	96 908	42 190,861	879 458,498	20,845	20,381	76	97	3 499	307,850	829,043	2,693	2,229
27	48	96 681	40 766,993	837 267,637	20,538	20,074	77	98	2 395	204,067	521,193	2,554	2,090
28	49	96 441	39 385,665	796 500,643	20,223	19,759	78	99	1 583	130,671	317,126	2,427	1,963
29	50	96 179	38 042,529	757 114,979	19,902	19,438	79	100	1 010	80,685	186,455	2,311	1,847
30	51	95 893	36 735,328	719 072,450	19,574	19,111							
31	52	95 590	35 466,815	682 337,121	19,239	18,775							
32	53	95 255	34 229,855	646 870,306	18,898	18,434							
33	54	94 894	33 026,971	612 640,451	18,550	18,086							
34	55	94 523	31 862,308	579 613,480	18,191	17,728							
35	56	94 107	30 723,517	547 751,172	17,828	17,365							
36	57	93 669	29 617,913	517 027,655	17,457	16,993							
37	58	93 198	28 541,206	487 409,742	17,077	16,614							
38	59	92 681	27 489,596	458 868,537	16,692	16,229							
39	60	92 139	26 468,557	431 378,941	16,298	15,834							
40	61	91 527	25 465,307	404 910,384	15,900	15,437							
41	62	90 883	24 490,076	379 445,076	15,494	15,030							
42	63	90 179	23 535,358	354 955,000	15,082	14,618							
43	64	89 433	22 606,014	331 419,642	14,661	14,197							
44	65	88 618	21 695,094	308 813,628	14,234	13,771							
45	66	87 745	20 805,142	287 118,535	13,800	13,337							
46	67	86 814	19 936,455	266 313,392	13,358	12,894							
47	68	85 794	19 082,050	246 376,938	12,911	12,448							
48	69	84 691	18 243,768	227 294,887	12,459	11,995							
49	70	83 466	17 414,002	209 051,119	12,005	11,541							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 633 150,681	26,492	26,029	50	72	81 052	16 377,945	182 411,637	11,138	10,674
1	23	98 967	95 851,710	2 533 757,317	26,434	25,971	51	73	79 457	15 550,229	166 033,692	10,677	10,214
2	24	98 909	92 780,434	2 437 905,607	26,276	25,812	52	74	77 704	14 728,616	150 483,463	10,217	9,753
3	25	98 868	89 822,262	2 345 125,173	26,109	25,645	53	75	75 802	13 915,768	135 754,847	9,755	9,292
4	26	98 831	86 962,409	2 255 302,910	25,934	25,471	54	76	73 688	13 101,838	121 839,079	9,299	8,836
5	27	98 790	84 190,459	2 168 340,502	25,755	25,292	55	77	71 360	12 288,529	108 737,241	8,849	8,385
6	28	98 753	81 509,915	2 084 150,043	25,569	25,106	56	78	68 816	11 477,391	96 448,712	8,403	7,940
7	29	98 717	78 915,403	2 002 640,128	25,377	24,913	57	79	66 031	10 666,364	84 971,321	7,966	7,503
8	30	98 680	76 402,794	1 923 724,725	25,179	24,715	58	80	63 046	9 863,510	74 304,957	7,533	7,070
9	31	98 644	73 970,443	1 847 321,931	24,974	24,510	59	81	59 778	9 057,881	64 441,447	7,114	6,651
10	32	98 603	71 612,571	1 773 351,487	24,763	24,300	60	82	56 274	8 258,524	55 383,566	6,706	6,243
11	33	98 560	69 328,201	1 701 738,917	24,546	24,083	61	83	52 511	7 463,723	47 125,041	6,314	5,850
12	34	98 515	67 115,138	1 632 410,716	24,323	23,859	62	84	48 548	6 683,224	39 661,319	5,934	5,471
13	35	98 464	64 969,381	1 565 295,579	24,093	23,629	63	85	44 403	5 920,267	32 978,095	5,570	5,107
14	36	98 414	62 892,018	1 500 326,198	23,856	23,392	64	86	40 082	5 175,954	27 057,828	5,228	4,764
15	37	98 352	60 873,920	1 437 434,180	23,613	23,150	65	87	35 688	4 463,441	21 881,874	4,902	4,439
16	38	98 280	58 914,969	1 376 560,260	23,365	22,902	66	88	31 104	3 767,617	17 418,433	4,623	4,160
17	39	98 193	57 009,952	1 317 645,290	23,113	22,649	67	89	26 748	3 138,011	13 650,816	4,350	3,887
18	40	98 091	55 157,779	1 260 635,339	22,855	22,391	68	90	22 595	2 567,313	10 512,805	4,095	3,631
19	41	97 966	53 353,832	1 205 477,560	22,594	22,130	69	91	18 868	2 076,387	7 945,492	3,827	3,363
20	42	97 832	51 603,318	1 152 123,727	22,327	21,863	70	92	15 264	1 626,885	5 869,105	3,608	3,144
21	43	97 681	49 901,894	1 100 520,409	22,054	21,590	71	93	12 087	1 247,755	4 242,221	3,400	2,936
22	44	97 522	48 252,890	1 050 618,515	21,773	21,310	72	94	9 339	933,705	2 994,466	3,207	2,743
23	45	97 357	46 654,921	1 002 365,624	21,485	21,021	73	95	7 024	680,111	2 060,761	3,030	2,566
24	46	97 172	45 100,394	955 710,703	21,191	20,727	74	96	5 137	481,730	1 380,650	2,866	2,402
25	47	96 966	43 587,897	910 610,310	20,891	20,428	75	97	3 644	331,002	898,920	2,716	2,252
26	48	96 740	42 117,643	867 022,412	20,586	20,122	76	98	2 506	220,434	567,918	2,576	2,113
27	49	96 502	40 691,454	824 904,769	20,272	19,809	77	99	1 666	141,974	347,483	2,448	1,984
28	50	96 239	39 303,267	784 213,316	19,953	19,489	78	100	1 069	88,215	205,510	2,330	1,866
29	51	95 954	37 953,644	744 910,049	19,627	19,163							
30	52	95 654	36 643,829	706 956,404	19,293	18,829							
31	53	95 325	35 368,542	670 312,576	18,952	18,489							
32	54	94 965	34 125,825	634 944,034	18,606	18,142							
33	55	94 592	32 921,742	600 818,209	18,250	17,786							
34	56	94 183	31 747,682	567 896,467	17,888	17,424							
35	57	93 750	30 606,986	536 148,785	17,517	17,054							
36	58	93 283	29 495,701	505 541,799	17,140	16,676							
37	59	92 773	28 411,068	476 046,098	16,756	16,292							
38	60	92 238	27 358,241	447 635,030	16,362	15,898							
39	61	91 635	26 323,831	420 276,790	15,966	15,502							
40	62	91 007	25 320,525	393 952,959	15,559	15,095							
41	63	90 313	24 336,406	368 632,434	15,147	14,684							
42	64	89 577	23 378,409	344 296,027	14,727	14,263							
43	65	88 789	22 443,345	320 917,618	14,299	13,835							
44	66	87 932	21 527,121	298 474,273	13,865	13,401							
45	67	87 024	20 634,129	276 947,152	13,422	12,958							
46	68	86 031	19 756,635	256 313,023	12,974	12,510							
47	69	84 954	18 895,139	236 556,388	12,519	12,056							
48	70	83 762	18 043,677	217 661,249	12,063	11,599							
49	71	82 469	17 205,935	199 617,572	11,602	11,138							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 619 334,139	26,359	25,896	50	73	79 797	16 124,494	172 977,468	10,728	10,264
1	24	98 944	95 829,908	2 519 963,615	26,296	25,833	51	74	78 079	15 280,659	156 852,974	10,265	9,801
2	25	98 887	92 759,340	2 424 133,707	26,134	25,670	52	75	76 203	14 444,000	141 572,315	9,801	9,338
3	26	98 846	89 802,246	2 331 374,367	25,961	25,498	53	76	74 113	13 605,708	127 128,316	9,344	8,880
4	27	98 804	86 939,176	2 241 572,120	25,783	25,320	54	77	71 820	12 769,737	113 522,607	8,890	8,426
5	28	98 765	84 168,726	2 154 632,945	25,599	25,135	55	78	69 294	11 932,724	100 752,871	8,443	7,980
6	29	98 727	81 488,744	2 070 464,218	25,408	24,944	56	79	66 527	11 095,674	88 820,147	8,005	7,541
7	30	98 690	78 893,515	1 988 975,474	25,211	24,747	57	80	63 552	10 265,835	77 724,472	7,571	7,108
8	31	98 653	76 381,826	1 910 081,959	25,007	24,543	58	81	60 311	9 435,698	67 458,637	7,149	6,686
9	32	98 611	73 946,327	1 833 700,133	24,798	24,334	59	82	56 819	8 609,555	58 022,939	6,739	6,276
10	33	98 569	71 587,768	1 759 753,806	24,582	24,118	60	83	53 074	7 788,880	49 413,384	6,344	5,880
11	34	98 524	69 303,118	1 688 166,038	24,359	23,896	61	84	49 100	6 978,886	41 624,504	5,964	5,501
12	35	98 475	67 087,901	1 618 862,920	24,130	23,667	62	85	44 956	6 188,760	34 645,618	5,598	5,135
13	36	98 423	64 941,694	1 551 775,019	23,895	23,431	63	86	40 616	5 415,295	28 456,858	5,255	4,791
14	37	98 368	62 862,690	1 486 833,325	23,652	23,188	64	87	36 209	4 675,705	23 041,563	4,928	4,464
15	38	98 300	60 841,858	1 423 970,635	23,404	22,941	65	88	31 596	3 951,656	18 365,858	4,648	4,184
16	39	98 222	58 880,235	1 363 128,776	23,151	22,687	66	89	27 201	3 294,924	14 414,202	4,375	3,911
17	40	98 124	56 969,859	1 304 248,542	22,894	22,430	67	90	23 009	2 699,415	11 119,278	4,119	3,656
18	41	98 021	55 118,463	1 247 278,683	22,629	22,165	68	91	19 246	2 186,846	8 419,863	3,850	3,387
19	42	97 885	53 309,496	1 192 160,220	22,363	21,899	69	92	15 601	1 716,872	6 233,017	3,630	3,167
20	43	97 739	51 554,504	1 138 850,723	22,090	21,627	70	93	12 379	1 319,431	4 516,144	3,423	2,959
21	44	97 577	49 849,220	1 087 296,219	21,812	21,348	71	94	9 587	989,616	3 196,713	3,230	2,767
22	45	97 412	48 198,325	1 037 446,999	21,525	21,061	72	95	7 234	723,255	2 207,098	3,052	2,588
23	46	97 226	46 591,817	989 248,674	21,232	20,769	73	96	5 307	513,859	1 483,843	2,888	2,424
24	47	97 021	45 030,447	942 656,857	20,934	20,470	74	97	3 781	354,558	969,983	2,736	2,272
25	48	96 797	43 512,254	897 626,410	20,629	20,166	75	98	2 609	237,013	615,426	2,597	2,133
26	49	96 561	42 039,600	854 114,155	20,317	19,853	76	99	1 743	153,361	378,413	2,467	2,004
27	50	96 300	40 606,324	812 074,555	19,999	19,535	77	100	1 125	95,846	225,053	2,348	1,884
28	51	96 014	39 211,437	771 468,231	19,675	19,211							
29	52	95 715	37 859,110	732 256,794	19,342	18,878							
30	53	95 389	36 542,294	694 397,685	19,003	18,539							
31	54	95 036	35 261,050	657 855,390	18,657	18,193							
32	55	94 663	34 017,094	622 594,340	18,302	17,839							
33	56	94 252	32 803,305	588 577,245	17,943	17,479							
34	57	93 826	31 627,267	555 773,940	17,573	17,109							
35	58	93 363	30 480,693	524 146,674	17,196	16,732							
36	59	92 857	29 361,211	493 665,981	16,814	16,350							
37	60	92 329	28 275,310	464 304,770	16,421	15,957							
38	61	91 734	27 208,649	436 029,460	16,025	15,562							
39	62	91 114	26 174,167	408 820,811	15,619	15,156							
40	63	90 436	25 161,645	382 646,643	15,208	14,744							
41	64	89 710	24 174,116	357 484,999	14,788	14,324							
42	65	88 933	23 210,183	333 310,883	14,361	13,897							
43	66	88 102	22 269,579	310 100,700	13,925	13,461							
44	67	87 210	21 350,173	287 831,122	13,481	13,018							
45	68	86 239	20 448,017	266 480,948	13,032	12,568							
46	69	85 188	19 563,116	246 032,932	12,576	12,113							
47	70	84 022	18 687,903	226 469,815	12,119	11,655							
48	71	82 761	17 828,087	207 781,912	11,655	11,191							
49	72	81 369	16 976,357	189 953,825	11,189	10,726							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 604 953,647	26,221	25,757	50	74	78 414	15 844,969	163 366,953	10,310	9,847
1	25	98 922	95 808,120	2 505 605,725	26,152	25,689	51	75	76 570	14 985,375	147 521,984	9,844	9,381
2	26	98 865	92 738,670	2 409 797,604	25,985	25,521	52	76	74 505	14 122,170	132 536,610	9,385	8,921
3	27	98 819	89 778,255	2 317 058,935	25,809	25,345	53	77	72 234	13 260,835	118 414,439	8,930	8,466
4	28	98 779	86 916,734	2 227 280,680	25,625	25,162	54	78	69 740	12 399,998	105 153,604	8,480	8,017
5	29	98 739	84 146,865	2 140 363,946	25,436	24,972	55	79	66 989	11 535,864	92 753,606	8,040	7,577
6	30	98 700	81 466,143	2 056 217,081	25,240	24,777	56	80	64 029	10 679,025	81 217,742	7,605	7,142
7	31	98 663	78 871,863	1 974 750,938	25,037	24,574	57	81	60 795	9 820,573	70 538,717	7,183	6,719
8	32	98 621	76 356,924	1 895 879,075	24,829	24,366	58	82	57 326	8 968,671	60 718,144	6,770	6,306
9	33	98 577	73 920,716	1 819 522,151	24,615	24,151	59	83	53 588	8 119,948	51 749,473	6,373	5,910
10	34	98 533	71 561,868	1 745 601,435	24,393	23,929	60	84	49 626	7 282,922	43 629,525	5,991	5,527
11	35	98 484	69 274,993	1 674 039,567	24,165	23,702	61	85	45 467	6 462,548	36 346,603	5,624	5,161
12	36	98 433	67 059,311	1 604 764,574	23,931	23,467	62	86	41 121	5 660,887	29 884,056	5,279	4,815
13	37	98 377	64 911,410	1 537 705,262	23,689	23,226	63	87	36 690	4 891,914	24 223,169	4,952	4,488
14	38	98 316	62 829,580	1 472 793,852	23,441	22,977	64	88	32 057	4 139,582	19 331,254	4,670	4,206
15	39	98 242	60 805,988	1 409 964,272	23,188	22,724	65	89	27 632	3 455,873	15 191,672	4,396	3,932
16	40	98 153	58 838,827	1 349 158,284	22,930	22,466	66	90	23 399	2 834,396	11 735,799	4,140	3,677
17	41	98 054	56 929,251	1 290 319,457	22,665	22,202	67	91	19 599	2 299,371	8 901,403	3,871	3,408
18	42	97 939	55 072,661	1 233 390,206	22,396	21,932	68	92	15 914	1 808,206	6 602,032	3,651	3,188
19	43	97 792	53 259,068	1 178 317,545	22,124	21,661	69	93	12 653	1 392,412	4 793,825	3,443	2,979
20	44	97 636	51 500,086	1 125 058,477	21,846	21,382	70	94	9 818	1 046,463	3 401,413	3,250	2,787
21	45	97 467	49 792,850	1 073 558,391	21,560	21,097	71	95	7 426	766,564	2 354,950	3,072	2,608
22	46	97 280	48 133,134	1 023 765,541	21,269	20,806	72	96	5 466	546,457	1 588,386	2,907	2,443
23	47	97 075	46 519,557	975 632,408	20,973	20,509	73	97	3 906	378,205	1 041,929	2,755	2,291
24	48	96 853	44 952,300	929 112,850	20,669	20,205	74	98	2 707	253,879	663,723	2,614	2,151
25	49	96 618	43 431,628	884 160,550	20,358	19,894	75	99	1 815	164,894	409,844	2,485	2,022
26	50	96 359	41 951,650	840 728,922	20,040	19,577	76	100	1 177	103,533	244,950	2,366	1,902
27	51	96 075	40 511,449	798 777,272	19,717	19,254							
28	52	95 775	39 113,769	758 265,823	19,386	18,923							
29	53	95 450	37 754,208	719 152,054	19,048	18,585							
30	54	95 099	36 431,236	681 397,845	18,704	18,240							
31	55	94 733	35 148,703	644 966,610	18,350	17,886							
32	56	94 322	33 894,717	609 817,906	17,992	17,528							
33	57	93 894	32 678,886	575 923,189	17,624	17,160							
34	58	93 439	31 496,764	543 244,304	17,248	16,784							
35	59	92 938	30 341,712	511 747,540	16,866	16,403							
36	60	92 414	29 220,913	481 405,828	16,475	16,011							
37	61	91 824	28 120,704	452 184,915	16,080	15,617							
38	62	91 212	27 053,955	424 064,211	15,675	15,211							
39	63	90 542	26 009,930	397 010,256	15,264	14,800							
40	64	89 833	24 993,851	371 000,326	14,844	14,380							
41	65	89 065	24 000,163	346 006,475	14,417	13,953							
42	66	88 244	23 030,479	322 006,312	13,982	13,518							
43	67	87 378	22 086,528	298 975,833	13,537	13,073							
44	68	86 423	21 157,602	276 889,304	13,087	12,623							
45	69	85 394	20 247,725	255 731,702	12,630	12,167							
46	70	84 254	19 348,555	235 483,977	12,171	11,707							
47	71	83 018	18 464,616	216 135,422	11,705	11,242							
48	72	81 657	17 590,207	197 670,805	11,238	10,774							
49	73	80 110	16 713,645	180 080,598	10,774	10,311							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 589 996,035	26,076	25,612	50	75	76 899	15 538,780	153 607,350	9,885	9,422
1	26	98 900	95 786,770	2 490 670,700	26,002	25,539	51	76	74 864	14 651,483	138 068,570	9,424	8,960
2	27	98 838	92 713,894	2 394 883,930	25,831	25,367	52	77	72 616	13 764,206	123 417,087	8,967	8,503
3	28	98 794	89 755,080	2 302 170,036	25,649	25,186	53	78	70 143	12 876,877	109 652,881	8,515	8,052
4	29	98 753	86 894,159	2 212 414,956	25,461	24,997	54	79	67 421	11 987,598	96 776,004	8,073	7,609
5	30	98 712	84 123,526	2 125 520,797	25,267	24,803	55	80	64 474	11 102,685	84 788,406	7,637	7,173
6	31	98 673	81 443,785	2 041 397,271	25,065	24,601	56	81	61 252	10 215,841	73 685,721	7,213	6,749
7	32	98 630	78 846,149	1 959 953,486	24,858	24,394	57	82	57 786	9 334,496	63 469,880	6,799	6,336
8	33	98 587	76 330,478	1 881 107,337	24,644	24,181	58	83	54 066	8 458,642	54 135,383	6,400	5,936
9	34	98 542	73 893,972	1 804 776,859	24,424	23,960	59	84	50 107	7 592,484	45 676,741	6,016	5,552
10	35	98 493	71 532,827	1 730 882,887	24,197	23,733	60	85	45 954	6 744,089	38 084,258	5,647	5,183
11	36	98 442	69 245,472	1 659 350,060	23,963	23,500	61	86	41 589	5 911,322	31 340,169	5,302	4,838
12	37	98 387	67 028,040	1 590 104,588	23,723	23,259	62	87	37 147	5 113,770	25 428,847	4,973	4,509
13	38	98 325	64 877,222	1 523 076,548	23,476	23,013	63	88	32 483	4 331,000	20 315,076	4,691	4,227
14	39	98 258	62 792,538	1 458 199,326	23,222	22,759	64	89	28 035	3 620,221	15 984,076	4,415	3,952
15	40	98 173	60 763,225	1 395 406,788	22,965	22,501	65	90	23 770	2 972,850	12 363,855	4,159	3,695
16	41	98 083	58 796,887	1 334 643,563	22,699	22,236	66	91	19 932	2 414,349	9 391,005	3,890	3,426
17	42	97 973	56 881,944	1 275 846,676	22,430	21,966	67	92	16 206	1 901,248	6 976,656	3,670	3,206
18	43	97 847	55 020,565	1 218 964,732	22,155	21,691	68	93	12 906	1 466,485	5 075,408	3,461	2,997
19	44	97 689	53 202,851	1 163 944,167	21,877	21,414	69	94	10 035	1 104,346	3 608,922	3,268	2,804
20	45	97 525	51 441,849	1 110 741,316	21,592	21,129	70	95	7 605	810,599	2 504,576	3,090	2,626
21	46	97 335	49 725,502	1 059 299,468	21,303	20,839	71	96	5 611	579,179	1 693,978	2,925	2,461
22	47	97 130	48 058,483	1 009 573,966	21,007	20,544	72	97	4 023	402,197	1 114,799	2,772	2,268
23	48	96 906	46 438,827	961 515,483	20,705	20,241	73	98	2 797	270,812	712,601	2,631	2,168
24	49	96 674	44 869,005	915 076,657	20,394	19,931	74	99	1 883	176,629	441,789	2,501	2,038
25	50	96 416	43 340,766	870 207,651	20,078	19,615	75	100	1 226	111,319	265,160	2,382	1,918
26	51	96 133	41 853,632	826 866,886	19,756	19,293							
27	52	95 835	40 410,544	785 013,253	19,426	18,962							
28	53	95 509	39 005,391	744 602,710	19,090	18,626							
29	54	95 160	37 639,466	705 597,318	18,746	18,283							
30	55	94 796	36 315,160	667 957,852	18,393	17,930							
31	56	94 392	35 022,255	631 642,692	18,035	17,572							
32	57	93 964	33 766,158	596 620,437	17,669	17,206							
33	58	93 507	32 544,044	562 854,279	17,295	16,832							
34	59	93 013	31 353,150	530 310,236	16,914	16,450							
35	60	92 494	30 196,728	498 957,086	16,524	16,060							
36	61	91 908	29 061,137	468 760,358	16,130	15,667							
37	62	91 302	27 960,825	439 699,221	15,726	15,262							
38	63	90 640	26 884,198	411 738,397	15,315	14,852							
39	64	89 939	25 836,479	384 854,199	14,896	14,432							
40	65	89 187	24 814,000	359 017,720	14,468	14,005							
41	66	88 375	23 814,344	334 203,720	14,034	13,570							
42	67	87 519	22 841,174	310 389,376	13,589	13,125							
43	68	86 589	21 887,316	287 548,202	13,138	12,674							
44	69	85 576	20 950,361	265 660,886	12,680	12,217							
45	70	84 458	20 025,655	244 710,526	12,220	11,756							
46	71	83 247	19 117,374	224 684,870	11,753	11,289							
47	72	81 910	18 218,243	205 567,496	11,284	10,820							
48	73	80 393	17 317,996	187 349,253	10,818	10,355							
49	74	78 721	16 423,907	170 031,257	10,353	9,889							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	18 832,327	324 643,182	17,239	16,775
1	0	99 594	96 458,895	2 719 545,113	28,194	27,730	51	50	92 606	18 123,629	305 810,855	16,874	16,410
2	1	99 240	93 090,596	2 623 086,218	28,178	27,714	52	51	91 946	17 428,063	287 687,226	16,507	16,044
3	2	99 192	90 117,399	2 529 995,622	28,074	27,611	53	52	91 234	16 748,879	270 259,163	16,136	15,672
4	3	99 162	87 253,526	2 439 878,224	27,963	27,499	54	53	90 460	16 083,915	253 510,284	15,762	15,298
5	4	99 133	84 482,755	2 352 624,698	27,847	27,384	55	54	89 607	15 430,778	237 426,369	15,387	14,923
6	5	99 110	81 804,219	2 268 141,943	27,726	27,263	56	55	88 705	14 794,676	221 995,590	15,005	14,541
7	6	99 090	79 213,749	2 186 337,724	27,607	27,137	57	56	87 728	14 171,081	207 200,914	14,621	14,158
8	7	99 073	76 706,767	2 107 123,976	27,470	27,006	58	57	86 699	13 564,063	193 029,833	14,231	13,767
9	8	99 055	74 278,920	2 030 417,209	27,335	26,871	59	58	85 578	12 967,214	179 465,770	13,840	13,376
10	9	99 040	71 930,199	1 956 138,289	27,195	26,731	60	59	84 370	12 381,797	166 498,556	13,447	12,983
11	10	99 025	69 655,400	1 884 208,090	27,050	26,587	61	60	83 076	11 808,208	154 116,759	13,052	12,588
12	11	99 008	67 450,864	1 814 552,690	26,902	26,438	62	61	81 693	11 246,119	142 308,552	12,654	12,190
13	12	98 989	65 315,694	1 747 101,826	26,749	26,285	63	62	80 230	10 697,052	131 062,432	12,252	11,789
14	13	98 973	63 249,365	1 681 786,132	26,590	26,126	64	63	78 680	10 160,117	120 365,381	11,847	11,383
15	14	98 947	61 242,337	1 618 536,767	26,428	25,965	65	64	77 032	9 634,197	110 205,264	11,439	10,975
16	15	98 915	59 295,424	1 557 294,429	26,263	25,800	66	65	75 285	9 119,409	100 571,068	11,028	10,565
17	16	98 872	57 404,170	1 497 999,006	26,096	25,632	67	66	73 457	8 617,875	91 451,659	10,612	10,148
18	17	98 823	55 569,341	1 440 594,836	25,924	25,461	68	67	71 540	8 128,769	82 833,783	10,190	9,727
19	18	98 750	53 780,833	1 385 025,495	25,753	25,290	69	68	69 501	7 648,564	74 705,014	9,767	9,304
20	19	98 675	52 048,198	1 331 244,663	25,577	25,114	70	69	67 333	7 176,682	67 056,451	9,344	8,880
21	20	98 595	50 368,928	1 279 196,465	25,397	24,933	71	70	65 024	6 712,385	59 879,769	8,921	8,457
22	21	98 518	48 745,668	1 228 827,538	25,209	24,745	72	71	62 587	6 257,481	53 167,384	8,497	8,033
23	22	98 442	47 174,538	1 180 081,870	25,015	24,552	73	72	59 955	5 805,694	46 909,903	8,080	7,616
24	23	98 365	45 653,968	1 132 907,331	24,815	24,351	74	73	57 135	5 358,461	41 104,209	7,671	7,207
25	24	98 286	44 181,393	1 087 253,363	24,609	24,145	75	74	54 118	4 915,747	35 745,748	7,272	6,808
26	25	98 205	42 755,612	1 043 071,971	24,396	23,933	76	75	50 964	4 483,561	30 830,001	6,876	6,413
27	26	98 123	41 375,281	1 000 316,359	24,177	23,713	77	76	47 628	4 058,179	26 346,440	6,492	6,029
28	27	98 035	40 036,849	958 941,078	23,951	23,488	78	77	44 114	3 640,429	22 288,261	6,122	5,659
29	28	97 949	38 742,577	918 904,228	23,718	23,255	79	78	40 454	3 233,270	18 647,832	5,767	5,304
30	29	97 861	37 489,196	880 161,652	23,478	23,014	80	79	36 739	2 843,942	15 414,561	5,420	4,957
31	30	97 768	36 274,965	842 672,455	23,230	22,767	81	80	32 958	2 470,979	12 570,620	5,087	4,624
32	31	97 669	35 097,461	806 397,490	22,976	22,512	82	81	29 168	2 118,004	10 099,641	4,768	4,305
33	32	97 564	33 956,247	771 300,029	22,715	22,251	83	82	25 442	1 789,254	7 981,636	4,461	3,997
34	33	97 460	32 852,140	737 343,781	22,444	21,981	84	83	21 828	1 486,807	6 192,383	4,165	3,701
35	34	97 346	31 780,843	704 491,641	22,167	21,704	85	84	18 364	1 211,442	4 705,576	3,884	3,421
36	35	97 222	30 741,356	672 710,798	21,883	21,419	86	85	15 087	963,946	3 494,134	3,625	3,161
37	36	97 092	29 733,874	641 969,442	21,591	21,127	87	86	12 066	746,686	2 530,188	3,389	2,925
38	37	96 951	28 756,083	612 235,568	21,291	20,827	88	87	9 354	560,599	1 783,502	3,181	2,718
39	38	96 796	27 806,289	583 479,485	20,984	20,520	89	88	7 032	408,188	1 222,902	2,996	2,532
40	39	96 625	26 883,558	555 673,197	20,670	20,206	90	89	5 139	288,922	814,714	2,820	2,356
41	40	96 425	25 983,559	528 789,639	20,351	19,887	91	90	3 670	199,837	525,793	2,631	2,167
42	41	96 213	25 110,382	502 806,080	20,024	19,560	92	91	2 519	132,846	325,956	2,454	1,990
43	42	95 978	24 260,588	477 695,697	19,690	19,227	93	92	1 630	83,275	193,110	2,319	1,855
44	43	95 703	23 429,566	453 435,110	19,353	18,889	94	93	1 013	50,093	109,834	2,193	1,729
45	44	95 399	22 619,881	430 005,544	19,010	18,546	95	94	600	28,747	59,742	2,078	1,615
46	45	95 061	21 830,352	407 385,662	18,661	18,198	96	95	338	15,697	30,995	1,975	1,511
47	46	94 671	21 056,441	385 555,311	18,311	17,847	97	96	181	8,134	15,298	1,881	1,417
48	47	94 232	20 299,033	364 498,869	17,956	17,493	98	97	92	3,989	7,164	1,796	1,332
49	48	93 736	19 556,654	344 199,836	17,600	17,137	99	98	44	1,847	3,175	1,719	1,255
							100	99	20	0,805	1,328	1,649	1,186

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	18 867,287	327 532,731	17,360	16,896
1							51	49	92 800	18 161,624	308 665,443	16,995	16,532
2	0	99 558	93 389,406	2 626 876,196	28,128	27,665	52	50	92 161	17 468,878	290 503,819	16,630	16,166
3	1	99 221	90 143,029	2 533 486,790	28,105	27,642	53	51	91 462	16 790,701	273 034,941	16,261	15,797
4	2	99 178	87 267,595	2 443 343,761	27,998	27,535	54	52	90 711	16 128,605	256 244,240	15,888	15,424
5	3	99 147	84 494,870	2 356 076,166	27,884	27,421	55	53	89 880	15 477,818	240 115,635	15,514	15,050
6	4	99 122	81 814,024	2 271 581,296	27,765	27,302	56	54	88 989	14 841,965	224 637,816	15,153	14,672
7	5	99 099	79 220,915	2 189 767,272	27,641	27,178	57	55	88 044	14 222,246	209 795,851	14,751	14,288
8	6	99 081	76 712,918	2 110 546,357	27,512	27,049	58	56	87 029	13 615,706	195 573,605	14,364	13,900
9	7	99 063	74 285,126	2 033 833,439	27,379	26,915	59	57	85 932	13 020,942	181 957,899	13,974	13,511
10	8	99 046	71 934,667	1 959 548,314	27,241	26,777	60	58	84 756	12 438,512	168 936,958	13,582	13,118
11	9	99 031	69 659,823	1 887 613,647	27,098	26,634	61	59	83 475	11 864,902	156 498,445	13,190	12,726
12	10	99 016	67 456,298	1 817 953,824	26,950	26,486	62	60	82 142	11 307,950	144 633,543	12,790	12,327
13	11	98 997	65 320,882	1 750 497,526	26,798	26,335	63	61	80 689	10 758,217	133 325,593	12,393	11,929
14	12	98 981	63 254,214	1 685 176,644	26,641	26,178	64	62	79 176	10 224,272	122 567,376	11,988	11,524
15	13	98 957	61 248,362	1 621 922,430	26,481	26,017	65	63	77 549	9 698,875	112 343,105	11,583	11,119
16	14	98 927	59 302,765	1 560 674,068	26,317	25,853	66	64	75 831	9 185,506	102 644,230	11,175	10,711
17	15	98 886	57 411,953	1 501 371,303	26,151	25,687	67	65	74 030	8 685,119	93 458,724	10,761	10,297
18	16	98 839	55 578,275	1 443 959,350	25,981	25,517	68	66	72 133	8 196,139	84 773,604	10,343	9,879
19	17	98 768	53 790,275	1 388 381,075	25,811	25,347	69	67	70 134	7 718,179	76 577,465	9,922	9,458
20	18	98 697	52 059,569	1 334 590,800	25,636	25,172	70	68	67 999	7 247,674	68 859,286	9,501	9,037
21	19	98 616	50 379,762	1 282 531,231	25,457	24,994	71	69	65 745	6 786,820	61 611,612	9,078	8,615
22	20	98 539	48 755,955	1 232 151,469	25,272	24,808	72	70	63 344	6 333,151	54 824,792	8,657	8,193
23	21	98 463	47 184,737	1 183 395,514	25,080	24,616	73	71	60 766	5 884,207	48 491,641	8,241	7,777
24	22	98 387	45 664,462	1 136 210,777	24,882	24,418	74	72	58 033	5 442,687	42 607,434	7,828	7,365
25	23	98 308	44 191,444	1 090 546,315	24,678	24,214	75	73	55 073	5 002,466	37 164,747	7,429	6,966
26	24	98 228	42 765,335	1 046 354,871	24,467	24,004	76	74	51 969	4 571,909	32 162,280	7,035	6,571
27	25	98 145	41 384,504	1 003 589,537	24,250	23,787	77	75	48 714	4 150,661	27 590,371	6,647	6,184
28	26	98 061	40 047,548	962 205,033	24,027	23,563	78	76	45 261	3 735,105	23 439,710	6,276	5,812
29	27	97 974	38 752,580	922 157,485	23,796	23,332	79	77	41 660	3 329,679	19 704,605	5,918	5,454
30	28	97 886	37 498,936	883 404,905	23,558	23,095	80	78	38 003	2 941,780	16 374,926	5,566	5,103
31	29	97 796	36 285,029	845 905,968	23,313	22,849	81	79	34 244	2 567,386	13 433,147	5,232	4,769
32	30	97 696	35 107,096	809 620,939	23,061	22,598	82	80	30 491	2 214,034	10 865,760	4,908	4,444
33	31	97 596	33 967,321	774 513,843	22,802	22,338	83	81	26 767	1 882,426	8 651,726	4,596	4,132
34	32	97 494	32 863,522	740 546,522	22,534	22,070	84	82	23 144	1 576,457	6 769,301	4,294	3,830
35	33	97 381	31 792,345	707 682,999	22,260	21,796	85	83	19 639	1 295,603	5 192,844	4,008	3,544
36	34	97 262	30 753,837	675 890,654	21,977	21,514	86	84	16 292	1 040,962	3 897,241	3,744	3,280
37	35	97 133	29 746,551	645 136,818	21,688	21,224	87	85	13 191	816,314	2 856,279	3,499	3,035
38	36	96 996	28 769,498	615 390,267	21,390	20,927	88	86	10 354	620,577	2 039,965	3,287	2,824
39	37	96 847	27 820,942	586 620,769	21,086	20,622	89	87	7 943	461,053	1 419,387	3,079	2,615
40	38	96 682	26 899,417	558 799,826	20,774	20,310	90	88	5 876	330,371	958,334	2,901	2,437
41	39	96 493	26 001,845	531 900,410	20,456	19,993	91	89	4 266	232,306	627,964	2,703	2,240
42	40	96 282	25 128,294	505 898,564	20,133	19,669	92	90	2 957	155,958	395,657	2,537	2,073
43	41	96 058	24 280,764	480 770,271	19,800	19,337	93	91	1 972	100,713	239,699	2,380	1,916
44	42	95 794	23 451,750	456 489,506	19,465	19,001	94	92	1 249	61,765	138,986	2,250	1,787
45	43	95 500	22 643,783	433 037,756	19,124	18,660	95	93	756	36,245	77,221	2,130	1,667
46	44	95 169	21 855,066	410 393,973	18,778	18,314	96	94	437	20,264	40,975	2,022	1,558
47	45	94 799	21 084,960	388 538,907	18,427	17,964	97	95	240	10,765	20,711	1,924	1,460
48	46	94 378	20 330,564	367 453,947	18,074	17,610	98	96	125	5,420	9,946	1,835	1,371
49	47	93 899	19 590,652	347 123,383	17,719	17,255	99	97	61	2,579	4,525	1,754	1,291
							100	98	28	1,157	1,946	1,681	1,218



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	18 900,087	330 205,349	17,471	17,007
1							51	48	92 972	18 195,339	311 305,262	17,109	16,645
2							52	49	92 354	17 505,501	293 109,922	16,744	16,280
3	0	99 539	90 432,378	2 536 997,850	28,054	27,590	53	50	91 676	16 830,024	275 604,421	16,376	15,912
4	1	99 206	87 292,415	2 446 565,472	28,027	27,564	54	51	90 938	16 168,878	258 774,398	16,004	15,541
5	2	99 163	84 508,494	2 359 273,057	27,918	27,454	55	52	90 130	15 520,824	242 605,519	15,631	15,167
6	3	99 136	81 825,757	2 274 764,562	27,800	27,336	56	53	89 260	14 887,210	227 084,695	15,254	14,790
7	4	99 111	79 230,410	2 192 938,806	27,678	27,214	57	54	88 326	14 267,705	212 197,485	14,873	14,409
8	5	99 090	76 719,858	2 113 708,396	27,551	27,087	58	55	87 343	13 664,866	197 929,780	14,485	14,021
9	6	99 071	74 291,082	2 036 988,538	27,419	26,955	59	56	86 259	13 070,517	184 264,914	14,098	13,634
10	7	99 055	71 940,677	1 962 697,455	27,282	26,819	60	57	85 107	12 490,050	171 194,398	13,706	13,243
11	8	99 038	69 664,150	1 890 756,779	27,141	26,677	61	58	83 858	11 919,250	158 704,348	13,315	12,851
12	9	99 022	67 460,581	1 821 092,629	26,995	26,531	62	59	82 537	11 362,242	146 785,098	12,919	12,455
13	10	99 005	65 326,145	1 753 632,048	26,844	26,381	63	60	81 133	10 817,365	135 422,856	12,519	12,055
14	11	98 989	63 259,238	1 688 305,903	26,689	26,225	64	61	79 629	10 282,734	124 605,490	12,118	11,654
15	12	98 964	61 253,058	1 625 046,666	26,530	26,066	65	62	78 039	9 760,117	114 322,757	11,713	11,250
16	13	98 937	59 308,599	1 563 793,608	26,367	25,903	66	63	76 340	9 247,172	104 562,639	11,308	10,844
17	14	98 898	57 419,061	1 504 485,009	26,202	25,738	67	64	74 567	8 748,069	95 315,467	10,896	10,432
18	15	98 852	55 585,811	1 447 065,948	26,033	25,569	68	65	72 696	8 260,092	86 567,398	10,480	10,017
19	16	98 784	53 798,924	1 391 480,137	25,864	25,401	69	66	70 715	7 782,146	78 307,306	10,062	9,599
20	17	98 714	52 068,709	1 337 681,213	25,691	25,227	70	67	68 618	7 313,640	70 525,160	9,643	9,179
21	18	98 638	50 390,769	1 285 612,504	25,513	25,049	71	68	66 395	6 853,956	63 211,519	9,223	8,759
22	19	98 560	48 766,442	1 235 221,735	25,329	24,866	72	69	64 046	6 403,381	56 357,564	8,801	8,338
23	20	98 484	47 194,695	1 186 455,293	25,140	24,676	73	70	61 501	5 955,363	49 954,182	8,388	7,924
24	21	98 409	45 674,334	1 139 260,598	24,943	24,479	74	71	58 818	5 516,291	43 998,819	7,976	7,513
25	22	98 331	44 201,601	1 093 586,264	24,741	24,277	75	72	55 939	5 081,097	38 482,529	7,574	7,110
26	23	98 250	42 775,064	1 049 384,663	24,533	24,069	76	73	52 886	4 652,563	33 401,431	7,179	6,716
27	24	98 168	41 393,915	1 006 609,599	24,318	23,854	77	74	49 674	4 232,449	28 748,868	6,792	6,329
28	25	98 083	40 056,475	965 215,684	24,096	23,633	78	75	46 293	3 820,224	24 516,419	6,418	5,954
29	26	98 001	38 762,936	925 159,209	23,867	23,403	79	76	42 743	3 416,273	20 696,195	6,058	5,594
30	27	97 911	37 508,618	886 396,273	23,632	23,168	80	77	39 136	3 029,497	17 279,921	5,704	5,240
31	28	97 821	36 294,456	848 887,655	23,389	22,925	81	78	35 422	2 655,710	14 250,425	5,366	4,902
32	29	97 723	35 116,836	812 593,199	23,140	22,676	82	79	31 680	2 300,416	11 594,715	5,040	4,577
33	30	97 623	33 976,646	777 476,363	22,883	22,419	83	80	27 980	1 967,774	9 294,299	4,723	4,260
34	31	97 525	32 874,240	743 499,717	22,616	22,153	84	81	24 350	1 658,548	7 326,524	4,417	3,954
35	32	97 415	31 803,360	710 625,477	22,344	21,881	85	82	20 824	1 373,723	5 667,976	4,126	3,662
36	33	97 297	30 764,967	678 822,117	22,065	21,601	86	83	17 424	1 113,280	4 294,253	3,857	3,394
37	34	97 173	29 758,627	648 057,149	21,777	21,313	87	84	14 245	881,535	3 180,973	3,608	3,145
38	35	97 038	28 781,764	618 298,522	21,482	21,019	88	85	11 320	678,446	2 299,438	3,389	2,926
39	36	96 892	27 833,921	589 516,758	21,180	20,716	89	86	8 792	510,381	1 620,992	3,176	2,712
40	37	96 733	26 913,592	561 682,837	20,870	20,406	90	87	6 637	373,158	1 110,611	2,976	2,513
41	38	96 550	26 017,184	534 769,245	20,554	20,091	91	88	4 878	265,633	737,454	2,776	2,313
42	39	96 350	25 145,978	508 752,060	20,232	19,768	92	89	3 438	181,298	471,821	2,602	2,139
43	40	96 127	24 298,084	483 606,082	19,903	19,439	93	90	2 315	118,235	290,523	2,457	1,994
44	41	95 874	23 471,254	459 307,999	19,569	19,105	94	91	1 510	74,699	172,287	2,306	1,843
45	42	95 590	22 665,223	435 836,744	19,229	18,766	95	92	933	44,691	97,588	2,184	1,720
46	43	95 269	21 878,159	413 171,521	18,885	18,421	96	93	551	25,550	52,897	2,070	1,607
47	44	94 907	21 108,830	391 293,362	18,537	18,073	97	94	309	13,898	27,347	1,968	1,504
48	45	94 506	20 358,100	370 184,532	18,184	17,720	98	95	165	7,174	13,449	1,875	1,411
49	46	94 045	19 621,083	349 826,432	17,829	17,365	99	96	83	3,505	6,275	1,791	1,327
							100	97	40	1,616	2,771	1,714	1,251

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	18 929,445	332 672,729	17,574	17,111
1							51	47	93 134	18 226,971	313 743,284	17,213	16,750
2							52	48	92 526	17 537,998	295 516,313	16,850	16,386
3							53	49	91 869	16 865,307	277 978,315	16,482	16,019
4	0	99 524	87 572,614	2 449 814,794	27,975	27,511	54	50	91 150	16 206,745	261 113,007	16,111	15,648
5	1	99 191	84 532,530	2 362 242,180	27,945	27,481	55	51	90 355	15 559,580	244 906,263	15,740	15,276
6	2	99 152	81 838,950	2 277 709,650	27,832	27,368	56	52	89 508	14 928,575	229 346,683	15,363	14,899
7	3	99 125	79 241,773	2 195 870,700	27,711	27,247	57	53	88 595	14 311,199	214 418,108	14,983	14,519
8	4	99 102	76 729,054	2 116 628,927	27,586	27,122	58	54	87 622	13 708,543	200 106,909	14,597	14,134
9	5	99 080	74 297,803	2 039 899,874	27,456	26,992	59	55	86 571	13 117,708	186 398,366	14,210	13,746
10	6	99 063	71 946,445	1 965 602,071	27,320	26,857	60	56	85 432	12 537,604	173 280,657	13,821	13,357
11	7	99 046	69 669,970	1 893 655,625	27,180	26,717	61	57	84 205	11 968,636	160 743,054	13,430	12,967
12	8	99 028	67 464,771	1 823 985,655	27,036	26,572	62	58	82 915	11 414,288	148 774,418	13,034	12,570
13	9	99 011	65 330,292	1 756 520,884	26,887	26,423	63	59	81 522	10 869,303	137 360,131	12,637	12,174
14	10	98 996	63 264,334	1 691 190,592	26,732	26,269	64	60	80 067	10 339,268	126 490,828	12,234	11,770
15	11	98 972	61 257,923	1 627 926,257	26,575	26,111	65	61	78 485	9 815,926	116 151,560	11,833	11,369
16	12	98 945	59 313,146	1 566 668,335	26,414	25,950	66	62	76 822	9 305,562	106 335,635	11,427	10,963
17	13	98 908	57 424,710	1 507 355,189	26,249	25,786	67	63	75 068	8 806,798	97 030,072	11,018	10,554
18	14	98 864	55 592,693	1 449 930,479	26,081	25,618	68	64	73 223	8 319,961	88 223,274	10,604	10,140
19	15	98 797	53 806,218	1 394 337,786	25,914	25,450	69	65	71 267	7 842,869	79 903,313	10,188	9,724
20	16	98 730	52 077,081	1 340 531,568	25,741	25,278	70	66	69 187	7 374,255	72 060,444	9,772	9,308
21	17	98 655	50 399,616	1 288 454,487	25,565	25,101	71	67	66 999	6 916,338	64 686,189	9,353	8,889
22	18	98 582	48 777,097	1 238 054,871	25,382	24,918	72	68	64 680	6 466,724	57 769,851	8,933	8,470
23	19	98 505	47 204,846	1 189 277,774	25,194	24,730	73	69	62 183	6 021,404	51 303,127	8,520	8,057
24	20	98 430	45 683,973	1 142 072,928	24,999	24,536	74	70	59 529	5 582,998	45 281,723	8,111	7,647
25	21	98 352	44 211,158	1 096 388,955	24,799	24,335	75	71	56 695	5 149,811	39 698,725	7,709	7,245
26	22	98 273	42 784,896	1 052 177,797	24,592	24,129	76	72	53 717	4 725,694	34 548,914	7,311	6,847
27	23	98 190	41 403,332	1 009 392,902	24,380	23,916	77	73	50 550	4 307,115	29 823,220	6,924	6,461
28	24	98 105	40 065,584	967 989,570	24,160	23,697	78	74	47 205	3 895,501	25 516,106	6,550	6,087
29	25	98 022	38 771,576	927 923,986	23,933	23,469	79	75	43 717	3 494,126	21 620,604	6,188	5,724
30	26	97 937	37 518,642	889 152,410	23,699	23,235	80	76	40 154	3 108,284	18 126,478	5,832	5,368
31	27	97 846	36 303,827	851 633,768	23,459	22,995	81	77	36 478	2 734,897	15 018,193	5,491	5,028
32	28	97 749	35 125,960	815 329,941	23,212	22,748	82	78	32 770	2 379,556	12 283,296	5,162	4,698
33	29	97 650	33 986,072	780 203,981	22,957	22,493	83	79	29 072	2 044,548	9 903,741	4,844	4,380
34	30	97 552	32 883,264	746 217,909	22,693	22,229	84	80	25 454	1 733,746	7 859,192	4,533	4,069
35	31	97 447	31 813,732	713 334,644	22,422	21,959	85	81	21 908	1 445,258	6 125,446	4,238	3,775
36	32	97 331	30 775,626	681 520,912	22,145	21,681	86	82	18 475	1 180,407	4 680,189	3,965	3,501
37	33	97 208	29 769,398	650 745,286	21,860	21,396	87	83	15 235	942,777	3 499,782	3,712	3,249
38	34	97 077	28 793,449	620 975,888	21,567	21,103	88	84	12 224	732,651	2 557,004	3,490	3,026
39	35	96 933	27 845,788	592 182,440	21,266	20,803	89	85	9 612	557,973	1 824,353	3,270	2,806
40	36	96 778	26 926,148	564 336,651	20,959	20,495	90	86	7 348	413,081	1 266,380	3,066	2,602
41	37	96 601	26 030,895	537 410,503	20,645	20,181	91	87	5 510	300,036	853,298	2,844	2,380
42	38	96 407	25 160,812	511 379,608	20,324	19,861	92	88	3 931	207,307	553,263	2,669	2,205
43	39	96 194	24 315,184	486 218,797	19,997	19,533	93	89	2 691	137,446	345,955	2,517	2,053
44	40	95 942	23 487,996	461 903,613	19,666	19,202	94	90	1 773	87,695	208,509	2,378	1,914
45	41	95 670	22 684,073	438 415,616	19,327	18,863	95	91	1 128	54,050	120,814	2,235	1,772
46	42	95 360	21 898,874	415 731,543	18,984	18,521	96	92	679	31,504	66,765	2,119	1,656
47	43	95 007	21 131,135	393 832,669	18,638	18,174	97	93	390	17,523	35,261	2,012	1,549
48	44	94 613	20 381,147	372 701,534	18,287	17,823	98	94	213	9,261	17,738	1,915	1,452
49	45	94 172	19 647,658	352 320,386	17,932	17,468	99	95	110	4,639	8,476	1,827	1,364
							100	96	54	2,196	3,838	1,748	1,284

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	18 955,083	334 946,189	17,671	17,207
1							51	46	93 279	18 255,283	315 991,106	17,310	16,846
2							52	47	92 687	17 568,487	297 735,822	16,947	16,484
3							53	48	92 039	16 896,616	280 167,335	16,581	16,118
4							54	49	91 342	16 240,721	263 270,719	16,211	15,747
5	0	99 510	84 803,869	2 365 246,658	27,891	27,427	55	50	90 566	15 596,019	247 029,998	15,839	15,376
6	1	99 180	81 862,226	2 280 442,788	27,857	27,393	56	51	89 731	14 965,852	231 433,979	15,464	15,001
7	2	99 141	79 254,550	2 198 580,562	27,741	27,277	57	52	88 841	14 350,963	216 468,127	15,084	14,620
8	3	99 116	76 740,057	2 119 326,013	27,617	27,153	58	53	87 889	13 750,333	202 117,164	14,699	14,235
9	4	99 092	74 306,709	2 042 585,956	27,489	27,025	59	54	86 848	13 159,637	188 366,831	14,314	13,850
10	5	99 072	71 952,954	1 968 279,247	27,355	26,891	60	55	85 740	12 582,871	175 207,194	13,924	13,461
11	6	99 054	69 675,557	1 896 326,293	27,217	26,753	61	56	84 526	12 014,204	162 624,323	13,536	13,072
12	7	99 036	67 470,408	1 826 650,736	27,073	26,610	62	57	83 258	11 461,581	150 610,119	13,140	12,677
13	8	99 018	65 334,350	1 759 180,328	26,926	26,462	63	58	81 896	10 919,090	139 148,537	12,744	12,280
14	9	99 003	63 268,351	1 693 845,978	26,772	26,309	64	59	80 451	10 388,910	128 229,448	12,343	11,879
15	10	98 980	61 262,858	1 630 577,627	26,616	26,152	65	60	78 916	9 869,893	117 840,538	11,939	11,476
16	11	98 952	59 317,857	1 569 314,769	26,456	25,992	66	61	77 261	9 358,771	107 970,645	11,537	11,073
17	12	98 915	57 429,112	1 509 996,912	26,293	25,830	67	62	75 542	8 862,408	98 611,874	11,127	10,663
18	13	98 874	55 598,162	1 452 567,800	26,126	25,663	68	63	73 714	8 375,817	89 749,466	10,715	10,252
19	14	98 809	53 812,880	1 396 969,638	25,960	25,496	69	64	71 784	7 899,714	81 373,650	10,301	9,837
20	15	98 743	52 084,142	1 343 156,758	25,788	25,325	70	65	69 727	7 431,795	73 473,936	9,886	9,423
21	16	98 671	50 407,720	1 291 072,617	25,613	25,149	71	66	67 555	6 973,660	66 042,140	9,470	9,007
22	17	98 599	48 785,661	1 240 664,897	25,431	24,967	72	67	65 268	6 525,582	59 068,480	9,052	8,588
23	18	98 526	47 215,160	1 191 879,236	25,244	24,780	73	68	62 798	6 080,968	52 542,898	8,641	8,177
24	19	98 451	45 693,799	1 144 664,076	25,051	24,587	74	69	60 190	5 644,909	46 461,930	8,231	7,767
25	20	98 373	44 220,488	1 098 970,277	24,852	24,388	75	70	57 381	5 212,086	40 817,021	7,831	7,368
26	21	98 294	42 794,146	1 054 749,789	24,647	24,183	76	71	54 443	4 789,602	35 604,935	7,434	6,970
27	22	98 212	41 412,849	1 011 955,644	24,436	23,972	77	72	51 345	4 374,816	30 815,333	7,044	6,580
28	23	98 128	40 074,699	970 542,795	24,218	23,755	78	73	48 038	3 964,223	26 440,518	6,670	6,206
29	24	98 045	38 780,393	930 468,096	23,993	23,530	79	74	44 579	3 562,978	22 476,295	6,308	5,845
30	25	97 959	37 527,004	891 687,703	23,761	23,298	80	75	41 069	3 179,119	18 913,317	5,949	5,486
31	26	97 872	36 313,529	854 160,699	23,522	23,058	81	76	37 427	2 806,023	15 734,199	5,607	5,144
32	27	97 774	35 135,029	817 847,170	23,277	22,814	82	77	33 747	2 450,508	12 928,175	5,276	4,812
33	28	97 676	33 994,902	782 712,141	23,024	22,561	83	78	30 072	2 114,886	10 477,667	4,954	4,491
34	29	97 579	32 892,387	748 717,239	22,763	22,299	84	79	26 447	1 801,389	8 362,781	4,642	4,179
35	30	97 473	31 822,466	715 824,852	22,494	22,031	85	80	22 901	1 510,785	6 561,392	4,343	3,879
36	31	97 362	30 785,663	684 002,386	22,218	21,755	86	81	19 437	1 241,875	5 050,607	4,067	3,603
37	32	97 242	29 779,712	653 216,723	21,935	21,471	87	82	16 154	999,624	3 808,733	3,810	3,347
38	33	97 112	28 803,870	623 437,011	21,644	21,181	88	83	13 074	783,550	2 809,109	3,585	3,121
39	34	96 972	27 857,093	594 633,141	21,346	20,882	89	84	10 380	602,554	2 025,559	3,362	2,898
40	35	96 819	26 937,628	566 776,048	21,040	20,577	90	85	8 033	451,601	1 423,005	3,151	2,687
41	36	96 646	26 043,039	539 838,420	20,729	20,265	91	86	6 100	332,136	971,404	2,925	2,461
42	37	96 457	25 174,071	513 795,381	20,410	19,946	92	87	4 440	234,156	639,268	2,730	2,266
43	38	96 251	24 329,528	488 621,310	20,083	19,620	93	88	3 077	157,164	405,112	2,578	2,114
44	39	96 009	23 504,526	464 291,783	19,753	19,290	94	89	2 061	101,944	247,948	2,432	1,969
45	40	95 738	22 700,254	440 787,256	19,418	18,954	95	90	1 324	63,453	146,004	2,301	1,837
46	41	95 439	21 917,087	418 087,003	19,076	18,612	96	91	821	38,101	82,551	2,167	1,703
47	42	95 097	21 151,143	396 169,916	18,730	18,267	97	92	481	21,607	44,450	2,057	1,594
48	43	94 713	20 402,683	375 018,773	18,381	17,917	98	93	268	11,677	22,844	1,956	1,493
49	44	94 279	19 669,901	354 616,089	18,028	17,565	99	94	142	5,988	11,167	1,865	1,401
							100	95	71	2,906	5,179	1,782	1,318

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	18 976,542	337 036,417	17,761	17,297
1							51	45	93 405	18 280,008	318 059,875	17,399	16,936
2							52	46	92 831	17 595,776	299 779,867	17,037	16,573
3							53	47	92 199	16 925,990	282 184,090	16,672	16,208
4							54	48	91 511	16 270,871	265 258,100	16,303	15,839
5							55	49	90 756	15 628,716	248 987,230	15,931	15,468
6	0	99 498	82 124,995	2 283 218,965	27,802	27,338	56	50	89 942	15 000,901	233 358,514	15,556	15,093
7	1	99 170	79 277,091	2 201 093,970	27,765	27,301	57	51	89 063	14 386,798	218 357,613	15,178	14,714
8	2	99 132	76 752,431	2 121 816,880	27,645	27,181	58	52	88 134	13 788,539	203 970,815	14,793	14,329
9	3	99 106	74 317,365	2 045 064,449	27,518	27,054	59	53	87 112	13 199,753	190 182,277	14,408	13,944
10	4	99 083	71 961,579	1 970 747,084	27,386	26,922	60	54	86 014	12 623,090	176 982,523	14,021	13,557
11	5	99 063	69 681,860	1 898 785,506	27,249	26,786	61	55	84 831	12 057,582	164 359,433	13,631	13,168
12	6	99 044	67 475,818	1 829 103,646	27,108	26,644	62	56	83 575	11 505,219	152 301,852	13,238	12,774
13	7	99 026	65 339,809	1 761 627,828	26,961	26,497	63	57	82 235	10 964,332	140 796,632	12,841	12,378
14	8	99 009	63 272,281	1 696 288,019	26,809	26,346	64	58	80 820	10 436,496	129 832,301	12,440	11,977
15	9	98 986	61 266,748	1 633 015,738	26,654	26,191	65	59	79 295	9 917,281	119 395,804	12,039	11,576
16	10	98 960	59 322,636	1 571 748,990	26,495	26,031	66	60	77 686	9 410,225	109 478,523	11,634	11,170
17	11	98 923	57 433,673	1 512 426,354	26,333	25,870	67	61	75 973	8 913,083	100 068,298	11,227	10,764
18	12	98 881	55 602,424	1 454 992,681	26,168	25,704	68	62	74 180	8 428,705	91 155,215	10,815	10,351
19	13	98 819	53 818,174	1 399 390,257	26,002	25,539	69	63	72 266	7 952,748	82 726,510	10,402	9,939
20	14	98 755	52 090,591	1 345 572,083	25,831	25,368	70	64	70 232	7 485,661	74 773,762	9,989	9,525
21	15	98 684	50 414,554	1 293 481,493	25,657	25,193	71	65	68 082	7 028,075	67 288,102	9,574	9,111
22	16	98 615	48 793,505	1 243 066,938	25,476	25,012	72	66	65 809	6 579,665	60 260,027	9,159	8,695
23	17	98 544	47 223,449	1 194 273,434	25,290	24,826	73	67	63 370	6 136,315	53 680,362	8,748	8,284
24	18	98 472	45 703,783	1 147 049,984	25,097	24,634	74	68	60 785	5 700,749	47 544,047	8,340	7,876
25	19	98 394	44 229,999	1 101 346,201	24,900	24,437	75	69	58 017	5 269,884	41 843,298	7,940	7,476
26	20	98 314	42 803,177	1 057 116,202	24,697	24,234	76	70	55 102	4 847,521	36 573,413	7,545	7,081
27	21	98 234	41 421,802	1 014 313,025	24,487	24,024	77	71	52 039	4 433,978	31 725,893	7,155	6,692
28	22	98 150	40 083,910	972 891,224	24,271	23,808	78	72	48 793	4 026,534	27 291,914	6,778	6,314
29	23	98 067	38 789,216	932 807,314	24,048	23,584	79	73	45 365	3 625,833	23 265,381	6,417	5,953
30	24	97 982	37 535,538	894 018,098	23,818	23,354	80	74	41 878	3 241,763	19 639,548	6,058	5,595
31	25	97 894	36 321,623	856 482,560	23,581	23,117	81	75	38 280	2 869,970	16 397,785	5,714	5,250
32	26	97 800	35 144,418	820 160,937	23,337	22,873	82	76	34 625	2 514,238	13 527,815	5,380	4,917
33	27	97 701	34 003,679	785 016,519	23,086	22,623	83	77	30 969	2 177,946	11 013,577	5,057	4,593
34	28	97 605	32 900,933	751 012,840	22,826	22,363	84	78	27 357	1 863,361	8 835,630	4,742	4,278
35	29	97 500	31 831,294	718 111,907	22,560	22,096	85	79	23 795	1 569,729	6 972,269	4,442	3,978
36	30	97 389	30 794,114	686 280,612	22,286	21,822	86	80	20 318	1 298,181	5 402,540	4,162	3,698
37	31	97 273	29 789,424	655 486,498	22,004	21,540	87	81	16 995	1 051,677	4 104,359	3,903	3,439
38	32	97 146	28 813,849	625 697,074	21,715	21,252	88	82	13 862	830,796	3 052,682	3,674	3,211
39	33	97 007	27 867,175	596 883,225	21,419	20,955	89	83	11 101	644,414	2 221,886	3,448	2,984
40	34	96 859	26 948,564	569 016,050	21,115	20,651	90	84	8 674	487,682	1 577,472	3,235	2,771
41	35	96 687	26 054,142	542 067,485	20,805	20,342	91	85	6 669	363,107	1 089,789	3,001	2,538
42	36	96 502	25 185,816	516 013,343	20,488	20,025	92	86	4 915	259,208	726,682	2,803	2,340
43	37	96 302	24 342,349	490 827,528	20,164	19,700	93	87	3 476	177,519	467,474	2,633	2,170
44	38	96 066	23 518,392	466 485,179	19,835	19,371	94	88	2 356	116,569	289,955	2,487	2,024
45	39	95 805	22 716,229	442 966,787	19,500	19,036	95	89	1 540	73,763	173,386	2,351	1,887
46	40	95 507	21 932,721	420 250,558	19,161	18,697	96	90	964	44,729	99,624	2,227	1,764
47	41	95 176	21 168,734	398 317,837	18,816	18,353	97	91	581	26,131	54,894	2,101	1,637
48	42	94 803	20 422,001	377 149,103	18,468	18,004	98	92	331	14,398	28,763	1,998	1,534
49	43	94 379	19 690,685	356 727,102	18,117	17,653	99	93	179	7,550	14,365	1,903	1,439
							100	94	92	3,752	6,815	1,816	1,353

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	18 996,594	338 956,588	17,843	17,379
1							51	44	93 511	18 300,703	319 959,995	17,483	17,020
2							52	45	92 956	17 619,608	301 659,292	17,121	16,657
3							53	46	92 342	16 952,281	284 039,683	16,755	16,292
4							54	47	91 670	16 299,157	267 087,402	16,387	15,923
5							55	48	90 925	15 657,729	250 788,246	16,017	15,553
6							56	49	90 130	15 032,349	235 130,517	15,642	15,178
7	0	99 488	79 531,561	2 203 657,901	27,708	27,244	57	50	89 272	14 420,491	220 098,167	15,263	14,799
8	1	99 160	76 774,260	2 124 126,340	27,667	27,204	58	51	88 354	13 822,969	205 677,677	14,879	14,416
9	2	99 122	74 329,348	2 047 352,080	27,544	27,081	59	52	87 354	13 236,429	191 854,708	14,494	14,031
10	3	99 098	71 971,898	1 973 022,732	27,414	26,950	60	53	86 276	12 661,571	178 618,279	14,107	13,643
11	4	99 075	69 690,212	1 901 050,834	27,279	26,815	61	54	85 102	12 096,122	165 956,708	13,720	13,256
12	5	99 053	67 481,922	1 831 360,621	27,139	26,675	62	55	83 877	11 546,759	153 860,586	13,325	12,861
13	6	99 034	65 345,048	1 763 878,699	26,993	26,530	63	56	82 548	11 006,076	142 313,827	12,930	12,467
14	7	99 017	63 277,567	1 698 533,651	26,843	26,379	64	57	81 155	10 479,739	131 307,750	12,530	12,066
15	8	98 993	61 270,553	1 635 256,084	26,689	26,225	65	58	79 658	9 962,708	120 828,012	12,128	11,664
16	9	98 967	59 326,402	1 573 985,530	26,531	26,067	66	59	78 059	9 455,407	110 865,304	11,725	11,261
17	10	98 931	57 438,301	1 514 659,128	26,370	25,907	67	60	76 391	8 962,086	101 409,897	11,315	10,852
18	11	98 889	55 606,841	1 457 220,828	26,206	25,742	68	61	74 604	8 476,900	92 447,811	10,906	10,442
19	12	98 826	53 822,299	1 401 613,987	26,042	25,578	69	62	72 722	8 002,965	83 970,911	10,492	10,029
20	13	98 765	52 095,715	1 347 791,688	25,871	25,408	70	63	70 703	7 535,915	75 967,946	10,081	9,617
21	14	98 696	50 420,796	1 295 695,972	25,698	25,234	71	64	68 575	7 079,014	68 432,031	9,667	9,203
22	15	98 628	48 800,120	1 245 275,176	25,518	25,054	72	65	66 323	6 631,006	61 353,017	9,252	8,789
23	16	98 560	47 231,042	1 196 475,056	25,332	24,869	73	66	63 895	6 187,172	54 722,012	8,844	8,381
24	17	98 489	45 711,807	1 149 244,014	25,141	24,677	74	67	61 338	5 752,635	48 534,840	8,437	7,973
25	18	98 415	44 239,663	1 103 532,207	24,944	24,481	75	68	58 591	5 322,014	42 782,204	8,039	7,575
26	19	98 336	42 812,384	1 059 292,544	24,743	24,279	76	69	55 713	4 901,276	37 460,190	7,643	7,179
27	20	98 254	41 430,543	1 016 480,160	24,535	24,071	77	70	52 668	4 487,597	32 558,914	7,255	6,792
28	21	98 172	40 092,576	975 049,617	24,320	23,856	78	71	49 453	4 080,987	28 071,317	6,879	6,415
29	22	98 090	38 798,131	934 957,041	24,098	23,634	79	72	46 078	3 682,825	23 990,330	6,514	6,050
30	23	98 004	37 544,078	896 158,910	23,870	23,406	80	73	42 617	3 298,952	20 307,505	6,156	5,692
31	24	97 916	36 329,882	858 614,832	23,634	23,170	81	74	39 034	2 926,522	17 008,553	5,812	5,348
32	25	97 822	35 152,252	822 284,950	23,392	22,928	82	75	35 414	2 571,535	14 082,032	5,476	5,012
33	26	97 727	34 012,766	787 132,698	23,142	22,679	83	76	31 774	2 234,588	11 510,496	5,151	4,687
34	27	97 630	32 909,428	753 119,932	22,885	22,421	84	77	28 172	1 918,922	9 275,908	4,834	4,370
35	28	97 526	31 839,564	720 210,504	22,620	22,156	85	78	24 613	1 623,732	7 356,986	4,531	4,067
36	29	97 416	30 802,658	688 370,940	22,348	21,884	86	79	21 111	1 348,830	5 733,255	4,251	3,787
37	30	97 300	29 797,602	657 568,282	22,068	21,604	87	80	17 765	1 099,360	4 384,424	3,988	3,525
38	31	97 177	28 823,246	627 770,681	21,780	21,316	88	81	14 584	874,058	3 285,064	3,758	3,295
39	32	97 041	27 876,830	598 947,434	21,485	21,022	89	82	11 771	683,270	2 411,006	3,529	3,065
40	33	96 894	26 958,318	571 070,604	21,183	20,720	90	83	9 277	521,563	1 727,736	3,313	2,849
41	34	96 727	26 064,720	544 112,287	20,875	20,412	91	84	7 201	392,119	1 206,173	3,076	2,612
42	35	96 544	25 196,553	518 047,567	20,560	20,097	92	85	5 373	283,379	814,055	2,873	2,409
43	36	96 347	24 353,705	492 851,014	20,237	19,774	93	86	3 847	196,511	530,675	2,700	2,237
44	37	96 117	23 530,786	468 497,308	19,910	19,446	94	87	2 662	131,666	334,164	2,538	2,074
45	38	95 862	22 729,630	444 966,523	19,576	19,113	95	88	1 760	84,345	202,499	2,401	1,937
46	39	95 574	21 948,156	422 236,893	19,238	18,774	96	89	1 121	51,997	118,154	2,272	1,809
47	40	95 244	21 183,833	400 288,737	18,896	18,432	97	90	683	30,677	66,157	2,157	1,693
48	41	94 882	20 438,986	379 104,903	18,548	18,085	98	91	400	17,413	35,480	2,038	1,574
49	42	94 468	19 709,329	358 665,918	18,198	17,734	99	92	221	9,310	18,067	1,941	1,477
							100	93	116	4,731	8,757	1,851	1,387

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	19 014,581	340 718,709	17,919	17,455
1							51	43	93 609	18 320,041	321 704,128	17,560	17,097
2							52	44	93 062	17 639,555	303 384,088	17,199	16,735
3							53	45	92 468	16 975,241	285 744,532	16,833	16,369
4							54	46	91 813	16 324,474	268 769,291	16,464	16,001
5							55	47	91 083	15 684,949	252 444,816	16,095	15,631
6							56	48	90 297	15 060,255	236 759,868	15,721	15,257
7							57	49	89 459	14 450,723	221 699,612	15,342	14,878
8	0	99 478	77 020,697	2 126 493,474	27,609	27,146	58	50	88 561	13 855,341	207 248,889	14,958	14,494
9	1	99 150	74 350,488	2 049 472,777	27,565	27,101	59	51	87 572	13 269,481	193 393,548	14,574	14,111
10	2	99 114	71 983,503	1 975 122,289	27,439	26,975	60	52	86 516	12 696,751	180 124,067	14,187	13,723
11	3	99 089	69 700,206	1 903 138,786	27,305	26,841	61	53	85 361	12 132,996	167 427,316	13,799	13,336
12	4	99 065	67 490,011	1 833 438,580	27,166	26,702	62	54	84 145	11 583,666	155 294,320	13,406	12,943
13	5	99 043	65 350,960	1 765 948,569	27,023	26,559	63	55	82 846	11 045,814	143 710,653	13,010	12,547
14	6	99 025	63 282,641	1 700 597,609	26,873	26,409	64	56	81 464	10 519,638	132 664,839	12,611	12,148
15	7	99 001	61 275,672	1 637 314,968	26,720	26,257	65	57	79 988	10 003,987	122 145,201	12,210	11,746
16	8	98 973	59 330,087	1 576 039,296	26,564	26,100	66	58	78 417	9 498,717	112 141,214	11,806	11,342
17	9	98 937	57 441,947	1 516 709,208	26,404	25,941	67	59	76 758	9 005,116	102 642,496	11,398	10,935
18	10	98 897	55 611,321	1 459 267,261	26,240	25,777	68	60	75 014	8 523,505	93 637,380	10,986	10,522
19	11	98 834	53 826,574	1 403 655,940	26,077	25,614	69	61	73 138	8 048,726	85 113,875	10,575	10,111
20	12	98 773	52 099,709	1 349 829,366	25,909	25,445	70	62	71 150	7 583,500	77 065,149	10,162	9,699
21	13	98 706	50 425,756	1 297 729,657	25,735	25,272	71	63	69 036	7 126,538	69 481,650	9,750	9,286
22	14	98 641	48 806,162	1 247 303,901	25,556	25,093	72	64	66 804	6 679,067	62 355,111	9,336	8,872
23	15	98 573	47 237,446	1 198 497,738	25,372	24,908	73	65	64 394	6 235,450	55 676,045	8,929	8,465
24	16	98 505	45 719,157	1 151 260,293	25,181	24,718	74	66	61 847	5 800,313	49 440,595	8,524	8,060
25	17	98 433	44 247,430	1 105 541,136	24,985	24,522	75	67	59 124	5 370,454	43 640,282	8,126	7,662
26	18	98 357	42 821,737	1 061 293,706	24,784	24,320	76	68	56 264	4 949,760	38 269,829	7,732	7,268
27	19	98 276	41 439,455	1 018 471,968	24,577	24,114	77	69	53 252	4 537,361	33 320,069	7,343	6,880
28	20	98 192	40 101,037	977 032,513	24,364	23,901	78	70	50 051	4 130,337	28 782,707	6,969	6,505
29	21	98 111	38 806,519	936 931,477	24,144	23,680	79	71	46 701	3 732,630	24 652,371	6,605	6,141
30	22	98 026	37 552,707	898 124,958	23,916	23,453	80	72	43 287	3 350,806	20 919,741	6,243	5,780
31	23	97 939	36 338,148	860 572,250	23,682	23,219	81	73	39 723	2 978,149	17 568,935	5,899	5,436
32	24	97 844	35 160,246	824 234,103	23,442	22,979	82	74	36 112	2 622,207	14 590,786	5,564	5,101
33	25	97 749	34 020,347	789 073,857	23,194	22,731	83	75	32 498	2 285,512	11 968,579	5,237	4,773
34	26	97 656	32 918,222	755 053,510	22,937	22,474	84	76	28 905	1 968,827	9 683,067	4,918	4,455
35	27	97 551	31 847,785	722 135,287	22,675	22,211	85	77	25 347	1 672,148	7 714,240	4,613	4,150
36	28	97 441	30 810,660	690 287,502	22,404	21,941	86	78	21 837	1 395,233	6 042,092	4,331	3,867
37	29	97 327	29 805,869	659 476,842	22,126	21,662	87	79	18 459	1 142,253	4 646,859	4,068	3,605
38	30	97 204	28 831,159	629 670,974	21,840	21,376	88	80	15 245	913,687	3 504,607	3,836	3,372
39	31	97 073	27 885,922	600 839,815	21,546	21,083	89	81	12 384	718,850	2 590,919	3,604	3,141
40	32	96 927	26 967,658	572 953,893	21,246	20,782	90	82	9 836	553,011	1 872,069	3,385	2,922
41	33	96 762	26 074,153	545 986,235	20,940	20,476	91	83	7 702	419,360	1 319,058	3,145	2,682
42	34	96 583	25 206,783	519 912,082	20,626	20,162	92	84	5 803	306,020	899,698	2,940	2,476
43	35	96 388	24 364,088	494 705,300	20,305	19,841	93	85	4 206	214,836	593,678	2,763	2,300
44	36	96 162	23 541,764	470 341,211	19,979	19,515	94	86	2 946	145,752	378,842	2,599	2,136
45	37	95 912	22 741,608	446 799,448	19,647	19,183	95	87	1 988	95,268	233,090	2,447	1,983
46	38	95 631	21 961,104	424 057,840	19,309	18,846	96	88	1 281	59,457	137,821	2,318	1,854
47	39	95 311	21 198,742	402 096,736	18,968	18,504	97	89	793	35,662	78,365	2,197	1,734
48	40	94 949	20 453,565	380 897,995	18,623	18,159	98	90	470	20,443	42,703	2,089	1,625
49	41	94 547	19 725,721	360 444,430	18,273	17,809	99	91	267	11,259	22,261	1,977	1,513
							100	92	143	5,833	11,001	1,886	1,422

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	19 030,394	342 334,097	17,989	17,525
1							51	42	93 698	18 337,387	323 303,702	17,631	17,167
2							52	43	93 160	17 658,194	304 966,315	17,271	16,807
3							53	44	92 572	16 994,459	287 308,121	16,906	16,442
4							54	45	91 937	16 346,584	270 313,662	16,536	16,073
5							55	46	91 224	15 709,312	253 967,077	16,167	15,703
6							56	47	90 454	15 086,437	238 257,765	15,793	15,329
7							57	48	89 625	14 477,549	223 171,328	15,415	14,951
8							58	49	88 746	13 884,388	208 693,779	15,031	14,567
9	0	99 469	74 589,145	2 051 657,870	27,506	27,042	59	50	87 778	13 300,557	194 809,391	14,647	14,183
10	1	99 142	72 003,976	1 977 068,725	27,458	26,994	60	51	86 732	12 728,455	181 508,834	14,260	13,796
11	2	99 105	69 711,445	1 905 064,749	27,328	26,864	61	52	85 599	12 166,708	168 780,378	13,872	13,409
12	3	99 079	67 499,689	1 835 353,304	27,191	26,727	62	53	84 402	11 618,979	156 613,670	13,479	13,016
13	4	99 055	65 358,793	1 767 853,614	27,048	26,585	63	54	83 111	11 081,120	144 994,691	13,085	12,621
14	5	99 034	63 288,366	1 702 494,822	26,901	26,437	64	55	81 758	10 557,620	133 913,571	12,684	12,220
15	6	99 009	61 280,586	1 639 206,455	26,749	26,286	65	56	80 293	10 042,075	123 355,951	12,284	11,820
16	7	98 981	59 335,044	1 577 925,870	26,593	26,130	66	57	78 742	9 538,074	113 313,876	11,880	11,417
17	8	98 943	57 445,515	1 518 590,825	26,435	25,972	67	58	77 110	9 046,364	103 775,802	11,472	11,008
18	9	98 904	55 614,851	1 461 145,310	26,273	25,809	68	59	75 374	8 564,429	94 729,437	11,061	10,597
19	10	98 842	53 830,911	1 405 530,459	26,110	25,646	69	60	73 540	8 092,977	86 165,008	10,647	10,183
20	11	98 780	52 103,847	1 351 699,548	25,942	25,479	70	61	71 557	7 626,862	78 072,031	10,236	9,773
21	12	98 714	50 429,622	1 299 595,701	25,770	25,307	71	62	69 471	7 171,538	70 445,169	9,823	9,359
22	13	98 650	48 810,964	1 249 166,079	25,592	25,128	72	63	67 252	6 723,906	63 273,631	9,410	8,947
23	14	98 585	47 243,294	1 200 355,115	25,408	24,944	73	64	64 860	6 280,644	56 549,725	9,004	8,540
24	15	98 519	45 725,355	1 153 111,821	25,218	24,755	74	65	62 329	5 845,572	50 269,081	8,600	8,136
25	16	98 449	44 254,545	1 107 386,465	25,023	24,559	75	66	59 614	5 414,964	44 423,510	8,204	7,740
26	17	98 374	42 829,256	1 063 131,921	24,823	24,359	76	67	56 776	4 994,811	39 008,546	7,810	7,346
27	18	98 297	41 448,509	1 020 302,665	24,616	24,153	77	68	53 779	4 582,245	34 013,735	7,423	6,959
28	19	98 213	40 109,663	978 854,156	24,404	23,941	78	69	50 606	4 176,139	29 431,490	7,048	6,584
29	20	98 131	38 814,709	938 744,494	24,185	23,722	79	70	47 266	3 777,767	25 255,351	6,685	6,222
30	21	98 048	37 560,826	899 929,785	23,959	23,496	80	71	43 872	3 396,120	21 477,583	6,324	5,861
31	22	97 961	36 346,500	862 368,959	23,726	23,263	81	72	40 347	3 024,961	18 081,463	5,977	5,514
32	23	97 866	35 168,245	826 022,459	23,488	23,024	82	73	36 749	2 668,466	15 056,502	5,642	5,179
33	24	97 771	34 028,084	790 854,215	23,241	22,778	83	74	33 139	2 330,548	12 388,036	5,316	4,852
34	25	97 678	32 925,560	756 826,131	22,986	22,522	84	75	29 564	2 013,695	10 057,489	4,995	4,531
35	26	97 577	31 856,296	723 900,571	22,724	22,260	85	76	26 006	1 715,635	8 043,794	4,689	4,225
36	27	97 466	30 818,615	692 044,275	22,455	21,992	86	77	22 488	1 436,836	6 328,159	4,404	3,941
37	28	97 352	29 813,612	661 225,660	22,179	21,715	87	78	19 094	1 181,549	4 891,324	4,140	3,676
38	29	97 231	28 839,158	631 412,048	21,894	21,431	88	79	15 840	949,336	3 709,775	3,908	3,444
39	30	97 099	27 893,577	602 572,890	21,603	21,139	89	80	12 945	751,443	2 760,439	3,674	3,210
40	31	96 959	26 976,453	574 679,313	21,303	20,839	90	81	10 349	581,808	2 008,996	3,453	2,989
41	32	96 795	26 083,187	547 702,861	20,998	20,535	91	82	8 166	444,646	1 427,188	3,210	2,746
42	33	96 618	25 215,906	521 619,674	20,686	20,223	92	83	6 206	327,280	982,542	3,002	2,539
43	34	96 427	24 373,980	496 403,768	20,366	19,903	93	84	4 542	232,000	655,262	2,824	2,361
44	35	96 203	23 551,800	472 029,789	20,042	19,579	94	85	3 221	159,344	423,262	2,656	2,193
45	36	95 957	22 752,218	448 477,988	19,711	19,248	95	86	2 201	105,461	263,918	2,503	2,039
46	37	95 681	21 972,676	425 725,771	19,375	18,912	96	87	1 447	67,157	158,457	2,360	1,896
47	38	95 367	21 211,247	403 753,094	19,035	18,571	97	88	907	40,778	91,300	2,239	1,775
48	39	95 016	20 467,959	382 541,847	18,690	18,226	98	89	546	23,764	50,523	2,126	1,662
49	40	94 614	19 739,791	362 073,888	18,342	17,879	99	90	314	13,218	26,759	2,024	1,561
							100	91	173	7,055	13,541	1,919	1,456

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	19 043,969	343 813,346	18,054	17,590
1							51	41	93 776	18 352,638	324 769,377	17,696	17,232
2							52	42	93 248	17 674,914	306 416,739	17,336	16,873
3							53	43	92 670	17 012,417	288 741,825	16,972	16,509
4							54	44	92 041	16 365,090	271 729,409	16,604	16,141
5							55	45	91 348	15 730,589	255 364,318	16,234	15,770
6							56	46	90 595	15 109,871	239 633,729	15,859	15,396
7							57	47	89 781	14 502,717	224 523,858	15,482	15,018
8							58	48	88 911	13 910,163	210 021,141	15,098	14,635
9							59	49	87 962	13 328,441	196 110,978	14,714	14,250
10	0	99 460	72 235,101	1 979 085,761	27,398	26,934	60	50	86 935	12 758,265	182 782,537	14,327	13,863
11	1	99 133	69 731,272	1 906 850,660	27,346	26,882	61	51	85 812	12 197,089	170 024,272	13,940	13,476
12	2	99 095	67 510,573	1 837 119,388	27,212	26,749	62	52	84 636	11 651,262	157 827,183	13,546	13,082
13	3	99 069	65 368,166	1 769 608,815	27,071	26,608	63	53	83 364	11 114,900	146 175,921	13,151	12,688
14	4	99 046	63 295,952	1 704 240,649	26,925	26,461	64	54	82 019	10 591,366	135 061,021	12,752	12,288
15	5	99 018	61 286,130	1 640 944,697	26,775	26,312	65	55	80 583	10 078,333	124 469,655	12,350	11,887
16	6	98 989	59 339,802	1 579 658,568	26,621	26,157	66	56	79 041	9 574,389	114 391,322	11,948	11,484
17	7	98 952	57 450,315	1 520 318,766	26,463	26,000	67	57	77 429	9 083,847	104 816,934	11,539	11,075
18	8	98 910	55 618,306	1 462 868,451	26,302	25,838	68	58	75 719	8 603,659	95 733,087	11,127	10,663
19	9	98 849	53 834,329	1 407 250,145	26,140	25,677	69	59	73 893	8 131,834	87 129,428	10,715	10,251
20	10	98 788	52 108,045	1 353 415,816	25,973	25,510	70	60	71 950	7 668,794	78 997,594	10,301	9,838
21	11	98 721	50 433,628	1 301 307,771	25,802	25,339	71	61	69 869	7 212,545	71 328,800	9,890	9,426
22	12	98 658	48 814,706	1 250 874,144	25,625	25,161	72	62	67 677	6 766,364	64 116,256	9,476	9,012
23	13	98 595	47 247,942	1 202 059,438	25,442	24,978	73	63	65 296	6 322,808	57 349,892	9,070	8,607
24	14	98 531	45 731,017	1 154 811,496	25,252	24,789	74	64	62 781	5 887,940	51 027,084	8,666	8,203
25	15	98 462	44 260,545	1 109 080,479	25,058	24,594	75	65	60 079	5 457,216	45 139,144	8,271	7,808
26	16	98 390	42 836,142	1 064 819,935	24,858	24,394	76	66	57 246	5 036,208	39 681,928	7,879	7,416
27	17	98 314	41 455,786	1 021 983,793	24,652	24,189	77	67	54 269	4 623,951	34 645,720	7,493	7,029
28	18	98 235	40 118,426	980 528,007	24,441	23,977	78	68	51 106	4 217,450	30 021,769	7,118	6,655
29	19	98 153	38 823,058	940 409,581	24,223	23,759	79	69	47 790	3 819,660	25 804,319	6,756	6,292
30	20	98 068	37 568,753	901 586,523	23,998	23,535	80	70	44 403	3 437,188	21 984,659	6,396	5,932
31	21	97 982	36 354,358	864 017,771	23,767	23,303	81	71	40 893	3 065,869	18 547,471	6,050	5,586
32	22	97 889	35 176,328	827 663,413	23,529	23,065	82	72	37 327	2 710,410	15 481,602	5,712	5,248
33	23	97 793	34 035,825	792 487,085	23,284	22,820	83	73	33 723	2 371,661	12 771,192	5,385	4,921
34	24	97 700	32 933,047	758 451,260	23,030	22,566	84	74	30 146	2 053,374	10 399,531	5,065	4,601
35	25	97 599	31 863,396	725 518,213	22,770	22,306	85	75	26 599	1 754,732	8 346,157	4,756	4,293
36	26	97 493	30 826,851	693 654,816	22,502	22,038	86	76	23 073	1 474,203	6 591,424	4,471	4,008
37	27	97 378	29 821,310	662 827,965	22,227	21,763	87	77	19 663	1 216,780	5 117,221	4,206	3,742
38	28	97 256	28 846,650	633 006,655	21,944	21,480	88	78	16 385	981,995	3 900,441	3,972	3,508
39	29	97 126	27 901,316	604 160,005	21,653	21,190	89	79	13 450	780,761	2 918,447	3,738	3,274
40	30	96 985	26 983,858	576 258,690	21,356	20,892	90	80	10 818	608,187	2 137,686	3,515	3,051
41	31	96 827	26 091,693	549 274,831	21,052	20,588	91	81	8 591	467,800	1 529,498	3,270	2,806
42	32	96 651	25 224,642	523 183,138	20,741	20,277	92	82	6 580	347,014	1 061,698	3,060	2,596
43	33	96 462	24 382,801	497 958,496	20,423	19,959	93	83	4 858	248,118	714,684	2,880	2,417
44	34	96 242	23 561,362	473 575,695	20,100	19,636	94	84	3 478	172,075	466,566	2,711	2,248
45	35	95 998	22 761,918	450 014,333	19,770	19,307	95	85	2 406	115,295	294,492	2,554	2,091
46	36	95 726	21 982,927	427 252,415	19,436	18,972	96	86	1 602	74,342	179,196	2,410	1,947
47	37	95 417	21 222,425	405 269,488	19,096	18,633	97	87	1 025	46,059	104,855	2,277	1,813
48	38	95 072	20 480,034	384 047,063	18,752	18,289	98	88	624	27,173	58,796	2,164	1,700
49	39	94 681	19 753,683	363 567,029	18,405	17,941	99	89	364	15,366	31,623	2,058	1,594
							100	90	203	8,282	16,257	1,963	1,499



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	19 057,371	345 168,423	18,112	17,648
1							51	40	93 843	18 365,729	326 111,052	17,756	17,293
2							52	41	93 326	17 689,614	307 745,324	17,397	16,933
3							53	42	92 758	17 028,525	290 055,710	17,034	16,570
4							54	43	92 138	16 382,383	273 027,185	16,666	16,202
5							55	44	91 451	15 748,398	256 644,803	16,297	15,833
6							56	45	90 718	15 130,336	240 896,405	15,921	15,458
7							57	46	89 920	14 525,245	225 766,069	15,543	15,079
8							58	47	89 066	13 934,345	211 240,824	15,160	14,696
9							59	48	88 125	13 353,184	197 306,479	14,776	14,312
10							60	49	87 117	12 785,012	183 953,295	14,388	13,925
11	0	99 451	69 955,101	1 908 712,812	27,285	26,821	61	50	86 013	12 225,654	171 168,283	14,001	13,537
12	1	99 123	67 529,774	1 838 757,711	27,229	26,765	62	51	84 848	11 680,356	158 942,630	13,608	13,144
13	2	99 085	65 378,706	1 771 227,937	27,092	26,628	63	52	83 596	11 145,784	147 262,274	13,212	12,749
14	3	99 060	63 305,029	1 705 849,231	26,947	26,483	64	53	82 269	10 623,653	136 116,491	12,813	12,349
15	4	99 030	61 293,476	1 642 544,202	26,798	26,334	65	54	80 840	10 110,546	125 492,838	12,412	11,948
16	5	98 998	59 345,170	1 581 250,727	26,645	26,181	66	55	79 327	9 608,957	115 382,292	12,008	11,544
17	6	98 960	57 454,921	1 521 905,556	26,489	26,025	67	56	77 724	9 118,432	105 773,334	11,600	11,136
18	7	98 918	55 622,953	1 464 450,635	26,328	25,865	68	57	76 033	8 639,307	96 654,902	11,188	10,724
19	8	98 855	53 837,673	1 408 827,682	26,168	25,704	69	58	74 231	8 169,082	88 015,595	10,774	10,311
20	9	98 795	52 111,353	1 354 990,010	26,002	25,538	70	59	72 296	7 705,614	79 846,513	10,362	9,898
21	10	98 729	50 437,691	1 302 878,657	25,831	25,368	71	60	70 253	7 252,199	72 140,899	9,947	9,484
22	11	98 666	48 818,583	1 252 440,966	25,655	25,191	72	61	68 064	6 805,054	64 888,700	9,535	9,072
23	12	98 602	47 251,564	1 203 622,383	25,473	25,009	73	62	65 708	6 362,733	58 083,647	9,129	8,665
24	13	98 541	45 735,516	1 156 370,819	25,284	24,820	74	63	63 202	5 927,468	51 720,914	8,726	8,262
25	14	98 474	44 266,025	1 110 635,303	25,090	24,626	75	64	60 515	5 496,769	45 793,446	8,331	7,867
26	15	98 404	42 841,950	1 066 369,278	24,891	24,427	76	65	57 693	5 075,505	40 296,676	7,939	7,476
27	16	98 330	41 462,451	1 023 527,329	24,686	24,222	77	66	54 718	4 662,274	35 221,172	7,555	7,091
28	17	98 252	40 125,469	982 064,877	24,475	24,011	78	67	51 571	4 255,836	30 558,898	7,180	6,717
29	18	98 174	38 831,540	941 939,408	24,257	23,793	79	68	48 263	3 857,444	26 303,062	6,819	6,355
30	19	98 089	37 576,834	903 107,868	24,034	23,570	80	69	44 895	3 475,304	22 445,618	6,459	5,995
31	20	98 003	36 362,030	865 531,034	23,803	23,340	81	70	41 387	3 102,944	18 970,313	6,114	5,650
32	21	97 910	35 183,933	829 169,005	23,567	23,103	82	71	37 832	2 747,064	15 867,370	5,776	5,312
33	22	97 816	34 043,648	793 985,071	23,323	22,859	83	72	34 253	2 408,940	13 120,306	5,447	4,983
34	23	97 722	32 940,539	759 941,423	23,070	22,606	84	73	30 678	2 089,598	10 711,366	5,126	4,662
35	24	97 621	31 870,642	727 000,884	22,811	22,347	85	74	27 123	1 789,309	8 621,768	4,818	4,355
36	25	97 514	30 833,722	695 130,241	22,544	22,081	86	75	23 599	1 507,799	6 832,458	4,531	4,068
37	26	97 404	29 829,279	664 296,519	22,270	21,806	87	76	20 174	1 248,424	5 324,660	4,265	3,801
38	27	97 281	28 854,098	634 467,240	21,989	21,525	88	77	16 873	1 011,276	4 076,236	4,031	3,567
39	28	97 152	27 908,564	605 613,142	21,700	21,236	89	78	13 913	807,621	3 064,960	3,795	3,331
40	29	97 012	26 991,344	577 704,577	21,403	20,940	90	79	11 240	631,916	2 257,339	3,572	3,109
41	30	96 853	26 098,856	550 713,233	21,101	20,637	91	80	8 981	489,010	1 625,423	3,324	2,860
42	31	96 683	25 232,868	524 614,377	20,791	20,327	92	81	6 923	365,084	1 136,413	3,113	2,649
43	32	96 495	24 391,249	499 381,508	20,474	20,010	93	82	5 151	263,078	771,329	2,932	2,468
44	33	96 276	23 569,889	474 990,259	20,152	19,689	94	83	3 720	184,029	508,250	2,762	2,298
45	34	96 037	22 771,159	451 420,370	19,824	19,361	95	84	2 599	124,507	324,221	2,604	2,140
46	35	95 766	21 992,300	428 649,211	19,491	19,027	96	85	1 751	81,274	199,714	2,457	1,994
47	36	95 462	21 232,326	406 656,912	19,153	18,689	97	86	1 134	50,987	118,440	2,323	1,859
48	37	95 122	20 490,826	385 424,586	18,810	18,346	98	87	705	30,692	67,453	2,198	1,734
49	38	94 736	19 765,336	364 933,760	18,463	18,000	99	88	417	17,570	36,761	2,092	1,629
							100	89	236	9,628	19,191	1,993	1,530

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	19 068,614	346 408,495	18,166	17,703
1							51	39	93 909	18 378,653	327 339,882	17,811	17,347
2							52	40	93 392	17 702,232	308 961,228	17,453	16,990
3							53	41	92 835	17 042,687	291 258,997	17,090	16,626
4							54	42	92 226	16 397,894	274 216,310	16,723	16,259
5							55	43	91 548	15 765,039	257 818,416	16,354	15,890
6							56	44	90 820	15 147,465	242 053,377	15,980	15,516
7							57	45	90 042	14 544,918	226 905,912	15,600	15,137
8							58	46	89 204	13 955,990	212 360,995	15,216	14,753
9							59	47	88 278	13 376,398	198 405,005	14,832	14,369
10							60	48	87 279	12 808,746	185 028,607	14,445	13,982
11							61	49	86 194	12 251,284	172 219,861	14,057	13,594
12	0	99 442	67 746,537	1 840 477,303	27,167	26,703	62	50	85 046	11 707,710	159 968,577	13,664	13,200
13	1	99 113	65 397,300	1 772 730,766	27,107	26,643	63	51	83 805	11 173,615	148 260,867	13,269	12,805
14	2	99 076	63 315,237	1 707 333,466	26,966	26,502	64	52	82 498	10 653,171	137 087,252	12,868	12,405
15	3	99 044	61 302,265	1 644 018,229	26,818	26,355	65	53	81 087	10 141,368	126 434,081	12,467	12,004
16	4	99 010	59 352,284	1 582 715,964	26,666	26,203	66	54	79 580	9 639,671	116 292,714	12,064	11,600
17	5	98 969	57 460,119	1 523 363,680	26,512	26,048	67	55	78 004	9 151,354	106 653,043	11,654	11,191
18	6	98 926	55 627,413	1 465 903,561	26,352	25,889	68	56	76 323	8 672,200	97 501,689	11,243	10,779
19	7	98 863	53 842,171	1 410 276,148	26,193	25,729	69	57	74 539	8 202,929	88 829,489	10,829	10,365
20	8	98 801	52 114,590	1 356 433,977	26,028	25,564	70	58	72 627	7 740,910	80 626,559	10,416	9,952
21	9	98 736	50 440,893	1 304 319,387	25,858	25,395	71	59	70 590	7 287,019	72 885,650	10,002	9,538
22	10	98 674	48 822,516	1 253 878,494	25,682	25,219	72	60	68 438	6 842,467	65 598,631	9,587	9,123
23	11	98 610	47 255,317	1 205 055,978	25,501	25,037	73	61	66 084	6 399,115	58 756,163	9,182	8,718
24	12	98 548	45 739,022	1 157 800,661	25,313	24,850	74	62	63 602	5 964,897	52 357,048	8,778	8,314
25	13	98 484	44 270,379	1 112 061,639	25,120	24,656	75	63	60 921	5 533,671	46 392,152	8,384	7,920
26	14	98 416	42 847,254	1 067 791,260	24,921	24,457	76	64	58 111	5 112,292	40 858,480	7,992	7,529
27	15	98 343	41 468,073	1 024 944,006	24,716	24,253	77	65	55 145	4 698,653	35 746,189	7,608	7,144
28	16	98 268	40 131,921	983 475,933	24,506	24,042	78	66	51 999	4 291,108	31 047,536	7,235	6,772
29	17	98 191	38 838,357	943 344,012	24,289	23,825	79	67	48 702	3 892,554	26 756,428	6,874	6,410
30	18	98 111	37 585,044	904 505,654	24,066	23,602	80	68	45 339	3 509,682	22 863,874	6,515	6,051
31	19	98 024	36 369,851	866 920,610	23,836	23,373	81	69	41 846	3 137,353	19 354,192	6,169	5,705
32	20	97 930	35 191,358	830 550,759	23,601	23,137	82	70	38 289	2 780,283	16 216,839	5,833	5,369
33	21	97 837	34 051,009	795 359,401	23,358	22,894	83	71	34 716	2 441,517	13 436,556	5,503	5,040
34	22	97 745	32 948,111	761 308,393	23,106	22,643	84	72	31 160	2 122,443	10 995,039	5,180	4,717
35	23	97 643	31 877,893	728 360,282	22,848	22,385	85	73	27 602	1 820,875	8 872,595	4,873	4,409
36	24	97 536	30 840,734	696 482,389	22,583	22,120	86	74	24 064	1 537,510	7 051,721	4,586	4,123
37	25	97 425	29 835,928	665 641,655	22,310	21,846	87	75	20 634	1 276,874	5 514,211	4,319	3,855
38	26	97 307	28 861,809	635 805,727	22,029	21,566	88	76	17 312	1 037,576	4 237,336	4,084	3,620
39	27	97 177	27 915,770	606 943,918	21,742	21,278	89	77	14 328	831,702	3 199,761	3,847	3,384
40	28	97 038	26 998,357	579 028,148	21,447	20,983	90	78	11 627	653,655	2 368,058	3,623	3,159
41	29	96 880	26 106,097	552 029,791	21,146	20,682	91	79	9 331	508,089	1 714,403	3,374	2,911
42	30	96 709	25 239,795	525 923,694	20,837	20,373	92	80	7 237	381,637	1 206,314	3,161	2,697
43	31	96 527	24 399,204	500 683,899	20,521	20,057	93	81	5 419	276,778	824,677	2,980	2,516
44	32	96 310	23 578,055	476 284,695	20,200	19,737	94	82	3 944	195,125	547,899	2,808	2,344
45	33	96 072	22 779,400	452 706,640	19,874	19,410	95	83	2 779	133,157	352,774	2,649	2,186
46	34	95 805	22 001,228	429 927,240	19,541	19,077	96	84	1 891	87,768	219,617	2,502	2,039
47	35	95 503	21 241,378	407 926,012	19,204	18,741	97	85	1 240	55,741	131,849	2,365	1,902
48	36	95 167	20 500,386	386 684,633	18,862	18,399	98	86	781	33,976	76,108	2,240	1,776
49	37	94 786	19 775,752	366 184,248	18,517	18,053	99	87	471	19,846	42,132	2,123	1,659
							100	88	270	11,009	22,286	2,024	1,561

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	19 078,662	347 542,946	18,216	17,753
1							51	38	93 964	18 389,495	328 464,284	17,862	17,398
2							52	39	93 458	17 714,690	310 074,788	17,504	17,040
3							53	40	92 901	17 054,843	292 360,099	17,142	16,679
4							54	41	92 302	16 411,532	275 305,255	16,775	16,311
5							55	42	91 635	15 779,966	258 893,723	16,406	15,943
6							56	43	90 916	15 163,470	243 113,758	16,033	15,569
7							57	44	90 144	14 561,384	227 950,287	15,654	15,191
8							58	45	89 325	13 974,892	213 388,903	15,269	14,806
9							59	46	88 415	13 397,176	199 414,011	14,885	14,421
10							60	47	87 431	12 831,013	186 016,836	14,497	14,034
11							61	48	86 354	12 274,027	173 185,823	14,110	13,646
12							62	49	85 225	11 732,255	160 911,796	13,715	13,252
13	0	99 431	65 607,218	1 774 319,264	27,045	26,581	63	50	84 001	11 199,783	149 179,541	13,320	12,856
14	1	99 104	63 333,244	1 708 712,046	26,980	26,516	64	51	82 704	10 679,772	137 979,758	12,920	12,456
15	2	99 060	61 312,150	1 645 378,802	26,836	26,372	65	52	81 312	10 169,546	127 299,986	12,518	12,054
16	3	99 024	59 360,795	1 584 066,652	26,685	26,222	66	53	79 823	9 669,057	117 130,440	12,114	11,650
17	4	98 980	57 467,007	1 524 705,857	26,532	26,068	67	54	78 254	9 180,605	107 461,383	11,705	11,242
18	5	98 935	55 632,445	1 467 238,850	26,374	25,910	68	55	76 598	8 703,511	98 280,778	11,292	10,828
19	6	98 871	53 846,488	1 411 606,405	26,215	25,752	69	56	74 823	8 234,161	89 577,267	10,879	10,415
20	7	98 809	52 118,944	1 357 759,917	26,051	25,588	70	57	72 928	7 772,983	81 343,107	10,465	10,001
21	8	98 742	50 444,026	1 305 640,973	25,883	25,419	71	58	70 914	7 320,397	73 570,123	10,050	9,586
22	9	98 680	48 825,616	1 255 196,947	25,708	25,244	72	59	68 767	6 875,320	66 249,726	9,636	9,172
23	10	98 618	47 259,124	1 206 371,331	25,527	25,063	73	60	66 447	6 434,297	59 374,406	9,228	8,764
24	11	98 556	45 742,655	1 159 112,207	25,340	24,876	74	61	63 965	5 999,004	52 940,109	8,825	8,361
25	12	98 491	44 273,773	1 113 369,552	25,147	24,684	75	62	61 306	5 568,613	46 941,105	8,430	7,966
26	13	98 425	42 851,469	1 069 095,779	24,949	24,485	76	63	58 501	5 146,613	41 372,492	8,039	7,575
27	14	98 356	41 473,207	1 026 244,309	24,745	24,281	77	64	55 545	4 732,709	36 225,879	7,654	7,191
28	15	98 281	40 137,362	984 771,102	24,535	24,071	78	65	52 405	4 324,590	31 493,171	7,282	6,819
29	16	98 207	38 844,602	944 633,740	24,318	23,855	79	66	49 106	3 924,815	27 168,580	6,922	6,459
30	17	98 128	37 591,642	905 789,138	24,095	23,632	80	67	45 752	3 541,626	23 243,766	6,563	6,099
31	18	98 046	36 377,798	868 197,496	23,866	23,403	81	68	42 260	3 168,388	19 702,139	6,218	5,755
32	19	97 952	35 198,928	831 819,698	23,632	23,168	82	69	38 714	2 811,115	16 533,751	5,882	5,418
33	20	97 857	34 058,194	796 620,770	23,390	22,926	83	70	35 136	2 471,042	13 722,637	5,553	5,090
34	21	97 766	32 955,234	762 562,576	23,139	22,676	84	71	31 582	2 151,146	11 251,595	5,231	4,767
35	22	97 666	31 885,220	729 607,342	22,882	22,419	85	72	28 036	1 849,496	9 100,449	4,921	4,457
36	23	97 559	30 847,750	697 722,122	22,618	22,155	86	73	24 488	1 564,633	7 250,953	4,634	4,171
37	24	97 447	29 842,713	666 874,372	22,346	21,883	87	74	21 041	1 302,035	5 686,320	4,367	3,904
38	25	97 329	28 868,242	637 031,659	22,067	21,603	88	75	17 706	1 061,221	4 384,285	4,131	3,668
39	26	97 203	27 923,230	608 163,417	21,780	21,316	89	76	14 701	853,332	3 323,064	3,894	3,431
40	27	97 063	27 005,328	580 240,187	21,486	21,023	90	77	11 973	673,146	2 469,731	3,669	3,205
41	28	96 905	26 112,879	553 234,859	21,186	20,723	91	78	9 652	525,569	1 796,586	3,418	2,955
42	29	96 736	25 246,798	527 121,980	20,879	20,415	92	79	7 519	396,527	1 271,017	3,205	2,742
43	30	96 553	24 405,902	501 875,182	20,564	20,100	93	80	5 665	289,327	874,490	3,022	2,559
44	31	96 341	23 585,745	477 469,280	20,244	19,780	94	81	4 150	205,286	585,163	2,850	2,387
45	32	96 105	22 787,292	453 883,535	19,918	19,455	95	82	2 947	141,186	379,877	2,691	2,227
46	33	95 840	22 009,191	431 096,243	19,587	19,123	96	83	2 023	93,865	238,692	2,543	2,079
47	34	95 541	21 250,002	409 087,052	19,251	18,788	97	84	1 339	60,195	144,826	2,406	1,942
48	35	95 207	20 509,126	387 837,050	18,910	18,447	98	85	853	37,144	84,632	2,278	1,815
49	36	94 831	19 784,978	367 327,924	18,566	18,102	99	86	521	21,969	47,487	2,162	1,698
							100	87	305	12,434	25,518	2,052	1,589

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	19 087,563	348 580,423	18,262	17,799
1							51	37	94 014	18 399,186	329 492,860	17,908	17,444
2							52	38	93 513	17 725,140	311 093,674	17,551	17,087
3							53	39	92 966	17 066,846	293 368,534	17,189	16,726
4							54	40	92 368	16 423,238	276 301,688	16,824	16,360
5							55	41	91 711	15 793,089	259 878,450	16,455	15,992
6							56	42	91 002	15 177,828	244 085,361	16,082	15,618
7							57	43	90 239	14 576,771	228 907,533	15,704	15,240
8							58	44	89 426	13 990,713	214 330,762	15,320	14,856
9							59	45	88 535	13 415,321	200 340,050	14,934	14,470
10							60	46	87 567	12 850,944	186 924,729	14,546	14,082
11							61	47	86 504	12 295,365	174 073,785	14,158	13,694
12							62	48	85 383	11 754,035	161 778,420	13,764	13,300
13							63	49	84 177	11 223,262	150 024,385	13,367	12,904
14	0	99 422	63 536,537	1 710 180,073	26,916	26,453	64	50	82 898	10 704,783	138 801,123	12,966	12,503
15	1	99 088	61 329,588	1 646 643,537	26,849	26,385	65	51	81 515	10 194,939	128 096,340	12,565	12,101
16	2	99 040	59 370,367	1 585 313,949	26,702	26,238	66	52	80 045	9 695,923	117 901,400	12,160	11,696
17	3	98 995	57 475,248	1 525 943,582	26,550	26,086	67	53	78 492	9 208,592	108 205,478	11,750	11,287
18	4	98 947	55 639,113	1 468 468,334	26,393	25,929	68	54	76 843	8 731,330	98 996,886	11,338	10,874
19	5	98 880	53 851,359	1 412 829,221	26,236	25,772	69	55	75 093	8 263,890	90 265,556	10,923	10,459
20	6	98 817	52 123,123	1 358 977,862	26,072	25,609	70	56	73 205	7 802,578	82 001,665	10,510	10,046
21	7	98 750	50 448,241	1 306 854,738	25,905	25,441	71	57	71 207	7 350,728	74 199,088	10,094	9,630
22	8	98 686	48 828,649	1 256 406,498	25,731	25,267	72	58	69 082	6 906,813	66 848,359	9,679	9,215
23	9	98 624	47 262,125	1 207 577,849	25,551	25,087	73	59	66 766	6 465,190	59 941,547	9,271	8,808
24	10	98 564	45 746,340	1 160 315,724	25,364	24,900	74	60	64 317	6 031,986	53 476,357	8,865	8,402
25	11	98 499	44 277,290	1 114 569,384	25,172	24,709	75	61	61 656	5 600,454	47 444,371	8,472	8,008
26	12	98 433	42 854,754	1 070 292,094	24,975	24,511	76	62	58 871	5 179,110	41 843,916	8,079	7,616
27	13	98 365	41 477,287	1 027 437,340	24,771	24,307	77	63	55 918	4 764,481	36 664,806	7,695	7,232
28	14	98 293	40 142,332	985 960,053	24,562	24,098	78	64	52 784	4 355,935	31 900,325	7,323	6,860
29	15	98 220	38 849,869	945 817,721	24,345	23,882	79	65	49 489	3 955,439	27 544,390	6,964	6,500
30	16	98 144	37 597,687	906 967,852	24,123	23,659	80	66	46 131	3 570,979	23 588,950	6,606	6,142
31	17	98 063	36 384,184	869 370,166	23,894	23,431	81	67	42 645	3 197,226	20 017,971	6,261	5,797
32	18	97 973	35 206,618	832 985,981	23,660	23,196	82	68	39 097	2 838,922	16 820,746	5,925	5,461
33	19	97 878	34 065,520	797 779,363	23,419	22,955	83	69	35 526	2 498,444	13 981,824	5,596	5,133
34	20	97 786	32 962,189	763 713,843	23,169	22,706	84	70	31 964	2 177,159	11 483,380	5,274	4,811
35	21	97 687	31 892,113	730 751,654	22,913	22,450	85	71	28 415	1 874,507	9 306,220	4,965	4,501
36	22	97 581	30 854,841	698 859,541	22,650	22,186	86	72	24 873	1 589,227	7 431,713	4,676	4,213
37	23	97 470	29 849,502	668 004,700	22,379	21,915	87	73	21 412	1 325,005	5 842,486	4,409	3,946
38	24	97 351	28 874,807	638 155,198	22,101	21,637	88	74	18 055	1 082,132	4 517,482	4,175	3,711
39	25	97 224	27 929,454	609 280,391	21,815	21,351	89	75	15 036	872,779	3 435,350	3,936	3,472
40	26	97 089	27 012,544	581 350,937	21,522	21,058	90	76	12 285	690,652	2 562,571	3,710	3,247
41	27	96 930	26 119,622	554 338,393	21,223	20,759	91	77	9 940	541,240	1 871,918	3,459	2,995
42	28	96 761	25 253,357	528 218,771	20,917	20,453	92	78	7 778	410,168	1 330,679	3,244	2,781
43	29	96 580	24 412,673	502 965,414	20,603	20,139	93	79	5 886	300,615	920,511	3,062	2,598
44	30	96 368	23 592,220	478 552,742	20,284	19,821	94	80	4 338	214,594	619,895	2,889	2,425
45	31	96 136	22 794,724	454 960,522	19,959	19,495	95	81	3 100	148,538	405,302	2,729	2,265
46	32	95 873	22 016,816	432 165,798	19,629	19,165	96	82	2 145	99,525	256,764	2,580	2,116
47	33	95 576	21 257,693	410 148,982	19,294	18,831	97	83	1 432	64,376	157,239	2,442	1,979
48	34	95 246	20 517,452	388 891,289	18,954	18,491	98	84	922	40,112	92,862	2,315	1,851
49	35	94 871	19 793,413	368 373,837	18,611	18,147	99	85	570	24,017	52,750	2,196	1,733
							100	86	337	13,765	28,733	2,087	1,624

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	19 095,701	349 529,195	18,304	17,840
1							51	36	94 058	18 407,770	330 433,494	17,951	17,487
2							52	37	93 562	17 734,481	312 025,724	17,594	17,131
3							53	38	93 021	17 076,914	294 291,243	17,233	16,770
4							54	39	92 433	16 434,796	277 214,330	16,868	16,404
5							55	40	91 776	15 804,354	260 779,533	16,500	16,037
6							56	41	91 078	15 190,451	244 975,179	16,127	15,663
7							57	42	90 325	14 590,572	229 784,728	15,749	15,285
8							58	43	89 520	14 005,496	215 194,156	15,365	14,901
9							59	44	88 635	13 430,508	201 188,659	14,980	14,516
10							60	45	87 685	12 868,349	187 758,151	14,591	14,127
11							61	46	86 638	12 314,464	174 889,802	14,202	13,738
12							62	47	85 531	11 774,468	162 575,339	13,807	13,344
13							63	48	84 333	11 244,097	150 800,870	13,412	12,948
14							64	49	83 071	10 727,225	139 556,773	13,010	12,546
15	0	99 406	61 526,449	1 648 000,864	26,785	26,322	65	50	81 706	10 218,815	128 829,547	12,607	12,143
16	1	99 068	59 387,252	1 586 474,415	26,714	26,250	66	51	80 245	9 720,133	118 610,732	12,203	11,739
17	2	99 011	57 484,515	1 527 087,163	26,565	26,102	67	52	78 710	9 234,178	108 890,599	11,792	11,329
18	3	98 961	55 647,093	1 469 602,648	26,409	25,946	68	53	77 077	8 757,947	99 656,421	11,379	10,915
19	4	98 892	53 857,814	1 413 955,555	26,253	25,790	69	54	75 333	8 290,304	90 898,473	10,964	10,501
20	5	98 826	52 127,839	1 360 097,741	26,092	25,628	70	55	73 470	7 830,749	82 608,169	10,549	10,086
21	6	98 758	50 452,286	1 307 969,902	25,925	25,461	71	56	71 478	7 378,715	74 777,420	10,134	9,671
22	7	98 694	48 832,728	1 257 517,617	25,752	25,288	72	57	69 368	6 935,430	67 398,705	9,718	9,254
23	8	98 631	47 265,061	1 208 684,888	25,572	25,109	73	58	67 072	6 494,804	60 463,275	9,309	8,846
24	9	98 570	45 749,244	1 161 419,828	25,387	24,923	74	59	64 626	6 060,947	53 968,471	8,904	8,441
25	10	98 507	44 280,857	1 115 670,583	25,195	24,732	75	60	61 995	5 631,245	47 907,523	8,507	8,044
26	11	98 441	42 858,158	1 071 389,726	24,999	24,535	76	61	59 207	5 208,724	42 276,278	8,116	7,653
27	12	98 373	41 480,467	1 028 531,568	24,796	24,332	77	62	56 271	4 794,566	37 067,554	7,731	7,268
28	13	98 303	40 146,281	987 051,101	24,586	24,123	78	63	53 139	4 385,178	32 272,987	7,360	6,896
29	14	98 232	38 854,679	946 904,820	24,370	23,907	79	64	49 848	3 984,108	27 887,809	7,000	6,536
30	15	98 157	37 602,784	908 050,142	24,148	23,685	80	65	46 491	3 598,843	23 903,701	6,642	6,178
31	16	98 079	36 390,034	870 447,358	23,920	23,456	81	66	42 998	3 223,724	20 304,858	6,299	5,835
32	17	97 990	35 212,799	834 057,323	23,686	23,223	82	67	39 452	2 864,761	17 081,134	5,962	5,499
33	18	97 900	34 072,963	798 844,524	23,445	22,981	83	68	35 877	2 523,158	14 216,373	5,634	5,171
34	19	97 807	32 969,279	764 771,561	23,196	22,733	84	69	32 318	2 201,302	11 693,215	5,312	4,848
35	20	97 707	31 898,844	731 802,282	22,941	22,478	85	70	28 758	1 897,175	9 491,912	5,003	4,540
36	21	97 602	30 861,511	699 903,438	22,679	22,215	86	71	25 210	1 610,719	7 594,737	4,715	4,251
37	22	97 492	29 856,363	669 041,927	22,409	21,945	87	72	21 748	1 345,832	5 984,018	4,446	3,983
38	23	97 373	28 881,376	639 185,564	22,131	21,668	88	73	18 374	1 101,222	4 638,187	4,212	3,748
39	24	97 246	27 935,805	610 304,188	21,847	21,383	89	74	15 332	889,977	3 536,965	3,974	3,511
40	25	97 110	27 018,565	582 368,382	21,554	21,091	90	75	12 565	706,392	2 646,988	3,747	3,284
41	26	96 956	26 126,601	555 349,817	21,256	20,792	91	76	10 198	555,316	1 940,596	3,495	3,031
42	27	96 786	25 259,877	529 223,216	20,951	20,488	92	77	8 010	422,398	1 385,280	3,280	2,816
43	28	96 605	24 419,015	503 963,338	20,638	20,175	93	78	6 088	310,957	962,882	3,097	2,633
44	29	96 394	23 598,765	479 544,323	20,321	19,857	94	79	4 507	222,966	651,925	2,924	2,460
45	30	96 163	22 800,982	455 945,558	19,997	19,533	95	80	3 241	155,272	428,959	2,763	2,299
46	31	95 904	22 023,997	433 144,577	19,667	19,203	96	81	2 256	104,708	273,686	2,614	2,150
47	32	95 609	21 265,058	411 120,580	19,333	18,870	97	82	1 519	68,258	168,979	2,476	2,012
48	33	95 280	20 524,878	389 855,522	18,994	18,531	98	83	986	42,899	100,721	2,348	1,884
49	34	94 910	19 801,449	369 330,644	18,652	18,188	99	84	615	25,936	57,822	2,229	1,766
							100	85	369	15,048	31,885	2,119	1,655

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	19 103,453	350 397,164	18,342	17,878
1							51	35	94 098	18 415,618	331 293,711	17,990	17,526
2							52	36	93 606	17 742,754	312 878,093	17,634	17,171
3							53	37	93 070	17 085,913	295 135,338	17,274	16,810
4							54	38	92 488	16 444,491	278 049,425	16,908	16,445
5							55	39	91 841	15 815,477	261 604,934	16,541	16,077
6							56	40	91 143	15 201,286	245 789,457	16,169	15,705
7							57	41	90 400	14 602,707	230 588,171	15,791	15,327
8							58	42	89 605	14 018,757	215 985,464	15,407	14,943
9							59	43	88 729	13 444,700	201 966,706	15,022	14,558
10							60	44	87 784	12 882,917	188 522,007	14,633	14,170
11							61	45	86 755	12 331,142	175 639,090	14,244	13,780
12							62	46	85 664	11 792,758	163 307,947	13,848	13,385
13							63	47	84 480	11 263,644	151 515,189	13,452	12,988
14							64	48	83 226	10 747,140	140 251,545	13,050	12,587
15							65	49	81 877	10 240,239	129 504,405	12,647	12,183
16	0	99 386	59 577,879	1 587 730,032	26,650	26,186	66	50	80 433	9 742,897	119 264,167	12,241	11,778
17	1	99 039	57 500,864	1 528 152,153	26,576	26,113	67	51	78 907	9 257,236	109 521,269	11,831	11,367
18	2	98 977	55 656,065	1 470 651,289	26,424	25,960	68	52	77 291	8 782,282	100 264,034	11,417	10,953
19	3	98 906	53 865,538	1 414 995,224	26,269	25,805	69	53	75 563	8 315,577	91 481,752	11,001	10,538
20	4	98 838	52 134,087	1 361 129,686	26,108	25,645	70	54	73 704	7 855,779	83 166,175	10,587	10,123
21	5	98 767	50 456,850	1 308 995,599	25,943	25,479	71	55	71 737	7 405,356	75 310,390	10,170	9,706
22	6	98 702	48 836,644	1 258 538,749	25,770	25,307	72	56	69 632	6 961,836	67 905,046	9,754	9,290
23	7	98 639	47 269,010	1 209 702,105	25,592	25,128	73	57	67 350	6 521,714	60 943,204	9,345	8,881
24	8	98 576	45 752,086	1 162 433,096	25,407	24,944	74	58	64 922	6 088,710	54 421,490	8,938	8,474
25	9	98 513	44 283,668	1 116 681,009	25,217	24,753	75	59	62 293	5 658,283	48 332,780	8,542	8,078
26	10	98 449	42 861,611	1 072 397,341	25,020	24,556	76	60	59 533	5 237,362	42 674,498	8,148	7,684
27	11	98 381	41 483,762	1 029 535,730	24,818	24,354	77	61	56 593	4 821,981	37 437,136	7,764	7,300
28	12	98 311	40 149,359	988 051,968	24,609	24,146	78	62	53 474	4 412,868	32 615,155	7,391	6,927
29	13	98 242	38 858,501	947 902,610	24,394	23,930	79	63	50 182	4 010,855	28 202,287	7,031	6,568
30	14	98 169	37 607,440	909 044,109	24,172	23,708	80	64	46 828	3 624,927	24 191,432	6,674	6,210
31	15	98 092	36 394,968	871 436,669	23,944	23,480	81	65	43 334	3 248,878	20 566,505	6,330	5,867
32	16	98 006	35 218,461	835 041,701	23,710	23,247	82	66	39 779	2 888,504	17 317,627	5,995	5,532
33	17	97 917	34 078,945	799 823,240	23,470	23,006	83	67	36 204	2 546,124	14 429,122	5,667	5,203
34	18	97 829	32 976,482	765 744,294	23,221	22,757	84	68	32 638	2 223,078	11 882,999	5,345	4,882
35	19	97 728	31 905,705	732 767,812	22,967	22,503	85	69	29 077	1 918,214	9 659,921	5,036	4,572
36	20	97 623	30 868,024	700 862,107	22,705	22,241	86	70	25 514	1 630,196	7 741,707	4,749	4,285
37	21	97 513	29 862,818	669 994,083	22,436	21,972	87	71	22 042	1 364,032	6 111,511	4,480	4,017
38	22	97 396	28 888,014	640 131,265	22,159	21,695	88	72	18 663	1 118,532	4 747,479	4,244	3,781
39	23	97 269	27 942,161	611 243,251	21,875	21,412	89	73	15 602	905,677	3 628,947	4,007	3,543
40	24	97 132	27 024,709	583 301,090	21,584	21,120	90	74	12 812	720,311	2 723,270	3,781	3,317
41	25	96 978	26 132,425	556 276,380	21,287	20,823	91	75	10 431	567,971	2 002,959	3,527	3,063
42	26	96 812	25 266,627	530 143,955	20,982	20,518	92	76	8 218	433,384	1 434,989	3,311	2,848
43	27	96 630	24 425,320	504 877,328	20,670	20,207	93	77	6 270	320,229	1 001,605	3,128	2,664
44	28	96 419	23 604,896	480 452,008	20,354	19,890	94	78	4 662	230,637	681,376	2,954	2,491
45	29	96 189	22 807,307	456 847,112	20,031	19,567	95	79	3 367	161,330	450,739	2,794	2,330
46	30	95 931	22 030,043	434 039,804	19,702	19,239	96	80	2 359	109,455	289,409	2,644	2,180
47	31	95 640	21 271,993	412 009,762	19,369	18,905	97	81	1 598	71,813	179,954	2,506	2,042
48	32	95 313	20 531,989	390 737,769	19,031	18,567	98	82	1 045	45,486	108,141	2,377	1,914
49	33	94 944	19 808,616	370 205,780	18,689	18,226	99	83	658	27,738	62,656	2,259	1,795
							100	84	398	16,251	34,917	2,149	1,685

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	19 110,367	351 191,060	18,377	17,913
1							51	34	94 136	18 423,094	332 080,692	18,025	17,562
2							52	35	93 646	17 750,319	313 657,598	17,671	17,207
3							53	36	93 114	17 093,884	295 907,279	17,311	16,847
4							54	37	92 536	16 453,157	278 813,395	16,946	16,482
5							55	38	91 895	15 824,807	262 360,238	16,579	16,115
6							56	39	91 207	15 211,984	246 535,431	16,207	15,743
7							57	40	90 464	14 613,123	231 323,447	15,830	15,366
8							58	41	89 680	14 030,416	216 710,324	15,446	14,982
9							59	42	88 813	13 457,430	202 679,908	15,061	14,597
10							60	43	87 877	12 896,530	189 222,478	14,672	14,209
11							61	44	86 854	12 345,102	176 325,948	14,283	13,819
12							62	45	85 780	11 808,730	163 980,845	13,886	13,423
13							63	46	84 611	11 281,141	152 172,115	13,489	13,025
14							64	47	83 370	10 765,823	140 890,975	13,087	12,623
15							65	48	82 029	10 259,249	130 125,152	12,684	12,220
16							66	49	80 601	9 763,323	119 865,903	12,277	11,814
17	0	99 357	57 685,436	1 529 314,283	26,511	26,048	67	50	79 092	9 278,916	110 102,581	11,866	11,402
18	1	99 005	55 671,894	1 471 628,848	26,434	25,970	68	51	77 484	8 804,211	100 823,665	11,452	10,988
19	2	98 922	53 874,223	1 415 956,953	26,283	25,819	69	52	75 772	8 338,682	92 019,454	11,035	10,572
20	3	98 852	52 141,563	1 362 082,730	26,123	25,659	70	53	73 929	7 879,727	83 680,772	10,620	10,156
21	4	98 779	50 462,898	1 309 941,167	25,959	25,495	71	54	71 966	7 429,026	75 801,045	10,203	9,740
22	5	98 711	48 841,062	1 259 478,269	25,787	25,324	72	55	69 883	6 986,971	68 372,019	9,786	9,322
23	6	98 647	47 272,800	1 210 637,207	25,610	25,146	73	56	67 606	6 546,545	61 385,047	9,377	8,913
24	7	98 584	45 755,909	1 163 364,407	25,425	24,962	74	57	65 191	6 113,937	54 838,503	8,969	8,506
25	8	98 519	44 286,419	1 117 608,498	25,236	24,772	75	58	62 578	5 684,201	48 724,565	8,572	8,108
26	9	98 455	42 864,332	1 073 322,079	25,040	24,576	76	59	59 819	5 262,508	42 040,365	8,179	7,715
27	10	98 389	41 487,104	1 030 457,747	24,838	24,374	77	60	56 904	4 848,492	37 777,857	7,792	7,328
28	11	98 318	40 152,547	988 970,643	24,630	24,167	78	61	53 780	4 438,101	32 929,365	7,420	6,956
29	12	98 250	38 861,480	948 818,096	24,415	23,952	79	62	50 499	4 036,181	28 491,264	7,059	6,595
30	13	98 179	37 611,140	909 956,616	24,194	23,730	80	63	47 142	3 649,263	24 455,083	6,701	6,238
31	14	98 104	36 399,474	872 345,476	23,966	23,502	81	64	43 648	3 272,426	20 805,820	6,358	5,894
32	15	98 019	35 223,236	835 946,002	23,733	23,269	82	65	40 090	2 911,043	17 533,394	6,023	5,559
33	16	97 933	34 084,425	800 722,766	23,492	23,029	83	66	36 504	2 567,226	14 622,351	5,696	5,232
34	17	97 846	32 982,272	766 638,341	23,244	22,780	84	67	32 935	2 243,312	12 055,126	5,374	4,910
35	18	97 750	31 912,676	733 656,069	22,989	22,526	85	68	29 365	1 937,189	9 811,814	5,065	4,601
36	19	97 644	30 874,664	701 743,393	22,729	22,265	86	69	25 797	1 648,274	7 874,626	4,777	4,314
37	20	97 534	29 869,120	670 868,729	22,460	21,997	87	70	22 309	1 380,527	6 226,351	4,510	4,047
38	21	97 417	28 894,260	640 999,610	22,184	21,721	88	71	18 915	1 133,658	4 845,825	4,275	3,811
39	22	97 291	27 948,583	612 105,350	21,901	21,437	89	72	15 848	919,913	3 712,167	4,035	3,572
40	23	97 154	27 030,858	584 156,766	21,611	21,147	90	73	13 038	733,018	2 792,254	3,809	3,346
41	24	97 000	26 138,368	557 125,909	21,314	20,851	91	74	10 636	579,163	2 059,236	3,556	3,092
42	25	96 834	25 272,259	530 987,541	21,011	20,547	92	75	8 405	443,260	1 480,073	3,339	2,875
43	26	96 656	24 431,847	505 715,282	20,699	20,235	93	76	6 433	328,557	1 036,813	3,156	2,692
44	27	96 444	23 610,991	481 283,434	20,384	19,920	94	77	4 801	237,514	708,256	2,982	2,518
45	28	96 214	22 813,233	457 672,444	20,062	19,598	95	78	3 483	166,881	470,742	2,821	2,357
46	29	95 957	22 036,155	434 859,211	19,734	19,270	96	79	2 451	113,725	303,862	2,672	2,208
47	30	95 667	21 277,832	412 823,056	19,402	18,938	97	80	1 670	75,068	190,136	2,533	2,069
48	31	95 344	20 538,685	391 545,224	19,064	18,600	98	81	1 099	47,854	115,068	2,405	1,941
49	32	94 977	19 815,479	371 006,539	18,723	18,259	99	82	698	29,411	67,214	2,285	1,822
							100	83	426	17,380	37,803	2,175	1,711

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	19 116,988	351 917,502	18,409	17,945
1							51	33	94 170	18 429,762	332 800,513	18,058	17,594
2							52	34	93 684	17 757,525	314 370,751	17,704	17,240
3							53	35	93 153	17 101,172	296 613,226	17,345	16,881
4							54	36	92 580	16 460,833	279 512,054	16,980	16,517
5							55	37	91 943	15 833,146	263 051,221	16,614	16,150
6							56	38	91 261	15 220,958	247 218,075	16,242	15,778
7							57	39	90 528	14 623,407	231 997,117	15,865	15,401
8							58	40	89 744	14 040,424	217 373,710	15,482	15,018
9							59	41	88 887	13 468,622	203 333,286	15,097	14,633
10							60	42	87 960	12 908,741	189 864,664	14,708	14,245
11							61	43	86 945	12 358,147	176 955,923	14,319	13,855
12							62	44	85 877	11 822,099	164 597,776	13,923	13,459
13							63	45	84 726	11 296,420	152 775,677	13,524	13,061
14							64	46	83 500	10 782,546	141 479,257	13,121	12,658
15							65	47	82 172	10 277,084	130 696,712	12,717	12,254
16							66	48	80 751	9 781,448	120 419,628	12,311	11,847
17							67	49	79 258	9 298,368	110 638,180	11,899	11,435
18	0	99 323	55 850,595	1 472 705,019	26,369	25,905	68	50	77 666	8 824,830	101 339,812	11,483	11,020
19	1	98 950	53 889,546	1 416 854,424	26,292	25,828	69	51	75 962	8 359,504	92 514,982	11,067	10,603
20	2	98 868	52 149,971	1 362 964,878	26,135	25,672	70	52	74 135	7 901,621	84 155,478	10,650	10,187
21	3	98 793	50 470,135	1 310 814,908	25,972	25,508	71	53	72 185	7 451,673	76 253,857	10,233	9,769
22	4	98 723	48 846,916	1 260 344,773	25,802	25,338	72	54	70 107	7 009,304	68 802,184	9,816	9,352
23	5	98 656	47 277,076	1 211 497,857	25,625	25,162	73	55	67 850	6 570,181	61 792,880	9,405	8,941
24	6	98 592	45 759,578	1 164 220,780	25,442	24,978	74	56	65 439	6 137,215	55 222,699	8,998	8,534
25	7	98 528	44 290,119	1 118 461,203	25,253	24,789	75	57	62 838	5 707,752	49 085,484	8,600	8,136
26	8	98 461	42 866,995	1 074 171,083	25,058	24,595	76	58	60 093	5 286,613	43 377,731	8,205	7,742
27	9	98 395	41 489,738	1 031 304,089	24,857	24,393	77	59	57 177	4 871,771	38 091,118	7,819	7,355
28	10	98 326	40 155,782	989 814,351	24,649	24,186	78	60	54 076	4 462,501	33 219,347	7,444	6,980
29	11	98 257	38 864,567	949 658,569	24,435	23,971	79	61	50 788	4 059,260	28 756,846	7,084	6,621
30	12	98 186	37 614,023	910 794,002	24,214	23,751	80	62	47 440	3 672,306	24 697,586	6,725	6,262
31	13	98 114	36 403,055	873 179,979	23,986	23,523	81	63	43 941	3 294,395	21 025,280	6,382	5,919
32	14	98 031	35 227,597	836 776,924	23,753	23,290	82	64	40 380	2 932,142	17 730,885	6,047	5,583
33	15	97 946	34 089,046	801 549,327	23,513	23,050	83	65	36 789	2 587,257	14 798,744	5,720	5,256
34	16	97 862	32 987,575	767 460,281	23,265	22,802	84	66	33 208	2 261,904	12 211,486	5,399	4,935
35	17	97 767	31 918,279	734 472,706	23,011	22,547	85	67	29 632	1 954,820	9 949,582	5,090	4,626
36	18	97 665	30 881,410	702 554,427	22,750	22,286	86	68	26 053	1 664,579	7 994,762	4,803	4,339
37	19	97 555	29 875,545	671 673,017	22,482	22,019	87	69	22 556	1 395,836	6 330,183	4,535	4,071
38	20	97 437	28 900,357	641 797,473	22,207	21,744	88	70	19 144	1 147,367	4 934,347	4,301	3,837
39	21	97 312	27 954,626	612 897,115	21,925	21,461	89	71	16 062	932,353	3 786,980	4,062	3,598
40	22	97 177	27 037,071	584 942,489	21,635	21,171	90	72	13 243	744,540	2 854,627	3,834	3,370
41	23	97 022	26 144,314	557 905,419	21,339	20,876	91	73	10 824	589,380	2 110,087	3,580	3,117
42	24	96 856	25 278,006	531 761,104	21,037	20,573	92	74	8 571	451,994	1 520,707	3,364	2,901
43	25	96 678	24 437,293	506 483,098	20,726	20,262	93	75	6 579	336,045	1 068,713	3,180	2,717
44	26	96 470	23 617,300	482 045,805	20,411	19,947	94	76	4 926	243,691	732,668	3,007	2,543
45	27	96 239	22 819,123	458 428,505	20,090	19,626	95	77	3 587	171,857	488,977	2,845	2,382
46	28	95 982	22 041,880	435 609,382	19,763	19,299	96	78	2 535	117,638	317,121	2,696	2,232
47	29	95 693	21 283,736	413 567,502	19,431	18,968	97	79	1 735	77,997	199,483	2,558	2,094
48	30	95 371	20 544,323	392 283,766	19,095	18,631	98	80	1 149	50,024	121,486	2,429	1,965
49	31	95 008	19 821,941	371 739,443	18,754	18,290	99	81	734	30,942	71,462	2,310	1,846
							100	82	451	18,428	40,520	2,199	1,735



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	19 123,223	352 582,388	18,437	17,974
1							51	32	94 203	18 436,147	333 459,164	18,087	17,624
2							52	33	93 718	17 763,952	315 023,017	17,734	17,270
3							53	34	93 191	17 108,115	297 259,065	17,375	16,912
4							54	35	92 619	16 467,851	280 150,950	17,012	16,548
5							55	36	91 986	15 840,533	263 683,099	16,646	16,182
6							56	37	91 309	15 228,979	247 842,567	16,274	15,811
7							57	38	90 581	14 632,034	232 613,587	15,898	15,434
8							58	39	89 807	14 050,305	217 981,554	15,514	15,051
9							59	40	88 950	13 478,229	203 931,248	15,130	14,667
10							60	41	88 034	12 919,477	190 453,019	14,742	14,278
11							61	42	87 028	12 369,848	177 533,542	14,352	13,888
12							62	43	85 968	11 834,591	165 163,694	13,956	13,492
13							63	44	84 822	11 309,208	153 329,103	13,558	13,094
14							64	45	83 613	10 797,149	142 019,895	13,153	12,690
15							65	46	82 300	10 293,047	131 222,746	12,749	12,285
16							66	47	80 891	9 798,452	120 929,698	12,342	11,878
17							67	48	79 405	9 315,630	111 131,247	11,930	11,466
18							68	49	77 829	8 843,331	101 815,617	11,513	11,050
19	0	99 268	54 062,525	1 417 851,482	26,226	25,763	69	50	76 140	8 379,081	92 972,286	11,096	10,632
20	1	98 896	52 164,803	1 363 788,957	26,144	25,680	70	51	74 320	7 921,351	84 593,204	10,679	10,216
21	2	98 809	50 478,273	1 311 624,154	25,984	25,520	71	52	72 386	7 472,378	76 671,853	10,261	9,797
22	3	98 737	48 853,921	1 261 145,881	25,815	25,351	72	53	70 320	7 030,672	69 199,475	9,843	9,379
23	4	98 667	47 282,743	1 212 291,960	25,639	25,176	73	54	68 067	6 591,182	62 168,804	9,432	8,968
24	5	98 601	45 763,717	1 165 009,217	25,457	24,993	74	55	65 675	6 159,374	55 577,622	9,023	8,560
25	6	98 536	44 293,671	1 119 245,500	25,269	24,805	75	56	63 077	5 729,484	49 418,248	8,625	8,162
26	7	98 469	42 870,576	1 074 951,829	25,074	24,611	76	57	60 342	5 308,517	43 688,764	8,230	7,766
27	8	98 401	41 492,315	1 032 081,253	24,874	24,410	77	58	57 439	4 894,087	38 380,247	7,842	7,379
28	9	98 333	40 158,332	990 588,938	24,667	24,203	78	59	54 335	4 483,927	33 486,161	7,468	7,004
29	10	98 265	38 867,698	950 430,606	24,453	23,989	79	60	51 067	4 081,578	29 002,234	7,106	6,642
30	11	98 194	37 617,010	911 562,908	24,233	23,769	80	61	47 711	3 693,304	24 920,656	6,748	6,284
31	12	98 121	36 405,846	873 945,898	24,006	23,542	81	62	44 219	3 315,197	21 227,352	6,403	5,939
32	13	98 041	35 231,063	837 540,052	23,773	23,309	82	63	40 651	2 951,827	17 912,155	6,068	5,605
33	14	97 958	34 093,267	802 308,989	23,533	23,069	83	64	37 055	2 606,010	14 960,329	5,741	5,277
34	15	97 875	32 992,047	768 215,722	23,285	22,821	84	65	33 467	2 279,553	12 354,319	5,420	4,956
35	16	97 783	31 923,411	735 223,675	23,031	22,567	85	66	29 878	1 971,022	10 074,766	5,111	4,648
36	17	97 682	30 886,831	703 300,264	22,770	22,307	86	67	26 290	1 679,729	8 103,744	4,824	4,361
37	18	97 576	29 882,072	672 413,433	22,502	22,039	87	68	22 780	1 409,643	6 424,015	4,557	4,094
38	19	97 458	28 906,574	642 531,361	22,228	21,764	88	69	19 356	1 160,091	5 014,371	4,322	3,859
39	20	97 332	27 960,525	613 624,787	21,946	21,482	89	70	16 256	943,628	3 854,281	4,085	3,621
40	21	97 198	27 042,916	585 664,262	21,657	21,193	90	71	13 422	754,609	2 910,653	3,857	3,394
41	22	97 044	26 150,323	558 621,346	21,362	20,898	91	72	10 994	598,644	2 156,044	3,602	3,138
42	23	96 878	25 283,757	532 471,022	21,060	20,596	92	73	8 722	459,968	1 557,400	3,386	2,922
43	24	96 700	24 442,850	507 187,265	20,750	20,286	93	74	6 709	342,666	1 097,432	3,203	2,739
44	25	96 492	23 622,564	482 744,415	20,436	19,972	94	75	5 038	249,244	754,766	3,028	2,565
45	26	96 265	22 825,221	459 121,850	20,115	19,651	95	76	3 680	176,326	505,522	2,867	2,403
46	27	96 007	22 047,571	436 296,629	19,789	19,325	96	77	2 611	121,146	329,196	2,717	2,254
47	28	95 718	21 289,265	414 249,059	19,458	18,994	97	78	1 795	80,681	208,050	2,579	2,115
48	29	95 397	20 550,023	392 959,793	19,122	18,658	98	79	1 194	51,976	127,369	2,451	1,987
49	30	95 034	19 827,383	372 409,770	18,783	18,319	99	80	767	32,345	75,394	2,331	1,867
							100	81	475	19,387	43,049	2,220	1,757

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	19 128,473	353 190,442	18,464	18,000
1							51	31	94 233	18 442,160	334 061,969	18,114	17,650
2							52	32	93 750	17 770,107	315 619,809	17,761	17,298
3							53	33	93 225	17 114,307	297 849,702	17,404	16,940
4							54	34	92 657	16 474,537	280 735,396	17,041	16,577
5							55	35	92 026	15 847,286	264 260,859	16,675	16,212
6							56	36	91 352	15 236,084	248 413,573	16,304	15,841
7							57	37	90 629	14 639,745	233 177,489	15,928	15,464
8							58	38	89 860	14 058,594	218 537,744	15,545	15,081
9							59	39	89 013	13 487,714	204 479,151	15,160	14,697
10							60	40	88 096	12 928,692	190 991,436	14,773	14,309
11							61	41	87 100	12 380,136	178 062,744	14,383	13,919
12							62	42	86 049	11 845,796	165 682,608	13,987	13,523
13							63	43	84 911	11 321,158	153 836,812	13,588	13,125
14							64	44	83 707	10 809,373	142 515,653	13,184	12,721
15							65	45	82 411	10 306,988	131 706,280	12,778	12,315
16							66	46	81 017	9 813,672	121 399,292	12,370	11,907
17							67	47	79 543	9 331,825	111 585,620	11,958	11,494
18							68	48	77 973	8 859,748	102 253,796	11,541	11,078
19							69	49	76 299	8 396,648	93 394,048	11,123	10,659
20	0	99 213	52 332,246	1 364 713,181	26,078	25,614	70	50	74 494	7 939,902	84 997,400	10,705	10,241
21	1	98 837	50 492,629	1 312 380,935	25,992	25,528	71	51	72 567	7 491,036	77 057,498	10,287	9,823
22	2	98 753	48 861,798	1 261 888,306	25,826	25,362	72	52	70 516	7 050,207	69 566,461	9,867	9,404
23	3	98 682	47 289,524	1 213 026,507	25,651	25,187	73	53	68 275	6 611,275	62 516,255	9,456	8,992
24	4	98 613	45 769,203	1 165 736,983	25,470	25,006	74	54	65 885	6 179,061	55 904,980	9,047	8,584
25	5	98 545	44 297,678	1 119 967,781	25,283	24,819	75	55	63 305	5 750,170	49 725,919	8,648	8,184
26	6	98 477	42 874,014	1 075 670,103	25,089	24,625	76	56	60 571	5 328,729	43 975,749	8,253	7,789
27	7	98 409	41 495,782	1 032 796,089	24,889	24,426	77	57	57 677	4 914,365	38 647,020	7,864	7,400
28	8	98 339	40 160,826	991 300,308	24,683	24,220	78	58	54 584	4 504,466	33 732,656	7,489	7,025
29	9	98 272	38 870,166	951 139,481	24,470	24,006	79	59	51 312	4 101,174	29 228,190	7,127	6,663
30	10	98 202	37 620,041	912 269,316	24,250	23,786	80	60	47 973	3 713,609	25 127,016	6,766	6,303
31	11	98 129	36 408,738	874 649,274	24,023	23,559	81	61	44 471	3 334,153	21 413,406	6,422	5,959
32	12	98 049	35 233,764	838 240,537	23,791	23,327	82	62	40 908	2 970,466	18 079,253	6,086	5,623
33	13	97 968	34 096,621	803 006,773	23,551	23,087	83	63	37 304	2 623,505	15 108,787	5,759	5,295
34	14	97 887	32 996,132	768 910,153	23,303	22,839	84	64	33 709	2 296,075	12 485,283	5,438	4,974
35	15	97 796	31 927,739	735 914,021	23,049	22,586	85	65	30 111	1 986,401	10 189,207	5,129	4,666
36	16	97 698	30 891,798	703 986,281	22,789	22,325	86	66	26 508	1 693,651	8 202,806	4,843	4,380
37	17	97 593	29 887,318	673 094,484	22,521	22,057	87	67	22 987	1 422,474	6 509,155	4,576	4,112
38	18	97 480	28 912,890	643 207,166	22,246	21,783	88	68	19 548	1 171,566	5 086,681	4,342	3,878
39	19	97 353	27 966,539	614 294,276	21,965	21,502	89	69	16 436	954,092	3 915,115	4,103	3,640
40	20	97 218	27 048,623	586 327,736	21,677	21,213	90	70	13 585	763,734	2 961,023	3,877	3,413
41	21	97 065	26 155,977	559 279,114	21,382	20,919	91	71	11 143	606,739	2 197,289	3,621	3,158
42	22	96 900	25 289,569	533 123,137	21,081	20,617	92	72	8 859	467,198	1 590,550	3,404	2,941
43	23	96 722	24 448,411	507 833,568	20,772	20,308	93	73	6 827	348,711	1 123,352	3,221	2,758
44	24	96 514	23 627,936	483 385,157	20,458	19,995	94	74	5 138	254,156	774,640	3,048	2,584
45	25	96 286	22 830,309	459 757,220	20,138	19,674	95	75	3 764	180,344	520,485	2,886	2,422
46	26	96 033	22 053,463	436 926,912	19,812	19,349	96	76	2 679	124,296	340,140	2,737	2,273
47	27	95 743	21 294,762	414 873,449	19,482	19,019	97	77	1 849	83,086	215,844	2,598	2,134
48	28	95 422	20 555,362	393 578,687	19,147	18,684	98	78	1 235	53,764	132,758	2,469	2,006
49	29	95 060	19 832,883	373 023,325	18,808	18,345	99	79	797	33,607	78,994	2,351	1,887
							100	80	496	20,266	45,387	2,240	1,776

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	19 133,780	353 746,933	18,488	18,024
1							51	30	94 259	18 447,223	334 613,154	18,139	17,675
2							52	31	93 781	17 775,902	316 165,931	17,786	17,323
3							53	32	93 257	17 120,236	298 390,029	17,429	16,965
4							54	33	92 690	16 480,499	281 269,793	17,067	16,603
5							55	34	92 063	15 853,720	264 789,294	16,702	16,238
6							56	35	91 391	15 242,580	248 935,574	16,332	15,868
7							57	36	90 671	14 646,574	233 692,994	15,955	15,492
8							58	37	89 907	14 066,002	219 046,420	15,573	15,109
9							59	38	89 065	13 495,671	204 980,417	15,189	14,725
10							60	39	88 158	12 937,791	191 484,746	14,800	14,337
11							61	40	87 162	12 388,967	178 546,955	14,412	13,948
12							62	41	86 121	11 855,648	166 157,989	14,015	13,551
13							63	42	84 992	11 331,878	154 302,341	13,617	13,153
14							64	43	83 796	10 820,795	142 970,463	13,213	12,749
15							65	44	82 504	10 318,657	132 149,668	12,807	12,343
16							66	45	81 127	9 826,964	121 831,011	12,398	11,934
17							67	46	79 666	9 346,320	112 004,048	11,984	11,520
18							68	47	78 109	8 875,150	102 657,728	11,567	11,103
19							69	48	76 441	8 412,235	93 782,578	11,148	10,685
20							70	49	74 650	7 956,548	85 370,343	10,730	10,266
21	0	99 154	50 654,705	1 313 238,045	25,925	25,462	71	50	72 736	7 508,580	77 413,795	10,310	9,846
22	1	98 781	48 875,695	1 262 583,340	25,833	25,369	72	51	70 692	7 067,811	69 905,215	9,891	9,427
23	2	98 698	47 297,149	1 213 707,645	25,661	25,198	73	52	68 464	6 629,644	62 837,404	9,478	9,015
24	3	98 627	45 775,766	1 166 410,496	25,481	25,017	74	53	66 086	6 197,898	56 207,759	9,069	8,605
25	4	98 556	44 302,987	1 120 634,730	25,295	24,831	75	54	63 507	5 768,550	50 009,862	8,669	8,206
26	5	98 486	42 877,893	1 076 331,742	25,102	24,639	76	55	60 790	5 347,968	44 241,312	8,273	7,809
27	6	98 417	41 499,109	1 033 453,850	24,903	24,439	77	56	57 897	4 933,075	38 893,344	7,884	7,421
28	7	98 347	40 164,182	991 954,741	24,697	24,234	78	57	54 810	4 523,129	33 960,269	7,508	7,045
29	8	98 278	38 872,580	951 790,559	24,485	24,021	79	58	51 548	4 119,960	29 437,140	7,145	6,681
30	9	98 208	37 622,429	912 917,979	24,265	23,802	80	59	48 204	3 731,439	25 317,179	6,785	6,321
31	10	98 137	36 411,671	875 295,550	24,039	23,575	81	60	44 716	3 352,484	21 585,740	6,439	5,975
32	11	98 056	35 236,562	838 883,879	23,807	23,344	82	61	41 142	2 987,451	18 233,256	6,103	5,640
33	12	97 975	34 099,234	803 647,317	23,568	23,104	83	62	37 540	2 640,071	15 245,805	5,775	5,311
34	13	97 897	32 999,378	769 548,082	23,320	22,856	84	63	33 936	2 311,490	12 605,734	5,454	4,990
35	14	97 808	31 931,692	736 548,704	23,066	22,603	85	64	30 329	2 000,799	10 294,245	5,145	4,681
36	15	97 711	30 895,986	704 617,012	22,806	22,342	86	65	26 714	1 706,866	8 293,446	4,859	4,395
37	16	97 609	29 892,124	673 721,026	22,538	22,075	87	66	23 177	1 434,263	6 586,580	4,592	4,129
38	17	97 497	28 917,966	643 828,902	22,264	21,800	88	67	19 725	1 182,229	5 152,317	4,358	3,895
39	18	97 375	27 972,650	614 910,936	21,983	21,519	89	68	16 599	963,530	3 970,087	4,120	3,657
40	19	97 239	27 054,441	586 938,286	21,695	21,231	90	69	13 735	772,203	3 006,557	3,893	3,430
41	20	97 086	26 161,497	559 883,845	21,401	20,937	91	70	11 278	614,077	2 234,354	3,639	3,175
42	21	96 921	25 295,036	533 722,349	21,100	20,636	92	71	8 979	473,516	1 620,278	3,422	2,958
43	22	96 744	24 454,031	508 427,312	20,791	20,328	93	72	6 934	354,193	1 146,761	3,238	2,774
44	23	96 536	23 633,312	483 973,282	20,478	20,015	94	73	5 228	258,639	792,569	3,064	2,601
45	24	96 308	22 835,500	460 339,970	20,159	19,695	95	74	3 838	183,898	533,929	2,903	2,440
46	25	96 054	22 058,378	437 504,470	19,834	19,370	96	75	2 740	127,129	350,032	2,753	2,290
47	26	95 768	21 300,453	415 446,092	19,504	19,040	97	76	1 897	85,247	222,903	2,615	2,151
48	27	95 447	20 560,670	394 145,639	19,170	18,706	98	77	1 272	55,367	137,656	2,486	2,023
49	28	95 085	19 838,036	373 584,969	18,832	18,368	99	78	825	34,763	82,289	2,367	1,904
							100	79	516	21,057	47,526	2,257	1,793

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	19 138,751	354 256,258	18,510	18,046
1							51	29	94 285	18 452,341	335 117,507	18,161	17,698
2							52	30	93 807	17 780,782	316 665,166	17,809	17,346
3							53	31	93 288	17 125,819	298 884,385	17,452	16,989
4							54	32	92 722	16 486,209	281 758,565	17,091	16,627
5							55	33	92 096	15 859,458	265 272,356	16,726	16,263
6							56	34	91 428	15 248,768	249 412,898	16,356	15,893
7							57	35	90 710	14 652,819	234 164,130	15,981	15,517
8							58	36	89 949	14 072,565	219 511,311	15,599	15,135
9							59	37	89 112	13 502,783	205 438,747	15,215	14,751
10							60	38	88 210	12 945,423	191 935,964	14,827	14,363
11							61	39	87 224	12 397,685	178 990,541	14,437	13,974
12							62	40	86 182	11 864,105	166 592,855	14,042	13,578
13							63	41	85 062	11 341,302	154 728,750	13,643	13,179
14							64	42	83 875	10 831,040	143 387,448	13,239	12,775
15							65	43	82 592	10 329,560	132 556,408	12,833	12,369
16							66	44	81 218	9 838,089	122 226,848	12,424	11,960
17							67	45	79 774	9 358,978	112 388,759	12,009	11,545
18							68	46	78 230	8 888,936	103 029,781	11,591	11,127
19							69	47	76 574	8 426,859	94 140,845	11,172	10,708
20							70	48	74 788	7 971,319	85 713,986	10,753	10,289
21							71	49	72 889	7 524,321	77 742,667	10,332	9,869
22	0	99 098	49 032,581	1 263 378,575	25,766	25,302	72	50	70 857	7 084,363	70 218,345	9,912	9,448
23	1	98 726	47 310,601	1 214 345,994	25,668	25,204	73	51	68 635	6 646,199	63 133,982	9,499	9,036
24	2	98 643	45 783,147	1 167 035,394	25,491	25,027	74	52	66 270	6 215,119	56 487,783	9,089	8,625
25	3	98 570	44 309,341	1 121 252,246	25,305	24,841	75	53	63 701	5 786,135	50 272,665	8,688	8,225
26	4	98 498	42 883,032	1 076 942,906	25,113	24,650	76	54	60 984	5 365,062	44 486,530	8,292	7,828
27	5	98 426	41 502,863	1 034 059,874	24,915	24,452	77	55	58 106	4 950,886	39 121,468	7,902	7,438
28	6	98 355	40 167,402	992 557,010	24,711	24,247	78	56	55 019	4 540,350	34 170,582	7,526	7,062
29	7	98 286	38 875,828	952 389,608	24,498	24,035	79	57	51 761	4 137,031	29 630,231	7,162	6,699
30	8	98 215	37 624,766	913 513,780	24,280	23,816	80	58	48 425	3 748,531	25 493,201	6,801	6,337
31	9	98 143	36 413,983	875 889,014	24,054	23,590	81	59	44 931	3 368,581	21 744,669	6,455	5,992
32	10	98 064	35 239,401	839 475,031	23,822	23,358	82	60	41 368	3 003,875	18 376,089	6,117	5,654
33	11	97 983	34 101,943	804 235,630	23,583	23,120	83	61	37 754	2 655,166	15 372,213	5,790	5,326
34	12	97 904	33 001,908	770 133,687	23,336	22,872	84	62	34 150	2 326,086	12 717,047	5,467	5,004
35	13	97 818	31 934,834	737 131,779	23,082	22,619	85	63	30 533	2 014,231	10 390,961	5,159	4,695
36	14	97 723	30 899,811	705 196,946	22,822	22,358	86	64	26 908	1 719,238	8 376,730	4,872	4,409
37	15	97 622	29 896,177	674 297,135	22,555	22,091	87	65	23 358	1 445,454	6 657,493	4,606	4,142
38	16	97 512	28 922,615	644 400,958	22,280	21,817	88	66	19 889	1 192,028	5 212,039	4,372	3,909
39	17	97 392	27 977,561	615 478,342	21,999	21,535	89	67	16 750	972,300	4 020,011	4,135	3,671
40	18	97 260	27 060,352	587 500,782	21,711	21,247	90	68	13 871	779,842	3 047,711	3,908	3,444
41	19	97 107	26 167,124	560 440,430	21,418	20,954	91	69	11 403	620,886	2 267,869	3,653	3,189
42	20	96 941	25 300,374	534 273,305	21,117	20,654	92	70	9 087	479,242	1 646,983	3,437	2,973
43	21	96 765	24 459,317	508 972,931	20,809	20,345	93	71	7 028	358,982	1 167,741	3,253	2,789
44	22	96 558	23 638,744	484 513,614	20,497	20,033	94	72	5 310	262,705	808,758	3,079	2,615
45	23	96 330	22 840,696	460 874,870	20,178	19,714	95	73	3 906	187,142	546,054	2,918	2,454
46	24	96 076	22 063,394	438 034,174	19,853	19,390	96	74	2 794	129,634	358,912	2,769	2,305
47	25	95 790	21 305,200	415 970,780	19,524	19,061	97	75	1 940	87,190	229,278	2,630	2,166
48	26	95 472	20 566,164	394 665,580	19,190	18,726	98	76	1 305	56,807	142,088	2,501	2,038
49	27	95 109	19 843,158	374 099,416	18,853	18,389	99	77	849	35,800	85,281	2,382	1,919
							100	78	533	21,781	49,482	2,272	1,808

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	19 143,692	354 722,686	18,529	18,066
1							51	28	94 310	18 457,135	335 578,993	18,182	17,718
2							52	29	93 833	17 785,715	317 121,859	17,830	17,367
3							53	30	93 313	17 130,521	299 336,144	17,474	17,010
4							54	31	92 753	16 491,586	282 205,623	17,112	16,648
5							55	32	92 128	15 864,952	265 714,037	16,748	16,285
6							56	33	91 461	15 254,287	249 849,085	16,379	15,915
7							57	34	90 747	14 658,768	234 594,798	16,004	15,540
8							58	35	89 987	14 078,564	219 936,030	15,622	15,158
9							59	36	89 154	13 509,082	205 857,466	15,238	14,775
10							60	37	88 257	12 952,245	192 348,384	14,851	14,387
11							61	38	87 275	12 404,999	179 396,138	14,462	13,998
12							62	39	86 243	11 872,454	166 991,139	14,065	13,602
13							63	40	85 123	11 349,392	155 118,685	13,668	13,204
14							64	41	83 945	10 840,048	143 769,293	13,263	12,799
15							65	42	82 670	10 339,340	132 929,245	12,857	12,393
16							66	43	81 304	9 848,484	122 589,905	12,448	11,984
17							67	44	79 865	9 369,574	112 741,420	12,033	11,569
18							68	45	78 336	8 900,975	103 371,846	11,614	11,150
19							69	46	76 693	8 439,949	94 470,872	11,193	10,730
20							70	47	74 918	7 985,176	86 030,923	10,774	10,310
21							71	48	73 024	7 538,290	78 045,746	10,353	9,890
22							72	49	70 992	7 099,216	70 507,457	9,932	9,468
23	0	99 043	47 462,462	1 215 084,130	25,601	25,137	73	50	68 796	6 661,764	63 408,241	9,518	9,055
24	1	98 671	45 796,169	1 167 621,667	25,496	25,032	74	51	66 435	6 230,638	56 746,478	9,108	8,644
25	2	98 586	44 316,485	1 121 825,499	25,314	24,850	75	52	63 878	5 802,212	50 515,840	8,706	8,243
26	3	98 512	42 889,182	1 077 509,013	25,123	24,659	76	53	61 170	5 381,417	44 713,628	8,309	7,845
27	4	98 438	41 507,838	1 034 619,832	24,926	24,462	77	54	58 291	4 966,711	39 332,211	7,919	7,456
28	5	98 364	40 171,036	993 111,994	24,722	24,258	78	55	55 218	4 556,743	34 365,500	7,542	7,078
29	6	98 294	38 878,945	952 940,958	24,510	24,047	79	56	51 958	4 152,782	29 808,577	7,178	6,714
30	7	98 223	37 627,910	914 062,013	24,292	23,829	80	57	48 625	3 764,063	25 655,975	6,816	6,352
31	8	98 149	36 416,245	876 434,103	24,067	23,603	81	58	45 136	3 384,010	21 891,912	6,469	6,006
32	9	98 070	35 241,638	840 017,858	23,836	23,372	82	59	41 567	3 018,298	18 507,902	6,132	5,668
33	10	97 991	34 104,690	804 776,220	23,597	23,134	83	60	37 962	2 669,764	15 489,604	5,802	5,338
34	11	97 912	33 004,529	770 671,529	23,350	22,887	84	61	34 345	2 339,386	12 819,839	5,480	5,016
35	12	97 825	31 937,282	737 667,000	23,097	22,634	85	62	30 725	2 026,950	10 480,453	5,171	4,707
36	13	97 733	30 902,851	705 729,718	22,837	22,373	86	63	27 089	1 730,779	8 453,504	4,884	4,421
37	14	97 634	29 899,878	674 826,867	22,570	22,106	87	64	23 528	1 455,931	6 722,724	4,617	4,154
38	15	97 526	28 926,537	644 926,989	22,295	21,832	88	65	20 044	1 201,329	5 266,793	4,384	3,921
39	16	97 407	27 982,059	616 000,453	22,014	21,550	89	66	16 889	980,358	4 065,465	4,147	3,683
40	17	97 277	27 065,103	588 018,393	21,726	21,262	90	67	13 997	786,940	3 085,106	3,920	3,457
41	18	97 128	26 172,841	560 953,290	21,433	20,969	91	68	11 515	627,028	2 298,167	3,665	3,202
42	19	96 962	25 305,816	534 780,449	21,133	20,669	92	69	9 188	484,557	1 671,139	3,449	2,985
43	20	96 785	24 464,479	509 474,633	20,825	20,361	93	70	7 113	363,324	1 186,582	3,266	2,802
44	21	96 579	23 643,854	485 010,154	20,513	20,050	94	71	5 382	266,257	823,258	3,092	2,628
45	22	96 352	22 845,945	461 366,299	20,195	19,731	95	72	3 967	190,084	557,001	2,930	2,467
46	23	96 098	22 068,414	438 520,354	19,871	19,407	96	73	2 843	131,921	366,917	2,781	2,318
47	24	95 811	21 310,045	416 451,940	19,543	19,079	97	74	1 978	88,908	234,997	2,643	2,180
48	25	95 493	20 570,748	395 141,894	19,209	18,745	98	75	1 335	58,101	146,089	2,514	2,051
49	26	95 135	19 848,461	374 571,146	18,872	18,408	99	76	871	36,731	87,988	2,395	1,932
							100	77	549	22,431	51,257	2,285	1,821

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 3,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	19 148,808	355 150,305	18,547	18,083
1							51	27	94 334	18 461,900	336 001,497	18,200	17,736
2							52	28	93 857	17 790,336	317 539,597	17,849	17,385
3							53	29	93 339	17 135,273	299 749,261	17,493	17,029
4							54	30	92 778	16 496,113	282 613,988	17,132	16,669
5							55	31	92 158	15 870,127	266 117,875	16,768	16,305
6							56	32	91 493	15 259,572	250 247,748	16,399	15,936
7							57	33	90 780	14 664,073	234 988,176	16,025	15,561
8							58	34	90 024	14 084,280	220 324,103	15,643	15,180
9							59	35	89 192	13 514,842	206 239,824	15,260	14,797
10							60	36	88 298	12 958,288	192 724,982	14,873	14,409
11							61	37	87 321	12 411,536	179 766,694	14,484	14,020
12							62	38	86 294	11 879,458	167 355,158	14,088	13,624
13							63	39	85 183	11 357,379	155 475,700	13,689	13,226
14							64	40	84 005	10 847,780	144 118,321	13,286	12,822
15							65	41	82 739	10 347,939	133 270,540	12,879	12,415
16							66	42	81 381	9 857,809	122 922,601	12,470	12,006
17							67	43	79 949	9 379,474	113 064,791	12,054	11,591
18							68	44	78 425	8 911,052	103 685,317	11,636	11,172
19							69	45	76 797	8 451,380	94 774,265	11,214	10,750
20							70	46	75 035	7 997,580	86 322,885	10,794	10,330
21							71	47	73 151	7 551,394	78 325,305	10,372	9,909
22							72	48	71 138	7 112,395	70 773,911	9,951	9,487
23							73	49	68 940	6 675,730	63 661,517	9,536	9,073
24	0	98 988	45 943,169	1 168 307,077	25,429	24,966	74	50	66 591	6 245,230	56 985,787	9,125	8,661
25	1	98 614	44 329,089	1 122 363,908	25,319	24,855	75	51	64 037	5 816,700	50 740,557	8,723	8,260
26	2	98 528	42 896,097	1 078 034,818	25,131	24,668	76	52	61 340	5 396,369	44 923,857	8,325	7,861
27	3	98 452	41 513,790	1 035 138,721	24,935	24,471	77	53	58 469	4 981,852	39 527,488	7,934	7,471
28	4	98 375	40 175,851	993 624,931	24,732	24,268	78	54	55 394	4 571,308	34 545,636	7,557	7,093
29	5	98 303	38 882,462	953 449,080	24,521	24,058	79	55	52 146	4 167,775	29 974,328	7,192	6,728
30	6	98 231	37 630,927	914 566,617	24,304	23,840	80	56	48 810	3 778,394	25 806,553	6,830	6,366
31	7	98 157	36 419,287	876 935,690	24,079	23,615	81	57	45 323	3 398,032	22 028,159	6,483	6,019
32	8	98 077	35 243,827	840 516,403	23,849	23,385	82	58	41 757	3 032,123	18 630,127	6,144	5,681
33	9	97 997	34 106,856	805 272,576	23,610	23,147	83	59	38 144	2 682,583	15 598,004	5,815	5,351
34	10	97 920	33 007,188	771 165,720	23,364	22,900	84	60	34 534	2 352,248	12 915,421	5,491	5,027
35	11	97 833	31 939,819	738 158,532	23,111	22,647	85	61	30 901	2 038,540	10 563,173	5,182	4,718
36	12	97 740	30 905,220	706 218,713	22,851	22,387	86	62	27 260	1 741,708	8 524,633	4,894	4,431
37	13	97 644	29 902,820	675 313,493	22,584	22,120	87	63	23 685	1 465,705	6 782,925	4,628	4,164
38	14	97 538	28 930,118	645 410,674	22,309	21,846	88	64	20 189	1 210,036	5 317,220	4,394	3,931
39	15	97 421	27 985,853	616 480,555	22,028	21,565	89	65	17 021	988,008	4 107,184	4,157	3,693
40	16	97 293	27 069,455	588 494,702	21,740	21,277	90	66	14 113	793,462	3 119,176	3,931	3,467
41	17	97 145	26 177,436	561 425,247	21,447	20,983	91	67	11 620	632,735	2 325,714	3,676	3,212
42	18	96 983	25 311,345	535 247,811	21,147	20,683	92	68	9 279	489,350	1 692,979	3,460	2,996
43	19	96 806	24 469,741	509 936,466	20,839	20,376	93	69	7 192	367,353	1 203,629	3,276	2,813
44	20	96 599	23 648,844	485 466,724	20,528	20,065	94	70	5 447	269,477	836,277	3,103	2,640
45	21	96 373	22 850,885	461 817,880	20,210	19,746	95	71	4 021	192,654	566,800	2,942	2,478
46	22	96 120	22 073,486	438 966,996	19,887	19,423	96	72	2 888	133,994	374,145	2,792	2,329
47	23	95 833	21 314,894	416 893,509	19,559	19,095	97	73	2 013	90,476	240,151	2,654	2,191
48	24	95 515	20 575,426	395 578,616	19,226	18,762	98	74	1 361	59,246	149,675	2,526	2,063
49	25	95 156	19 852,885	375 003,190	18,889	18,425	99	75	891	37,568	90,429	2,407	1,943
							100	76	564	23,014	52,861	2,297	1,833

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 3,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	19 153,076	355 541,826	18,563	18,100
1							51	26	94 359	18 466,834	336 388,750	18,216	17,752
2							52	27	93 881	17 794,929	317 921,916	17,866	17,402
3							53	28	93 363	17 139,725	300 126,987	17,511	17,047
4							54	29	92 804	16 500,690	282 987,262	17,150	16,686
5							55	30	92 183	15 874,483	266 486,572	16,787	16,323
6							56	31	91 522	15 264,548	250 612,089	16,418	15,954
7							57	32	90 811	14 669,154	235 347,541	16,044	15,580
8							58	33	90 057	14 089,377	220 678,387	15,663	15,199
9							59	34	89 228	13 520,329	206 589,010	15,280	14,816
10							60	35	88 336	12 963,813	193 068,681	14,893	14,429
11							61	36	87 362	12 417,327	180 104,869	14,504	14,041
12							62	37	86 339	11 885,718	167 687,542	14,108	13,645
13							63	38	85 233	11 364,079	155 801,824	13,710	13,246
14							64	39	84 064	10 855,415	144 437,745	13,306	12,842
15							65	40	82 798	10 355,321	133 582,330	12,900	12,436
16							66	41	81 449	9 866,008	123 227,010	12,490	12,026
17							67	42	80 025	9 388,355	113 361,002	12,075	11,611
18							68	43	78 508	8 920,468	103 972,647	11,656	11,192
19							69	44	76 884	8 460,948	95 052,179	11,234	10,771
20							70	45	75 136	8 008,412	86 591,231	10,813	10,349
21							71	46	73 265	7 563,124	78 582,819	10,390	9,927
22							72	47	71 261	7 124,759	71 019,695	9,968	9,504
23							73	48	69 068	6 688,123	63 894,936	9,553	9,090
24							74	49	66 730	6 258,323	57 206,814	9,141	8,677
25	0	98 931	44 471,381	1 123 000,596	25,252	24,789	75	50	64 187	5 830,322	50 948,491	8,739	8,275
26	1	98 556	42 908,297	1 078 529,216	25,136	24,672	76	51	61 494	5 409,844	45 118,169	8,340	7,876
27	2	98 468	41 520,484	1 035 620,918	24,942	24,479	77	52	58 631	4 995,694	39 708,325	7,949	7,485
28	3	98 390	40 181,613	994 100,434	24,740	24,277	78	53	55 563	4 585,244	34 712,631	7,571	7,107
29	4	98 314	38 887,123	953 918,821	24,530	24,067	79	54	52 312	4 181,097	30 127,387	7,206	6,742
30	5	98 239	37 634,332	915 031,699	24,314	23,850	80	55	48 987	3 792,036	25 946,290	6,842	6,379
31	6	98 165	36 422,207	877 397,367	24,090	23,626	81	56	45 496	3 410,969	22 154,254	6,495	6,031
32	7	98 085	35 246,772	840 975,160	23,860	23,396	82	57	41 930	3 044,687	18 743,285	6,156	5,692
33	8	98 003	34 108,974	805 728,388	23,622	23,159	83	58	38 319	2 694,870	15 698,599	5,825	5,362
34	9	97 926	33 009,284	771 619,414	23,376	22,912	84	59	34 700	2 363,542	13 003,728	5,502	5,038
35	10	97 841	31 942,392	738 610,130	23,123	22,660	85	60	31 071	2 049,747	10 640,186	5,191	4,727
36	11	97 748	30 907,675	706 667,738	22,864	22,400	86	61	27 416	1 751,667	8 590,439	4,904	4,441
37	12	97 651	29 905,112	675 760,063	22,597	22,133	87	62	23 835	1 474,960	6 838,772	4,637	4,173
38	13	97 547	28 932,964	645 854,951	22,322	21,859	88	63	20 325	1 218,160	5 363,812	4,403	3,940
39	14	97 433	27 989,318	616 921,987	22,041	21,578	89	64	17 144	995,169	4 145,652	4,166	3,702
40	15	97 306	27 073,125	588 932,669	21,753	21,290	90	65	14 224	799,653	3 150,483	3,940	3,476
41	16	97 160	26 181,645	561 859,544	21,460	20,996	91	66	11 717	637,979	2 350,830	3,685	3,221
42	17	97 001	25 315,789	535 677,899	21,160	20,696	92	67	9 364	493,804	1 712,851	3,469	3,005
43	18	96 827	24 475,088	510 362,109	20,852	20,389	93	68	7 263	370,986	1 219,047	3,286	2,822
44	19	96 620	23 653,931	485 887,022	20,541	20,078	94	69	5 508	272,466	848,061	3,113	2,649
45	20	96 393	22 855,707	462 233,091	20,224	19,760	95	70	4 070	194,984	575,595	2,952	2,488
46	21	96 141	22 078,258	439 377,384	19,901	19,437	96	71	2 927	135,806	380,611	2,803	2,339
47	22	95 855	21 319,793	417 299,125	19,573	19,110	97	72	2 045	91,898	244,805	2,664	2,200
48	23	95 537	20 580,107	395 979,333	19,241	18,777	98	73	1 385	60,291	152,907	2,536	2,073
49	24	95 178	19 857,400	375 399,226	18,905	18,441	99	74	909	38,308	92,615	2,418	1,954
							100	75	576	23,539	54,307	2,307	1,844

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 666 320,966	26,663	26,199	50	50	93 003	16 652,521	277 088,527	16,639	16,175
1	1	99 275	95 918,016	2 566 320,966	26,755	26,291	51	51	92 389	15 983,228	260 436,006	16,294	15,830
2	2	99 212	92 615,085	2 470 402,949	26,674	26,210	52	52	91 717	15 330,312	244 452,778	15,946	15,482
3	3	99 177	89 451,527	2 377 787,864	26,582	26,118	53	53	90 982	14 693,166	229 122,466	15,594	15,130
4	4	99 147	86 401,156	2 288 336,337	26,485	26,021	54	54	90 185	14 071,948	214 429,301	15,238	14,774
5	5	99 121	83 457,345	2 201 935,181	26,384	25,920	55	55	89 321	13 465,918	200 357,352	14,879	14,415
6	6	99 101	80 618,493	2 118 477,836	26,278	25,814	56	56	88 386	12 874,313	186 891,434	14,517	14,053
7	7	99 082	77 877,808	2 037 859,343	26,167	25,703	57	57	87 395	12 299,462	174 017,121	14,148	13,684
8	8	99 064	75 230,696	1 959 981,535	26,053	25,589	58	58	86 341	11 740,248	161 717,659	13,775	13,311
9	9	99 049	72 675,160	1 884 750,839	25,934	25,470	59	59	85 187	11 191,668	149 977,411	13,401	12,937
10	10	99 034	70 207,061	1 812 075,679	25,810	25,346	60	60	83 967	10 658,256	138 785,743	13,021	12,557
11	11	99 017	67 821,380	1 741 868,618	25,683	25,219	61	61	82 622	10 132,932	128 127,487	12,645	12,181
12	12	99 000	65 516,328	1 674 047,238	25,552	25,088	62	62	81 229	9 625,172	117 994,555	12,259	11,795
13	13	98 982	63 289,329	1 608 530,910	25,416	24,951	63	63	79 727	9 127,717	108 369,382	11,873	11,409
14	14	98 963	61 137,742	1 545 241,581	25,275	24,811	64	64	78 155	8 645,186	99 241,665	11,479	11,015
15	15	98 935	59 053,229	1 484 103,839	25,132	24,668	65	65	76 477	8 173,542	90 596,480	11,084	10,620
16	16	98 902	57 037,130	1 425 050,610	24,985	24,521	66	66	74 702	7 713,864	82 422,938	10,685	10,221
17	17	98 856	55 083,141	1 368 013,480	24,835	24,371	67	67	72 853	7 268,524	74 709,073	10,278	9,814
18	18	98 805	53 192,915	1 312 930,339	24,682	24,218	68	68	70 895	6 833,924	67 440,549	9,868	9,404
19	19	98 729	51 354,339	1 259 737,424	24,530	24,066	69	69	68 821	6 409,660	60 606,625	9,456	8,991
20	20	98 654	49 579,997	1 208 383,085	24,372	23,908	70	70	66 595	5 992,581	54 196,965	9,044	8,580
21	21	98 574	47 864,661	1 158 803,088	24,210	23,746	71	71	64 247	5 585,808	48 204,384	8,630	8,166
22	22	98 497	46 209,979	1 110 938,427	24,041	23,577	72	72	61 752	5 187,343	42 618,576	8,216	7,752
23	23	98 419	44 611,948	1 064 728,447	23,866	23,402	73	73	59 028	4 790,818	37 431,234	7,813	7,349
24	24	98 342	43 069,794	1 020 116,499	23,685	23,221	74	74	56 145	4 402,749	32 640,415	7,414	6,950
25	25	98 263	41 579,897	977 046,706	23,498	23,034	75	75	53 072	4 021,085	28 237,666	7,022	6,558
26	26	98 183	40 141,057	935 466,808	23,304	22,840	76	76	49 829	3 647,666	24 216,581	6,639	6,175
27	27	98 097	38 749,589	895 325,751	23,105	22,641	77	77	46 421	3 283,286	20 568,915	6,265	5,801
28	28	98 010	37 405,862	856 576,162	22,900	22,435	78	78	42 837	2 927,316	17 285,629	5,905	5,441
29	29	97 924	36 109,152	819 170,299	22,686	22,222	79	79	39 108	2 582,139	14 358,312	5,561	5,097
30	30	97 833	34 855,954	783 061,147	22,466	22,002	80	80	35 359	2 255,669	11 776,173	5,221	4,757
31	31	97 742	33 645,642	748 205,193	22,238	21,774	81	81	31 529	1 943,293	9 520,504	4,899	4,435
32	32	97 637	32 473,181	714 559,551	22,005	21,541	82	82	27 725	1 651,038	7 577,211	4,589	4,125
33	33	97 531	31 340,772	682 086,370	21,764	21,300	83	83	23 995	1 380,608	5 926,173	4,292	3,828
34	34	97 425	30 248,000	650 745,598	21,514	21,050	84	84	20 410	1 134,647	4 545,565	4,006	3,542
35	35	97 306	29 189,658	620 497,597	21,257	20,793	85	85	17 005	913,367	3 410,917	3,734	3,270
36	36	97 181	28 166,150	591 307,940	20,994	20,530	86	86	13 800	716,158	2 497,550	3,487	3,023
37	37	97 047	27 176,168	563 141,790	20,722	20,258	87	87	10 900	546,537	1 781,393	3,259	2,795
38	38	96 900	26 217,418	535 965,622	20,443	19,979	88	88	8 281	401,177	1 234,855	3,078	2,614
39	39	96 738	25 288,648	509 748,203	20,157	19,693	89	89	6 150	287,848	833,678	2,896	2,432
40	40	96 557	24 387,632	484 459,555	19,865	19,401	90	90	4 421	199,926	545,830	2,730	2,266
41	41	96 357	23 514,032	460 071,923	19,566	19,102	91	91	3 126	136,596	345,904	2,532	2,068
42	42	96 134	22 666,274	436 557,891	19,260	18,796	92	92	2 083	87,933	209,307	2,380	1,916
43	43	95 888	21 843,783	413 891,618	18,948	18,484	93	93	1 322	53,935	121,374	2,250	1,786
44	44	95 602	21 042,283	392 047,835	18,631	18,167	94	94	803	31,651	67,440	2,131	1,667
45	45	95 291	20 264,501	371 005,552	18,308	17,844	95	95	465	17,697	35,789	2,022	1,558
46	46	94 933	19 505,613	350 741,051	17,982	17,518	96	96	256	9,403	18,092	1,924	1,460
47	47	94 524	18 764,945	331 235,438	17,652	17,188	97	97	133	4,735	8,690	1,835	1,371
48	48	94 068	18 042,932	312 470,493	17,318	16,854	98	98	66	2,254	3,955	1,755	1,291
49	49	93 563	17 339,034	294 427,561	16,981	16,517	99	99	30	1,011	1,701	1,682	1,218
							100	100	13	0,427	0,690	1,616	1,152



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 662 511,641	26,711	26,247	50	51	92 786	16 613,613	274 268,482	16,509	16,045
1	2	99 247	95 890,744	2 562 831,602	26,727	26,263	51	52	92 159	15 943,417	257 654,869	16,161	15,697
2	3	99 196	92 600,154	2 466 940,858	26,641	26,177	52	53	91 463	15 287,834	241 711,452	15,811	15,347
3	4	99 162	89 438,701	2 374 340,704	26,547	26,083	53	54	90 705	14 648,510	226 423,618	15,457	14,993
4	5	99 135	86 390,801	2 284 902,004	26,448	25,984	54	55	89 897	14 027,113	211 775,108	15,098	14,634
5	6	99 112	83 449,796	2 198 511,203	26,345	25,881	55	56	89 000	13 417,474	197 747,995	14,738	14,274
6	7	99 093	80 612,029	2 115 061,407	26,238	25,774	56	57	88 051	12 825,482	184 330,521	14,372	13,908
7	8	99 074	77 871,301	2 034 449,377	26,126	25,662	57	58	87 034	12 248,711	171 505,039	14,002	13,538
8	9	99 058	75 226,023	1 956 578,076	26,009	25,545	58	59	85 947	11 686,717	159 256,328	13,627	13,163
9	10	99 042	72 670,547	1 881 352,053	25,889	25,425	59	60	84 780	11 138,191	147 569,611	13,249	12,785
10	11	99 026	70 201,405	1 808 681,506	25,764	25,300	60	61	83 508	10 599,978	136 431,420	12,871	12,407
11	12	99 009	67 815,993	1 738 480,101	25,635	25,171	61	62	82 152	10 075,322	125 831,443	12,489	12,025
12	13	98 992	65 511,306	1 670 664,108	25,502	25,038	62	63	80 719	9 564,777	115 756,121	12,102	11,638
13	14	98 972	63 283,103	1 605 152,802	25,365	24,901	63	64	79 195	9 066,848	106 191,344	11,712	11,248
14	15	98 951	61 130,173	1 541 869,698	25,223	24,759	64	65	77 593	8 582,976	97 124,497	11,316	10,852
15	16	98 921	59 045,224	1 480 739,525	25,078	24,614	65	66	75 885	8 110,259	88 541,520	10,917	10,453
16	17	98 886	57 027,961	1 421 694,301	24,930	24,466	66	67	74 088	7 650,458	80 431,262	10,513	10,049
17	18	98 839	55 073,472	1 364 666,341	24,779	24,315	67	68	72 196	7 202,965	72 780,803	10,104	9,640
18	19	98 784	53 181,296	1 309 592,869	24,625	24,161	68	69	70 200	6 766,985	65 577,838	9,691	9,227
19	20	98 708	51 343,295	1 256 411,573	24,471	24,007	69	70	68 066	6 339,361	58 810,853	9,277	8,813
20	21	98 633	49 569,536	1 205 068,278	24,311	23,847	70	71	65 799	5 920,981	52 471,493	8,862	8,398
21	22	98 553	47 854,315	1 155 498,742	24,146	23,682	71	72	63 389	5 511,276	46 550,512	8,446	7,982
22	23	98 474	46 199,361	1 107 644,427	23,975	23,511	72	73	60 796	5 107,068	41 039,236	8,036	7,572
23	24	98 397	44 601,801	1 061 445,066	23,798	23,334	73	74	58 004	4 707,768	35 932,168	7,633	7,169
24	25	98 320	43 060,002	1 016 843,265	23,615	23,151	74	75	55 060	4 317,670	31 224,400	7,232	6,768
25	26	98 242	41 570,632	973 783,264	23,425	22,961	75	76	51 890	3 931,491	26 906,730	6,844	6,380
26	27	98 157	40 130,333	932 212,632	23,230	22,766	76	77	48 566	3 555,206	22 975,239	6,462	5,998
27	28	98 072	38 739,587	892 082,299	23,028	22,564	77	78	45 077	3 188,220	19 420,033	6,091	5,627
28	29	97 984	37 396,147	853 342,712	22,819	22,355	78	79	41 412	2 829,959	16 231,813	5,736	5,272
29	30	97 896	36 099,137	815 946,565	22,603	22,139	79	80	37 640	2 485,178	13 401,853	5,393	4,929
30	31	97 807	34 846,388	779 847,428	22,380	21,916	80	81	33 826	2 157,834	10 916,675	5,059	4,595
31	32	97 710	33 634,673	745 001,040	22,150	21,686	81	82	29 968	1 847,108	8 758,841	4,742	4,278
32	33	97 604	32 461,934	711 366,367	21,914	21,450	82	83	26 148	1 557,147	6 911,733	4,439	3,975
33	34	97 495	31 329,433	678 904,433	21,670	21,206	83	84	22 436	1 290,925	5 354,586	4,148	3,684
34	35	97 385	30 235,725	647 575,000	21,418	20,954	84	85	18 900	1 050,700	4 063,661	3,868	3,404
35	36	97 265	29 177,218	617 339,275	21,158	20,694	85	86	15 555	835,461	3 012,961	3,606	3,142
36	37	97 135	28 153,015	588 162,056	20,892	20,428	86	87	12 466	646,942	2 177,500	3,366	2,902
37	38	96 996	27 161,855	560 009,041	20,617	20,153	87	88	9 650	483,871	1 530,558	3,163	2,699
38	39	96 843	26 201,961	532 847,186	20,336	19,872	88	89	7 242	350,845	1 046,688	2,983	2,519
39	40	96 670	25 270,864	506 645,225	20,049	19,585	89	90	5 290	247,616	695,843	2,810	2,346
40	41	96 488	24 370,249	481 374,361	19,753	19,289	90	91	3 766	170,298	448,227	2,632	2,168
41	42	96 277	23 494,492	457 004,113	19,452	18,988	91	92	2 585	112,945	277,929	2,461	1,997
42	43	96 043	22 644,833	433 509,620	19,144	18,680	92	93	1 689	71,315	164,984	2,313	1,849
43	44	95 786	21 820,726	410 864,788	18,829	18,365	93	94	1 049	42,777	93,669	2,190	1,726
44	45	95 494	21 018,488	389 044,062	18,510	18,046	94	95	622	24,517	50,892	2,076	1,612
45	46	95 162	20 237,092	368 025,575	18,186	17,722	95	96	351	13,371	26,375	1,973	1,509
46	47	94 785	19 475,362	347 788,483	17,858	17,394	96	97	188	6,920	13,004	1,879	1,415
47	48	94 360	18 732,380	328 313,121	17,527	17,062	97	98	95	3,390	6,084	1,794	1,330
48	49	93 894	18 009,500	309 580,741	17,190	16,726	98	99	46	1,568	2,693	1,718	1,254
49	50	93 367	17 302,759	291 571,242	16,851	16,387	99	100	21	0,683	1,125	1,648	1,184

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 658 745,961	26,680	26,216	50	52	92 555	16 572,232	271 236,933	16,367	15,903
1	3	99 231	95 875,285	2 559 094,265	26,692	26,228	51	53	91 904	15 899,241	254 664,701	16,017	15,553
2	4	99 181	92 586,877	2 463 218,980	26,604	26,140	52	54	91 185	15 241,371	238 765,460	15,666	15,202
3	5	99 150	89 427,982	2 370 632,103	26,509	26,045	53	55	90 416	14 601,838	223 524,089	15,308	14,844
4	6	99 126	86 382,986	2 281 204,122	26,408	25,944	54	56	89 574	13 976,650	208 922,251	14,948	14,484
5	7	99 104	83 443,105	2 194 821,136	26,303	25,839	55	57	88 662	13 366,583	194 945,601	14,585	14,121
6	8	99 084	80 605,295	2 111 378,030	26,194	25,730	56	58	87 687	12 772,560	181 579,018	14,216	13,752
7	9	99 068	77 866,465	2 030 772,736	26,080	25,616	57	59	86 637	12 192,861	168 806,457	13,845	13,381
8	10	99 052	75 221,248	1 952 906,271	25,962	25,498	58	60	85 537	11 630,874	156 613,596	13,465	13,001
9	11	99 035	72 664,692	1 877 685,023	25,840	25,376	59	61	84 317	11 077,288	144 982,723	13,088	12,624
10	12	99 018	70 195,830	1 805 020,331	25,714	25,250	60	62	83 033	10 539,712	133 905,434	12,705	12,241
11	13	99 002	67 810,795	1 734 824,501	25,583	25,119	61	63	81 637	10 012,101	123 365,723	12,322	11,858
12	14	98 982	65 504,862	1 667 013,706	25,449	24,985	62	64	80 181	9 500,993	113 353,621	11,931	11,467
13	15	98 960	63 275,269	1 601 508,845	25,310	24,846	63	65	78 625	9 001,604	103 852,629	11,537	11,073
14	16	98 938	61 121,886	1 538 233,576	25,167	24,703	64	66	76 992	8 516,523	94 851,024	11,137	10,673
15	17	98 905	59 035,731	1 477 111,689	25,021	24,557	65	67	75 262	8 043,594	86 334,501	10,733	10,269
16	18	98 868	57 017,950	1 418 075,958	24,871	24,407	66	68	73 420	7 581,454	78 290,907	10,327	9,863
17	19	98 817	55 061,441	1 361 058,007	24,719	24,255	67	69	71 489	7 132,411	70 709,453	9,914	9,450
18	20	98 762	53 169,859	1 305 996,566	24,563	24,099	68	70	69 430	6 692,767	63 577,042	9,499	9,035
19	21	98 687	51 332,462	1 252 826,707	24,406	23,942	69	71	67 253	6 263,617	56 884,275	9,082	8,618
20	22	98 612	49 558,822	1 201 494,245	24,244	23,780	70	72	64 921	5 841,977	50 620,658	8,665	8,201
21	23	98 530	47 843,318	1 151 935,423	24,077	23,613	71	73	62 408	5 425,989	44 778,681	8,253	7,789
22	24	98 452	46 188,852	1 104 092,105	23,904	23,440	72	74	59 742	5 018,535	39 352,693	7,841	7,377
23	25	98 374	44 591,661	1 057 903,252	23,724	23,260	73	75	56 883	4 616,794	34 334,158	7,437	6,973
24	26	98 298	43 050,406	1 013 311,592	23,538	23,074	74	76	53 833	4 221,467	29 717,364	7,040	6,576
25	27	98 215	41 559,526	970 261,186	23,346	22,882	75	77	50 575	3 831,837	25 495,896	6,654	6,190
26	28	98 132	40 119,974	928 701,660	23,148	22,684	76	78	47 160	3 452,268	21 664,060	6,275	5,811
27	29	98 046	38 729,525	888 581,685	22,943	22,479	77	79	43 578	3 082,186	18 211,792	5,909	5,445
28	30	97 957	37 385,774	849 852,161	22,732	22,268	78	80	39 857	2 723,693	15 129,605	5,555	5,091
29	31	97 870	36 089,230	812 466,386	22,513	22,049	79	81	36 007	2 377,388	12 405,913	5,218	4,754
30	32	97 775	34 835,027	776 377,156	22,287	21,823	80	82	32 151	2 051,030	10 028,525	4,890	4,425
31	33	97 676	33 623,024	741 542,129	22,055	21,591	81	83	28 264	1 742,067	7 977,495	4,579	4,115
32	34	97 568	32 450,189	707 919,105	21,816	21,352	82	84	24 449	1 455,996	6 235,428	4,283	3,819
33	35	97 456	31 316,719	675 468,916	21,569	21,105	83	85	20 776	1 195,415	4 779,431	3,998	3,534
34	36	97 344	30 222,840	644 152,196	21,313	20,849	84	86	17 288	961,080	3 584,016	3,729	3,265
35	37	97 220	29 163,612	613 929,356	21,051	20,587	85	87	14 051	754,715	2 622,936	3,475	3,011
36	38	97 084	28 138,187	584 765,744	20,782	20,318	86	88	11 037	572,763	1 868,221	3,262	2,798
37	39	96 938	27 145,841	556 627,557	20,505	20,041	87	89	8 440	423,163	1 295,459	3,061	2,597
38	40	96 775	26 183,534	529 481,716	20,222	19,758	88	90	6 230	301,808	872,296	2,890	2,426
39	41	96 602	25 252,851	503 298,182	19,930	19,466	89	91	4 506	210,920	570,488	2,705	2,241
40	42	96 408	24 349,998	478 045,331	19,632	19,168	90	92	3 114	140,812	359,568	2,554	2,090
41	43	96 185	23 472,268	453 695,333	19,329	18,865	91	93	2 096	91,601	218,756	2,388	1,924
42	44	95 941	22 620,930	430 223,066	19,019	18,555	92	94	1 340	56,561	127,156	2,248	1,784
43	45	95 678	21 796,050	407 602,136	18,701	18,237	93	95	812	33,135	70,594	2,131	1,666
44	46	95 365	20 990,059	385 806,085	18,380	17,916	94	96	470	18,524	37,459	2,022	1,558
45	47	95 014	20 205,706	364 816,027	18,055	17,591	95	97	258	9,841	18,935	1,924	1,460
46	48	94 621	19 441,564	344 610,321	17,725	17,261	96	98	135	4,955	9,094	1,835	1,371
47	49	94 185	18 697,669	325 168,757	17,391	16,927	97	99	66	2,359	4,139	1,755	1,291
48	50	93 698	17 971,822	306 471,088	17,053	16,589	98	100	31	1,059	1,780	1,682	1,218
49	51	93 149	17 262,332	288 499,265	16,713	16,249							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 654 718,560	26,644	26,180	50	53	92 298	16 526,313	267 984,017	16,216	15,752
1	4	99 217	95 861,538	2 555 082,929	26,654	26,190	51	54	91 625	15 850,920	251 457,704	15,864	15,400
2	5	99 169	92 575,780	2 459 221,392	26,564	26,100	52	55	90 894	15 192,810	235 606,784	15,508	15,044
3	6	99 141	89 419,892	2 366 645,611	26,467	26,003	53	56	90 091	14 549,308	220 413,974	15,149	14,685
4	7	99 119	86 376,060	2 277 225,719	26,364	25,900	54	57	89 234	13 923,638	205 864,666	14,785	14,321
5	8	99 096	83 436,134	2 190 849,659	26,258	25,794	55	58	88 297	13 311,429	191 941,028	14,419	13,955
6	9	99 078	80 600,288	2 107 413,525	26,146	25,682	56	59	87 288	12 714,322	178 629,599	14,049	13,585
7	10	99 062	77 861,521	2 026 813,237	26,031	25,567	57	60	86 223	12 134,599	165 915,277	13,673	13,209
8	11	99 044	75 215,188	1 948 951,716	25,912	25,448	58	61	85 069	11 567,277	153 780,678	13,294	12,830
9	12	99 027	72 658,921	1 873 736,528	25,788	25,324	59	62	83 837	11 014,309	142 213,400	12,912	12,448
10	13	99 011	70 190,449	1 801 077,607	25,660	25,196	60	63	82 512	10 473,577	131 199,092	12,527	12,063
11	14	98 992	67 804,124	1 730 887,158	25,528	25,064	61	64	81 093	9 945,334	120 725,514	12,139	11,675
12	15	98 970	65 496,752	1 663 083,033	25,392	24,928	62	65	79 604	9 432,625	110 780,180	11,744	11,280
13	16	98 946	63 266,691	1 597 586,281	25,252	24,788	63	66	78 016	8 931,910	101 347,555	11,347	10,883
14	17	98 922	61 112,060	1 534 319,589	25,107	24,643	64	67	76 359	8 446,519	92 415,645	10,941	10,477
15	18	98 888	59 025,368	1 473 207,529	24,959	24,495	65	68	74 583	7 971,044	83 969,125	10,534	10,070
16	19	98 847	57 005,496	1 414 182,161	24,808	24,344	66	69	72 701	7 507,193	75 998,081	10,123	9,659
17	20	98 796	55 049,600	1 357 176,665	24,654	24,190	67	70	70 705	7 054,185	68 490,889	9,709	9,245
18	21	98 742	53 158,641	1 302 127,065	24,495	24,031	68	71	68 601	6 612,800	61 436,703	9,291	8,827
19	22	98 665	51 321,367	1 248 968,424	24,336	23,872	69	72	66 355	6 180,041	54 823,903	8,871	8,407
20	23	98 589	49 547,434	1 197 647,057	24,172	23,708	70	73	63 916	5 751,572	48 643,862	8,457	7,993
21	24	98 508	47 832,436	1 148 099,624	24,003	23,539	71	74	61 327	5 331,927	42 892,290	8,044	7,580
22	25	98 430	46 178,351	1 100 267,188	23,826	23,362	72	75	58 588	4 921,556	37 560,364	7,632	7,168
23	26	98 352	44 581,724	1 054 088,836	23,644	23,180	73	76	55 616	4 513,927	32 638,807	7,231	6,767
24	27	98 272	43 038,905	1 009 507,113	23,456	22,992	74	77	52 469	4 114,463	28 124,881	6,836	6,372
25	28	98 190	41 548,798	966 468,208	23,261	22,797	75	78	49 110	3 720,889	24 010,418	6,453	5,989
26	29	98 106	40 109,554	924 919,410	23,060	22,596	76	79	45 591	3 337,452	20 289,529	6,079	5,615
27	30	98 019	38 718,783	884 809,856	22,852	22,388	77	80	41 941	2 966,448	16 952,077	5,715	5,251
28	31	97 930	37 375,514	846 091,074	22,638	22,174	78	81	38 128	2 605,557	13 985,629	5,368	4,904
29	32	97 838	36 077,464	808 715,559	22,416	21,952	79	82	34 225	2 259,718	11 380,071	5,036	4,572
30	33	97 741	34 822,963	772 638,095	22,188	21,724	80	83	30 323	1 934,392	9 120,354	4,715	4,251
31	34	97 641	33 610,859	737 815,133	21,952	21,488	81	84	26 428	1 628,904	7 185,961	4,412	3,948
32	35	97 529	32 437,020	704 204,274	21,710	21,246	82	85	22 641	1 348,273	5 557,058	4,122	3,658
33	36	97 414	31 303,373	671 767,253	21,460	20,996	83	86	19 004	1 093,452	4 208,784	3,849	3,385
34	37	97 298	30 208,747	640 463,880	21,201	20,737	84	87	15 617	868,193	3 115,333	3,588	3,124
35	38	97 168	29 148,252	610 255,133	20,936	20,472	85	88	12 440	668,178	2 247,140	3,363	2,899
36	39	97 027	28 121,598	581 106,881	20,664	20,200	86	89	9 652	500,903	1 578,962	3,152	2,688
37	40	96 870	27 126,750	552 985,283	20,385	19,921	87	90	7 260	364,018	1 078,059	2,962	2,498
38	41	96 706	26 164,871	525 858,533	20,098	19,634	88	91	5 307	257,081	714,041	2,777	2,313
39	42	96 521	25 231,866	499 693,662	19,804	19,340	89	92	3 726	174,400	456,960	2,620	2,156
40	43	96 317	24 326,964	474 461,796	19,504	19,040	90	93	2 525	114,201	282,560	2,474	2,010
41	44	96 084	23 447,491	450 134,832	19,198	18,734	91	94	1 663	72,650	168,359	2,317	1,853
42	45	95 833	22 595,350	426 687,341	18,884	18,420	92	95	1 038	43,813	95,709	2,185	1,720
43	46	95 549	21 766,570	404 091,991	18,565	18,101	93	96	614	25,035	51,896	2,073	1,609
44	47	95 217	20 957,505	382 325,421	18,243	17,779	94	97	346	13,634	26,861	1,970	1,506
45	48	94 850	20 170,640	361 367,916	17,916	17,452	95	98	185	7,047	13,227	1,877	1,413
46	49	94 446	19 405,539	341 197,276	17,582	17,118	96	99	94	3,448	6,181	1,793	1,329
47	50	93 988	18 658,552	321 791,737	17,246	16,782	97	100	45	1,592	2,733	1,716	1,252
48	51	93 479	17 929,832	303 133,184	16,907	16,443							
49	52	92 917	17 219,335	285 203,352	16,563	16,099							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 650 403,236	26,605	26,141	50	54	92 018	16 476,087	264 502,448	16,054	15,590
1	5	99 205	95 850,049	2 550 781,891	26,612	26,148	51	55	91 333	15 800,416	248 026,362	15,697	15,233
2	6	99 161	92 567,406	2 454 931,842	26,520	26,056	52	56	90 567	15 138,153	232 225,945	15,340	14,876
3	7	99 133	89 412,723	2 362 364,436	26,421	25,957	53	57	89 749	14 494,124	217 087,792	14,978	14,514
4	8	99 110	86 368,844	2 272 951,714	26,317	25,853	54	58	88 866	13 866,185	202 593,668	14,611	14,147
5	9	99 090	83 430,952	2 186 582,870	26,208	25,744	55	59	87 894	13 250,734	188 727,483	14,243	13,779
6	10	99 072	80 595,171	2 103 151,918	26,095	25,631	56	60	86 871	12 653,569	175 476,749	13,868	13,404
7	11	99 054	77 855,249	2 022 556,747	25,978	25,514	57	61	85 752	12 068,249	162 823,181	13,492	13,028
8	12	99 036	75 209,214	1 944 701,498	25,857	25,393	58	62	84 585	11 501,512	150 754,932	13,107	12,643
9	13	99 019	72 653,352	1 869 492,284	25,732	25,268	59	63	83 311	10 945,196	139 253,220	12,723	12,259
10	14	99 001	70 183,544	1 796 838,932	25,602	25,138	60	64	81 962	10 403,733	128 308,223	12,333	11,869
11	15	98 980	67 795,731	1 726 655,388	25,468	25,004	61	65	80 509	9 873,770	117 904,491	11,941	11,477
12	16	98 957	65 487,874	1 658 859,657	25,331	24,867	62	66	78 988	9 359,594	108 030,721	11,542	11,078
13	17	98 930	63 256,521	1 593 371,784	25,189	24,725	63	67	77 375	8 858,492	98 671,127	11,139	10,675
14	18	98 904	61 101,333	1 530 115,263	25,042	24,578	64	68	75 670	8 370,335	89 812,635	10,730	10,266
15	19	98 866	59 012,475	1 469 013,930	24,893	24,429	65	69	73 852	7 892,967	81 442,300	10,318	9,854
16	20	98 825	56 993,236	1 410 001,455	24,740	24,276	66	70	71 904	7 424,856	73 549,334	9,906	9,442
17	21	98 775	55 037,985	1 353 008,219	24,583	24,119	67	71	69 860	6 969,900	66 124,478	9,487	9,023
18	22	98 720	53 147,150	1 297 970,234	24,422	23,958	68	72	67 685	6 524,566	59 154,577	9,066	8,602
19	23	98 643	51 309,574	1 244 823,083	24,261	23,797	69	73	65 328	6 084,404	52 630,012	8,650	8,186
20	24	98 567	49 536,164	1 193 513,510	24,094	23,630	70	74	62 808	5 651,866	46 545,608	8,235	7,771
21	25	98 485	47 821,561	1 143 977,346	23,922	23,458	71	75	60 142	5 228,892	40 893,742	7,821	7,357
22	26	98 408	46 168,061	1 096 155,785	23,743	23,279	72	76	57 282	4 811,898	35 664,849	7,412	6,948
23	27	98 326	44 569,813	1 049 987,724	23,558	23,094	73	77	54 206	4 399,509	30 852,951	7,013	6,549
24	28	98 247	43 027,795	1 005 417,911	23,367	22,903	74	78	50 949	3 995,332	26 453,442	6,621	6,157
25	29	98 164	41 538,006	962 390,116	23,169	22,705	75	79	47 477	3 597,139	22 458,111	6,243	5,779
26	30	98 079	40 098,429	920 852,110	22,965	22,501	76	80	43 879	3 212,129	18 860,972	5,872	5,408
27	31	97 992	38 708,157	880 753,680	22,754	22,290	77	81	40 122	2 837,784	15 648,843	5,514	5,050
28	32	97 898	37 363,329	842 045,524	22,537	22,073	78	82	36 241	2 476,593	12 811,059	5,173	4,709
29	33	97 804	36 064,969	804 682,195	22,312	21,848	79	83	32 279	2 131,212	10 334,466	4,849	4,385
30	34	97 706	34 810,364	768 617,226	22,080	21,616	80	84	28 353	1 808,736	8 203,253	4,535	4,071
31	35	97 601	33 597,219	733 806,862	21,841	21,377	81	85	24 473	1 508,388	6 394,517	4,239	3,775
32	36	97 487	32 423,197	700 209,643	21,596	21,132	82	86	20 709	1 233,272	4 886,129	3,962	3,498
33	37	97 369	31 288,776	667 786,446	21,343	20,879	83	87	17 167	987,771	3 652,858	3,698	3,234
34	38	97 247	30 192,836	636 497,670	21,081	20,617	84	88	13 827	768,644	2 665,087	3,467	3,003
35	39	97 111	29 131,067	606 304,834	20,813	20,349	85	89	10 879	584,347	1 896,442	3,245	2,781
36	40	96 959	28 101,821	577 173,767	20,539	20,075	86	90	8 303	430,892	1 312,095	3,045	2,581
37	41	96 801	27 107,414	549 071,946	20,255	19,791	87	91	6 184	310,072	881,203	2,842	2,378
38	42	96 625	26 143,128	521 964,531	19,966	19,502	88	92	4 388	212,569	571,131	2,687	2,223
39	43	96 430	25 207,998	495 821,403	19,669	19,205	89	93	3 022	141,442	358,562	2,535	2,071
40	44	96 215	24 301,286	470 613,405	19,366	18,902	90	94	2 003	90,574	217,120	2,397	1,933
41	45	95 975	23 420,976	446 312,119	19,056	18,592	91	95	1 288	56,275	126,546	2,249	1,785
42	46	95 703	22 564,788	422 891,143	18,741	18,277	92	96	784	33,103	70,271	2,123	1,659
43	47	95 401	21 732,812	400 326,355	18,420	17,956	93	97	452	18,426	37,168	2,017	1,553
44	48	95 052	20 921,135	378 593,543	18,096	17,632	94	98	248	9,762	18,742	1,920	1,456
45	49	94 674	20 133,265	357 672,408	17,765	17,301	95	99	129	4,902	8,979	1,832	1,368
46	50	94 248	19 364,942	337 539,143	17,430	16,966	96	100	63	2,327	4,077	1,752	1,288
47	51	93 769	18 614,957	318 174,201	17,092	16,628							
48	52	93 246	17 885,173	299 559,244	16,749	16,285							
49	53	92 659	17 171,623	281 674,072	16,403	15,939							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 645 784,519	26,562	26,098	50	55	91 725	16 423,591	260 785,242	15,879	15,415
1	6	99 196	95 841,378	2 546 175,114	26,567	26,103	51	56	91 004	15 743,574	244 361,651	15,521	15,057
2	7	99 153	92 559,984	2 450 333,736	26,473	26,009	52	57	90 224	15 080,736	228 618,077	15,160	14,696
3	8	99 125	89 405,253	2 357 773,752	26,372	25,908	53	58	89 379	14 434,317	213 537,341	14,794	14,330
4	9	99 104	86 363,479	2 268 368,499	26,265	25,801	54	59	88 461	13 802,960	199 103,025	14,425	13,961
5	10	99 084	83 425,655	2 182 005,020	26,155	25,691	55	60	87 474	13 187,417	185 300,064	14,051	13,587
6	11	99 064	80 588,679	2 098 579,365	26,041	25,577	56	61	86 396	12 584,380	172 112,647	13,677	13,213
7	12	99 046	77 849,066	2 017 990,686	25,922	25,458	57	62	85 264	11 999,635	159 528,267	13,294	12,830
8	13	99 029	75 203,449	1 940 141,620	25,799	25,335	58	63	84 055	11 429,343	147 528,632	12,908	12,444
9	14	99 009	72 646,205	1 864 938,171	25,672	25,207	59	64	82 756	10 872,207	136 099,289	12,518	12,054
10	15	98 989	70 174,856	1 792 291,967	25,540	25,076	60	65	81 372	10 328,870	125 227,082	12,124	11,660
11	16	98 966	67 786,540	1 722 117,111	25,405	24,941	61	66	79 886	9 797,323	114 898,212	11,728	11,263
12	17	98 941	65 477,346	1 654 330,571	25,266	24,802	62	67	78 338	9 282,660	105 100,890	11,322	10,858
13	18	98 913	63 245,417	1 588 853,225	25,122	24,658	63	68	76 677	8 778,591	95 818,230	10,915	10,451
14	19	98 883	61 087,986	1 525 607,809	24,974	24,510	64	69	74 929	8 288,346	87 039,638	10,501	10,037
15	20	98 845	58 999,784	1 464 519,823	24,822	24,358	65	70	73 042	7 806,399	78 751,292	10,088	9,624
16	21	98 805	56 981,211	1 405 520,039	24,666	24,202	66	71	71 045	7 336,143	70 944,893	9,671	9,207
17	22	98 754	55 026,089	1 348 538,827	24,507	24,043	67	72	68 928	6 876,901	63 608,750	9,250	8,786
18	23	98 698	53 134,938	1 293 512,738	24,344	23,880	68	73	66 638	6 423,597	56 731,849	8,832	8,368
19	24	98 620	51 297,903	1 240 377,801	24,180	23,716	69	74	64 196	5 978,929	50 308,252	8,414	7,950
20	25	98 544	49 524,902	1 189 079,898	24,010	23,546	70	75	61 594	5 542,649	44 329,324	7,998	7,534
21	26	98 463	47 810,904	1 139 554,996	23,835	23,371	71	76	58 802	5 112,387	38 786,675	7,587	7,123
22	27	98 381	46 155,726	1 091 744,092	23,653	23,189	72	77	55 830	4 689,928	33 674,289	7,180	6,716
23	28	98 301	44 558,308	1 045 588,365	23,466	23,002	73	78	52 637	4 272,125	28 984,361	6,785	6,321
24	29	98 221	43 016,619	1 001 030,057	23,271	22,807	74	79	49 255	3 862,454	24 712,236	6,398	5,934
25	30	98 137	41 526,485	958 013,437	23,070	22,606	75	80	45 694	3 462,064	20 849,782	6,022	5,558
26	31	98 052	40 087,424	916 486,952	22,862	22,398	76	81	41 976	3 072,808	17 387,718	5,659	5,195
27	32	97 960	38 695,537	876 399,528	22,649	22,185	77	82	38 136	2 697,326	14 314,909	5,307	4,843
28	33	97 864	37 350,388	837 703,991	22,428	21,964	78	83	34 180	2 335,755	11 617,584	4,974	4,510
29	34	97 768	36 051,921	800 353,603	22,200	21,736	79	84	30 182	1 992,771	9 281,829	4,658	4,194
30	35	97 666	34 796,237	764 301,682	21,965	21,501	80	85	26 256	1 674,915	7 289,058	4,352	3,888
31	36	97 559	33 582,902	729 505,445	21,723	21,259	81	86	22 385	1 379,729	5 614,143	4,069	3,605
32	37	97 442	32 408,078	695 922,543	21,474	21,010	82	87	18 708	1 114,078	4 234,414	3,801	3,337
33	38	97 318	31 272,296	663 514,465	21,217	20,753	83	88	15 199	874,512	3 120,336	3,568	3,104
34	39	97 190	30 175,035	632 242,169	20,952	20,488	84	89	12 092	672,209	2 245,824	3,341	2,877
35	40	97 043	29 110,580	602 067,134	20,682	20,218	85	90	9 359	502,674	1 573,615	3,130	2,666
36	41	96 890	28 081,790	572 956,554	20,403	19,939	86	91	7 073	367,035	1 070,941	2,918	2,454
37	42	96 721	27 084,889	544 874,763	20,117	19,653	87	92	5 113	256,385	703,906	2,746	2,281
38	43	96 534	26 118,398	517 789,875	19,825	19,361	88	93	3 559	172,397	447,521	2,596	2,132
39	44	96 328	25 181,390	491 671,476	19,525	19,061	89	94	2 397	112,180	275,125	2,453	1,989
40	45	96 106	24 273,805	466 490,086	19,218	18,754	90	95	1 551	70,160	162,945	2,322	1,858
41	46	95 845	23 389,298	442 216,281	18,907	18,443	91	96	973	42,519	92,785	2,182	1,718
42	47	95 555	22 529,792	418 826,983	18,590	18,126	92	97	577	24,364	50,266	2,063	1,599
43	48	95 235	21 695,096	396 297,191	18,267	17,803	93	98	323	13,194	25,902	1,963	1,499
44	49	94 876	20 882,369	374 602,095	17,939	17,475	94	99	172	6,792	12,708	1,871	1,407
45	50	94 476	20 091,145	353 719,726	17,606	17,142	95	100	87	3,310	5,916	1,788	1,324
46	51	94 028	19 319,696	333 628,581	17,269	16,805							
47	52	93 535	18 568,592	314 308,885	16,927	16,463							
48	53	92 988	17 835,616	295 740,294	16,581	16,117							
49	54	92 378	17 119,436	277 904,678	16,233	15,769							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 640 846,675	26,514	26,050	50	56	91 395	16 364,507	256 823,921	15,694	15,230
1	7	99 188	95 833,694	2 541 246,281	26,517	26,053	51	57	90 659	15 683,860	240 459,414	15,332	14,868
2	8	99 144	92 552,251	2 445 412,587	26,422	25,958	52	58	89 851	15 018,509	224 775,554	14,967	14,503
3	9	99 119	89 399,700	2 352 860,335	26,318	25,854	53	59	88 971	14 368,501	209 757,045	14,598	14,134
4	10	99 098	86 357,997	2 263 460,636	26,210	25,746	54	60	88 038	13 737,005	195 388,544	14,224	13,759
5	11	99 076	83 418,934	2 177 102,639	26,098	25,634	55	61	86 996	13 115,310	181 651,539	13,850	13,386
6	12	99 056	80 582,278	2 093 683,705	25,982	25,518	56	62	85 904	12 512,832	168 536,229	13,469	13,005
7	13	99 038	77 843,098	2 013 101,427	25,861	25,397	57	63	84 729	11 924,340	156 023,397	13,084	12,620
8	14	99 019	75 196,051	1 935 258,328	25,736	25,272	58	64	83 494	11 353,124	144 099,056	12,692	12,228
9	15	98 997	72 637,211	1 860 062,277	25,608	25,144	59	65	82 160	10 793,973	132 745,932	12,298	11,834
10	16	98 975	70 165,343	1 787 425,066	25,474	25,010	60	66	80 742	10 248,899	121 951,959	11,899	11,435
11	17	98 950	67 775,643	1 717 259,723	25,337	24,873	61	67	79 229	9 716,791	111 703,060	11,496	11,032
12	18	98 923	65 465,852	1 649 484,080	25,196	24,732	62	68	77 632	9 198,934	101 986,270	11,087	10,623
13	19	98 891	63 231,601	1 584 018,228	25,051	24,587	63	69	75 926	8 692,604	92 787,336	10,674	10,210
14	20	98 862	61 074,849	1 520 786,627	24,900	24,436	64	70	74 107	8 197,443	84 094,732	10,259	9,795
15	21	98 824	58 987,336	1 459 711,778	24,746	24,282	65	71	72 169	7 713,127	75 897,289	9,840	9,376
16	22	98 783	56 968,895	1 400 724,443	24,588	24,124	66	72	70 097	7 238,256	68 184,162	9,420	8,956
17	23	98 731	55 013,444	1 343 755,548	24,426	23,962	67	73	67 861	6 770,480	60 945,906	9,002	8,538
18	24	98 675	53 122,852	1 288 742,103	24,260	23,796	68	74	65 483	6 312,241	54 175,426	8,583	8,119
19	25	98 598	51 286,240	1 235 619,251	24,093	23,629	69	75	62 955	5 863,391	47 863,185	8,163	7,699
20	26	98 522	49 513,865	1 184 333,011	23,919	23,455	70	76	60 222	5 419,152	41 999,793	7,750	7,286
21	27	98 437	47 798,131	1 134 819,146	23,742	23,278	71	77	57 311	4 982,799	36 580,641	7,341	6,877
22	28	98 356	46 143,812	1 087 021,015	23,557	23,093	72	78	54 214	4 554,134	31 597,842	6,938	6,474
23	29	98 275	44 546,735	1 040 877,202	23,366	22,902	73	79	50 886	4 130,042	27 043,708	6,548	6,084
24	30	98 194	43 004,688	996 330,467	23,168	22,704	74	80	47 405	3 717,417	22 913,666	6,164	5,700
25	31	98 110	41 515,089	953 325,779	22,963	22,499	75	81	43 712	3 311,903	19 196,249	5,796	5,332
26	32	98 020	40 074,355	911 810,690	22,753	22,289	76	82	39 898	2 920,717	15 884,346	5,439	4,974
27	33	97 926	38 682,135	871 736,335	22,536	22,072	77	83	35 968	2 543,935	12 963,629	5,096	4,632
28	34	97 829	37 336,875	833 054,201	22,312	21,848	78	84	31 960	2 184,026	10 419,694	4,771	4,307
29	35	97 729	36 037,290	795 717,325	22,080	21,616	79	85	27 949	1 845,334	8 235,668	4,463	3,999
30	36	97 624	34 781,408	759 680,035	21,842	21,378	80	86	24 016	1 532,053	6 390,334	4,171	3,707
31	37	97 514	33 567,241	724 898,627	21,595	21,131	81	87	20 222	1 246,381	4 858,281	3,898	3,434
32	38	97 390	32 391,008	691 331,385	21,343	20,879	82	88	16 563	986,336	3 611,900	3,662	3,198
33	39	97 260	31 253,859	658 940,377	21,083	20,619	83	89	13 292	764,794	2 625,565	3,433	2,969
34	40	97 121	30 153,814	627 686,518	20,816	20,352	84	90	10 402	578,255	1 860,771	3,218	2,754
35	41	96 974	29 089,831	597 532,704	20,541	20,077	85	91	7 972	428,179	1 282,516	2,995	2,531
36	42	96 809	28 058,455	568 442,873	20,259	19,795	86	92	5 848	303,485	854,337	2,815	2,351
37	43	96 629	27 059,268	540 384,418	19,970	19,506	87	93	4 147	207,932	550,851	2,649	2,185
38	44	96 432	26 090,829	513 325,150	19,675	19,211	88	94	2 822	136,731	342,919	2,508	2,044
39	45	96 219	25 152,914	487 234,321	19,371	18,907	89	95	1 856	86,895	206,188	2,373	1,909
40	46	95 976	24 240,973	462 081,407	19,062	18,598	90	96	1 172	53,009	119,293	2,250	1,786
41	47	95 697	23 353,023	437 840,434	18,749	18,285	91	97	716	31,294	66,283	2,118	1,654
42	48	95 389	22 490,693	414 487,410	18,429	17,965	92	98	413	17,446	34,989	2,006	1,542
43	49	95 059	21 654,896	391 996,717	18,102	17,638	93	99	225	9,179	17,543	1,911	1,447
44	50	94 677	20 838,681	370 341,821	17,772	17,308	94	100	116	4,585	8,364	1,824	1,360
45	51	94 255	20 044,203	349 503,140	17,437	16,973							
46	52	93 794	19 271,575	329 458,937	17,096	16,632							
47	53	93 276	18 517,141	310 187,362	16,751	16,287							
48	54	92 705	17 781,410	291 670,221	16,403	15,939							
49	55	92 083	17 064,891	273 888,811	16,050	15,586							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 635 573,672	26,464	26,000	50	57	91 048	16 302,438	252 615,064	15,496	15,032
1	8	99 180	95 825,688	2 535 981,263	26,465	26,000	51	58	90 285	15 619,144	236 312,626	15,130	14,666
2	9	99 138	92 546,503	2 440 155,575	26,367	25,903	52	59	89 442	14 950,030	220 693,482	14,762	14,298
3	10	99 113	89 394,024	2 347 609,073	26,261	25,797	53	60	88 546	14 299,844	205 743,452	14,388	13,924
4	11	99 090	86 351,040	2 258 215,049	26,152	25,688	54	61	87 557	13 661,893	191 443,608	14,013	13,549
5	12	99 068	83 412,309	2 171 864,009	26,038	25,574	55	62	86 501	13 040,743	177 781,716	13,633	13,169
6	13	99 049	80 576,101	2 088 451,700	25,919	25,455	56	63	85 365	12 434,317	164 740,973	13,249	12,785
7	14	99 028	77 835,441	2 007 875,598	25,796	25,332	57	64	84 164	11 844,821	152 306,656	12,859	12,394
8	15	99 007	75 186,742	1 930 040,158	25,670	25,206	58	65	82 893	11 271,429	140 461,835	12,462	11,998
9	16	98 984	72 627,365	1 854 853,416	25,539	25,075	59	66	81 524	10 710,401	129 190,405	12,062	11,598
10	17	98 959	70 154,063	1 782 226,051	25,404	24,940	60	67	80 078	10 164,656	118 480,004	11,656	11,192
11	18	98 933	67 763,745	1 712 071,988	25,265	24,801	61	68	78 514	9 629,149	108 315,349	11,249	10,785
12	19	98 902	65 451,552	1 644 308,243	25,123	24,659	62	69	76 871	9 108,829	98 686,200	10,834	10,370
13	20	98 870	63 218,003	1 578 856,691	24,975	24,511	63	70	75 094	8 597,266	89 577,370	10,419	9,955
14	21	98 841	61 061,963	1 515 638,688	24,821	24,357	64	71	73 222	8 099,498	80 980,104	9,998	9,534
15	22	98 803	58 974,586	1 454 576,725	24,664	24,200	65	72	71 206	7 610,210	72 880,606	9,577	9,113
16	23	98 761	56 955,804	1 395 602,139	24,503	24,039	66	73	69 012	7 126,243	65 270,396	9,159	8,695
17	24	98 709	55 000,931	1 338 646,335	24,339	23,875	67	74	66 685	6 653,111	58 144,152	8,739	8,275
18	25	98 653	53 110,774	1 283 645,404	24,169	23,705	68	75	64 217	6 190,263	51 491,042	8,318	7,854
19	26	98 576	51 274,811	1 230 534,630	23,999	23,535	69	76	61 553	5 732,748	45 300,778	7,902	7,438
20	27	98 496	49 500,637	1 179 259,819	23,823	23,359	70	77	58 696	5 281,789	39 568,030	7,491	7,027
21	28	98 412	47 785,793	1 129 759,181	23,642	23,178	71	78	55 652	4 838,526	34 286,241	7,086	6,622
22	29	98 331	46 131,827	1 081 973,388	23,454	22,990	72	79	52 411	4 402,672	29 447,715	6,689	6,225
23	30	98 248	44 534,380	1 035 841,561	23,259	22,795	73	80	48 975	3 974,956	25 045,043	6,301	5,837
24	31	98 167	42 992,886	991 307,181	23,057	22,593	74	81	45 349	3 556,181	21 070,087	5,925	5,461
25	32	98 078	41 501,554	948 314,296	22,850	22,386	75	82	41 549	3 147,978	17 513,906	5,564	5,100
26	33	97 986	40 060,475	906 812,742	22,636	22,172	76	83	37 630	2 754,622	14 365,928	5,215	4,751
27	34	97 891	38 668,140	866 752,266	22,415	21,951	77	84	33 631	2 378,683	11 611,306	4,881	4,417
28	35	97 789	37 321,723	828 084,126	22,188	21,724	78	85	29 595	2 022,439	9 232,623	4,565	4,101
29	36	97 687	36 021,933	790 762,403	21,952	21,488	79	86	25 565	1 687,935	7 210,183	4,272	3,808
30	37	97 579	34 765,189	754 740,471	21,710	21,246	80	87	21 695	1 383,982	5 522,248	3,990	3,526
31	38	97 463	33 549,562	719 975,281	21,460	20,996	81	88	17 903	1 103,469	4 138,266	3,750	3,286
32	39	97 333	32 371,912	686 425,720	21,204	20,740	82	89	14 485	862,588	3 034,797	3,518	3,054
33	40	97 192	31 231,880	654 053,808	20,942	20,478	83	90	11 434	657,899	2 172,209	3,302	2,838
34	41	97 052	30 132,321	622 821,928	20,670	20,206	84	91	8 860	492,560	1 514,310	3,074	2,610
35	42	96 893	29 065,658	592 689,608	20,391	19,927	85	92	6 592	354,043	1 021,750	2,886	2,422
36	43	96 718	28 031,913	563 623,950	20,107	19,642	86	93	4 743	246,132	667,708	2,713	2,249
37	44	96 527	27 030,705	535 592,037	19,814	19,350	87	94	3 289	164,915	421,576	2,556	2,092
38	45	96 323	26 061,325	508 561,332	19,514	19,050	88	95	2 186	105,913	256,661	2,423	1,959
39	46	96 089	25 118,893	482 500,007	19,209	18,745	89	96	1 403	65,654	150,748	2,296	1,832
40	47	95 827	24 203,378	457 381,113	18,897	18,433	90	97	863	39,015	85,094	2,181	1,717
41	48	95 531	23 312,496	433 177,736	18,581	18,117	91	98	513	22,408	46,079	2,056	1,592
42	49	95 212	22 449,019	409 865,240	18,258	17,794	92	99	287	12,137	23,671	1,950	1,486
43	50	94 860	21 609,593	387 416,221	17,928	17,464	93	100	152	6,197	11,534	1,861	1,397
44	51	94 456	20 789,993	365 806,628	17,595	17,131							
45	52	94 020	19 994,277	345 016,636	17,256	16,792							
46	53	93 534	19 218,176	325 022,359	16,912	16,448							
47	54	92 993	18 460,864	305 804,183	16,565	16,101							
48	55	92 410	17 724,756	287 343,319	16,211	15,747							
49	56	91 752	17 003,499	269 618,563	15,857	15,393							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 629 951,759	26,409	25,945	50	58	90 672	16 235,170	248 152,281	15,285	14,821
1	9	99 173	95 819,736	2 530 367,670	26,408	25,944	51	59	89 873	15 547,926	231 917,111	14,916	14,452
2	10	99 132	92 540,627	2 434 547,935	26,308	25,844	52	60	89 014	14 878,593	216 369,185	14,542	14,078
3	11	99 105	89 386,823	2 342 007,307	26,201	25,737	53	61	88 062	14 221,654	201 490,592	14,168	13,704
4	12	99 082	86 344,182	2 252 620,484	26,089	25,625	54	62	87 059	13 584,219	187 268,938	13,786	13,322
5	13	99 060	83 405,915	2 166 276,303	25,973	25,509	55	63	85 958	12 958,915	173 684,719	13,403	12,939
6	14	99 039	80 568,175	2 082 870,388	25,852	25,388	56	64	84 796	12 351,397	160 725,804	13,013	12,549
7	15	99 016	77 825,805	2 002 302,213	25,728	25,264	57	65	83 559	11 759,588	148 374,407	12,617	12,153
8	16	98 993	75 176,550	1 924 476,408	25,599	25,135	58	66	82 251	11 184,161	136 614,819	12,215	11,751
9	17	98 968	72 615,689	1 849 299,858	25,467	25,003	59	67	80 854	10 622,364	125 430,658	11,808	11,344
10	18	98 942	70 141,748	1 776 684,169	25,330	24,866	60	68	79 356	10 072,974	114 808,294	11,398	10,934
11	19	98 911	67 748,943	1 706 542,421	25,189	24,725	61	69	77 745	9 534,830	104 735,320	10,984	10,520
12	20	98 881	65 437,476	1 638 793,477	25,044	24,580	62	70	76 028	9 008,927	95 200,490	10,567	10,103
13	21	98 849	63 204,665	1 573 356,001	24,893	24,429	63	71	74 196	8 494,544	86 191,563	10,147	9,683
14	22	98 819	61 048,764	1 510 151,337	24,737	24,273	64	72	72 245	7 991,426	77 697,019	9,723	9,259
15	23	98 780	58 961,034	1 449 102,572	24,577	24,113	65	73	70 105	7 492,441	69 705,593	9,303	8,839
16	24	98 738	56 942,849	1 390 141,539	24,413	23,949	66	74	67 816	7 002,707	62 213,151	8,884	8,420
17	25	98 686	54 988,427	1 333 198,690	24,245	23,781	67	75	65 396	6 524,546	55 210,444	8,462	7,998
18	26	98 631	53 098,939	1 278 210,263	24,072	23,608	68	76	62 787	6 052,337	48 685,898	8,044	7,580
19	27	98 550	51 261,113	1 225 111,324	23,899	23,435	69	77	59 992	5 587,436	42 633,562	7,630	7,166
20	28	98 470	49 487,860	1 173 850,211	23,720	23,256	70	78	56 996	5 128,859	37 046,125	7,223	6,759
21	29	98 386	47 773,382	1 124 362,352	23,535	23,071	71	79	53 801	4 677,606	31 917,267	6,823	6,359
22	30	98 303	46 119,032	1 076 588,970	23,344	22,880	72	80	50 443	4 237,349	27 239,661	6,428	5,964
23	31	98 221	44 522,158	1 030 469,938	23,145	22,681	73	81	46 851	3 802,550	23 002,312	6,049	5,585
24	32	98 135	42 978,869	985 947,781	22,940	22,476	74	82	43 105	3 380,165	19 199,762	5,680	5,216
25	33	98 044	41 487,180	942 968,912	22,729	22,265	75	83	39 186	2 968,959	15 819,597	5,328	4,864
26	34	97 951	40 045,982	901 481,732	22,511	22,047	76	84	35 185	2 575,685	12 850,638	4,989	4,525
27	35	97 851	38 652,448	861 435,750	22,287	21,823	77	85	31 143	2 202,694	10 274,953	4,665	4,201
28	36	97 748	37 305,818	822 783,302	22,055	21,591	78	86	27 071	1 849,935	8 072,259	4,364	3,900
29	37	97 642	36 005,135	785 477,484	21,816	21,352	79	87	23 094	1 524,799	6 222,325	4,081	3,617
30	38	97 527	34 746,879	749 472,349	21,569	21,105	80	88	19 207	1 225,292	4 697,526	3,834	3,370
31	39	97 405	33 529,782	714 725,470	21,316	20,852	81	89	15 657	965,025	3 472,233	3,598	3,134
32	40	97 264	32 349,146	681 195,688	21,058	20,594	82	90	12 460	742,025	2 507,208	3,379	2,915
33	41	97 123	31 209,618	648 846,542	20,790	20,326	83	91	9 740	560,401	1 765,183	3,150	2,686
34	42	96 971	30 107,281	617 636,925	20,515	20,051	84	92	7 326	407,276	1 204,782	2,958	2,494
35	43	96 801	29 038,163	587 529,644	20,233	19,769	85	93	5 346	287,134	797,506	2,777	2,313
36	44	96 615	28 002,324	558 491,481	19,944	19,480	86	94	3 762	195,211	510,372	2,614	2,150
37	45	96 418	27 000,139	530 489,157	19,648	19,184	87	95	2 548	127,744	315,160	2,467	2,003
38	46	96 193	26 026,075	503 489,018	19,346	18,882	88	96	1 652	80,023	187,416	2,342	1,878
39	47	95 940	25 079,936	477 462,943	19,038	18,574	89	97	1 032	48,322	107,394	2,222	1,758
40	48	95 661	24 161,375	452 383,006	18,723	18,259	90	98	618	27,937	59,072	2,114	1,650
41	49	95 354	23 269,299	428 221,632	18,403	17,939	91	99	357	15,590	31,135	1,997	1,533
42	50	95 013	22 402,054	404 952,333	18,077	17,613	92	100	194	8,194	15,545	1,897	1,433
43	51	94 638	21 559,103	382 550,279	17,744	17,280							
44	52	94 221	20 738,209	360 991,177	17,407	16,943							
45	53	93 760	19 938,876	340 252,967	17,065	16,601							
46	54	93 249	19 159,769	320 314,092	16,718	16,254							
47	55	92 696	18 402,045	301 154,323	16,365	15,901							
48	56	92 077	17 660,990	282 752,278	16,010	15,546							
49	57	91 404	16 939,007	265 091,288	15,650	15,186							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 623 968,981	26,351	25,887	50	59	90 259	16 161,143	243 432,123	15,063	14,599
1	10	99 167	95 813,653	2 524 391,078	26,347	25,883	51	60	89 444	15 473,633	227 270,980	14,688	14,224
2	11	99 124	92 533,172	2 428 577,426	26,245	25,781	52	61	88 528	14 797,239	211 797,347	14,313	13,849
3	12	99 097	89 379,723	2 336 044,253	26,136	25,672	53	62	87 561	14 140,797	197 000,108	13,931	13,467
4	13	99 074	86 337,563	2 246 664,530	26,022	25,558	54	63	86 513	13 498,981	182 859,311	13,546	13,082
5	14	99 050	83 397,711	2 160 326,967	25,904	25,440	55	64	85 385	12 872,497	169 360,330	13,157	12,693
6	15	99 027	80 558,201	2 076 929,256	25,782	25,318	56	65	84 186	12 262,519	156 487,833	12,761	12,297
7	16	99 003	77 815,255	1 996 371,055	25,655	25,191	57	66	82 912	11 668,540	144 225,315	12,360	11,896
8	17	98 977	75 164,464	1 918 555,800	25,525	25,061	58	67	81 575	11 092,230	132 556,774	11,950	11,486
9	18	98 950	72 602,942	1 843 391,336	25,390	24,926	59	68	80 125	10 526,554	121 464,544	11,539	11,075
10	19	98 920	70 126,427	1 770 788,394	25,251	24,787	60	69	78 579	9 974,308	110 937,990	11,122	10,658
11	20	98 890	67 734,374	1 700 661,967	25,108	24,644	61	70	76 893	9 430,255	100 963,682	10,706	10,242
12	21	98 860	65 423,669	1 632 927,594	24,959	24,495	62	71	75 120	8 901,286	91 533,427	10,283	9,819
13	22	98 828	63 191,003	1 567 503,924	24,806	24,342	63	72	73 206	8 381,202	82 632,141	9,859	9,395
14	23	98 797	61 034,736	1 504 312,921	24,647	24,183	64	73	71 127	7 867,758	74 250,939	9,437	8,973
15	24	98 758	58 947,623	1 443 278,185	24,484	24,020	65	74	68 889	7 362,557	66 383,181	9,016	8,552
16	25	98 716	56 929,903	1 384 330,563	24,316	23,852	66	75	66 505	6 867,386	59 020,625	8,594	8,130
17	26	98 664	54 976,173	1 327 400,660	24,145	23,681	67	76	63 939	6 379,171	52 153,238	8,176	7,712
18	27	98 604	53 084,753	1 272 424,487	23,970	23,506	68	77	61 195	5 898,924	45 774,067	7,760	7,296
19	28	98 524	51 247,881	1 219 339,734	23,793	23,329	69	78	58 255	5 425,656	39 875,143	7,349	6,885
20	29	98 445	49 475,006	1 168 091,853	23,610	23,146	70	79	55 101	4 958,283	34 449,487	6,948	6,484
21	30	98 359	47 760,131	1 118 616,847	23,422	22,958	71	80	51 781	4 501,959	29 491,204	6,551	6,087
22	31	98 276	46 106,375	1 070 856,716	23,226	22,762	72	81	48 255	4 053,562	24 989,246	6,165	5,701
23	32	98 189	44 507,642	1 024 750,341	23,024	22,560	73	82	44 532	3 614,339	20 935,684	5,792	5,328
24	33	98 101	42 963,984	980 242,699	22,815	22,351	74	83	40 653	3 187,942	17 321,344	5,433	4,969
25	34	98 009	41 472,170	937 278,715	22,600	22,136	75	84	36 640	2 776,099	14 133,402	5,091	4,627
26	35	97 911	40 029,730	895 806,545	22,379	21,915	76	85	32 582	2 385,121	11 357,304	4,762	4,298
27	36	97 810	38 635,976	855 776,815	22,150	21,686	77	86	28 487	2 014,814	8 972,183	4,453	3,989
28	37	97 702	37 288,422	817 140,839	21,914	21,450	78	87	24 455	1 671,141	6 957,369	4,163	3,699
29	38	97 590	35 986,171	779 852,417	21,671	21,207	79	88	20 446	1 349,963	5 286,228	3,916	3,452
30	39	97 470	34 726,393	743 866,246	21,421	20,957	80	89	16 798	1 071,565	3 936,265	3,673	3,209
31	40	97 337	33 506,202	709 139,853	21,164	20,700	81	90	13 469	830,145	2 864,700	3,451	2,987
32	41	97 195	32 326,087	675 633,651	20,901	20,437	82	91	10 614	632,060	2 034,555	3,219	2,755
33	42	97 042	31 183,683	643 307,564	20,630	20,166	83	92	8 053	463,371	1 402,495	3,027	2,563
34	43	96 880	30 078,801	612 123,881	20,351	19,887	84	93	5 942	330,307	939,125	2,843	2,379
35	44	96 699	29 007,512	582 045,079	20,065	19,601	85	94	4 240	227,731	608,817	2,673	2,209
36	45	96 506	27 970,658	553 037,568	19,772	19,308	86	95	2 914	151,212	381,086	2,520	2,056
37	46	96 288	26 963,619	525 066,909	19,473	19,009	87	96	1 925	96,517	229,874	2,382	1,918
38	47	96 043	25 985,711	498 103,290	19,168	18,704	88	97	1 216	58,897	133,356	2,264	1,800
39	48	95 774	25 036,412	472 117,579	18,857	18,393	89	98	739	34,601	74,459	2,152	1,688
40	49	95 484	24 116,604	447 081,167	18,538	18,074	90	99	430	19,436	39,858	2,051	1,587
41	50	95 154	23 220,618	422 964,562	18,215	17,751	91	100	241	10,525	20,422	1,940	1,476
42	51	94 791	22 349,712	399 743,945	17,886	17,422							
43	52	94 402	21 505,403	377 394,232	17,549	17,085							
44	53	93 960	20 680,747	355 888,829	17,209	16,745							
45	54	93 475	19 878,278	335 208,082	16,863	16,399							
46	55	92 952	19 098,723	315 329,804	16,511	16,046							
47	56	92 363	18 335,843	296 231,081	16,156	15,692							
48	57	91 728	17 594,004	277 895,238	15,795	15,331							
49	58	91 027	16 869,112	260 301,234	15,431	14,967							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 617 611,195	26,289	25,825	50	60	89 828	16 083,919	238 453,443	14,826	14,362
1	11	99 159	95 805,934	2 518 039,614	26,283	25,819	51	61	88 955	15 389,025	222 369,524	14,450	13,986
2	12	99 116	92 525,823	2 422 233,680	26,179	25,715	52	62	88 024	14 713,109	206 980,499	14,068	13,604
3	13	99 089	89 372,872	2 329 707,856	26,067	25,603	53	63	87 012	14 052,067	192 267,389	13,682	13,218
4	14	99 065	86 329,070	2 240 334,984	25,951	25,487	54	64	85 936	13 408,961	178 215,322	13,291	12,827
5	15	99 038	83 387,386	2 154 005,914	25,831	25,367	55	65	84 771	12 779,869	164 806,362	12,896	12,432
6	16	99 013	80 547,280	2 070 618,528	25,707	25,243	56	66	83 534	12 167,577	152 026,493	12,494	12,030
7	17	98 987	77 802,745	1 990 071,248	25,578	25,114	57	67	82 230	11 572,627	139 858,916	12,085	11,621
8	18	98 960	75 151,270	1 912 268,503	25,446	24,982	58	68	80 840	10 992,182	128 286,288	11,671	11,207
9	19	98 929	72 587,083	1 837 117,233	25,309	24,845	59	69	79 340	10 423,445	117 294,106	11,253	10,789
10	20	98 899	70 111,346	1 764 530,150	25,168	24,704	60	70	77 717	9 864,913	106 870,661	10,833	10,369
11	21	98 869	67 720,082	1 694 418,804	25,021	24,557	61	71	75 974	9 317,581	97 005,748	10,411	9,947
12	22	98 838	65 409,528	1 626 698,722	24,869	24,405	62	72	74 117	8 782,516	87 688,167	9,984	9,520
13	23	98 805	63 176,482	1 561 289,193	24,713	24,249	63	73	72 073	8 251,501	78 905,651	9,563	9,099
14	24	98 774	61 020,853	1 498 112,711	24,551	24,087	64	74	69 894	7 731,367	70 654,150	9,139	8,675
15	25	98 735	58 934,221	1 437 091,858	24,385	23,921	65	75	67 558	7 220,282	62 922,783	8,715	8,251
16	26	98 694	56 917,216	1 378 157,637	24,213	23,749	66	76	65 023	6 714,373	55 702,500	8,296	7,832
17	27	98 638	54 961,486	1 321 240,421	24,039	23,575	67	77	62 319	6 217,474	48 988,127	7,879	7,415
18	28	98 579	53 071,050	1 266 278,935	23,860	23,396	68	78	59 423	5 728,125	42 770,653	7,467	7,003
19	29	98 499	51 234,570	1 213 207,885	23,679	23,215	69	79	56 318	5 245,209	37 042,528	7,062	6,598
20	30	98 418	49 461,284	1 161 973,315	23,493	23,029	70	80	53 031	4 772,096	31 797,319	6,663	6,199
21	31	98 332	47 747,024	1 112 512,032	23,300	22,836	71	81	49 535	4 306,694	27 025,223	6,275	5,811
22	32	98 244	46 091,343	1 064 765,008	23,101	22,637	72	82	45 867	3 852,928	22 718,529	5,896	5,432
23	33	98 155	44 492,227	1 018 673,665	22,896	22,432	73	83	42 000	3 408,800	18 865,601	5,534	5,070
24	34	98 065	42 948,440	974 181,437	22,683	22,219	74	84	38 013	2 980,856	15 456,802	5,185	4,721
25	35	97 969	41 455,340	931 232,998	22,464	21,999	75	85	33 930	2 570,707	12 475,945	4,853	4,389
26	36	97 869	40 012,671	889 777,658	22,237	21,773	76	86	29 803	2 181,681	9 905,239	4,540	4,076
27	37	97 764	38 617,959	849 764,987	22,004	21,540	77	87	25 733	1 820,085	7 723,558	4,244	3,779
28	38	97 651	37 268,782	811 147,027	21,765	21,301	78	88	21 651	1 479,525	5 903,473	3,990	3,526
29	39	97 533	35 964,955	773 878,245	21,518	21,054	79	89	17 881	1 180,594	4 423,947	3,747	3,283
30	40	97 401	34 701,971	737 913,290	21,264	20,800	80	90	14 450	921,793	3 243,353	3,519	3,054
31	41	97 267	33 482,319	703 211,319	21,002	20,538	81	91	11 473	707,120	2 321,560	3,283	2,819
32	42	97 114	32 299,225	669 729,001	20,735	20,271	82	92	8 776	522,622	1 614,439	3,089	2,625
33	43	96 950	31 154,185	637 429,775	20,460	19,996	83	93	6 531	375,801	1 091,817	2,905	2,441
34	44	96 777	30 047,052	606 275,590	20,178	19,714	84	94	4 712	261,972	716,016	2,733	2,269
35	45	96 590	28 974,709	576 228,538	19,887	19,423	85	95	3 284	176,402	454,043	2,574	2,110
36	46	96 376	27 932,826	547 253,829	19,592	19,128	86	96	2 202	114,249	277,641	2,430	1,966
37	47	96 138	26 921,801	519 321,003	19,290	18,826	87	97	1 417	71,038	163,392	2,300	1,836
38	48	95 877	25 940,615	492 399,202	18,982	18,518	88	98	871	42,173	92,354	2,190	1,726
39	49	95 596	24 990,020	466 458,587	18,666	18,202	89	99	514	24,072	50,181	2,085	1,621
40	50	95 284	24 066,151	441 468,566	18,344	17,880	90	100	290	13,121	26,109	1,990	1,526
41	51	94 932	23 166,364	417 402,416	18,018	17,554							
42	52	94 555	22 294,044	394 236,052	17,683	17,219							
43	53	94 141	21 445,815	371 942,008	17,343	16,879							
44	54	93 674	20 617,894	350 496,192	17,000	16,536							
45	55	93 177	19 814,943	329 878,298	16,648	16,184							
46	56	92 618	19 030,015	310 063,355	16,293	15,829							
47	57	92 013	18 266,297	291 033,341	15,933	15,469							
48	58	91 349	17 521,406	272 767,044	15,568	15,104							
49	59	90 612	16 792,194	255 245,637	15,200	14,736							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 610 866,864	26,223	25,759	50	61	89 336	15 995,974	233 212,132	14,579	14,115
1	12	99 151	95 798,325	2 511 303,304	26,214	25,750	51	62	88 449	15 301,531	217 216,157	14,196	13,732
2	13	99 108	92 518,731	2 415 504,979	26,108	25,644	52	63	87 472	14 620,788	201 914,626	13,810	13,346
3	14	99 080	89 364,080	2 322 986,248	25,995	25,531	53	64	86 432	13 958,359	187 293,838	13,418	12,954
4	15	99 052	86 318,383	2 233 622,168	25,877	25,413	54	65	85 317	13 312,472	173 335,479	13,021	12,557
5	16	99 025	83 376,082	2 147 303,785	25,754	25,290	55	66	84 114	12 680,922	160 023,007	12,619	12,155
6	17	98 997	80 534,331	2 063 927,703	25,628	25,164	56	67	82 847	12 067,562	147 342,085	12,210	11,746
7	18	98 969	77 789,088	1 983 393,371	25,497	25,033	57	68	81 489	11 468,247	135 274,523	11,796	11,332
8	19	98 938	75 134,854	1 905 604,284	25,362	24,898	58	69	80 048	10 884,512	123 806,276	11,375	10,911
9	20	98 907	72 571,473	1 830 469,429	25,223	24,759	59	70	78 470	10 309,124	112 921,764	10,954	10,490
10	21	98 878	70 096,553	1 757 897,957	25,078	24,614	60	71	76 788	9 747,045	102 612,640	10,528	10,064
11	22	98 848	67 705,445	1 687 801,404	24,929	24,465	61	72	74 960	9 193,256	92 865,595	10,101	9,637
12	23	98 816	65 394,498	1 620 095,959	24,774	24,310	62	73	72 971	8 646,605	83 672,338	9,677	9,213
13	24	98 783	63 162,113	1 554 701,461	24,614	24,150	63	74	70 824	8 108,458	75 025,733	9,253	8,789
14	25	98 752	61 006,980	1 491 539,349	24,449	23,985	64	75	68 543	7 581,966	66 917,275	8,826	8,362
15	26	98 713	58 921,088	1 430 532,369	24,279	23,815	65	76	66 053	7 059,406	59 335,309	8,405	7,941
16	27	98 667	56 902,010	1 371 611,281	24,105	23,641	66	77	63 375	6 544,179	52 275,903	7,988	7,524
17	28	98 613	54 947,298	1 314 709,271	23,927	23,463	67	78	60 514	6 037,452	45 731,724	7,575	7,111
18	29	98 553	53 057,266	1 259 761,973	23,743	23,279	68	79	57 447	5 537,618	39 694,273	7,168	6,704
19	30	98 471	51 220,360	1 206 704,707	23,559	23,095	69	80	54 203	5 048,248	34 156,654	6,766	6,302
20	31	98 391	49 447,709	1 155 484,348	23,368	22,904	70	81	50 731	4 565,115	29 108,406	6,376	5,912
21	32	98 300	47 731,457	1 106 036,638	23,172	22,708	71	82	47 083	4 093,531	24 543,291	5,996	5,532
22	33	98 210	46 075,380	1 058 305,181	22,969	22,505	72	83	43 258	3 633,820	20 449,760	5,628	5,164
23	34	98 119	44 476,130	1 012 229,801	22,759	22,295	73	84	39 272	3 187,367	16 815,940	5,276	4,812
24	35	98 026	42 931,010	967 753,671	22,542	22,078	74	85	35 200	2 760,315	13 628,573	4,937	4,473
25	36	97 927	41 437,674	924 822,661	22,318	21,854	75	86	31 036	2 351,437	10 868,257	4,622	4,158
26	37	97 824	39 994,013	883 384,987	22,088	21,624	76	87	26 922	1 970,824	8 516,820	4,321	3,857
27	38	97 712	38 597,619	843 390,974	21,851	21,387	77	88	22 783	1 611,392	6 545,996	4,062	3,598
28	39	97 593	37 246,810	804 793,355	21,607	21,143	78	89	18 934	1 293,901	4 934,604	3,814	3,350
29	40	97 464	35 939,662	767 546,546	21,357	20,893	79	90	15 382	1 015,584	3 640,703	3,585	3,121
30	41	97 332	34 677,236	731 606,884	21,098	20,634	80	91	12 308	785,187	2 625,119	3,343	2,879
31	42	97 186	33 454,496	696 929,648	20,832	20,368	81	92	9 486	584,686	1 839,932	3,147	2,683
32	43	97 022	32 268,672	663 475,152	20,561	20,097	82	93	7 117	423,855	1 255,246	2,961	2,497
33	44	96 848	31 121,300	631 206,480	20,282	19,818	83	94	5 180	298,055	831,391	2,789	2,325
34	45	96 668	30 013,074	600 085,180	19,994	19,530	84	95	3 650	202,926	533,336	2,628	2,164
35	46	96 459	28 935,519	570 072,106	19,701	19,237	85	96	2 481	133,281	330,410	2,479	2,015
36	47	96 226	27 889,505	541 136,587	19,403	18,939	86	97	1 620	84,088	197,129	2,344	1,880
37	48	95 972	26 875,080	513 247,082	19,098	18,633	87	98	1 014	50,866	113,041	2,222	1,758
38	49	95 699	25 892,548	486 372,002	18,784	18,320	88	99	606	29,341	62,175	2,119	1,655
39	50	95 396	24 937,740	460 479,454	18,465	18,001	89	100	347	16,251	32,834	2,020	1,556
40	51	95 062	24 009,921	435 541,714	18,140	17,676							
41	52	94 695	23 108,661	411 531,793	17,809	17,345							
42	53	94 293	22 232,271	388 423,132	17,471	17,007							
43	54	93 855	21 380,638	366 190,861	17,127	16,663							
44	55	93 376	20 552,203	344 810,223	16,777	16,313							
45	56	92 842	19 743,658	324 258,021	16,423	15,959							
46	57	92 267	18 957,836	304 514,363	16,063	15,599							
47	58	91 633	18 190,925	285 556,527	15,698	15,234							
48	59	90 933	17 441,515	267 365,602	15,329	14,865							
49	60	90 179	16 711,955	249 924,087	14,955	14,491							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 603 726,350	26,153	25,689	50	62	88 828	15 905,030	227 712,429	14,317	13,853
1	13	99 144	95 790,982	2 504 170,697	26,142	25,678	51	63	87 894	15 205,518	211 807,399	13,930	13,466
2	14	99 099	92 509,630	2 408 379,716	26,034	25,570	52	64	86 889	14 523,287	196 601,882	13,537	13,073
3	15	99 067	89 353,018	2 315 870,086	25,918	25,454	53	65	85 810	13 857,917	182 078,594	13,139	12,675
4	16	99 039	86 306,681	2 226 517,068	25,798	25,334	54	66	84 657	13 209,401	168 220,678	12,735	12,271
5	17	99 009	83 362,679	2 140 210,387	25,673	25,209	55	67	83 423	12 576,688	155 011,276	12,325	11,861
6	18	98 980	80 520,195	2 056 847,708	25,544	25,080	56	68	82 100	11 958,717	142 434,589	11,911	11,446
7	19	98 948	77 772,096	1 976 327,514	25,412	24,948	57	69	80 690	11 355,914	130 475,871	11,490	11,026
8	20	98 917	75 118,696	1 898 555,418	25,274	24,810	58	70	79 170	10 765,135	119 119,958	11,065	10,601
9	21	98 887	72 556,161	1 823 436,722	25,131	24,667	59	71	77 532	10 185,949	108 354,823	10,638	10,174
10	22	98 857	70 081,402	1 750 880,561	24,984	24,520	60	72	75 764	9 616,990	98 168,874	10,208	9,744
11	23	98 825	67 689,887	1 680 799,159	24,831	24,367	61	73	73 800	9 050,989	88 551,884	9,784	9,320
12	24	98 793	65 379,623	1 613 109,273	24,673	24,209	62	74	71 706	8 496,713	79 500,895	9,357	8,893
13	25	98 760	63 147,753	1 547 729,650	24,510	24,046	63	75	69 455	7 951,770	71 004,182	8,929	8,465
14	26	98 730	60 993,385	1 484 581,897	24,340	23,876	64	76	67 016	7 413,030	63 052,412	8,506	8,042
15	27	98 687	58 905,346	1 423 588,512	24,167	23,703	65	77	64 378	6 880,466	55 639,381	8,087	7,623
16	28	98 642	56 887,322	1 364 683,166	23,989	23,525	66	78	61 540	6 354,697	48 758,915	7,673	7,209
17	29	98 587	54 933,027	1 307 795,844	23,807	23,343	67	79	58 502	5 836,657	42 404,218	7,265	6,801
18	30	98 526	53 042,550	1 252 862,817	23,620	23,156	68	80	55 290	5 329,677	36 567,561	6,861	6,397
19	31	98 444	51 206,303	1 199 820,268	23,431	22,967	69	81	51 852	4 829,289	31 237,883	6,468	6,004
20	32	98 358	49 431,588	1 148 613,965	23,236	22,772	70	82	48 220	4 339,161	26 408,594	6,086	5,622
21	33	98 266	47 714,926	1 099 182,377	23,036	22,572	71	83	44 405	3 860,741	22 069,433	5,716	5,252
22	34	98 175	46 058,710	1 051 467,451	22,829	22,365	72	84	40 448	3 397,770	18 208,692	5,359	4,895
23	35	98 080	44 458,081	1 005 408,741	22,615	22,151	73	85	36 366	2 951,547	14 810,921	5,018	4,554
24	36	97 984	42 912,715	960 950,660	22,393	21,929	74	86	32 198	2 524,873	11 859,374	4,697	4,233
25	37	97 882	41 418,350	918 037,945	22,165	21,701	75	87	28 036	2 124,174	9 334,501	4,394	3,930
26	38	97 772	39 972,948	876 619,595	21,930	21,466	76	88	23 835	1 744,847	7 210,327	4,132	3,668
27	39	97 655	38 574,863	836 646,647	21,689	21,225	77	89	19 924	1 409,223	5 465,480	3,878	3,414
28	40	97 524	37 220,615	798 071,783	21,442	20,978	78	90	16 288	1 113,054	4 056,257	3,644	3,180
29	41	97 395	35 914,044	760 851,168	21,185	20,721	79	91	13 102	865,078	2 943,203	3,402	2,938
30	42	97 251	34 648,420	724 937,124	20,923	20,459	80	92	10 177	649,236	2 078,125	3,201	2,737
31	43	97 094	33 422,849	690 288,704	20,653	20,189	81	93	7 693	474,190	1 428,889	3,013	2,549
32	44	96 920	32 234,611	656 865,854	20,378	19,914	82	94	5 645	336,167	954,699	2,840	2,376
33	45	96 738	31 086,108	624 631,244	20,094	19,630	83	95	4 013	230,875	618,532	2,679	2,215
34	46	96 537	29 972,479	593 545,136	19,803	19,339	84	96	2 758	153,321	387,656	2,528	2,064
35	47	96 310	28 890,643	563 572,657	19,507	19,043	85	97	1 826	98,096	234,335	2,389	1,925
36	48	96 059	27 841,105	534 682,014	19,205	18,741	86	98	1 160	60,211	136,239	2,263	1,799
37	49	95 794	26 825,282	506 840,909	18,894	18,430	87	99	706	35,389	76,028	2,148	1,684
38	50	95 499	25 838,379	480 015,627	18,578	18,114	88	100	409	19,808	40,639	2,052	1,588
39	51	95 173	24 879,474	454 177,248	18,255	17,791							
40	52	94 825	23 950,118	429 297,775	17,925	17,461							
41	53	94 433	23 044,631	405 347,657	17,590	17,126							
42	54	94 006	22 164,703	382 303,026	17,248	16,784							
43	55	93 556	21 312,516	360 138,324	16,898	16,434							
44	56	93 040	20 478,265	338 825,808	16,546	16,082							
45	57	92 490	19 668,772	318 347,542	16,185	15,721							
46	58	91 886	18 879,611	298 678,770	15,820	15,356							
47	59	91 215	18 107,981	279 799,160	15,452	14,988							
48	60	90 498	17 358,173	261 691,179	15,076	14,612							
49	61	89 686	16 620,576	244 333,006	14,701	14,237							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 596 178,414	26,080	25,616	50	63	88 271	15 805,229	221 951,348	14,043	13,579
1	14	99 134	95 781,559	2 496 630,392	26,066	25,602	51	64	87 308	15 104,118	206 146,118	13,648	13,184
2	15	99 086	92 498,177	2 400 848,834	25,956	25,492	52	65	86 263	14 418,780	191 042,001	13,250	12,786
3	16	99 054	89 340,905	2 308 350,656	25,838	25,374	53	66	85 145	13 750,623	176 623,220	12,845	12,381
4	17	99 023	86 292,806	2 219 009,752	25,715	25,251	54	67	83 961	13 100,823	162 872,598	12,432	11,968
5	18	98 991	83 348,045	2 132 716,945	25,588	25,124	55	68	82 670	12 463,250	149 771,774	12,017	11,553
6	19	98 958	80 502,606	2 049 368,900	25,457	24,993	56	69	81 296	11 841,580	137 308,524	11,595	11,131
7	20	98 927	77 755,370	1 968 866,294	25,321	24,857	57	70	79 805	11 231,366	125 466,944	11,171	10,707
8	21	98 896	75 102,847	1 891 110,924	25,180	24,716	58	71	78 224	10 636,510	114 235,578	10,740	10,276
9	22	98 865	72 540,478	1 816 008,077	25,034	24,570	59	72	76 498	10 050,038	103 599,067	10,308	9,844
10	23	98 834	70 065,297	1 743 467,599	24,883	24,419	60	73	74 591	9 468,166	93 549,030	9,880	9,416
11	24	98 803	67 674,490	1 673 402,301	24,727	24,263	61	74	72 521	8 894,087	84 080,864	9,454	8,990
12	25	98 771	65 364,759	1 605 727,811	24,566	24,102	62	75	70 320	8 332,522	75 186,777	9,023	8,559
13	26	98 738	63 133,680	1 540 363,052	24,398	23,934	63	76	67 908	7 774,595	66 854,255	8,599	8,135
14	27	98 703	60 977,090	1 477 229,372	24,226	23,762	64	77	65 317	7 225,127	59 079,660	8,177	7,713
15	28	98 662	58 890,141	1 416 252,282	24,049	23,585	65	78	62 514	6 681,247	51 854,533	7,761	7,297
16	29	98 616	56 872,547	1 357 362,141	23,867	23,403	66	79	59 493	6 143,352	45 173,285	7,353	6,889
17	30	98 560	54 917,790	1 300 489,594	23,681	23,217	67	80	56 305	5 617,487	39 029,933	6,948	6,484
18	31	98 499	53 027,993	1 245 571,804	23,489	23,025	68	81	52 892	5 098,512	33 412,446	6,553	6,089
19	32	98 412	51 189,608	1 192 543,811	23,297	22,833	69	82	49 286	4 590,260	28 313,934	6,168	5,704
20	33	98 324	49 414,468	1 141 354,203	23,098	22,634	70	83	45 478	4 092,402	23 723,674	5,797	5,333
21	34	98 230	47 697,663	1 091 939,735	22,893	22,429	71	84	41 521	3 609,951	19 631,272	5,438	4,974
22	35	98 135	46 040,018	1 044 242,072	22,681	22,217	72	85	37 456	3 146,384	16 021,321	5,092	4,628
23	36	98 038	44 439,135	998 202,054	22,462	21,998	73	86	33 264	2 699,794	12 874,937	4,769	4,305
24	37	97 938	42 892,704	953 762,919	22,236	21,772	74	87	29 086	2 280,848	10 175,143	4,461	3,997
25	38	97 830	41 396,536	910 870,215	22,004	21,540	75	88	24 821	1 880,613	7 894,296	4,198	3,734
26	39	97 715	39 949,381	869 473,680	21,764	21,300	76	89	20 845	1 525,935	6 013,683	3,941	3,477
27	40	97 586	38 547,735	829 524,298	21,519	21,055	77	90	17 140	1 212,258	4 487,748	3,702	3,238
28	41	97 455	37 194,085	790 976,563	21,266	20,802	78	91	13 874	948,103	3 275,490	3,455	2,991
29	42	97 314	35 884,201	753 782,478	21,006	20,542	79	92	10 834	715,295	2 327,387	3,254	2,790
30	43	97 159	34 615,644	717 898,278	20,739	20,275	80	93	8 254	526,541	1 612,092	3,062	2,598
31	44	96 992	33 387,570	683 282,634	20,465	20,001	81	94	6 102	376,089	1 085,551	2,886	2,422
32	45	96 810	32 198,159	649 895,064	20,184	19,720	82	95	4 373	260,398	709,462	2,725	2,261
33	46	96 607	31 044,062	617 696,905	19,897	19,433	83	96	3 032	174,438	449,065	2,574	2,110
34	47	96 387	29 925,994	586 652,843	19,603	19,139	84	97	2 030	112,846	274,626	2,434	1,970
35	48	96 142	28 840,505	556 726,848	19,304	18,840	85	98	1 308	70,241	161,781	2,303	1,839
36	49	95 881	27 789,516	527 886,343	18,996	18,532	86	99	807	41,890	91,539	2,185	1,721
37	50	95 593	26 769,161	500 096,827	18,682	18,218	87	100	476	23,891	49,649	2,078	1,614
38	51	95 276	25 778,009	473 327,665	18,362	17,898							
39	52	94 936	24 817,504	447 549,657	18,034	17,570							
40	53	94 562	23 883,756	422 732,153	17,700	17,236							
41	54	94 146	22 974,594	398 848,397	17,360	16,896							
42	55	93 707	22 094,083	375 873,803	17,012	16,548							
43	56	93 219	21 235,843	353 779,720	16,660	16,196							
44	57	92 687	20 400,593	332 543,877	16,301	15,837							
45	58	92 108	19 587,613	312 143,283	15,936	15,472							
46	59	91 467	18 793,526	292 555,670	15,567	15,103							
47	60	90 779	18 021,455	273 762,144	15,191	14,727							
48	61	90 004	17 263,261	255 740,689	14,814	14,350							
49	62	89 176	16 526,081	238 477,428	14,430	13,966							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 588 211,740	26,002	25,538	50	64	87 682	15 699,830	215 932,372	13,754	13,290
1	15	99 122	95 769,701	2 488 673,512	25,986	25,522	51	65	86 680	14 995,431	200 232,542	13,353	12,889
2	16	99 073	92 485,638	2 392 903,811	25,873	25,409	52	66	85 596	14 307,144	185 237,110	12,947	12,483
3	17	99 038	89 326,542	2 300 418,172	25,753	25,289	53	67	84 445	13 637,596	170 929,967	12,534	12,070
4	18	99 006	86 277,659	2 211 091,630	25,628	25,164	54	68	83 204	12 982,659	157 292,371	12,116	11,652
5	19	98 970	83 329,839	2 124 813,971	25,499	25,035	55	69	81 861	12 341,171	144 309,712	11,693	11,229
6	20	98 937	80 485,293	2 041 484,132	25,365	24,901	56	70	80 404	11 711,706	131 968,541	11,268	10,804
7	21	98 906	77 738,965	1 960 998,839	25,225	24,761	57	71	78 852	11 097,171	120 256,835	10,837	10,373
8	22	98 875	75 086,614	1 883 259,874	25,081	24,617	58	72	77 180	10 494,588	109 159,664	10,402	9,937
9	23	98 843	72 523,809	1 808 173,260	24,932	24,468	59	73	75 314	9 894,512	98 665,076	9,972	9,508
10	24	98 812	70 049,361	1 735 649,452	24,778	24,313	60	74	73 298	9 304,031	88 770,564	9,541	9,077
11	25	98 780	67 659,104	1 665 600,091	24,618	24,154	61	75	71 119	8 722,217	79 466,533	9,111	8,647
12	26	98 749	65 350,193	1 597 940,987	24,452	23,988	62	76	68 753	8 146,864	70 744,316	8,684	8,220
13	27	98 712	63 116,814	1 532 590,794	24,282	23,818	63	77	66 187	7 577,527	62 597,453	8,261	7,797
14	28	98 678	60 961,350	1 469 473,980	24,105	23,641	64	78	63 426	7 015,929	55 019,925	7,842	7,378
15	29	98 636	58 874,845	1 408 512,631	23,924	23,460	65	79	60 435	6 459,042	48 003,996	7,432	6,968
16	30	98 589	56 856,772	1 349 637,785	23,738	23,273	66	80	57 259	5 912,665	41 544,955	7,026	6,562
17	31	98 533	54 902,719	1 292 781,013	23,547	23,083	67	81	53 863	5 373,839	35 632,290	6,631	6,167
18	32	98 467	53 010,704	1 237 878,294	23,351	22,887	68	82	50 274	4 846,157	30 258,451	6,244	5,780
19	33	98 378	51 171,879	1 184 867,590	23,155	22,691	69	83	46 483	4 329,222	25 412,293	5,870	5,406
20	34	98 289	49 396,590	1 133 695,711	22,951	22,487	70	84	42 524	3 826,564	21 083,071	5,510	5,046
21	35	98 190	47 678,306	1 084 299,121	22,742	22,278	71	85	38 449	3 342,866	17 256,508	5,162	4,698
22	36	98 093	46 020,398	1 036 620,815	22,525	22,061	72	86	34 261	2 878,011	13 913,642	4,834	4,370
23	37	97 992	44 418,412	990 600,417	22,302	21,838	73	87	30 049	2 438,863	11 035,631	4,525	4,061
24	38	97 887	42 870,112	946 182,005	22,071	21,607	74	88	25 751	2 019,322	8 596,768	4,257	3,793
25	39	97 772	41 372,129	903 311,892	21,834	21,370	75	89	21 707	1 644,667	6 577,446	3,999	3,535
26	40	97 646	39 921,286	861 939,763	21,591	21,127	76	90	17 932	1 312,657	4 932,778	3,758	3,294
27	41	97 517	38 520,258	822 018,476	21,340	20,876	77	91	14 600	1 032,605	3 620,122	3,506	3,042
28	42	97 374	37 163,177	783 498,218	21,083	20,619	78	92	11 472	783,945	2 587,516	3,301	2,837
29	43	97 222	35 850,256	746 335,040	20,818	20,354	79	93	8 786	580,116	1 803,572	3,109	2,645
30	44	97 056	34 579,106	710 484,784	20,547	20,083	80	94	6 546	417,609	1 223,456	2,930	2,466
31	45	96 882	33 349,815	675 905,679	20,267	19,803	81	95	4 727	291,321	805,847	2,766	2,302
32	46	96 680	32 154,609	642 555,864	19,983	19,519	82	96	3 304	196,744	514,526	2,615	2,151
33	47	96 458	30 995,915	610 401,255	19,693	19,229	83	97	2 231	128,388	317,782	2,475	2,011
34	48	96 220	29 874,060	579 405,340	19,395	18,931	84	98	1 453	80,803	189,393	2,344	1,880
35	49	95 964	28 787,065	549 531,280	19,090	18,625	85	99	910	48,868	108,591	2,222	1,758
36	50	95 681	27 731,379	520 744,215	18,778	18,314	86	100	545	28,280	59,722	2,112	1,648
37	51	95 370	26 706,616	493 012,836	18,460	17,996							
38	52	95 039	25 713,801	466 306,220	18,134	17,670							
39	53	94 673	24 748,739	440 592,419	17,803	17,339							
40	54	94 275	23 811,169	415 843,680	17,464	17,000							
41	55	93 846	22 901,394	392 032,511	17,118	16,654							
42	56	93 370	22 014,599	369 131,118	16,768	16,304							
43	57	92 865	21 155,298	347 116,519	16,408	15,944							
44	58	92 304	20 316,415	325 961,221	16,044	15,580							
45	59	91 688	19 498,301	305 644,806	15,675	15,211							
46	60	91 030	18 703,724	286 146,505	15,299	14,835							
47	61	90 283	17 922,916	267 442,781	14,922	14,458							
48	62	89 492	17 165,111	249 519,866	14,536	14,072							
49	63	88 616	16 422,383	232 354,755	14,149	13,685							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 579 817,582	25,921	25,457	50	65	87 051	15 586,857	209 656,187	13,451	12,987
1	16	99 108	95 756,719	2 480 291,676	25,902	25,438	51	66	86 008	14 879,330	194 069,330	13,043	12,579
2	17	99 057	92 470,770	2 384 534,957	25,787	25,323	52	67	84 892	14 189,543	179 190,001	12,628	12,164
3	18	99 021	89 310,862	2 292 064,187	25,664	25,200	53	68	83 684	13 514,590	165 000,458	12,209	11,745
4	19	98 984	86 258,813	2 202 753,325	25,537	25,073	54	69	82 389	12 855,492	151 485,868	11,784	11,320
5	20	98 948	83 311,918	2 116 494,513	25,404	24,940	55	70	80 963	12 205,817	138 630,376	11,358	10,894
6	21	98 916	80 468,312	2 033 182,594	25,267	24,803	56	71	79 444	11 571,772	126 424,559	10,925	10,461
7	22	98 884	77 722,162	1 952 714,282	25,124	24,660	57	72	77 800	10 949,102	114 852,787	10,490	10,026
8	23	98 852	75 069,359	1 874 992,120	24,977	24,513	58	73	75 986	10 332,182	103 903,686	10,056	9,592
9	24	98 820	72 507,313	1 799 922,761	24,824	24,360	59	74	74 008	9 722,986	93 571,503	9,624	9,160
10	25	98 789	70 033,435	1 727 415,449	24,666	24,202	60	75	71 882	9 124,240	83 848,517	9,190	8,726
11	26	98 758	67 644,027	1 657 382,014	24,502	24,038	61	76	69 535	8 527,876	74 724,277	8,762	8,298
12	27	98 722	65 332,734	1 589 737,987	24,333	23,869	62	77	67 010	7 940,360	66 196,402	8,337	7,873
13	28	98 686	63 100,521	1 524 405,253	24,158	23,694	63	78	64 270	7 358,125	58 256,042	7,917	7,453
14	29	98 652	60 945,516	1 461 304,732	23,977	23,513	64	79	61 317	6 782,592	50 897,917	7,504	7,040
15	30	98 609	58 858,516	1 400 359,216	23,792	23,328	65	80	58 166	6 216,501	44 115,324	7,096	6,632
16	31	98 562	56 841,169	1 341 500,700	23,601	23,137	66	81	54 776	5 656,214	37 898,823	6,700	6,236
17	32	98 500	54 884,819	1 284 659,531	23,406	22,942	67	82	51 197	5 107,856	32 242,609	6,312	5,848
18	33	98 433	52 992,344	1 229 774,712	23,207	22,743	68	83	47 415	4 570,567	27 134,753	5,937	5,473
19	34	98 342	51 153,365	1 176 782,368	23,005	22,541	69	84	43 463	4 048,000	22 564,186	5,574	5,110
20	35	98 249	49 376,544	1 125 629,003	22,797	22,333	70	85	39 378	3 543,452	18 516,186	5,225	4,761
21	36	98 148	47 657,988	1 076 252,459	22,583	22,119	71	86	35 169	3 057,735	14 972,734	4,897	4,433
22	37	98 047	45 998,938	1 028 594,471	22,361	21,897	72	87	30 950	2 599,856	11 915,000	4,583	4,119
23	38	97 940	44 395,017	982 595,533	22,133	21,669	73	88	26 604	2 159,219	9 315,144	4,314	3,850
24	39	97 829	42 844,838	938 200,516	21,898	21,434	74	89	22 520	1 765,974	7 155,925	4,052	3,588
25	40	97 704	41 343,034	895 355,679	21,657	21,193	75	90	18 673	1 414,794	5 389,951	3,810	3,346
26	41	97 576	39 892,831	854 012,645	21,408	20,944	76	91	15 274	1 118,125	3 975,157	3,555	3,091
27	42	97 436	38 488,249	814 119,814	21,152	20,688	77	92	12 072	853,816	2 857,031	3,346	2,882
28	43	97 282	37 128,023	775 631,565	20,891	20,427	78	93	9 304	635,792	2 003,216	3,151	2,687
29	44	97 119	35 812,414	738 503,542	20,621	20,157	79	94	6 969	460,100	1 367,423	2,972	2,508
30	45	96 947	34 540,003	702 691,128	20,344	19,880	80	95	5 071	323,483	907,324	2,805	2,341
31	46	96 751	33 304,707	668 151,125	20,062	19,598	81	96	3 571	220,108	583,840	2,653	2,188
32	47	96 530	32 104,740	634 846,418	19,774	19,310	82	97	2 432	144,805	363,732	2,512	2,048
33	48	96 290	30 942,124	602 741,678	19,480	19,016	83	98	1 598	91,932	218,927	2,381	1,917
34	49	96 042	29 818,705	571 799,554	19,176	18,712	84	99	1 011	56,216	126,995	2,259	1,795
35	50	95 764	28 726,840	541 980,849	18,867	18,403	85	100	614	32,991	70,779	2,145	1,681
36	51	95 457	27 666,585	513 254,008	18,551	18,087							
37	52	95 132	26 640,096	485 587,423	18,228	17,764							
38	53	94 775	25 642,552	458 947,327	17,898	17,434							
39	54	94 385	24 673,523	433 304,775	17,562	17,098							
40	55	93 974	23 735,303	408 631,252	17,216	16,752							
41	56	93 508	22 819,005	384 895,950	16,867	16,403							
42	57	93 015	21 931,100	362 076,945	16,510	16,046							
43	58	92 482	21 068,005	340 145,845	16,145	15,681							
44	59	91 884	20 223,779	319 077,840	15,777	15,313							
45	60	91 250	19 405,131	298 854,060	15,401	14,937							
46	61	90 532	18 601,454	279 448,929	15,023	14,559							
47	62	89 770	17 821,015	260 847,475	14,637	14,173							
48	63	88 930	17 057,404	243 026,459	14,248	13,784							
49	64	88 025	16 312,868	225 969,056	13,852	13,388							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 570 987,613	25,836	25,372	50	66	86 377	15 466,177	203 125,906	13,134	12,670
1	17	99 092	95 741,325	2 471 475,198	25,814	25,350	51	67	85 301	14 757,025	187 659,729	12,717	12,253
2	18	99 040	92 454,538	2 375 733,874	25,696	25,232	52	68	84 126	14 061,558	172 902,704	12,296	11,832
3	19	98 999	89 291,353	2 283 279,336	25,571	25,107	53	69	82 864	13 382,213	158 841,146	11,870	11,406
4	20	98 963	86 240,262	2 193 987,982	25,440	24,976	54	70	81 485	12 714,497	145 458,933	11,440	10,976
5	21	98 928	83 294,341	2 107 747,720	25,305	24,841	55	71	79 996	12 059,980	132 744,436	11,007	10,543
6	22	98 895	80 450,919	2 024 453,380	25,164	24,700	56	72	78 384	11 417,370	120 684,456	10,570	10,106
7	23	98 862	77 704,302	1 944 002,461	25,018	24,554	57	73	76 596	10 779,663	109 267,087	10,136	9,672
8	24	98 830	75 052,284	1 866 298,159	24,867	24,403	58	74	74 669	10 153,070	98 487,424	9,700	9,236
9	25	98 798	72 490,828	1 791 245,875	24,710	24,246	59	75	72 578	9 535,099	88 334,354	9,264	8,800
10	26	98 767	70 017,828	1 718 755,047	24,547	24,083	60	76	70 280	8 920,941	78 799,256	8,833	8,369
11	27	98 732	67 625,955	1 648 737,219	24,380	23,916	61	77	67 772	8 311,714	69 878,315	8,407	7,943
12	28	98 697	65 315,870	1 581 111,263	24,207	23,743	62	78	65 070	7 710,452	61 566,601	7,985	7,521
13	29	98 661	63 084,132	1 515 795,394	24,028	23,564	63	79	62 133	7 113,408	53 856,149	7,571	7,107
14	30	98 625	60 928,612	1 452 711,262	23,843	23,379	64	80	59 014	6 527,902	46 742,741	7,160	6,696
15	31	98 581	58 842,363	1 391 782,650	23,653	23,189	65	81	55 643	5 946,871	40 214,839	6,762	6,298
16	32	98 530	56 822,637	1 332 940,287	23,458	22,994	66	82	52 065	5 376,255	34 267,968	6,374	5,910
17	33	98 466	54 865,810	1 276 117,650	23,259	22,795	67	83	48 285	4 817,384	28 891,712	5,997	5,533
18	34	98 397	52 973,172	1 221 251,840	23,054	22,590	68	84	44 335	4 273,667	24 074,329	5,633	5,169
19	35	98 303	51 132,606	1 168 278,668	22,848	22,384	69	85	40 248	3 748,505	19 800,661	5,282	4,818
20	36	98 207	49 355,502	1 117 146,062	22,635	22,171	70	86	36 019	3 241,212	16 052,156	4,953	4,488
21	37	98 103	47 635,764	1 067 790,560	22,416	21,952	71	87	31 770	2 762,209	12 810,944	4,638	4,174
22	38	97 996	45 974,711	1 020 154,796	22,189	21,725	72	88	27 401	2 301,752	10 048,736	4,366	3,902
23	39	97 883	44 368,843	974 180,086	21,956	21,492	73	89	23 266	1 888,319	7 746,983	4,103	3,639
24	40	97 760	42 814,706	929 811,243	21,717	21,253	74	90	19 372	1 519,146	5 858,664	3,857	3,393
25	41	97 634	41 313,565	886 996,536	21,470	21,006	75	91	15 906	1 205,127	4 339,519	3,601	3,137
26	42	97 495	39 859,681	845 682,971	21,217	20,752	76	92	12 630	924,528	3 134,392	3,390	2,926
27	43	97 343	38 451,841	805 823,291	20,957	20,493	77	93	9 790	692,459	2 209,863	3,191	2,727
28	44	97 179	37 088,833	767 371,449	20,690	20,226	78	94	7 379	504,258	1 517,405	3,009	2,545
29	45	97 009	35 771,917	730 282,617	20,415	19,951	79	95	5 398	356,397	1 013,147	2,843	2,379
30	46	96 816	34 493,285	694 510,700	20,135	19,671	80	96	3 831	244,408	656,750	2,687	2,223
31	47	96 601	33 253,054	660 017,415	19,848	19,384	81	97	2 628	162,002	412,341	2,545	2,081
32	48	96 362	32 049,025	626 764,361	19,556	19,092	82	98	1 741	103,687	250,340	2,414	1,950
33	49	96 112	30 884,790	594 715,336	19,256	18,792	83	99	1 112	63,959	146,652	2,293	1,829
34	50	95 841	29 756,322	563 830,546	18,948	18,484	84	100	683	37,951	82,694	2,179	1,715
35	51	95 540	28 659,721	534 074,224	18,635	18,171							
36	52	95 219	27 597,674	505 414,503	18,314	17,850							
37	53	94 869	26 566,280	477 816,829	17,986	17,522							
38	54	94 487	25 564,620	451 250,549	17,651	17,187							
39	55	94 085	24 594,909	425 685,929	17,308	16,844							
40	56	93 636	23 649,914	401 091,020	16,960	16,495							
41	57	93 154	22 732,455	377 441,106	16,604	16,140							
42	58	92 632	21 840,606	354 708,651	16,241	15,777							
43	59	92 061	20 971,943	332 868,045	15,872	15,408							
44	60	91 444	20 127,143	311 896,102	15,496	15,032							
45	61	90 751	19 299,026	291 768,959	15,118	14,654							
46	62	90 017	18 495,696	272 469,933	14,732	14,268							
47	63	89 206	17 709,192	253 974,237	14,341	13,877							
48	64	88 337	16 943,654	236 265,044	13,944	13,480							
49	65	87 392	16 195,484	219 321,390	13,542	13,078							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 561 712,069	25,747	25,283	50	67	85 667	15 339,048	196 345,169	12,800	12,336
1	18	99 075	95 724,518	2 462 215,653	25,722	25,258	51	68	84 532	14 623,923	181 006,121	12,377	11,913
2	19	99 018	92 434,342	2 366 491,134	25,602	25,138	52	69	83 302	13 923,823	166 382,198	11,949	11,485
3	20	98 978	89 272,151	2 274 056,792	25,473	25,009	53	70	81 955	13 235,441	152 458,375	11,519	11,055
4	21	98 942	86 222,066	2 184 784,641	25,339	24,875	54	71	80 511	12 562,582	139 222,934	11,082	10,618
5	22	98 906	83 276,337	2 098 562,575	25,200	24,736	55	72	78 928	11 899,063	126 660,352	10,645	10,181
6	23	98 872	80 432,432	2 015 286,238	25,056	24,592	56	73	77 171	11 240,684	114 761,289	10,209	9,745
7	24	98 839	77 686,627	1 934 853,806	24,906	24,442	57	74	75 268	10 592,793	103 520,605	9,773	9,309
8	25	98 807	75 035,221	1 857 167,179	24,751	24,287	58	75	73 226	9 956,871	92 927,812	9,333	8,869
9	26	98 776	72 474,674	1 782 131,958	24,590	24,126	59	76	70 961	9 322,646	82 970,941	8,900	8,436
10	27	98 741	69 999,122	1 709 657,284	24,424	23,960	60	77	68 499	8 694,816	73 648,295	8,470	8,006
11	28	98 706	67 608,499	1 639 658,162	24,252	23,788	61	78	65 810	8 071,054	64 953,480	8,048	7,584
12	29	98 671	65 298,905	1 572 049,663	24,075	23,611	62	79	62 906	7 454,017	56 882,426	7,631	7,167
13	30	98 633	63 066,635	1 506 750,758	23,891	23,427	63	80	59 800	6 846,295	49 428,408	7,220	6,756
14	31	98 598	60 911,891	1 443 684,123	23,701	23,237	64	81	56 454	6 244,766	42 582,113	6,819	6,355
15	32	98 549	58 823,179	1 382 772,232	23,507	23,043	65	82	52 889	5 652,526	36 337,347	6,429	5,964
16	33	98 496	56 802,957	1 323 949,054	23,308	22,844	66	83	49 104	5 070,519	30 684,821	6,052	5,588
17	34	98 431	54 845,960	1 267 146,097	23,104	22,640	67	84	45 149	4 504,451	25 614,302	5,686	5,222
18	35	98 357	52 951,674	1 212 300,137	22,894	22,430	68	85	41 055	3 957,476	21 109,851	5,334	4,870
19	36	98 261	51 110,816	1 159 348,463	22,683	22,219	69	86	36 815	3 428,775	17 152,375	5,002	4,538
20	37	98 161	49 332,487	1 108 237,647	22,465	22,001	70	87	32 538	2 927,953	13 723,600	4,687	4,223
21	38	98 051	47 610,674	1 058 905,160	22,241	21,777	71	88	28 127	2 445,490	10 795,646	4,415	3,950
22	39	97 938	45 947,605	1 011 294,486	22,010	21,546	72	89	23 963	2 012,970	8 350,157	4,148	3,684
23	40	97 814	44 337,640	965 346,881	21,773	21,309	73	90	20 014	1 624,391	6 337,187	3,901	3,437
24	41	97 690	42 784,188	921 009,241	21,527	21,063	74	91	16 502	1 294,014	4 712,796	3,642	3,178
25	42	97 553	41 279,234	878 225,052	21,275	20,811	75	92	13 152	996,466	3 418,782	3,431	2,967
26	43	97 403	39 821,976	836 945,818	21,017	20,553	76	93	10 243	749,808	2 422,316	3,231	2,767
27	44	97 241	38 411,253	797 123,842	20,752	20,288	77	94	7 765	549,201	1 672,508	3,045	2,581
28	45	97 069	37 046,892	758 712,589	20,480	20,016	78	95	5 716	390,602	1 123,307	2,876	2,412
29	46	96 878	35 723,533	721 665,697	20,201	19,737	79	96	4 078	269,276	732,705	2,721	2,257
30	47	96 665	34 439,789	685 942,164	19,917	19,453	80	97	2 820	179,887	463,429	2,576	2,112
31	48	96 434	33 195,346	651 502,375	19,626	19,162	81	98	1 882	116,001	283,542	2,444	1,980
32	49	96 183	31 989,639	618 307,029	19,328	18,864	82	99	1 211	72,137	167,541	2,323	1,859
33	50	95 911	30 820,176	586 317,390	19,024	18,560	83	100	750	43,178	95,404	2,210	1,746
34	51	95 617	29 686,797	555 497,214	18,712	18,248							
35	52	95 302	28 588,336	525 810,416	18,392	17,928							
36	53	94 955	27 521,205	497 222,080	18,067	17,603							
37	54	94 581	26 485,541	469 700,875	17,734	17,270							
38	55	94 186	25 483,167	443 215,334	17,392	16,928							
39	56	93 746	24 506,428	417 732,167	17,046	16,582							
40	57	93 281	23 560,212	393 225,739	16,690	16,226							
41	58	92 769	22 638,655	369 665,526	16,329	15,865							
42	59	92 209	21 741,020	347 026,872	15,962	15,498							
43	60	91 621	20 871,731	325 285,852	15,585	15,121							
44	61	90 944	20 017,090	304 414,120	15,208	14,744							
45	62	90 235	19 189,302	284 397,030	14,821	14,357							
46	63	89 453	18 379,640	265 207,728	14,429	13,965							
47	64	88 611	17 591,096	246 828,088	14,031	13,567							
48	65	87 702	16 821,731	229 236,992	13,627	13,163							
49	66	86 715	16 070,091	212 415,261	13,218	12,754							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 551 982,397	25,653	25,189	50	68	84 895	15 200,696	189 316,615	12,454	11,990
1	19	99 053	95 703,609	2 452 503,446	25,626	25,162	51	69	83 704	14 480,679	174 115,919	12,024	11,560
2	20	98 997	92 414,464	2 356 799,838	25,502	25,038	52	70	82 389	13 771,111	159 635,240	11,592	11,128
3	21	98 957	89 253,315	2 264 385,374	25,370	24,906	53	71	80 976	13 077,301	145 864,129	11,154	10,690
4	22	98 920	86 203,430	2 175 132,058	25,233	24,769	54	72	79 437	12 394,959	132 786,827	10,713	10,249
5	23	98 883	83 257,200	2 088 928,629	25,090	24,626	55	73	77 707	11 714,924	120 391,868	10,277	9,813
6	24	98 850	80 414,137	2 005 671,428	24,942	24,478	56	74	75 833	11 045,822	108 676,945	9,839	9,375
7	25	98 817	77 668,965	1 925 257,291	24,788	24,324	57	75	73 814	10 388,097	97 631,122	9,398	8,934
8	26	98 785	75 018,500	1 847 588,326	24,628	24,164	58	76	71 594	9 735,020	87 243,025	8,962	8,498
9	27	98 749	72 455,312	1 772 569,826	24,464	24,000	59	77	69 162	9 086,338	77 508,005	8,530	8,066
10	28	98 715	69 981,053	1 700 114,515	24,294	23,830	60	78	66 515	8 443,064	68 421,667	8,104	7,640
11	29	98 681	67 590,938	1 630 133,461	24,118	23,654	61	79	63 621	7 802,626	59 978,603	7,687	7,223
12	30	98 644	65 280,793	1 562 542,523	23,936	23,472	62	80	60 544	7 174,114	52 175,977	7,273	6,809
13	31	98 606	63 049,327	1 497 261,729	23,747	23,283	63	81	57 206	6 549,349	45 001,863	6,871	6,407
14	32	98 566	60 892,032	1 434 212,402	23,553	23,089	64	82	53 660	5 935,676	38 452,514	6,478	6,014
15	33	98 515	58 802,805	1 373 320,371	23,355	22,891	65	83	49 881	5 331,079	32 516,837	6,099	5,635
16	34	98 460	56 782,406	1 314 517,565	23,150	22,686	66	84	45 914	4 741,143	27 185,758	5,734	5,270
17	35	98 391	54 823,702	1 257 735,159	22,941	22,477	67	85	41 808	4 171,185	22 444,615	5,381	4,917
18	36	98 315	52 929,109	1 202 911,457	22,727	22,263	68	86	37 553	3 619,922	18 273,429	5,048	4,584
19	37	98 215	51 086,982	1 149 982,348	22,510	22,046	69	87	33 257	3 097,389	14 653,508	4,731	4,267
20	38	98 110	49 306,503	1 098 895,366	22,287	21,823	70	88	28 807	2 592,230	11 556,119	4,458	3,994
21	39	97 993	47 582,604	1 049 588,863	22,058	21,594	71	89	24 599	2 138,674	8 963,889	4,191	3,727
22	40	97 869	45 915,292	1 002 006,258	21,823	21,359	72	90	20 614	1 731,619	6 825,216	3,942	3,477
23	41	97 744	44 306,037	956 090,966	21,579	21,115	73	91	17 048	1 383,662	5 093,596	3,681	3,217
24	42	97 609	42 748,636	911 784,930	21,329	20,865	74	92	13 644	1 069,963	3 709,934	3,467	3,003
25	43	97 461	41 240,186	869 036,294	21,073	20,609	75	93	10 666	808,151	2 639,972	3,267	2,803
26	44	97 300	39 779,942	827 796,108	20,809	20,345	76	94	8 124	594,686	1 831,821	3,080	2,616
27	45	97 131	38 367,817	788 016,166	20,538	20,074	77	95	6 015	425,416	1 237,136	2,908	2,444
28	46	96 938	36 996,783	749 648,349	20,263	19,799	78	96	4 319	295,120	811,720	2,750	2,286
29	47	96 728	35 668,129	712 651,566	19,980	19,516	79	97	3 002	198,190	516,600	2,607	2,143
30	48	96 498	34 380,022	676 983,437	19,691	19,227	80	98	2 019	128,807	318,410	2,472	2,008
31	49	96 255	33 133,836	642 603,415	19,394	18,930	81	99	1 309	80,704	189,603	2,349	1,885
32	50	95 982	31 922,715	609 469,579	19,092	18,628	82	100	818	48,700	108,899	2,236	1,772
33	51	95 687	30 748,166	577 546,864	18,783	18,319							
34	52	95 379	29 612,854	546 798,698	18,465	18,001							
35	53	95 038	28 509,122	517 185,844	18,141	17,677							
36	54	94 667	27 437,563	488 676,722	17,811	17,346							
37	55	94 279	26 401,154	461 239,158	17,470	17,006							
38	56	93 847	25 391,491	434 838,005	17,125	16,661							
39	57	93 391	24 413,478	409 446,514	16,771	16,307							
40	58	92 896	23 462,996	385 033,036	16,410	15,946							
41	59	92 346	22 535,430	361 570,040	16,045	15,580							
42	60	91 769	21 637,134	339 034,610	15,669	15,205							
43	61	91 120	20 757,607	317 397,475	15,291	14,827							
44	62	90 427	19 903,284	296 639,868	14,904	14,440							
45	63	89 669	19 068,894	276 736,585	14,512	14,048							
46	64	88 856	18 257,073	257 667,691	14,113	13,649							
47	65	87 974	17 464,514	239 410,618	13,708	13,244							
48	66	87 023	16 691,490	221 946,104	13,297	12,833							
49	67	86 002	15 937,999	205 254,614	12,878	12,414							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 541 788,777	25,557	25,093	50	69	84 063	15 051,803	182 048,065	12,095	11,631
1	20	99 032	95 683,027	2 442 331,556	25,525	25,061	51	70	82 786	14 321,860	166 996,262	11,660	11,196
2	21	98 976	92 394,966	2 346 648,529	25,398	24,934	52	71	81 404	13 606,571	152 674,402	11,221	10,757
3	22	98 935	89 234,023	2 254 253,564	25,262	24,798	53	72	79 896	12 902,811	139 067,831	10,778	10,314
4	23	98 898	86 183,621	2 165 019,540	25,121	24,657	54	73	78 208	12 203,145	126 165,020	10,339	9,875
5	24	98 861	83 238,263	2 078 835,919	24,975	24,510	55	74	76 360	11 511,841	113 961,874	9,900	9,436
6	25	98 827	80 395,855	1 995 597,657	24,822	24,358	56	75	74 367	10 832,372	102 450,034	9,458	8,994
7	26	98 795	77 651,657	1 915 201,802	24,664	24,200	57	76	72 169	10 156,638	91 617,662	9,020	8,556
8	27	98 759	74 998,458	1 837 550,145	24,501	24,037	58	77	69 779	9 488,260	81 461,024	8,585	8,121
9	28	98 724	72 436,609	1 762 551,687	24,332	23,868	59	78	67 160	8 823,250	71 972,763	8,157	7,693
10	29	98 690	69 962,877	1 690 115,078	24,157	23,693	60	79	64 303	8 162,263	63 149,514	7,737	7,273
11	30	98 653	67 572,191	1 620 152,201	23,977	23,513	61	80	61 232	7 509,632	54 987,250	7,322	6,858
12	31	98 617	65 262,878	1 552 580,010	23,790	23,326	62	81	57 918	6 862,950	47 477,618	6,918	6,454
13	32	98 574	63 028,771	1 487 317,132	23,597	23,133	63	82	54 374	6 225,184	40 614,668	6,524	6,060
14	33	98 531	60 870,942	1 424 288,361	23,398	22,934	64	83	50 609	5 598,127	34 389,484	6,143	5,679
15	34	98 480	58 781,531	1 363 417,418	23,195	22,731	65	84	46 641	4 984,777	28 791,356	5,776	5,312
16	35	98 420	56 759,362	1 304 635,887	22,985	22,521	66	85	42 517	4 390,366	23 806,579	5,422	4,958
17	36	98 349	54 800,339	1 247 876,525	22,771	22,307	67	86	38 242	3 815,402	19 416,213	5,089	4,625
18	37	98 269	52 904,427	1 193 076,186	22,552	22,088	68	87	33 923	3 270,062	15 600,811	4,771	4,307
19	38	98 163	51 060,075	1 140 171,759	22,330	21,866	69	88	29 443	2 742,237	12 330,749	4,497	4,033
20	39	98 052	49 277,434	1 089 111,684	22,102	21,638	70	89	25 193	2 267,003	9 588,512	4,230	3,766
21	40	97 924	47 549,141	1 039 834,251	21,869	21,405	71	90	21 160	1 839,754	7 321,509	3,980	3,516
22	41	97 799	45 882,564	992 285,109	21,627	21,163	72	91	17 559	1 474,999	5 481,755	3,716	3,252
23	42	97 663	44 269,219	946 402,545	21,378	20,914	73	92	14 096	1 144,089	4 006,755	3,502	3,038
24	43	97 517	42 708,198	902 133,326	21,123	20,659	74	93	11 066	867,758	2 862,667	3,299	2,835
25	44	97 358	41 196,655	859 425,128	20,862	20,398	75	94	8 460	640,958	1 994,909	3,112	2,648
26	45	97 190	39 734,957	818 228,473	20,592	20,128	76	95	6 293	460,648	1 353,951	2,939	2,475
27	46	96 999	38 315,922	778 493,516	20,318	19,854	77	96	4 544	321,423	893,303	2,779	2,315
28	47	96 788	36 939,404	740 177,594	20,038	19,574	78	97	3 179	217,211	571,879	2,633	2,169
29	48	96 560	35 606,230	703 238,189	19,750	19,286	79	98	2 149	141,913	354,668	2,499	2,035
30	49	96 319	34 316,317	667 631,959	19,455	18,991	80	99	1 405	89,614	212,755	2,374	1,910
31	50	96 053	33 064,518	633 315,642	19,154	18,690	81	100	884	54,483	123,142	2,260	1,796
32	51	95 758	31 848,128	600 251,124	18,847	18,383							
33	52	95 448	30 671,579	568 402,996	18,532	18,068							
34	53	95 115	29 530,802	537 731,417	18,209	17,745							
35	54	94 749	28 422,478	508 200,615	17,880	17,416							
36	55	94 365	27 350,143	479 778,137	17,542	17,078							
37	56	93 940	26 306,175	452 427,994	17,199	16,735							
38	57	93 491	25 295,184	426 121,820	16,846	16,382							
39	58	93 005	24 312,741	400 826,636	16,486	16,022							
40	59	92 473	23 356,013	376 513,895	16,121	15,657							
41	60	91 905	22 427,748	353 157,882	15,746	15,282							
42	61	91 267	21 518,825	330 730,134	15,369	14,905							
43	62	90 602	20 639,591	309 211,309	14,981	14,517							
44	63	89 860	19 778,395	288 571,718	14,590	14,126							
45	64	89 071	18 941,730	268 793,323	14,191	13,727							
46	65	88 217	18 125,698	249 851,593	13,784	13,320							
47	66	87 293	17 329,296	231 725,895	13,372	12,908							
48	67	86 307	16 554,290	214 396,599	12,951	12,487							
49	68	85 227	15 794,244	197 842,309	12,526	12,062							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 531 124,006	25,455	24,991	50	70	83 141	14 886,720	174 546,976	11,725	11,261
1	21	99 011	95 662,839	2 431 688,173	25,419	24,955	51	71	81 797	14 150,739	159 660,256	11,283	10,819
2	22	98 954	92 374,995	2 336 025,334	25,289	24,824	52	72	80 318	13 425,019	145 509,517	10,839	10,375
3	23	98 913	89 213,518	2 243 650,340	25,149	24,685	53	73	78 659	12 703,138	132 084,498	10,398	9,934
4	24	98 875	86 164,018	2 154 436,822	25,004	24,540	54	74	76 852	11 991,599	119 381,360	9,955	9,491
5	25	98 838	83 219,338	2 068 272,804	24,853	24,389	55	75	74 884	11 289,385	107 389,761	9,512	9,048
6	26	98 805	80 377,939	1 985 053,466	24,696	24,232	56	76	72 711	10 591,014	96 100,376	9,074	8,610
7	27	98 768	77 630,912	1 904 675,527	24,535	24,071	57	77	70 340	9 899,191	85 509,362	8,638	8,174
8	28	98 733	74 979,098	1 827 044,615	24,367	23,903	58	78	67 759	9 213,534	75 610,171	8,206	7,742
9	29	98 698	72 417,794	1 752 065,516	24,194	23,730	59	79	64 926	8 529,805	66 396,637	7,784	7,320
10	30	98 662	69 943,472	1 679 647,722	24,014	23,550	60	80	61 888	7 855,765	57 866,832	7,366	6,902
11	31	98 626	67 553,647	1 609 704,250	23,829	23,365	61	81	58 576	7 183,916	50 011,066	6,962	6,498
12	32	98 585	65 241,600	1 542 150,603	23,638	23,174	62	82	55 051	6 523,263	42 827,151	6,565	6,101
13	33	98 540	63 006,942	1 476 909,003	23,440	22,976	63	83	51 282	5 871,172	36 303,888	6,183	5,719
14	34	98 496	60 848,920	1 413 902,061	23,236	22,772	64	84	47 321	5 234,478	30 432,716	5,814	5,350
15	35	98 440	58 757,676	1 353 053,141	23,028	22,564	65	85	43 190	4 615,975	25 198,238	5,459	4,995
16	36	98 378	56 735,174	1 294 295,465	22,813	22,349	66	86	38 891	4 015,888	20 582,264	5,125	4,661
17	37	98 303	54 774,785	1 237 560,291	22,594	22,130	67	87	34 546	3 446,649	16 566,376	4,807	4,342
18	38	98 218	52 876,562	1 182 785,506	22,369	21,905	68	88	30 034	2 895,111	13 119,727	4,532	4,068
19	39	98 105	51 029,971	1 129 908,944	22,142	21,678	69	89	25 749	2 398,191	10 224,616	4,263	3,799
20	40	97 983	49 242,779	1 078 878,973	21,909	21,445	70	90	21 672	1 950,147	7 826,425	4,013	3,549
21	41	97 854	47 515,249	1 029 636,194	21,670	21,206	71	91	18 025	1 567,109	5 876,278	3,750	3,286
22	42	97 718	45 844,437	982 120,945	21,423	20,959	72	92	14 519	1 219,612	4 309,169	3,533	3,069
23	43	97 571	44 227,343	936 276,509	21,170	20,706	73	93	11 432	927,875	3 089,557	3,330	2,866
24	44	97 414	42 663,117	892 049,166	20,909	20,445	74	94	8 777	688,233	2 161,682	3,141	2,677
25	45	97 248	41 150,069	849 386,049	20,641	20,177	75	95	6 553	496,491	1 473,449	2,968	2,504
26	46	97 059	39 681,213	808 235,980	20,368	19,904	76	96	4 754	348,044	976,958	2,807	2,343
27	47	96 849	38 256,497	768 554,766	20,090	19,625	77	97	3 345	236,571	628,914	2,658	2,194
28	48	96 620	36 875,299	730 298,269	19,805	19,341	78	98	2 276	155,533	392,343	2,523	2,059
29	49	96 381	35 540,253	693 422,970	19,511	19,047	79	99	1 495	98,732	236,810	2,399	1,935
30	50	96 117	34 244,525	657 882,717	19,211	18,747	80	100	948	60,498	138,079	2,282	1,818
31	51	95 829	32 987,264	623 638,192	18,905	18,441							
32	52	95 519	31 768,801	590 650,928	18,592	18,128							
33	53	95 184	30 586,593	558 882,127	18,272	17,808							
34	54	94 826	29 441,052	528 295,534	17,944	17,480							
35	55	94 447	28 331,920	498 854,481	17,608	17,143							
36	56	94 026	27 251,750	470 522,562	17,266	16,802							
37	57	93 584	26 206,398	443 270,812	16,915	16,451							
38	58	93 106	25 190,809	417 064,414	16,556	16,092							
39	59	92 581	24 201,884	391 873,605	16,192	15,728							
40	60	92 031	23 244,410	367 671,722	15,818	15,354							
41	61	91 403	22 305,116	344 427,312	15,442	14,978							
42	62	90 748	21 396,480	322 122,196	15,055	14,591							
43	63	90 033	20 510,082	300 725,715	14,662	14,198							
44	64	89 261	19 646,500	280 215,634	14,263	13,799							
45	65	88 430	18 805,429	260 569,134	13,856	13,392							
46	66	87 534	17 985,361	241 763,705	13,442	12,978							
47	67	86 575	17 186,854	223 778,343	13,020	12,556							
48	68	85 529	16 404,976	206 591,490	12,593	12,129							
49	69	84 392	15 639,537	190 186,514	12,161	11,697							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 519 975,870	25,348	24,884	50	71	82 148	14 708,850	166 826,971	11,342	10,878
1	22	98 990	95 642,162	2 420 561,017	25,309	24,844	51	72	80 706	13 961,926	152 118,121	10,895	10,431
2	23	98 932	92 353,767	2 324 918,856	25,174	24,710	52	73	79 075	13 217,265	138 156,195	10,453	9,989
3	24	98 890	89 193,226	2 232 565,088	25,031	24,567	53	74	77 296	12 482,924	124 938,930	10,009	9,545
4	25	98 853	86 144,428	2 143 371,862	24,881	24,417	54	75	75 367	11 759,872	112 456,007	9,563	9,099
5	26	98 816	83 200,794	2 057 227,434	24,726	24,262	55	76	73 216	11 037,844	100 696,134	9,123	8,659
6	27	98 779	80 356,465	1 974 026,641	24,566	24,102	56	77	70 867	10 322,557	89 658,290	8,686	8,222
7	28	98 743	77 610,873	1 893 670,175	24,400	23,936	57	78	68 303	9 612,567	79 335,733	8,253	7,789
8	29	98 708	74 959,624	1 816 059,303	24,227	23,763	58	79	65 505	8 907,110	69 723,166	7,828	7,364
9	30	98 671	72 397,709	1 741 099,679	24,049	23,585	59	80	62 488	8 209,506	60 816,057	7,408	6,944
10	31	98 635	69 924,277	1 668 701,970	23,864	23,400	60	81	59 204	7 515,036	52 606,551	7,000	6,536
11	32	98 594	67 531,623	1 598 777,693	23,675	23,210	61	82	55 677	6 828,342	45 091,515	6,604	6,140
12	33	98 550	65 219,004	1 531 246,071	23,479	23,015	62	83	51 921	6 152,299	38 263,173	6,219	5,755
13	34	98 504	62 984,146	1 466 027,066	23,276	22,812	63	84	47 951	5 489,786	32 110,874	5,849	5,385
14	35	98 456	60 824,226	1 403 042,920	23,067	22,603	64	85	43 820	4 847,201	26 621,088	5,492	5,028
15	36	98 398	58 732,636	1 342 218,694	22,853	22,389	65	86	39 506	4 222,253	21 773,887	5,157	4,693
16	37	98 332	56 708,718	1 283 486,058	22,633	22,169	66	87	35 132	3 627,758	17 551,634	4,838	4,374
17	38	98 251	54 745,935	1 226 777,340	22,409	21,945	67	88	30 585	3 051,451	13 923,877	4,563	4,099
18	39	98 160	52 845,388	1 172 031,405	22,178	21,714	68	89	26 266	2 531,885	10 872,425	4,294	3,830
19	40	98 036	50 994,084	1 119 186,017	21,947	21,483	69	90	22 150	2 062,998	8 340,541	4,043	3,579
20	41	97 913	49 207,679	1 068 191,934	21,708	21,244	70	91	18 460	1 661,142	6 277,542	3,779	3,315
21	42	97 773	47 475,764	1 018 984,255	21,463	20,999	71	92	14 904	1 295,773	4 616,400	3,563	3,099
22	43	97 626	45 801,070	971 508,490	21,211	20,747	72	93	11 775	989,126	3 320,627	3,357	2,893
23	44	97 468	44 180,659	925 707,420	20,953	20,489	73	94	9 067	735,914	2 331,502	3,168	2,704
24	45	97 304	42 614,873	881 526,761	20,686	20,222	74	95	6 798	533,111	1 595,588	2,993	2,529
25	46	97 116	41 094,411	838 911,889	20,414	19,950	75	96	4 951	375,125	1 062,477	2,832	2,368
26	47	96 908	39 619,671	797 817,478	20,137	19,673	76	97	3 499	256,163	687,352	2,683	2,219
27	48	96 681	38 190,106	758 197,806	19,853	19,389	77	98	2 395	169,395	431,189	2,545	2,081
28	49	96 441	36 806,971	720 007,700	19,562	19,098	78	99	1 583	108,207	261,794	2,419	1,955
29	50	96 179	35 465,900	683 200,729	19,264	18,800	79	100	1 010	66,653	153,586	2,304	1,840
30	51	95 893	34 164,514	647 734,829	18,959	18,495							
31	52	95 590	32 905,100	613 570,316	18,647	18,183							
32	53	95 255	31 680,775	580 665,216	18,329	17,865							
33	54	94 894	30 493,635	548 984,441	18,003	17,539							
34	55	94 523	29 347,248	518 490,806	17,667	17,203							
35	56	94 107	28 229,995	489 143,557	17,327	16,863							
36	57	93 669	27 148,387	460 913,563	16,978	16,514							
37	58	93 198	26 098,263	433 765,176	16,620	16,156							
38	59	92 681	25 075,947	407 666,913	16,257	15,793							
39	60	92 139	24 086,239	382 590,965	15,884	15,420							
40	61	91 527	23 117,313	358 504,727	15,508	15,044							
41	62	90 883	22 178,301	335 387,414	15,122	14,658							
42	63	90 179	21 262,222	313 209,113	14,731	14,267							
43	64	89 433	20 373,307	291 946,891	14,330	13,866							
44	65	88 618	19 505,128	271 573,584	13,923	13,459							
45	66	87 745	18 659,829	252 068,456	13,509	13,045							
46	67	86 814	17 837,526	233 408,627	13,085	12,621							
47	68	85 794	17 031,835	215 571,101	12,657	12,193							
48	69	84 691	16 244,287	198 539,267	12,222	11,758							
49	70	83 466	15 468,008	182 294,980	11,785	11,321							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 508 331,617	25,236	24,772	50	72	81 052	14 512,590	158 898,617	10,949	10,485
1	23	98 967	95 620,184	2 408 938,253	25,193	24,729	51	73	79 457	13 745,863	144 386,027	10,504	10,040
2	24	98 909	92 332,761	2 313 318,069	25,054	24,590	52	74	77 704	12 988,138	130 640,163	10,058	9,594
3	25	98 868	89 172,947	2 220 985,308	24,906	24,442	53	75	75 802	12 241,703	117 652,025	9,611	9,147
4	26	98 831	86 125,231	2 131 812,361	24,752	24,288	54	76	73 688	11 497,849	105 410,322	9,168	8,704
5	27	98 790	83 178,566	2 045 687,129	24,594	24,130	55	77	71 360	10 758,061	93 912,474	8,729	8,265
6	28	98 753	80 335,723	1 962 508,563	24,429	23,965	56	78	68 816	10 023,674	83 154,413	8,296	7,832
7	29	98 717	77 590,715	1 882 172,841	24,258	23,794	57	79	66 031	9 292,871	73 130,739	7,870	7,406
8	30	98 680	74 938,833	1 804 582,126	24,081	23,617	58	80	63 046	8 572,642	63 837,868	7,447	6,983
9	31	98 644	72 377,840	1 729 643,293	23,897	23,433	59	81	59 778	7 853,433	55 265,225	7,037	6,573
10	32	98 603	69 901,480	1 657 265,453	23,709	23,245	60	82	56 274	7 143,073	47 411,792	6,637	6,173
11	33	98 560	67 508,233	1 587 363,974	23,514	23,050	61	83	52 511	6 440,029	40 268,719	6,253	5,789
12	34	98 515	65 195,409	1 519 855,740	23,312	22,848	62	84	48 548	5 752,651	33 828,690	5,881	5,417
13	35	98 464	62 958,586	1 454 660,331	23,105	22,641	63	85	44 403	5 083,619	28 076,039	5,523	5,059
14	36	98 414	60 798,305	1 391 701,746	22,890	22,426	64	86	40 082	4 433,757	22 992,419	5,186	4,722
15	37	98 352	58 705,248	1 330 903,440	22,671	22,207	65	87	35 688	3 814,178	18 558,662	4,866	4,402
16	38	98 280	56 678,849	1 272 198,192	22,446	21,982	66	88	31 104	3 211,793	14 744,484	4,591	4,127
17	39	98 193	54 713,658	1 215 519,343	22,216	21,752	67	89	26 748	2 668,610	11 532,690	4,322	3,858
18	40	98 091	52 808,224	1 160 805,684	21,982	21,518	68	90	22 595	2 178,006	8 864,081	4,070	3,606
19	41	97 966	50 957,735	1 107 997,460	21,743	21,279	69	91	18 868	1 757,269	6 686,074	3,805	3,341
20	42	97 832	49 166,788	1 057 039,725	21,499	21,035	70	92	15 264	1 373,525	4 928,805	3,588	3,124
21	43	97 681	47 430,855	1 007 872,937	21,249	20,785	71	93	12 087	1 050,893	3 555,280	3,383	2,919
22	44	97 522	45 752,725	960 442,082	20,992	20,528	72	94	9 339	784,492	2 504,387	3,192	2,728
23	45	97 357	44 130,698	914 689,357	20,727	20,263	73	95	7 024	570,045	1 719,894	3,017	2,553
24	46	97 172	42 557,233	870 558,658	20,456	19,992	74	96	5 137	402,793	1 149,850	2,855	2,391
25	47	96 966	41 030,677	828 001,425	20,180	19,716	75	97	3 644	276,096	747,057	2,706	2,242
26	48	96 740	39 550,915	786 970,748	19,898	19,434	76	98	2 506	183,425	470,961	2,568	2,104
27	49	96 502	38 119,341	747 419,833	19,607	19,143	77	99	1 666	117,852	287,537	2,440	1,976
28	50	96 239	36 729,968	709 300,492	19,311	18,847	78	100	1 069	73,050	169,685	2,323	1,859
29	51	95 954	35 383,035	672 570,524	19,008	18,544							
30	52	95 654	34 079,417	637 187,489	18,697	18,233							
31	53	95 325	32 813,925	603 108,072	18,380	17,916							
32	54	94 965	31 584,492	570 294,146	18,056	17,592							
33	55	94 592	30 396,477	538 709,655	17,723	17,259							
34	56	94 183	29 241,671	508 313,177	17,383	16,919							
35	57	93 750	28 122,921	479 071,507	17,035	16,571							
36	58	93 283	27 036,365	450 948,586	16,679	16,215							
37	59	92 773	25 979,264	423 912,220	16,317	15,853							
38	60	92 238	24 956,126	397 932,956	15,945	15,481							
39	61	91 635	23 954,538	372 976,830	15,570	15,106							
40	62	91 007	22 985,880	349 022,292	15,184	14,720							
41	63	90 313	22 039,137	326 036,413	14,794	14,329							
42	64	89 577	21 120,432	303 997,276	14,394	13,929							
43	65	88 789	20 226,705	282 876,844	13,985	13,521							
44	66	87 932	19 354,110	262 650,139	13,571	13,107							
45	67	87 024	18 506,450	243 296,028	13,147	12,683							
46	68	86 031	17 676,638	224 789,579	12,717	12,253							
47	69	84 954	16 865,005	207 112,940	12,281	11,817							
48	70	83 762	16 066,125	190 247,935	11,842	11,378							
49	71	82 469	15 283,193	174 181,810	11,397	10,933							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 496 178,928	25,120	24,656	50	73	79 797	14 288,006	150 778,630	10,553	10,089
1	24	98 944	95 598,434	2 396 808,404	25,072	24,608	51	74	78 079	13 507,573	136 490,624	10,105	9,641
2	25	98 887	92 311,769	2 301 209,969	24,929	24,465	52	75	76 203	12 737,154	122 983,051	9,655	9,191
3	26	98 846	89 153,076	2 208 898,200	24,776	24,312	53	76	74 113	11 968,944	110 245,897	9,211	8,747
4	27	98 804	86 102,222	2 119 745,125	24,619	24,155	54	77	71 820	11 206,405	98 276,953	8,770	8,306
5	28	98 765	83 157,095	2 033 642,902	24,455	23,991	55	78	69 294	10 446,569	87 070,548	8,335	7,871
6	29	98 727	80 314,857	1 950 485,807	24,285	23,821	56	79	66 527	9 690,306	76 623,980	7,907	7,443
7	30	98 690	77 569,194	1 870 170,951	24,110	23,646	57	80	63 552	8 943,918	66 933,674	7,484	7,020
8	31	98 653	74 918,267	1 792 601,756	23,927	23,463	58	81	60 311	8 200,819	57 989,756	7,071	6,607
9	32	98 611	72 354,243	1 717 683,490	23,740	23,276	59	82	56 819	7 464,721	49 788,937	6,670	6,206
10	33	98 569	69 877,270	1 645 329,247	23,546	23,082	60	83	53 074	6 736,862	42 324,215	6,282	5,818
11	34	98 524	67 483,810	1 575 451,977	23,346	22,882	61	84	49 100	6 021,691	35 587,353	5,910	5,446
12	35	98 475	65 168,951	1 507 968,168	23,139	22,675	62	85	44 956	5 327,037	29 565,662	5,550	5,086
13	36	98 423	62 931,756	1 442 799,217	22,926	22,462	63	86	40 616	4 650,010	24 238,625	5,213	4,749
14	37	98 368	60 769,954	1 379 867,461	22,706	22,242	64	87	36 209	4 005,241	19 588,615	4,891	4,427
15	38	98 300	58 674,329	1 319 097,507	22,482	22,018	65	88	31 596	3 376,839	15 583,375	4,615	4,151
16	39	98 222	56 645,433	1 260 423,178	22,251	21,787	66	89	27 201	2 808,835	12 206,536	4,346	3,882
17	40	98 124	54 675,180	1 203 777,745	22,017	21,553	67	90	23 009	2 295,622	9 397,701	4,094	3,630
18	41	98 021	52 770,582	1 149 102,565	21,775	21,311	68	91	19 246	1 855,233	7 102,079	3,828	3,364
19	42	97 885	50 915,391	1 096 331,982	21,532	21,068	69	92	15 601	1 453,008	5 246,846	3,611	3,147
20	43	97 739	49 120,279	1 045 416,592	21,283	20,819	70	93	12 379	1 113,952	3 793,838	3,406	2,942
21	44	97 577	47 380,789	996 296,313	21,027	20,563	71	94	9 587	833,482	2 679,886	3,215	2,751
22	45	97 412	45 700,987	948 915,523	20,764	20,300	72	95	7 234	607,674	1 846,405	3,038	2,574
23	46	97 226	44 071,009	903 214,537	20,495	20,031	73	96	5 307	430,698	1 238,730	2,876	2,412
24	47	97 021	42 491,231	859 143,528	20,219	19,755	74	97	3 781	296,460	808,032	2,726	2,262
25	48	96 797	40 959,472	816 652,297	19,938	19,474	75	98	2 609	197,697	511,573	2,588	2,124
26	49	96 561	39 477,628	775 692,825	19,649	19,185	76	99	1 743	127,612	313,876	2,460	1,996
27	50	96 300	38 039,593	736 215,197	19,354	18,890	77	100	1 125	79,561	186,264	2,341	1,877
28	51	96 014	36 644,150	698 175,604	19,053	18,589							
29	52	95 715	35 294,904	661 531,454	18,743	18,279							
30	53	95 389	33 984,989	626 236,551	18,427	17,963							
31	54	95 036	32 714,198	592 251,562	18,104	17,640							
32	55	94 663	31 483,859	559 537,365	17,772	17,308							
33	56	94 252	30 287,125	528 053,506	17,435	16,971							
34	57	93 826	29 130,760	497 766,381	17,087	16,623							
35	58	93 363	28 006,878	468 635,621	16,733	16,269							
36	59	92 857	26 913,089	440 628,742	16,372	15,908							
37	60	92 329	25 855,126	413 715,653	16,001	15,537							
38	61	91 734	24 819,669	387 860,527	15,627	15,163							
39	62	91 114	23 818,345	363 040,859	15,242	14,778							
40	63	90 436	22 841,649	339 222,513	14,851	14,387							
41	64	89 710	21 892,166	316 380,865	14,452	13,988							
42	65	88 933	20 968,453	294 488,699	14,044	13,580							
43	66	88 102	20 070,101	273 520,246	13,628	13,164							
44	67	87 210	19 195,024	253 450,145	13,204	12,740							
45	68	86 239	18 339,528	234 255,120	12,773	12,309							
46	69	85 188	17 503,493	215 915,592	12,336	11,872							
47	70	84 022	16 680,036	198 412,099	11,895	11,431							
48	71	82 761	15 874,164	181 732,063	11,448	10,984							
49	72	81 369	15 079,270	165 857,900	10,999	10,535							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 483 505,858	24,998	24,534	50	74	78 414	14 040,317	142 494,610	10,149	9,685
1	25	98 922	95 576,700	2 384 157,936	24,945	24,481	51	75	76 570	13 246,552	128 454,293	9,697	9,233
2	26	98 865	92 291,198	2 288 581,236	24,797	24,333	52	76	74 505	12 453,356	115 207,741	9,251	8,787
3	27	98 819	89 129,258	2 196 290,038	24,642	24,178	53	77	72 234	11 665,559	102 754,385	8,808	8,344
4	28	98 779	86 079,997	2 107 160,781	24,479	24,015	54	78	69 740	10 881,932	91 088,827	8,371	7,907
5	29	98 739	83 135,496	2 021 080,784	24,311	23,847	55	79	66 989	10 099,136	80 206,895	7,942	7,478
6	30	98 700	80 292,581	1 937 945,288	24,136	23,672	56	80	64 029	9 326,429	70 107,760	7,517	7,053
7	31	98 663	77 547,906	1 857 652,707	23,955	23,491	57	81	60 795	8 555,992	60 781,331	7,104	6,640
8	32	98 621	74 893,842	1 780 104,801	23,768	23,304	58	82	57 326	7 794,913	52 225,339	6,700	6,236
9	33	98 577	72 329,183	1 705 210,960	23,576	23,112	59	83	53 588	7 040,219	44 430,426	6,311	5,847
10	34	98 533	69 851,989	1 632 881,776	23,376	22,912	60	84	49 626	6 299,242	37 390,207	5,936	5,472
11	35	98 484	67 456,423	1 563 029,788	23,171	22,707	61	85	45 467	5 576,171	31 090,965	5,576	5,112
12	36	98 433	65 141,179	1 495 573,365	22,959	22,495	62	86	41 121	4 872,665	25 514,794	5,236	4,772
13	37	98 377	62 902,410	1 430 432,186	22,740	22,276	63	87	36 690	4 200,593	20 642,129	4,914	4,450
14	38	98 316	60 737,947	1 367 529,776	22,515	22,051	64	88	32 057	3 545,994	16 441,536	4,637	4,173
15	39	98 242	58 639,736	1 306 791,829	22,285	21,821	65	89	27 632	2 953,174	12 895,542	4,367	3,903
16	40	98 153	56 605,597	1 248 152,093	22,050	21,586	66	90	23 399	2 416,248	9 942,369	4,115	3,651
17	41	98 054	54 636,208	1 191 546,497	21,809	21,345	67	91	19 599	1 955,418	7 526,121	3,849	3,385
18	42	97 939	52 726,731	1 136 910,289	21,562	21,098	68	92	15 914	1 534,010	5 570,702	3,631	3,167
19	43	97 792	50 867,227	1 084 183,557	21,314	20,850	69	93	12 653	1 178,414	4 036,692	3,426	2,962
20	44	97 636	49 068,430	1 033 316,330	21,059	20,595	70	94	9 818	883,494	2 858,278	3,235	2,771
21	45	97 467	47 327,210	984 247,900	20,797	20,333	71	95	7 426	645,622	1 974,784	3,059	2,595
22	46	97 280	45 639,173	936 920,690	20,529	20,065	72	96	5 466	459,129	1 329,163	2,895	2,431
23	47	97 075	44 002,658	891 281,517	20,255	19,791	73	97	3 906	316,998	870,033	2,745	2,281
24	48	96 853	42 417,491	847 278,858	19,975	19,511	74	98	2 707	212,278	553,035	2,605	2,141
25	49	96 618	40 883,575	804 861,367	19,687	19,223	75	99	1 815	137,541	340,757	2,477	2,013
26	50	96 359	39 395,038	763 977,792	19,393	18,929	76	100	1 177	86,150	203,215	2,359	1,895
27	51	96 075	37 950,715	724 582,754	19,093	18,629							
28	52	95 775	36 552,877	686 632,039	18,785	18,321							
29	53	95 450	35 197,107	650 079,162	18,470	18,006							
30	54	95 099	33 881,702	614 882,055	18,148	17,684							
31	55	94 733	32 609,965	581 000,353	17,817	17,353							
32	56	94 322	31 370,594	548 390,387	17,481	17,017							
33	57	93 894	30 172,249	517 019,793	17,136	16,672							
34	58	93 439	29 010,559	486 847,544	16,782	16,318							
35	59	92 938	27 879,177	457 836,985	16,422	15,958							
36	60	92 414	26 784,489	429 957,808	16,052	15,588							
37	61	91 824	25 713,754	403 173,320	15,679	15,215							
38	62	91 212	24 678,557	377 459,566	15,295	14,831							
39	63	90 542	23 668,890	352 781,009	14,905	14,441							
40	64	89 833	22 689,326	329 112,119	14,505	14,041							
41	65	89 065	21 734,634	306 422,793	14,098	13,634							
42	66	88 244	20 806,107	284 688,159	13,683	13,219							
43	67	87 378	19 905,130	263 882,052	13,257	12,793							
44	68	86 423	19 021,892	243 976,923	12,826	12,362							
45	69	85 394	18 159,890	224 955,031	12,387	11,923							
46	70	84 254	17 311,521	206 795,140	11,946	11,481							
47	71	83 018	16 480,739	189 483,620	11,497	11,033							
48	72	81 657	15 662,355	173 002,881	11,046	10,582							
49	73	80 110	14 845,916	157 340,526	10,598	10,134							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 470 298,318	24,871	24,407	50	75	76 899	13 769,001	134 069,697	9,737	9,273
1	26	98 900	95 555,401	2 370 972,983	24,813	24,349	51	76	74 864	12 951,403	120 300,696	9,289	8,825
2	27	98 838	92 266,541	2 275 417,582	24,661	24,197	52	77	72 616	12 137,692	107 349,293	8,844	8,380
3	28	98 794	89 106,251	2 183 151,040	24,501	24,037	53	78	70 143	11 327,791	95 211,601	8,405	7,941
4	29	98 753	86 057,639	2 094 044,790	24,333	23,869	54	79	67 421	10 520,019	83 883,810	7,974	7,510
5	30	98 712	83 112,438	2 007 987,151	24,160	23,696	55	80	64 474	9 719,907	73 363,791	7,548	7,084
6	31	98 673	80 270,545	1 924 874,713	23,980	23,516	56	81	61 252	8 921,912	63 643,884	7,133	6,669
7	32	98 630	77 522,623	1 844 604,168	23,794	23,330	57	82	57 786	8 132,506	54 721,972	6,729	6,265
8	33	98 587	74 867,903	1 767 081,545	23,603	23,139	58	83	54 066	7 351,634	46 589,466	6,337	5,873
9	34	98 542	72 303,015	1 692 213,642	23,404	22,940	59	84	50 107	6 582,893	39 237,833	5,961	5,497
10	35	98 493	69 823,641	1 619 910,627	23,200	22,736	60	85	45 954	5 833,187	32 654,940	5,598	5,134
11	36	98 442	67 427,676	1 550 086,986	22,989	22,525	61	86	41 589	5 100,549	26 821,753	5,259	4,795
12	37	98 387	65 110,803	1 482 659,310	22,771	22,307	62	87	37 147	4 401,729	21 721,203	4,935	4,471
13	38	98 325	62 869,279	1 417 548,507	22,548	22,084	63	88	32 483	3 718,947	17 319,475	4,657	4,193
14	39	98 258	60 702,137	1 354 679,228	22,317	21,853	64	89	28 035	3 101,106	13 600,528	4,386	3,922
15	40	98 173	58 598,497	1 293 977,090	22,082	21,618	65	90	23 770	2 540,412	10 499,422	4,133	3,669
16	41	98 083	56 565,248	1 235 378,594	21,840	21,376	66	91	19 932	2 058,168	7 959,010	3,867	3,403
17	42	97 973	54 590,807	1 178 813,345	21,594	21,130	67	92	16 206	1 616,849	5 900,841	3,650	3,186
18	43	97 847	52 676,855	1 124 222,539	21,342	20,878	68	93	12 906	1 244,108	4 283,992	3,443	2,979
19	44	97 689	50 813,535	1 071 545,684	21,088	20,624	69	94	10 035	934,620	3 039,884	3,253	2,789
20	45	97 525	49 012,943	1 020 732,149	20,826	20,362	70	95	7 605	684,362	2 105,264	3,076	2,612
21	46	97 335	47 263,197	971 719,207	20,560	20,096	71	96	5 611	487,800	1 420,903	2,913	2,449
22	47	97 130	45 568,391	924 456,010	20,287	19,823	72	97	4 023	337,924	933,102	2,761	2,297
23	48	96 906	43 926,296	878 887,619	20,008	19,544	73	98	2 797	226,985	595,178	2,622	2,158
24	49	96 674	42 338,893	834 961,324	19,721	19,257	74	99	1 883	147,686	368,194	2,493	2,029
25	50	96 416	40 798,044	792 622,431	19,428	18,964	75	100	1 226	92,854	220,507	2,375	1,911
26	51	96 133	39 302,993	751 824,387	19,129	18,665							
27	52	95 835	37 856,188	712 521,394	18,822	18,358							
28	53	95 509	36 451,595	674 665,206	18,509	18,044							
29	54	95 160	35 090,137	638 213,611	18,188	17,724							
30	55	94 796	33 773,750	603 123,474	17,858	17,394							
31	56	94 392	32 492,650	569 349,724	17,522	17,058							
32	57	93 964	31 251,609	536 857,075	17,179	16,715							
33	58	93 507	30 047,750	505 605,466	16,827	16,363							
34	59	93 013	28 878,281	475 557,715	16,468	16,004							
35	60	92 494	27 745,960	446 679,435	16,099	15,635							
36	61	91 908	26 638,034	418 933,475	15,727	15,263							
37	62	91 302	25 567,559	392 295,440	15,343	14,879							
38	63	90 640	24 523,705	366 727,881	14,954	14,490							
39	64	89 939	23 511,051	342 204,177	14,555	14,091							
40	65	89 187	22 526,058	318 693,126	14,148	13,684							
41	66	88 375	21 566,355	296 167,068	13,733	13,269							
42	67	87 519	20 635,085	274 600,713	13,307	12,843							
43	68	86 589	19 725,593	253 965,627	12,875	12,411							
44	69	85 576	18 835,570	234 240,035	12,436	11,972							
45	70	84 458	17 960,719	215 404,465	11,993	11,529							
46	71	83 247	17 104,679	197 443,746	11,543	11,079							
47	72	81 910	16 260,837	180 339,067	11,090	10,626							
48	73	80 393	15 419,978	164 078,231	10,641	10,177							
49	74	78 721	14 588,556	148 658,253	10,190	9,726							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	16 687,432	279 705,705	16,761	16,297
1	0	99 594	96 225,902	2 569 856,924	26,706	26,242	51	50	92 606	16 020,660	263 018,273	16,417	15,953
2	1	99 240	92 641,426	2 473 631,022	26,701	26,237	52	51	91 946	15 368,591	246 997,613	16,072	15,608
3	2	99 192	89 465,950	2 380 989,596	26,613	26,149	53	52	91 234	14 733,991	231 629,022	15,721	15,257
4	3	99 162	86 413,546	2 291 523,646	26,518	26,054	54	53	90 460	14 114,846	216 895,030	15,366	14,902
5	4	99 133	83 467,349	2 205 110,099	26,419	25,955	55	54	89 607	13 508,960	202 780,184	15,011	14,547
6	5	99 110	80 625,786	2 121 642,750	26,315	25,851	56	55	88 705	12 920,296	189 271,224	14,649	14,185
7	6	99 090	77 884,052	2 041 016,964	26,206	25,742	57	56	87 728	12 346,290	176 350,428	14,284	13,820
8	7	99 073	75 236,981	1 963 132,912	26,093	25,629	58	57	86 699	11 788,892	164 004,138	13,912	13,448
9	8	99 055	72 679,675	1 887 895,930	25,976	25,512	59	58	85 578	11 242,932	152 215,246	13,539	13,075
10	9	99 040	70 211,518	1 815 216,256	25,854	25,390	60	59	84 370	10 709,429	140 972,314	13,163	12,699
11	10	99 025	67 826,844	1 745 004,737	25,727	25,263	61	60	83 076	10 188,642	130 262,885	12,785	12,321
12	11	99 008	65 521,532	1 677 177,893	25,597	25,133	62	61	81 693	9 680,209	120 074,242	12,404	11,940
13	12	98 989	63 294,181	1 611 656,361	25,463	24,999	63	62	80 230	9 185,353	110 394,033	12,018	11,554
14	13	98 973	61 143,757	1 548 362,180	25,323	24,859	64	63	78 680	8 703,224	101 208,680	11,629	11,165
15	14	98 947	59 060,540	1 487 218,424	25,181	24,717	65	64	77 032	8 232,783	92 505,456	11,236	10,772
16	15	98 915	57 044,863	1 428 157,884	25,036	24,572	66	65	75 285	7 774,055	84 272,673	10,840	10,376
17	16	98 872	55 091,998	1 371 113,020	24,888	24,424	67	66	73 457	7 328,765	76 498,618	10,438	9,974
18	17	98 823	53 202,254	1 316 021,023	24,736	24,272	68	67	71 540	6 896,125	69 169,853	10,030	9,566
19	18	98 750	51 365,559	1 262 818,769	24,585	24,121	69	68	69 501	6 473,064	62 273,728	9,620	9,156
20	19	98 675	49 590,662	1 211 453,209	24,429	23,965	70	69	67 333	6 059,035	55 800,664	9,209	8,745
21	20	98 595	47 874,762	1 161 862,547	24,269	23,805	71	70	65 024	5 653,355	49 741,629	8,799	8,335
22	21	98 518	46 219,970	1 113 987,786	24,102	23,638	72	71	62 587	5 257,493	44 008,274	8,386	7,922
23	22	98 442	44 622,202	1 067 767,816	23,929	23,465	73	72	59 955	4 866,122	38 830,781	7,980	7,516
24	23	98 365	43 079,592	1 023 145,614	23,750	23,286	74	73	57 135	4 480,419	33 964,658	7,581	7,117
25	24	98 286	41 589,353	980 066,021	23,565	23,101	75	74	54 118	4 100,320	29 484,240	7,191	6,727
26	25	98 205	40 150,004	938 476,668	23,374	22,910	76	75	50 964	3 730,793	25 383,919	6,804	6,340
27	26	98 123	38 759,944	898 326,664	23,177	22,713	77	76	47 628	3 368,674	21 653,127	6,428	5,964
28	27	98 035	37 415,520	859 566,720	22,974	22,510	78	77	44 114	3 014,602	18 284,453	6,065	5,601
29	28	97 949	36 118,533	822 151,199	22,763	22,299	79	78	40 454	2 670,971	15 269,851	5,717	5,253
30	29	97 861	34 865,624	786 032,666	22,545	22,081	80	79	36 739	2 343,676	12 598,880	5,376	4,912
31	30	97 768	33 654,879	751 167,041	22,320	21,856	81	80	32 958	2 031,401	10 255,204	5,048	4,584
32	31	97 669	32 483,771	717 512,163	22,088	21,624	82	81	29 168	1 737,013	8 223,803	4,734	4,270
33	32	97 564	31 351,631	685 028,392	21,850	21,386	83	82	25 442	1 463,854	6 486,790	4,431	3,967
34	33	97 460	30 258,948	653 676,761	21,603	21,139	84	83	21 828	1 213,473	5 022,936	4,139	3,675
35	34	97 346	29 201,508	623 417,813	21,349	20,885	85	84	18 364	986,343	3 809,462	3,862	3,398
36	35	97 222	28 178,158	594 216,305	21,088	20,624	86	85	15 087	782,939	2 823,120	3,606	3,142
37	36	97 092	27 188,847	566 038,147	20,819	20,355	87	86	12 066	605,011	2 040,181	3,372	2,908
38	37	96 951	26 231,234	538 849,300	20,542	20,078	88	87	9 354	453,135	1 435,170	3,167	2,703
39	38	96 796	25 303,567	512 618,066	20,259	19,795	89	88	7 032	329,143	982,036	2,984	2,520
40	39	96 625	24 404,795	487 314,499	19,968	19,504	90	89	5 139	232,410	652,893	2,809	2,345
41	40	96 425	23 530,804	462 909,704	19,672	19,208	91	90	3 670	160,361	420,483	2,622	2,158
42	41	96 213	22 685,125	439 378,900	19,369	18,905	92	91	2 519	106,346	260,122	2,446	1,982
43	42	95 978	21 864,466	416 693,775	19,058	18,594	93	92	1 630	66,503	153,776	2,312	1,848
44	43	95 703	21 064,517	394 829,310	18,744	18,280	94	93	1 013	39,907	87,273	2,187	1,723
45	44	95 399	20 287,442	373 764,793	18,423	17,959	95	94	600	22,846	47,366	2,073	1,609
46	45	95 061	19 532,032	353 477,350	18,097	17,633	96	95	338	12,445	24,520	1,970	1,506
47	46	94 671	18 794,093	333 945,319	17,769	17,305	97	96	181	6,433	12,075	1,877	1,413
48	47	94 232	18 074,299	315 151,226	17,436	16,972	98	97	92	3,148	5,642	1,793	1,329
49	48	93 736	17 371,222	297 076,927	17,102	16,638	99	98	44	1,454	2,495	1,716	1,252
							100	99	20	0,632	1,041	1,647	1,183

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	16 718,411	282 129,052	16,875	16,411
1							51	49	92 800	16 054,246	265 410,641	16,532	16,068
2	0	99 558	92 938,794	2 476 910,206	26,651	26,187	52	50	92 161	15 404,584	249 356,395	16,187	15,723
3	1	99 221	89 491,395	2 383 971,411	26,639	26,175	53	51	91 462	14 770,782	233 951,811	15,839	15,375
4	2	99 178	86 427,480	2 294 480,016	26,548	26,084	54	52	90 711	14 154,065	219 181,029	15,485	15,021
5	3	99 147	83 479,319	2 208 052,536	26,450	25,986	55	53	89 880	13 550,141	205 026,964	15,131	14,667
6	4	99 122	80 635,450	2 124 573,217	26,348	25,884	56	54	88 989	12 962,095	191 476,823	14,772	14,308
7	5	99 099	77 891,098	2 043 937,767	26,241	25,777	57	55	88 044	12 390,867	178 514,728	14,407	13,943
8	6	99 081	75 243,014	1 966 046,669	26,129	25,665	58	56	87 029	11 833,777	166 123,861	14,038	13,574
9	7	99 063	72 685,747	1 890 803,655	26,013	25,549	59	57	85 932	11 289,516	154 290,084	13,667	13,203
10	8	99 046	70 215,880	1 818 117,908	25,893	25,429	60	58	84 756	10 758,484	143 000,569	13,292	12,828
11	9	99 031	67 831,150	1 747 902,028	25,768	25,304	61	59	83 475	10 237,561	132 242,085	12,917	12,453
12	10	99 016	65 526,811	1 680 070,878	25,639	25,175	62	60	82 142	9 733,430	122 004,523	12,535	12,071
13	11	98 997	63 299,208	1 614 544,067	25,507	25,043	63	61	80 689	9 237,875	112 271,093	12,153	11,689
14	12	98 981	61 148,444	1 551 244,859	25,369	24,904	64	62	79 176	8 758,180	103 033,219	11,764	11,300
15	13	98 957	59 066,351	1 490 096,415	25,228	24,763	65	63	77 549	8 288,053	94 275,039	11,375	10,911
16	14	98 927	57 051,926	1 431 030,064	25,083	24,619	66	64	75 831	7 830,401	85 986,985	10,981	10,517
17	15	98 886	55 099,467	1 373 978,138	24,936	24,472	67	65	74 030	7 385,950	78 156,585	10,582	10,118
18	16	98 839	53 210,808	1 318 878,671	24,786	24,322	68	66	72 133	6 953,279	70 770,634	10,178	9,714
19	17	98 768	51 374,578	1 265 667,863	24,636	24,172	69	67	70 134	6 531,980	63 817,355	9,770	9,306
20	18	98 697	49 601,497	1 214 293,285	24,481	24,017	70	68	67 999	6 118,971	57 285,375	9,362	8,898
21	19	98 616	47 885,060	1 164 691,789	24,323	23,859	71	69	65 745	5 716,047	51 166,404	8,951	8,487
22	20	98 539	46 229,724	1 116 806,729	24,158	23,694	72	70	63 344	5 321,071	45 450,357	8,542	8,078
23	21	98 463	44 631,849	1 070 577,005	23,987	23,523	73	71	60 766	4 931,929	40 129,287	8,137	7,673
24	22	98 387	43 089,494	1 025 945,156	23,810	23,346	74	72	58 033	4 550,844	35 197,358	7,734	7,270
25	23	98 308	41 598,815	982 855,662	23,627	23,163	75	73	55 073	4 172,655	30 646,514	7,345	6,881
26	24	98 228	40 159,135	941 256,847	23,438	22,974	76	74	51 969	3 804,307	26 473,859	6,959	6,495
27	25	98 145	38 768,584	901 097,713	23,243	22,779	77	75	48 714	3 445,442	22 669,552	6,580	6,116
28	26	98 061	37 425,519	862 329,129	23,041	22,577	78	76	45 261	3 093,003	19 224,109	6,215	5,751
29	27	97 974	36 127,859	824 903,610	22,833	22,369	79	77	41 660	2 750,613	16 131,107	5,865	5,401
30	28	97 886	34 874,683	788 775,751	22,617	22,153	80	78	38 003	2 424,304	13 380,494	5,519	5,055
31	29	97 796	33 664,216	753 901,068	22,395	21,931	81	79	34 244	2 110,658	10 956,191	5,191	4,727
32	30	97 696	32 492,689	720 236,852	22,166	21,702	82	80	30 491	1 815,769	8 845,533	4,872	4,407
33	31	97 596	31 361,855	687 744,164	21,929	21,465	83	81	26 767	1 540,082	7 029,764	4,565	4,101
34	32	97 494	30 269,431	656 382,308	21,685	21,221	84	82	23 144	1 286,642	5 489,682	4,267	3,803
35	33	97 381	29 212,077	626 112,877	21,433	20,969	85	83	19 639	1 054,866	4 203,040	3,984	3,520
36	34	97 262	28 189,598	596 900,800	21,175	20,710	86	84	16 292	845,493	3 148,174	3,723	3,259
37	35	97 133	27 200,438	568 711,202	20,908	20,444	87	85	13 191	661,428	2 302,681	3,481	3,017
38	36	96 996	26 243,472	541 510,764	20,634	20,170	88	86	10 354	501,615	1 641,254	3,272	2,808
39	37	96 847	25 316,901	515 267,292	20,353	19,889	89	87	7 943	371,771	1 139,639	3,065	2,601
40	38	96 682	24 419,192	489 950,391	20,064	19,600	90	88	5 876	265,751	767,868	2,889	2,425
41	39	96 493	23 547,364	465 531,199	19,770	19,306	91	89	4 266	186,417	502,117	2,694	2,229
42	40	96 282	22 701,306	441 983,835	19,470	19,006	92	90	2 957	124,848	315,700	2,529	2,065
43	41	96 058	21 882,650	419 282,529	19,161	18,696	93	91	1 972	80,428	190,852	2,373	1,909
44	42	95 794	21 084,462	397 399,879	18,848	18,384	94	92	1 249	49,206	110,424	2,244	1,780
45	43	95 500	20 308,879	376 315,417	18,530	18,066	95	93	756	28,805	61,218	2,125	1,661
46	44	95 169	19 554,144	356 006,538	18,206	17,742	96	94	437	16,066	32,412	2,017	1,553
47	45	94 799	18 819,547	336 452,394	17,878	17,414	97	95	240	8,514	16,347	1,920	1,456
48	46	94 378	18 102,374	317 632,847	17,546	17,082	98	96	125	4,277	7,832	1,831	1,367
49	47	93 899	17 401,421	299 530,473	17,213	16,749	99	97	61	2,030	3,556	1,751	1,287
							100	98	28	0,909	1,525	1,679	1,215

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	16 747,475	284 369,756	16,980	16,516
1							51	48	92 972	16 084,049	267 622,281	16,639	16,175
2							52	49	92 354	15 436,879	251 538,231	16,295	15,831
3	0	99 539	89 778,653	2 387 009,180	26,588	26,124	53	50	91 676	14 805,374	236 101,353	15,947	15,483
4	1	99 206	86 452,061	2 297 230,527	26,572	26,108	54	51	90 938	14 189,407	221 295,978	15,596	15,132
5	2	99 163	83 492,779	2 210 778,466	26,479	26,015	55	52	90 130	13 587,791	207 106,571	15,242	14,778
6	3	99 136	80 647,014	2 127 285,687	26,378	25,914	56	53	89 260	13 001,609	193 518,780	14,884	14,420
7	4	99 111	77 900,434	2 046 638,673	26,272	25,808	57	54	88 326	12 430,472	180 517,171	14,522	14,058
8	5	99 090	75 249,821	1 968 738,239	26,163	25,699	58	55	87 343	11 876,503	168 086,699	14,153	13,689
9	6	99 071	72 691,575	1 893 488,418	26,048	25,584	59	56	86 259	11 332,499	156 210,196	13,784	13,320
10	7	99 055	70 221,746	1 820 796,842	25,929	25,465	60	57	85 107	10 803,060	144 877,697	13,411	12,947
11	8	99 038	67 835,364	1 750 575,096	25,806	25,342	61	58	83 858	10 284,455	134 074,637	13,037	12,573
12	9	99 022	65 530,971	1 682 739,733	25,679	25,215	62	59	82 537	9 780,163	123 790,182	12,657	12,193
13	10	99 005	63 304,308	1 617 208,762	25,547	25,083	63	60	81 133	9 288,664	114 010,019	12,274	11,810
14	11	98 989	61 153,301	1 553 904,454	25,410	24,946	64	61	79 629	8 808,259	104 721,355	11,889	11,425
15	12	98 964	59 070,879	1 492 751,153	25,271	24,806	65	62	78 039	8 340,388	95 913,096	11,500	11,036
16	13	98 937	57 057,539	1 433 680,274	25,127	24,663	66	63	76 340	7 882,969	87 572,708	11,109	10,645
17	14	98 898	55 106,289	1 376 622,735	24,981	24,517	67	64	74 567	7 439,484	79 689,739	10,712	10,248
18	15	98 852	53 218,023	1 321 516,447	24,832	24,368	68	65	72 696	7 007,534	72 250,256	10,310	9,846
19	16	98 784	51 382,838	1 268 298,424	24,683	24,219	69	66	70 715	6 586,117	65 242,721	9,906	9,442
20	17	98 714	49 610,205	1 216 915,586	24,530	24,066	70	67	68 618	6 174,664	58 656,605	9,500	9,036
21	18	98 638	47 895,522	1 167 305,381	24,372	23,908	71	68	66 395	5 772,590	52 481,941	9,092	8,628
22	19	98 560	46 239,668	1 119 409,859	24,209	23,745	72	69	64 046	5 380,077	46 709,350	8,682	8,218
23	20	98 484	44 641,268	1 073 170,191	24,040	23,576	73	70	61 501	4 991,569	41 329,273	8,280	7,816
24	21	98 409	43 098,810	1 028 528,923	23,864	23,400	74	71	58 818	4 612,387	36 337,704	7,878	7,414
25	22	98 331	41 608,376	985 430,114	23,683	23,219	75	72	55 939	4 238,242	31 725,317	7,485	7,021
26	23	98 250	40 168,271	943 821,737	23,497	23,033	76	73	52 886	3 871,420	27 487,074	7,100	6,636
27	24	98 168	38 777,400	903 653,466	23,304	22,840	77	74	49 674	3 513,334	23 615,654	6,722	6,258
28	25	98 083	37 433,861	864 876,066	23,104	22,640	78	75	46 293	3 163,489	20 102,320	6,354	5,890
29	26	98 001	36 137,514	827 442,206	22,897	22,433	79	76	42 743	2 822,148	16 938,831	6,002	5,538
30	27	97 911	34 883,687	791 304,692	22,684	22,220	80	77	39 136	2 496,590	14 116,684	5,654	5,190
31	28	97 821	33 672,962	756 421,005	22,464	22,000	81	78	35 422	2 183,269	11 620,093	5,322	4,858
32	29	97 723	32 501,703	722 748,043	22,237	21,773	82	79	31 680	1 886,612	9 436,824	5,002	4,538
33	30	97 623	31 370,465	690 246,340	22,003	21,539	83	80	27 980	1 609,909	7 550,212	4,690	4,226
34	31	97 525	30 279,303	658 875,875	21,760	21,296	84	81	24 350	1 353,642	5 940,303	4,388	3,924
35	32	97 415	29 222,198	628 596,572	21,511	21,047	85	82	20 824	1 118,471	4 586,662	4,101	3,637
36	33	97 297	28 199,800	599 374,374	21,255	20,791	86	83	17 424	904,231	3 468,191	3,836	3,371
37	34	97 173	27 211,481	571 174,573	20,990	20,526	87	84	14 245	714,274	2 563,960	3,590	3,126
38	35	97 038	26 254,660	543 963,092	20,719	20,255	88	85	11 320	548,390	1 849,686	3,373	2,909
39	36	96 892	25 328,712	517 708,432	20,440	19,976	89	86	8 792	411,546	1 301,296	3,162	2,698
40	37	96 733	24 432,060	492 379,719	20,153	19,689	90	87	6 637	300,169	889,750	2,964	2,500
41	38	96 550	23 561,255	467 947,659	19,861	19,397	91	88	4 878	213,160	589,581	2,766	2,302
42	39	96 350	22 717,282	444 386,404	19,562	19,098	92	89	3 438	145,133	376,421	2,594	2,130
43	40	96 127	21 898,259	421 669,122	19,256	18,792	93	90	2 315	94,421	231,288	2,450	1,986
44	41	95 874	21 101,997	399 770,863	18,945	18,481	94	91	1 510	59,510	136,866	2,300	1,836
45	42	95 590	20 328,109	378 668,866	18,628	18,164	95	92	933	35,518	77,357	2,178	1,714
46	43	95 269	19 574,806	358 340,757	18,306	17,842	96	93	551	20,257	41,839	2,065	1,601
47	44	94 907	18 840,853	338 765,951	17,980	17,516	97	94	309	10,992	21,582	1,963	1,499
48	45	94 506	18 126,892	319 925,098	17,649	17,185	98	95	165	5,660	10,590	1,871	1,407
49	46	94 045	17 428,451	301 798,206	17,316	16,852	99	96	83	2,758	4,930	1,787	1,323
							100	97	40	1,269	2,172	1,711	1,247

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	16 773,489	286 437,836	17,077	16,613
1							51	47	93 134	16 112,011	269 664,347	16,737	16,273
2							52	48	92 526	15 465,536	253 552,336	16,395	15,931
3							53	49	91 869	14 836,413	238 086,801	16,047	15,583
4	0	99 524	86 729,562	2 300 042,024	26,520	26,056	54	50	91 150	14 222,638	223 250,387	15,697	15,233
5	1	99 191	83 516,525	2 213 312,462	26,501	26,037	55	51	90 355	13 621,720	209 027,749	15,345	14,881
6	2	99 152	80 660,018	2 129 795,937	26,405	25,941	56	52	89 508	13 037,735	195 406,030	14,988	14,524
7	3	99 125	77 911,606	2 049 135,919	26,301	25,837	57	53	88 595	12 468,366	182 368,295	14,626	14,162
8	4	99 102	75 258,841	1 971 224,313	26,193	25,729	58	54	87 622	11 914,464	169 899,929	14,260	13,796
9	5	99 080	72 698,151	1 895 965,472	26,080	25,616	59	55	86 571	11 373,415	157 985,465	13,891	13,427
10	6	99 063	70 227,377	1 823 267,321	25,962	25,498	60	56	85 432	10 844,191	146 612,050	13,520	13,056
11	7	99 046	67 841,031	1 753 039,944	25,840	25,376	61	57	84 205	10 327,067	135 767,859	13,147	12,683
12	8	99 028	65 535,041	1 685 198,913	25,714	25,250	62	58	82 915	9 824,962	125 440,792	12,768	12,304
13	9	99 011	63 308,327	1 619 663,871	25,584	25,120	63	59	81 522	9 333,262	115 615,830	12,388	11,923
14	10	98 996	61 158,228	1 556 355,544	25,448	24,984	64	60	80 067	8 856,686	106 282,569	12,000	11,536
15	11	98 972	59 075,571	1 495 197,317	25,310	24,846	65	61	78 485	8 388,078	97 425,883	11,615	11,151
16	12	98 945	57 061,913	1 436 121,746	25,168	24,704	66	62	76 822	7 932,746	89 037,805	11,224	10,760
17	13	98 908	55 111,710	1 379 059,833	25,023	24,559	67	63	75 068	7 489,428	81 105,059	10,829	10,365
18	14	98 864	53 224,612	1 323 948,123	24,875	24,411	68	64	73 223	7 058,325	73 615,632	10,430	9,966
19	15	98 797	51 389,804	1 270 723,511	24,727	24,263	69	65	71 267	6 637,507	66 557,307	10,027	9,563
20	16	98 730	49 618,182	1 219 333,707	24,574	24,110	70	66	69 187	6 225,839	59 919,800	9,624	9,160
21	17	98 655	47 903,931	1 169 715,525	24,418	23,954	71	67	66 999	5 825,131	53 693,961	9,218	8,754
22	18	98 582	46 249,771	1 121 811,594	24,256	23,791	72	68	64 680	5 433,297	47 868,830	8,810	8,346
23	19	98 505	44 650,870	1 075 561,824	24,088	23,624	73	69	62 183	5 046,922	42 435,533	8,408	7,944
24	20	98 430	43 107,905	1 030 910,953	23,915	23,451	74	70	59 529	4 668,163	37 388,610	8,009	7,545
25	21	98 352	41 617,372	987 803,048	23,735	23,271	75	71	56 695	4 295,558	32 720,447	7,617	7,153
26	22	98 273	40 177,504	946 185,677	23,550	23,086	76	72	53 717	3 932,272	28 424,889	7,229	6,765
27	23	98 190	38 786,222	906 008,173	23,359	22,895	77	73	50 550	3 575,314	24 492,617	6,850	6,386
28	24	98 105	37 442,373	867 221,951	23,162	22,697	78	74	47 205	3 225,825	20 917,303	6,484	6,020
29	25	98 022	36 145,568	829 779,577	22,957	22,493	79	75	43 717	2 886,461	17 691,478	6,129	5,665
30	26	97 937	34 893,009	793 634,009	22,745	22,281	80	76	40 154	2 561,519	14 805,017	5,780	5,316
31	27	97 846	33 681,656	758 741,000	22,527	22,063	81	77	36 478	2 248,369	12 243,498	5,446	4,981
32	28	97 749	32 510,147	725 059,344	22,303	21,839	82	78	32 770	1 951,516	9 995,129	5,122	4,658
33	29	97 650	31 379,168	692 549,197	22,070	21,606	83	79	29 072	1 672,721	8 043,613	4,809	4,345
34	30	97 552	30 287,615	661 170,028	21,830	21,366	84	80	25 454	1 415,015	6 370,893	4,502	4,038
35	31	97 447	29 231,728	630 882,413	21,582	21,118	85	81	21 908	1 176,713	4 955,877	4,212	3,748
36	32	97 331	28 209,571	601 650,685	21,328	20,864	86	82	18 475	958,753	3 779,164	3,942	3,478
37	33	97 208	27 221,330	573 441,114	21,066	20,602	87	83	15 235	763,896	2 820,411	3,692	3,228
38	34	97 077	26 265,319	546 219,784	20,796	20,332	88	84	12 224	592,205	2 056,515	3,473	3,009
39	35	96 933	25 339,511	519 954,465	20,520	20,055	89	85	9 612	449,922	1 464,311	3,255	2,791
40	36	96 778	24 443,459	494 614,954	20,235	19,771	90	86	7 348	332,284	1 014,388	3,053	2,589
41	37	96 601	23 573,672	470 171,496	19,945	19,481	91	87	5 510	240,767	682,104	2,833	2,369
42	38	96 407	22 730,683	446 597,824	19,647	19,183	92	88	3 931	165,954	441,337	2,659	2,195
43	39	96 194	21 913,670	423 867,141	19,343	18,879	93	89	2 691	109,763	275,383	2,509	2,045
44	40	95 942	21 117,049	401 953,471	19,035	18,571	94	90	1 773	69,863	165,620	2,371	1,907
45	41	95 670	20 345,015	380 836,422	18,719	18,255	95	91	1 128	42,955	95,757	2,229	1,765
46	42	95 360	19 593,340	360 491,407	18,399	17,935	96	92	679	24,977	52,802	2,114	1,650
47	43	95 007	18 860,761	340 898,067	18,074	17,610	97	93	390	13,859	27,826	2,008	1,544
48	44	94 613	18 147,413	322 037,305	17,746	17,282	98	94	213	7,307	13,966	1,911	1,447
49	45	94 172	17 452,056	303 889,892	17,413	16,949	99	95	110	3,651	6,659	1,824	1,360
							100	96	54	1,724	3,008	1,745	1,281

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	16 796,207	288 342,927	17,167	16,703
1							51	46	93 279	16 137,038	271 546,721	16,828	16,364
2							52	47	92 687	15 492,422	255 409,683	16,486	16,022
3							53	48	92 039	14 863,955	239 917,261	16,141	15,677
4							54	49	91 342	14 252,455	225 053,306	15,790	15,326
5	0	99 510	83 784,604	2 215 912,502	26,448	25,984	55	50	90 566	13 653,621	210 800,851	15,439	14,975
6	1	99 180	80 682,959	2 132 127,898	26,426	25,962	56	51	89 731	13 070,290	197 147,230	15,084	14,620
7	2	99 141	77 924,168	2 051 444,940	26,326	25,862	57	52	88 841	12 503,009	184 076,940	14,723	14,259
8	3	99 116	75 269,634	1 973 520,771	26,219	25,755	58	53	87 889	11 950,785	171 573,930	14,357	13,893
9	4	99 092	72 706,865	1 898 251,138	26,108	25,644	59	54	86 848	11 409,768	159 623,145	13,990	13,526
10	5	99 072	70 233,730	1 825 544,273	25,992	25,528	60	55	85 740	10 883,344	148 213,377	13,618	13,154
11	6	99 054	67 846,471	1 755 310,543	25,872	25,408	61	56	84 526	10 366,386	137 330,033	13,248	12,784
12	7	99 036	65 540,517	1 687 464,072	25,747	25,283	62	57	83 258	9 865,670	126 963,647	12,869	12,405
13	8	99 018	63 312,259	1 621 923,555	25,618	25,154	63	58	81 896	9 376,013	117 097,977	12,489	12,025
14	9	99 003	61 162,110	1 558 611,295	25,483	25,019	64	59	80 451	8 899,210	107 721,964	12,105	11,641
15	10	98 980	59 080,330	1 497 449,185	25,346	24,882	65	60	78 916	8 434,195	98 822,754	11,717	11,253
16	11	98 952	57 066,445	1 438 368,855	25,205	24,741	66	61	77 261	7 978,105	90 388,560	11,330	10,866
17	12	98 915	55 115,935	1 381 302,410	25,062	24,598	67	62	75 542	7 536,719	82 410,455	10,935	10,471
18	13	98 874	53 229,848	1 326 186,475	24,914	24,450	68	63	73 714	7 105,710	74 873,736	10,537	10,073
19	14	98 809	51 396,167	1 272 956,627	24,768	24,304	69	64	71 784	6 685,615	67 768,026	10,136	9,672
20	15	98 743	49 624,909	1 221 560,460	24,616	24,152	70	65	69 727	6 274,418	61 082,410	9,735	9,271
21	16	98 671	47 911,633	1 171 935,551	24,460	23,996	71	66	67 555	5 873,409	54 807,992	9,332	8,868
22	17	98 599	46 257,890	1 124 023,917	24,299	23,835	72	67	65 268	5 482,750	48 934,583	8,925	8,461
23	18	98 526	44 660,626	1 077 766,027	24,132	23,668	73	68	62 798	5 096,847	43 451,834	8,525	8,061
24	19	98 451	43 117,178	1 033 105,401	23,960	23,496	74	69	60 190	4 719,930	38 354,987	8,126	7,662
25	20	98 373	41 626,154	989 988,223	23,783	23,319	75	70	57 381	4 347,503	33 635,057	7,737	7,273
26	21	98 294	40 186,190	948 362,069	23,599	23,135	76	71	54 443	3 985,450	29 287,554	7,349	6,885
27	22	98 212	38 795,137	908 175,879	23,410	22,946	77	72	51 345	3 631,512	25 302,104	6,967	6,503
28	23	98 128	37 450,892	869 380,742	23,214	22,750	78	73	48 038	3 282,732	21 670,592	6,601	6,137
29	24	98 045	36 153,788	831 929,850	23,011	22,547	79	74	44 579	2 943,339	18 387,860	6,247	5,783
30	25	97 959	34 900,787	795 776,062	22,801	22,337	80	75	41 069	2 619,893	15 444,521	5,895	5,431
31	26	97 872	33 690,657	760 875,276	22,584	22,120	81	76	37 427	2 306,842	12 824,628	5,559	5,095
32	27	97 774	32 518,541	727 184,619	22,362	21,898	82	77	33 747	2 009,706	10 517,786	5,233	4,769
33	28	97 676	31 387,320	694 666,078	22,132	21,668	83	78	30 072	1 730,266	8 508,080	4,917	4,453
34	29	97 579	30 296,018	663 278,757	21,893	21,429	84	79	26 447	1 470,223	6 777,815	4,610	4,146
35	30	97 473	29 239,753	632 982,739	21,648	21,184	85	80	22 901	1 230,065	5 307,591	4,315	3,851
36	31	97 362	28 218,771	603 742,986	21,395	20,931	86	81	19 437	1 008,679	4 077,526	4,042	3,578
37	32	97 242	27 230,761	575 524,215	21,135	20,671	87	82	16 154	809,956	3 068,848	3,789	3,325
38	33	97 112	26 274,825	548 293,454	20,868	20,404	88	83	13 074	633,346	2 258,892	3,567	3,103
39	34	96 972	25 349,798	522 018,629	20,593	20,129	89	84	10 380	485,870	1 625,545	3,346	2,882
40	35	96 819	24 453,880	496 668,831	20,310	19,846	90	85	8 033	363,269	1 139,675	3,137	2,673
41	36	96 646	23 584,669	472 214,951	20,022	19,558	91	86	6 100	266,526	776,406	2,913	2,449
42	37	96 457	22 742,662	448 630,282	19,726	19,262	92	87	4 440	187,447	509,880	2,720	2,256
43	38	96 251	21 926,597	425 887,620	19,423	18,959	93	88	3 077	125,509	322,433	2,569	2,105
44	39	96 009	21 131,911	403 961,023	19,116	18,652	94	89	2 061	81,214	196,924	2,425	1,961
45	40	95 738	20 359,527	382 829,112	18,803	18,339	95	90	1 324	50,428	115,709	2,295	1,831
46	41	95 439	19 609,635	362 469,585	18,484	18,020	96	91	821	30,207	65,281	2,161	1,697
47	42	95 097	18 878,620	342 859,950	18,161	17,697	97	92	481	17,089	35,074	2,052	1,588
48	43	94 713	18 166,589	323 981,330	17,834	17,370	98	93	268	9,213	17,985	1,952	1,488
49	44	94 279	17 471,813	305 814,741	17,503	17,039	99	94	142	4,713	8,772	1,861	1,397
							100	95	71	2,282	4,059	1,779	1,315

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	16 815,222	290 094,064	17,252	16,788
1							51	45	93 405	16 158,894	273 278,842	16,912	16,448
2							52	46	92 831	15 516,486	257 119,948	16,571	16,107
3							53	47	92 199	14 889,795	241 603,462	16,226	15,762
4							54	48	91 511	14 278,914	226 713,666	15,878	15,413
5							55	49	90 756	13 682,245	212 434,753	15,526	15,062
6	0	99 498	80 941,942	2 134 530,923	26,371	25,907	56	50	89 942	13 100,900	198 752,507	15,171	14,707
7	1	99 170	77 946,331	2 053 588,981	26,346	25,882	57	51	89 063	12 534,230	185 651,608	14,812	14,348
8	2	99 132	75 281,770	1 975 642,650	26,243	25,779	58	52	88 134	11 983,990	173 117,378	14,446	13,982
9	3	99 106	72 717,292	1 900 360,880	26,134	25,670	59	53	87 112	11 444,550	161 133,388	14,079	13,615
10	4	99 083	70 242,149	1 827 643,588	26,019	25,555	60	54	86 014	10 918,131	149 688,837	13,710	13,246
11	5	99 063	67 852,609	1 757 401,440	25,900	25,436	61	55	84 831	10 403,814	138 770,706	13,338	12,874
12	6	99 044	65 545,772	1 689 548,831	25,777	25,313	62	56	83 575	9 903,232	128 366,892	12,962	12,498
13	7	99 026	63 317,549	1 624 003,059	25,649	25,185	63	57	82 235	9 414,861	118 463,660	12,583	12,119
14	8	99 009	61 165,910	1 560 685,510	25,516	25,052	64	58	80 820	8 939,973	109 048,799	12,198	11,734
15	9	98 986	59 084,081	1 499 519,600	25,379	24,915	65	59	79 295	8 474,690	100 108,826	11,813	11,349
16	10	98 960	57 071,043	1 440 435,519	25,239	24,775	66	60	77 686	8 021,968	91 634,137	11,423	10,959
17	11	98 923	55 120,313	1 383 364,476	25,097	24,633	67	61	75 973	7 579,814	83 612,169	11,031	10,567
18	12	98 881	53 233,928	1 328 244,163	24,951	24,487	68	62	74 180	7 150,578	76 032,355	10,633	10,169
19	13	98 819	51 401,223	1 275 010,235	24,805	24,341	69	63	72 266	6 730,499	68 881,776	10,234	9,770
20	14	98 755	49 631,053	1 223 609,012	24,654	24,190	70	64	70 232	6 319,895	62 151,278	9,834	9,370
21	15	98 684	47 918,129	1 173 977,958	24,500	24,036	71	65	68 082	5 919,238	55 831,383	9,432	8,968
22	16	98 615	46 265,328	1 126 059,829	24,339	23,875	72	66	65 809	5 528,190	49 912,145	9,029	8,565
23	17	98 544	44 668,467	1 079 794,501	24,174	23,710	73	67	63 370	5 143,237	44 383,954	8,630	8,166
24	18	98 472	43 126,598	1 035 126,034	24,002	23,538	74	68	60 785	4 766,619	39 240,718	8,232	7,768
25	19	98 394	41 635,108	991 999,436	23,826	23,362	75	69	58 017	4 395,714	34 474,098	7,843	7,379
26	20	98 314	40 194,671	950 364,328	23,644	23,180	76	70	55 102	4 033,645	30 078,385	7,457	6,993
27	21	98 234	38 803,524	910 169,657	23,456	22,992	77	71	52 039	3 680,622	26 044,740	7,076	6,612
28	22	98 150	37 459,500	871 366,133	23,262	22,798	78	72	48 793	3 334,332	22 364,117	6,707	6,243
29	23	98 067	36 162,013	833 906,634	23,060	22,596	79	73	45 365	2 995,263	19 029,786	6,353	5,889
30	24	97 982	34 908,723	797 744,620	22,852	22,388	80	74	41 878	2 671,518	16 034,523	6,002	5,538
31	25	97 894	33 698,166	762 835,897	22,637	22,173	81	75	38 280	2 359,412	13 363,005	5,664	5,200
32	26	97 800	32 527,231	729 137,731	22,416	21,952	82	76	34 625	2 061,972	11 003,593	5,336	4,872
33	27	97 701	31 395,425	696 610,500	22,188	21,724	83	77	30 969	1 781,858	8 941,621	5,018	4,554
34	28	97 605	30 303,889	665 215,075	21,951	21,487	84	78	27 357	1 520,802	7 159,763	4,708	4,244
35	29	97 500	29 247,865	634 911,186	21,708	21,244	85	79	23 795	1 278,057	5 638,960	4,412	3,948
36	30	97 389	28 226,517	605 663,321	21,457	20,993	86	80	20 318	1 054,412	4 360,904	4,136	3,672
37	31	97 273	27 239,642	577 436,804	21,198	20,734	87	81	16 995	852,133	3 306,492	3,880	3,416
38	32	97 146	26 283,929	550 197,162	20,933	20,469	88	82	13 862	671,535	2 454,359	3,655	3,191
39	33	97 007	25 358,973	523 913,233	20,660	20,196	89	83	11 101	519,624	1 782,824	3,431	2,967
40	34	96 859	24 463,808	498 554,260	20,379	19,915	90	84	8 674	392,293	1 263,199	3,220	2,756
41	35	96 687	23 594,724	474 090,452	20,093	19,629	91	85	6 669	291,379	870,906	2,989	2,525
42	36	96 502	22 753,272	450 495,728	19,799	19,335	92	86	4 915	207,502	579,526	2,793	2,329
43	37	96 302	21 938,152	427 742,456	19,498	19,034	93	87	3 476	141,764	372,025	2,624	2,160
44	38	96 066	21 144,377	405 804,304	19,192	18,728	94	88	2 356	92,865	230,260	2,480	2,015
45	39	95 805	20 373,855	384 659,927	18,880	18,416	95	89	1 540	58,622	137,395	2,344	1,880
46	40	95 507	19 623,623	364 286,072	18,564	18,100	96	90	964	35,462	78,773	2,221	1,757
47	41	95 176	18 894,320	344 662,449	18,242	17,778	97	91	581	20,667	43,311	2,096	1,632
48	42	94 803	18 183,790	325 768,129	17,915	17,451	98	92	331	11,360	22,644	1,993	1,529
49	43	94 379	17 490,275	307 584,339	17,586	17,122	99	93	179	5,943	11,284	1,899	1,435
							100	94	92	2,946	5,341	1,813	1,349

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	16 832,990	291 702,451	17,329	16,865
1							51	44	93 511	16 177,187	274 869,461	16,991	16,527
2							52	45	92 956	15 537,502	258 692,274	16,650	16,186
3							53	46	92 342	14 912,924	243 154,772	16,305	15,841
4							54	47	91 670	14 303,737	228 241,848	15,957	15,493
5							55	48	90 925	13 707,645	213 938,111	15,607	15,143
6							56	49	90 130	13 128,365	200 230,467	15,252	14,788
7	0	99 488	78 196,530	2 055 808,950	26,290	25,826	57	50	89 272	12 563,584	187 102,101	14,892	14,428
8	1	99 160	75 303,181	1 977 612,420	26,262	25,798	58	51	88 354	12 013,915	174 538,517	14,528	14,064
9	2	99 122	72 729,017	1 902 309,239	26,156	25,692	59	52	87 354	11 476,350	162 524,603	14,162	13,698
10	3	99 098	70 252,222	1 829 580,222	26,043	25,579	60	53	86 276	10 951,415	151 048,253	13,793	13,329
11	4	99 075	67 860,742	1 759 328,000	25,926	25,462	61	54	85 102	10 437,068	140 096,839	13,423	12,959
12	5	99 053	65 551,702	1 691 467,258	25,804	25,340	62	55	83 877	9 938,988	129 659,771	13,046	12,582
13	6	99 034	63 322,626	1 625 915,556	25,677	25,213	63	56	82 548	9 450,707	119 720,783	12,668	12,204
14	7	99 017	61 171,020	1 562 592,930	25,545	25,081	64	57	81 155	8 977,014	110 270,076	12,284	11,820
15	8	98 993	59 087,751	1 501 421,910	25,410	24,946	65	58	79 658	8 513,508	101 293,062	11,898	11,434
16	9	98 967	57 074,666	1 442 334,159	25,271	24,807	66	59	78 059	8 060,484	92 779,554	11,510	11,046
17	10	98 931	55 124,754	1 385 259,493	25,130	24,666	67	60	76 391	7 621,487	84 719,070	11,116	10,652
18	11	98 889	53 238,157	1 330 134,739	24,985	24,521	68	61	74 604	7 191,465	77 097,583	10,721	10,257
19	12	98 826	51 405,164	1 276 896,582	24,840	24,376	69	62	72 722	6 772,998	69 906,117	10,321	9,857
20	13	98 765	49 635,936	1 225 491,419	24,690	24,226	70	63	70 703	6 362,323	63 133,120	9,923	9,459
21	14	98 696	47 924,062	1 175 855,483	24,536	24,072	71	64	68 575	5 962,141	56 770,797	9,522	9,058
22	15	98 628	46 271,601	1 127 931,421	24,376	23,912	72	65	66 323	5 571,326	50 808,656	9,120	8,656
23	16	98 560	44 675,649	1 081 659,820	24,211	23,747	73	66	63 895	5 185,863	45 237,330	8,723	8,259
24	17	98 489	43 134,170	1 036 984,171	24,041	23,577	74	67	61 338	4 810,004	40 051,467	8,327	7,863
25	18	98 415	41 644,205	993 850,001	23,865	23,401	75	68	58 591	4 439,196	35 241,463	7,939	7,475
26	19	98 336	40 203,317	952 205,797	23,685	23,221	76	69	55 713	4 078,375	30 802,267	7,553	7,089
27	20	98 254	38 811,713	912 002,480	23,498	23,034	77	70	52 668	3 725,131	26 723,892	7,174	6,710
28	21	98 172	37 467,598	873 190,767	23,305	22,841	78	71	49 453	3 379,423	22 998,761	6,806	6,342
29	22	98 090	36 170,325	835 723,169	23,105	22,641	79	72	46 078	3 042,343	19 619,337	6,449	5,985
30	23	98 004	34 916,665	799 552,844	22,899	22,435	80	73	42 617	2 718,647	16 576,994	6,098	5,633
31	24	97 916	33 705,829	764 636,178	22,686	22,222	81	74	39 034	2 405,904	13 858,347	5,760	5,296
32	25	97 822	32 534,481	730 930,349	22,466	22,002	82	75	35 414	2 108,962	11 452,443	5,430	4,966
33	26	97 727	31 403,814	698 395,868	22,239	21,775	83	76	31 774	1 828,199	9 343,481	5,111	4,647
34	27	97 630	30 311,714	666 992,053	22,004	21,540	84	77	28 172	1 566,149	7 515,282	4,799	4,335
35	28	97 526	29 255,464	636 680,340	21,763	21,299	85	78	24 613	1 322,025	5 949,133	4,500	4,036
36	29	97 416	28 234,348	607 424,876	21,514	21,050	86	79	21 111	1 095,550	4 627,108	4,224	3,760
37	30	97 300	27 247,120	579 190,528	21,257	20,793	87	80	17 765	890,768	3 531,558	3,965	3,501
38	31	97 177	26 292,501	551 943,408	20,992	20,528	88	81	14 584	706,504	2 640,789	3,738	3,274
39	32	97 041	25 367,759	525 650,908	20,721	20,257	89	82	11 771	550,956	1 934,285	3,511	3,047
40	33	96 894	24 472,662	500 283,149	20,443	19,979	90	83	9 277	419,547	1 383,329	3,297	2,833
41	34	96 727	23 604,304	475 810,487	20,158	19,694	91	84	7 201	314,660	963,783	3,063	2,599
42	35	96 544	22 762,973	452 206,183	19,866	19,402	92	85	5 373	226,851	649,123	2,861	2,397
43	36	96 347	21 948,387	429 443,211	19,566	19,102	93	86	3 847	156,931	422,272	2,691	2,227
44	37	96 117	21 155,519	407 494,824	19,262	18,798	94	87	2 662	104,893	265,340	2,530	2,066
45	38	95 862	20 385,874	386 339,305	18,951	18,487	95	88	1 760	67,032	160,447	2,394	1,930
46	39	95 574	19 637,433	365 953,431	18,636	18,171	96	89	1 121	41,224	93,416	2,266	1,802
47	40	95 244	18 907,798	346 315,998	18,316	17,852	97	90	683	24,263	52,192	2,151	1,687
48	41	94 882	18 198,913	327 408,200	17,991	17,527	98	91	400	13,739	27,929	2,033	1,569
49	42	94 468	17 506,836	309 209,287	17,662	17,198	99	92	221	7,328	14,190	1,937	1,473
							100	93	116	3,714	6,863	1,848	1,384



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	16 848,928	293 178,239	17,400	16,936
1							51	43	93 609	16 194,281	276 329,311	17,063	16,599
2							52	44	93 062	15 555,092	260 135,030	16,723	16,259
3							53	45	92 468	14 933,122	244 579,938	16,378	15,914
4							54	46	91 813	14 325,955	229 646,816	16,030	15,566
5							55	47	91 083	13 731,475	215 320,861	15,681	15,217
6							56	48	90 297	13 152,737	201 589,386	15,327	14,863
7							57	49	89 459	12 589,923	188 436,649	14,967	14,503
8	0	99 478	75 544,896	1 979 662,720	26,205	25,741	58	50	88 561	12 042,050	175 846,726	14,603	14,139
9	1	99 150	72 749,702	1 904 117,824	26,174	25,710	59	51	87 572	11 505,006	163 804,676	14,238	13,774
10	2	99 114	70 263,549	1 831 368,122	26,064	25,600	60	52	86 516	10 981,844	152 299,670	13,868	13,404
11	3	99 089	67 870,474	1 761 104,573	25,948	25,484	61	53	85 361	10 468,885	141 317,827	13,499	13,035
12	4	99 065	65 559,559	1 693 234,099	25,827	25,363	62	54	84 145	9 970,756	130 848,942	13,123	12,659
13	5	99 043	63 328,355	1 627 674,540	25,702	25,238	63	55	82 846	9 484,829	120 878,186	12,744	12,280
14	6	99 025	61 175,925	1 564 346,185	25,571	25,107	64	56	81 464	9 011,193	111 393,357	12,362	11,898
15	7	99 001	59 092,688	1 503 170,260	25,438	24,973	65	57	79 988	8 548,783	102 382,164	11,976	11,512
16	8	98 973	57 078,212	1 444 077,573	25,300	24,836	66	58	78 417	8 097,405	93 833,381	11,588	11,124
17	9	98 937	55 128,253	1 386 999,361	25,160	24,695	67	59	76 758	7 658,080	85 735,976	11,195	10,731
18	10	98 897	53 242,446	1 331 871,108	25,015	24,551	68	60	75 014	7 231,003	78 077,896	10,798	10,334
19	11	98 834	51 409,247	1 278 628,662	24,872	24,408	69	61	73 138	6 811,726	70 846,892	10,401	9,937
20	12	98 773	49 639,741	1 227 219,415	24,723	24,258	70	62	71 150	6 402,497	64 035,167	10,002	9,538
21	13	98 706	47 928,777	1 177 579,674	24,569	24,105	71	63	69 036	6 002,167	57 632,669	9,602	9,138
22	14	98 641	46 277,330	1 129 650,898	24,410	23,946	72	64	66 804	5 611,707	51 630,503	9,200	8,736
23	15	98 573	44 681,706	1 083 373,568	24,246	23,782	73	65	64 394	5 226,328	46 018,796	8,805	8,341
24	16	98 505	43 141,105	1 038 691,862	24,077	23,613	74	66	61 847	4 849,869	40 792,468	8,411	7,947
25	17	98 433	41 651,516	995 550,757	23,902	23,438	75	67	59 124	4 479,600	35 942,600	8,024	7,560
26	18	98 357	40 212,100	953 899,240	23,722	23,258	76	68	56 264	4 118,719	31 462,999	7,639	7,175
27	19	98 276	38 820,061	913 687,140	23,536	23,072	77	69	53 252	3 766,440	27 344,280	7,260	6,796
28	20	98 192	37 475,505	874 867,079	23,345	22,881	78	70	50 051	3 420,290	23 577,840	6,894	6,429
29	21	98 111	36 178,145	837 391,573	23,146	22,682	79	71	46 701	3 083,486	20 157,551	6,537	6,073
30	22	98 026	34 924,691	801 213,428	22,941	22,477	80	72	43 287	2 761,380	17 074,064	6,183	5,719
31	23	97 939	33 713,498	766 288,738	22,729	22,265	81	73	39 723	2 448,347	14 312,685	5,846	5,382
32	24	97 844	32 541,880	732 575,240	22,512	22,048	82	74	36 112	2 150,519	11 864,338	5,517	5,053
33	25	97 749	31 410,814	700 033,360	22,286	21,822	83	75	32 498	1 869,862	9 713,819	5,195	4,731
34	26	97 656	30 319,814	668 622,546	22,052	21,588	84	76	28 905	1 606,879	7 843,957	4,881	4,417
35	27	97 551	29 263,017	638 302,732	21,813	21,349	85	77	25 347	1 361,445	6 237,078	4,581	4,117
36	28	97 441	28 241,684	609 039,715	21,565	21,101	86	78	21 837	1 133,240	4 875,633	4,302	3,838
37	29	97 327	27 254,679	580 798,032	21,310	20,846	87	79	18 459	925,522	3 742,393	4,044	3,580
38	30	97 204	26 299,718	553 543,353	21,048	20,583	88	80	15 245	738,537	2 816,871	3,814	3,350
39	31	97 073	25 376,032	527 243,634	20,777	20,313	89	81	12 384	579,646	2 078,334	3,586	3,121
40	32	96 927	24 481,141	501 867,602	20,500	20,036	90	82	9 836	444,844	1 498,688	3,369	2,905
41	33	96 762	23 612,846	477 386,461	20,217	19,753	91	83	7 702	336,520	1 053,844	3,132	2,668
42	34	96 583	22 772,214	453 773,615	19,927	19,463	92	84	5 803	244,976	717,324	2,928	2,464
43	35	96 388	21 957,744	431 001,401	19,629	19,165	93	85	4 206	171,565	472,348	2,753	2,289
44	36	96 162	21 165,389	409 043,657	19,326	18,862	94	86	2 946	116,115	300,783	2,590	2,126
45	37	95 912	20 396,617	387 878,268	19,017	18,553	95	87	1 988	75,713	184,668	2,439	1,975
46	38	95 631	19 649,018	367 481,651	18,702	18,238	96	88	1 281	47,138	108,955	2,311	1,847
47	39	95 311	18 921,104	347 832,633	18,383	17,919	97	89	793	28,205	61,817	2,192	1,728
48	40	94 949	18 211,894	328 911,529	18,060	17,596	98	90	470	16,129	33,612	2,084	1,620
49	41	94 547	17 521,396	310 699,635	17,733	17,269	99	91	267	8,862	17,483	1,973	1,509
							100	92	143	4,580	8,621	1,882	1,418

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	16 862,941	294 530,958	17,466	17,002
1							51	42	93 698	16 209,614	277 668,017	17,130	16,666
2							52	43	93 160	15 571,528	261 458,403	16,791	16,327
3							53	44	92 572	14 950,028	245 886,875	16,447	15,983
4							54	45	91 937	14 345,358	230 936,847	16,098	15,634
5							55	46	91 224	13 752,804	216 591,489	15,749	15,285
6							56	47	90 454	13 175,602	202 838,685	15,395	14,931
7							57	48	89 625	12 613,295	189 663,083	15,037	14,573
8							58	49	88 746	12 067,296	177 049,788	14,672	14,208
9	0	99 469	72 983,220	1 906 011,206	26,116	25,652	59	50	87 778	11 531,950	164 982,492	14,307	13,843
10	1	99 142	70 283,533	1 833 027,986	26,080	25,616	60	51	86 732	11 009,265	153 450,542	13,938	13,474
11	2	99 105	67 881,417	1 762 744,453	25,968	25,504	61	52	85 599	10 497,973	142 441,277	13,568	13,104
12	3	99 079	65 568,961	1 694 863,036	25,849	25,385	62	53	84 402	10 001,152	131 943,304	13,193	12,729
13	4	99 055	63 335,946	1 629 294,075	25,725	25,261	63	54	83 111	9 515,145	121 942,152	12,816	12,352
14	5	99 034	61 181,459	1 565 958,130	25,595	25,131	64	55	81 758	9 043,728	112 427,007	12,431	11,967
15	6	99 009	59 097,426	1 504 776,670	25,463	24,999	65	56	80 293	8 581,331	103 383,279	12,047	11,583
16	7	98 981	57 082,980	1 445 679,244	25,326	24,862	66	57	78 742	8 130,956	94 801,948	11,659	11,195
17	8	98 943	55 131,678	1 388 596,264	25,187	24,723	67	58	77 110	7 693,158	86 670,992	11,266	10,802
18	9	98 904	53 245,826	1 333 464,586	25,044	24,580	68	59	75 374	7 265,722	78 977,834	10,870	10,406
19	10	98 842	51 413,389	1 280 218,760	24,900	24,436	69	60	73 540	6 849,176	71 712,112	10,470	10,006
20	11	98 780	49 643,684	1 228 805,371	24,753	24,288	70	61	71 557	6 439,107	64 862,936	10,073	9,609
21	12	98 714	47 932,451	1 179 161,688	24,600	24,136	71	62	69 471	6 040,067	58 423,830	9,673	9,209
22	13	98 650	46 281,883	1 131 229,237	24,442	23,978	72	63	67 252	5 649,380	52 383,763	9,272	8,808
23	14	98 585	44 687,238	1 084 947,354	24,279	23,815	73	64	64 860	5 264,208	46 734,382	8,878	8,414
24	15	98 519	43 146,954	1 040 260,116	24,110	23,646	74	65	62 329	4 887,711	41 470,174	8,485	8,021
25	16	98 449	41 658,213	997 113,162	23,936	23,472	75	66	59 614	4 516,727	36 582,463	8,099	7,635
26	17	98 374	40 219,160	955 454,949	23,756	23,292	76	67	56 776	4 156,206	32 065,736	7,715	7,251
27	18	98 297	38 828,543	915 235,788	23,571	23,107	77	68	53 779	3 803,698	27 909,530	7,337	6,873
28	19	98 213	37 483,566	876 407,245	23,381	22,917	78	69	50 606	3 458,218	24 105,832	6,971	6,507
29	20	98 131	36 185,780	838 923,679	23,184	22,720	79	70	47 266	3 120,774	20 647,614	6,616	6,152
30	21	98 048	34 932,241	802 737,899	22,980	22,516	80	71	43 872	2 798,723	17 526,840	6,262	5,798
31	22	97 961	33 721,247	767 805,658	22,769	22,305	81	72	40 347	2 486,831	14 728,117	5,922	5,458
32	23	97 866	32 549,283	734 084,411	22,553	22,089	82	73	36 749	2 188,456	12 241,286	5,594	5,130
33	24	97 771	31 417,957	701 535,128	22,329	21,865	83	74	33 139	1 906,707	10 052,829	5,272	4,808
34	25	97 678	30 326,572	670 117,171	22,097	21,633	84	75	29 564	1 643,499	8 146,122	4,957	4,493
35	26	97 577	29 270,837	639 790,599	21,858	21,394	85	76	26 006	1 396,852	6 502,624	4,655	4,191
36	27	97 466	28 248,976	610 519,762	21,612	21,148	86	77	22 488	1 167,030	5 105,772	4,375	3,911
37	28	97 352	27 261,760	582 270,786	21,359	20,894	87	78	19 094	957,362	3 938,742	4,114	3,650
38	29	97 231	26 307,015	555 009,027	21,097	20,633	88	79	15 840	767,351	2 981,379	3,885	3,421
39	30	97 099	25 382,998	528 702,012	20,829	20,365	89	80	12 945	605,927	2 214,028	3,654	3,190
40	31	96 959	24 489,125	503 319,013	20,553	20,089	90	81	10 349	468,009	1 608,101	3,436	2,972
41	32	96 795	23 621,027	478 829,889	20,271	19,807	91	82	8 166	356,811	1 140,092	3,195	2,731
42	33	96 618	22 780,456	455 208,861	19,982	19,518	92	83	6 206	261,995	783,281	2,990	2,526
43	34	96 427	21 966,658	432 428,405	19,686	19,222	93	84	4 542	185,273	521,287	2,814	2,350
44	35	96 203	21 174,413	410 461,747	19,385	18,921	94	85	3 221	126,943	336,014	2,647	2,183
45	36	95 957	20 406,133	389 287,334	19,077	18,613	95	86	2 201	83,814	209,071	2,494	2,030
46	37	95 681	19 659,372	368 881,202	18,764	18,300	96	87	1 447	53,243	125,257	2,353	1,889
47	38	95 367	18 932,266	349 221,829	18,446	17,982	97	88	907	32,251	72,014	2,233	1,769
48	39	95 016	18 224,711	330 289,563	18,123	17,659	98	89	546	18,750	39,763	2,121	1,657
49	40	94 614	17 533,894	312 064,852	17,798	17,334	99	90	314	10,404	21,014	2,020	1,556
							100	91	173	5,539	10,610	1,915	1,451

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	16 874,969	295 769,502	17,527	17,063
1							51	41	93 776	16 223,095	278 894,533	17,191	16,727
2							52	42	93 248	15 586,272	262 671,438	16,853	16,389
3							53	43	92 670	14 965,825	247 085,165	16,510	16,046
4							54	44	92 041	14 361,598	232 119,340	16,163	15,698
5							55	45	91 348	13 771,431	217 757,742	15,812	15,348
6							56	46	90 595	13 196,068	203 986,311	15,458	14,994
7							57	47	89 781	12 635,222	190 790,243	15,100	14,636
8							58	48	88 911	12 089,698	178 155,021	14,736	14,272
9							59	49	87 962	11 556,126	166 065,323	14,370	13,906
10	0	99 460	70 509,135	1 834 776,508	26,022	25,558	60	50	86 935	11 035,048	154 509,197	14,002	13,538
11	1	99 133	67 900,723	1 764 267,373	25,983	25,519	61	51	85 812	10 524,186	143 474,149	13,633	13,169
12	2	99 095	65 579,533	1 696 366,649	25,867	25,403	62	52	84 636	10 028,940	132 949,962	13,257	12,793
13	3	99 069	63 345,028	1 630 787,116	25,745	25,280	63	53	83 364	9 544,152	122 921,022	12,879	12,415
14	4	99 046	61 188,793	1 567 442,088	25,616	25,152	64	54	82 019	9 072,635	113 376,870	12,497	12,033
15	5	99 018	59 102,772	1 506 253,295	25,485	25,021	65	55	80 583	8 612,314	104 304,236	12,111	11,647
16	6	98 989	57 087,558	1 447 150,523	25,350	24,886	66	56	79 041	8 161,913	95 691,921	11,724	11,260
17	7	98 952	55 136,284	1 390 062,965	25,211	24,747	67	57	77 429	7 725,034	87 530,008	11,331	10,867
18	8	98 910	53 249,134	1 334 926,681	25,069	24,605	68	58	75 719	7 299,002	79 804,975	10,934	10,470
19	9	98 849	51 416,653	1 281 677,548	24,927	24,463	69	59	73 893	6 882,061	72 505,972	10,536	10,071
20	10	98 788	49 647,683	1 230 260,895	24,780	24,316	70	60	71 950	6 474,508	65 623,911	10,136	9,672
21	11	98 721	47 936,258	1 180 613,212	24,629	24,165	71	61	69 869	6 074,604	59 149,403	9,737	9,273
22	12	98 658	46 285,431	1 132 676,954	24,472	24,008	72	62	67 677	5 685,053	53 074,799	9,336	8,872
23	13	98 595	44 691,635	1 086 391,523	24,309	23,845	73	63	65 296	5 299,549	47 389,746	8,942	8,478
24	14	98 531	43 152,296	1 041 699,889	24,140	23,676	74	64	62 781	4 923,137	42 090,197	8,549	8,085
25	15	98 462	41 663,861	998 547,592	23,967	23,503	75	65	60 079	4 551,970	37 167,600	8,165	7,701
26	16	98 390	40 225,627	956 883,731	23,788	23,324	76	66	57 246	4 190,652	32 615,090	7,783	7,319
27	17	98 314	38 835,360	916 658,104	23,604	23,140	77	67	54 269	3 838,318	28 424,437	7,405	6,941
28	18	98 235	37 491,756	877 822,744	23,414	22,950	78	68	51 106	3 492,427	24 586,119	7,040	6,576
29	19	98 153	36 193,563	840 330,988	23,218	22,754	79	69	47 790	3 155,381	21 093,692	6,685	6,221
30	20	98 068	34 939,613	804 137,425	23,015	22,551	80	70	44 403	2 832,567	17 938,311	6,333	5,869
31	21	97 982	33 728,537	769 197,812	22,806	22,342	81	71	40 893	2 520,462	15 105,744	5,993	5,529
32	22	97 889	32 556,765	735 469,275	22,590	22,126	82	72	37 327	2 222,855	12 585,282	5,662	5,198
33	23	97 793	31 425,105	702 912,510	22,368	21,904	83	73	33 723	1 940,344	10 362,427	5,341	4,876
34	24	97 700	30 333,468	671 487,405	22,137	21,673	84	74	30 146	1 675,883	8 422,083	5,025	4,561
35	25	97 599	29 277,361	641 153,937	21,899	21,435	85	75	26 599	1 428,684	6 746,200	4,722	4,258
36	26	97 493	28 256,525	611 876,575	21,654	21,190	86	76	23 073	1 197,381	5 317,515	4,441	3,977
37	27	97 378	27 268,799	583 620,051	21,402	20,938	87	77	19 663	985,909	4 120,134	4,179	3,715
38	28	97 256	26 313,850	556 351,252	21,143	20,679	88	78	16 385	793,750	3 134,225	3,949	3,485
39	29	97 126	25 390,040	530 037,402	20,876	20,412	89	79	13 450	629,568	2 340,475	3,718	3,254
40	30	96 985	24 495,847	504 647,362	20,601	20,137	90	80	10 818	489,228	1 710,908	3,497	3,033
41	31	96 827	23 628,731	480 151,515	20,321	19,857	91	81	8 591	375,391	1 221,680	3,254	2,790
42	32	96 651	22 788,349	456 522,784	20,033	19,569	92	82	6 580	277,792	846,289	3,046	2,582
43	33	96 462	21 974,609	433 734,435	19,738	19,274	93	83	4 858	198,144	568,496	2,869	2,405
44	34	96 242	21 183,009	411 759,826	19,438	18,974	94	84	3 478	137,085	370,352	2,702	2,238
45	35	95 998	20 414,833	390 576,817	19,132	18,668	95	85	2 406	91,629	233,267	2,546	2,082
46	36	95 726	19 668,544	370 161,985	18,820	18,356	96	86	1 602	58,939	141,638	2,403	1,939
47	37	95 417	18 942,243	350 493,441	18,503	18,039	97	87	1 025	36,428	82,699	2,270	1,806
48	38	95 072	18 235,462	331 551,198	18,182	17,718	98	88	624	21,439	46,271	2,158	1,694
49	39	94 681	17 546,233	313 315,736	17,857	17,393	99	89	364	12,094	24,831	2,053	1,589
							100	90	203	6,503	12,737	1,959	1,495

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	16 886,845	296 903,990	17,582	17,118
1							51	40	93 843	16 234,667	280 017,145	17,248	16,784
2							52	41	93 326	15 599,235	263 782,477	16,910	16,446
3							53	42	92 758	14 979,995	248 183,243	16,568	16,104
4							54	43	92 138	14 376,774	233 203,247	16,221	15,757
5							55	44	91 451	13 787,022	218 826,473	15,872	15,408
6							56	45	90 718	13 213,941	205 039,452	15,517	15,053
7							57	46	89 920	12 654,849	191 825,511	15,158	14,694
8							58	47	89 066	12 110,715	179 170,662	14,794	14,330
9							59	48	88 125	11 577,579	167 059,948	14,430	13,966
10							60	49	87 117	11 058,183	155 482,368	14,060	13,596
11	0	99 451	68 118,677	1 765 882,371	25,924	25,460	61	50	86 013	10 548,833	144 424,186	13,691	13,227
12	1	99 123	65 598,185	1 697 763,694	25,881	25,417	62	51	84 848	10 053,982	133 875,353	13,316	12,852
13	2	99 085	63 355,242	1 632 165,509	25,762	25,298	63	52	83 596	9 570,671	123 821,370	12,938	12,474
14	3	99 060	61 197,568	1 568 810,267	25,635	25,171	64	53	82 269	9 100,292	114 250,699	12,555	12,091
15	4	99 030	59 109,857	1 507 612,699	25,505	25,041	65	54	80 840	8 639,842	105 150,407	12,170	11,706
16	5	98 998	57 092,722	1 448 502,843	25,371	24,907	66	55	79 327	8 191,382	96 510,565	11,782	11,318
17	6	98 960	55 140,705	1 391 410,120	25,234	24,770	67	56	77 724	7 754,446	88 319,183	11,389	10,925
18	7	98 918	53 253,582	1 336 269,415	25,093	24,629	68	57	76 033	7 329,245	80 564,738	10,992	10,528
19	8	98 855	51 419,847	1 283 015,833	24,952	24,488	69	58	74 231	6 913,584	73 235,493	10,593	10,129
20	9	98 795	49 650,835	1 231 595,986	24,805	24,341	70	59	72 296	6 505,594	66 321,908	10,195	9,731
21	10	98 729	47 940,120	1 181 945,151	24,655	24,191	71	60	70 253	6 108,002	59 816,314	9,793	9,329
22	11	98 666	46 289,107	1 134 005,031	24,498	24,034	72	61	68 064	5 717,560	53 708,312	9,394	8,930
23	12	98 602	44 695,061	1 087 715,924	24,336	23,872	73	62	65 708	5 333,012	47 990,752	8,999	8,535
24	13	98 541	43 156,542	1 043 020,863	24,168	23,704	74	63	63 202	4 956,188	42 657,740	8,607	8,143
25	14	98 474	41 669,020	999 864,322	23,995	23,531	75	64	60 515	4 584,963	37 701,552	8,223	7,759
26	15	98 404	40 231,081	958 195,302	23,817	23,353	76	65	57 693	4 223,351	33 116,589	7,841	7,377
27	16	98 330	38 841,604	917 964,221	23,634	23,170	77	66	54 718	3 870,130	28 893,238	7,466	7,002
28	17	98 252	37 498,338	879 122,617	23,444	22,980	78	67	51 571	3 524,214	25 023,108	7,100	6,636
29	18	98 174	36 201,471	841 624,279	23,248	22,784	79	68	48 263	3 186,594	21 498,894	6,747	6,283
30	19	98 089	34 947,129	805 422,808	23,047	22,583	80	69	44 895	2 863,978	18 312,300	6,394	5,930
31	20	98 003	33 735,655	770 475,679	22,839	22,375	81	70	41 387	2 550,941	15 448,322	6,056	5,592
32	21	97 910	32 563,803	736 740,024	22,625	22,160	82	71	37 832	2 252,916	12 897,380	5,725	5,261
33	22	97 816	31 432,328	704 176,221	22,403	21,939	83	72	34 253	1 970,843	10 644,464	5,401	4,937
34	23	97 722	30 340,369	672 743,893	22,173	21,709	84	73	30 678	1 705,448	8 673,622	5,086	4,622
35	24	97 621	29 284,019	642 403,524	21,937	21,473	85	74	27 123	1 456,836	6 968,174	4,783	4,319
36	25	97 514	28 262,823	613 119,504	21,693	21,229	86	75	23 599	1 224,668	5 511,337	4,500	4,036
37	26	97 404	27 276,086	584 856,682	21,442	20,978	87	76	20 174	1 011,549	4 286,669	4,238	3,774
38	27	97 281	26 320,644	557 580,596	21,184	20,720	88	77	16 873	817,418	3 275,120	4,007	3,543
39	28	97 152	25 396,637	531 259,952	20,919	20,454	89	78	13 913	651,226	2 457,702	3,774	3,310
40	29	97 012	24 502,643	505 863,316	20,645	20,181	90	79	11 240	508,316	1 806,476	3,554	3,090
41	30	96 853	23 635,218	481 360,672	20,366	19,902	91	80	8 981	392,411	1 298,160	3,308	2,844
42	31	96 683	22 795,780	457 725,455	20,079	19,615	92	81	6 923	292,258	905,749	3,099	2,635
43	32	96 495	21 982,222	434 929,674	19,786	19,321	93	82	5 151	210,091	613,491	2,920	2,456
44	33	96 276	21 190,676	412 947,452	19,487	19,023	94	83	3 720	146,609	403,400	2,752	2,288
45	34	96 037	20 423,121	391 756,776	19,182	18,718	95	84	2 599	98,950	256,791	2,595	2,131
46	35	95 766	19 676,929	371 333,655	18,872	18,407	96	85	1 751	64,435	157,841	2,450	1,986
47	36	95 462	18 951,080	351 656,726	18,556	18,092	97	86	1 134	40,325	93,406	2,316	1,852
48	37	95 122	18 245,072	332 705,646	18,235	17,771	98	87	705	24,216	53,080	2,192	1,728
49	38	94 736	17 556,584	314 460,574	17,911	17,447	99	88	417	13,829	28,864	2,087	1,623
							100	89	236	7,559	15,035	1,989	1,525

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	16 896,807	297 942,073	17,633	17,169
1							51	39	93 909	16 246,093	281 045,266	17,299	16,835
2							52	40	93 392	15 610,362	264 799,174	16,963	16,499
3							53	41	92 835	14 992,454	249 188,812	16,621	16,157
4							54	42	92 226	14 390,386	234 196,358	16,275	15,810
5							55	43	91 548	13 801,590	219 805,972	15,926	15,462
6							56	44	90 820	13 228,900	206 004,382	15,572	15,108
7							57	45	90 042	12 671,988	192 775,482	15,213	14,749
8							58	46	89 204	12 129,527	180 103,493	14,848	14,384
9							59	47	88 278	11 597,706	167 973,967	14,483	14,019
10							60	48	87 279	11 078,711	156 376,261	14,115	13,651
11							61	49	86 194	10 570,948	145 297,550	13,745	13,281
12	0	99 442	65 808,748	1 699 255,757	25,821	25,357	62	50	85 046	10 077,528	134 726,601	13,369	12,905
13	1	99 113	63 373,261	1 633 447,010	25,775	25,311	63	51	83 805	9 594,569	124 649,073	12,992	12,528
14	2	99 076	61 207,435	1 570 073,748	25,652	25,188	64	52	82 498	9 125,578	115 054,504	12,608	12,144
15	3	99 044	59 118,333	1 508 866,313	25,523	25,059	65	53	81 087	8 666,180	105 928,927	12,223	11,759
16	4	99 010	57 099,565	1 449 747,980	25,390	24,926	66	54	79 580	8 217,564	97 262,746	11,836	11,372
17	5	98 969	55 145,693	1 392 648,414	25,254	24,790	67	55	78 004	7 782,443	89 045,182	11,442	10,978
18	6	98 926	53 257,853	1 337 502,721	25,114	24,650	68	56	76 323	7 357,150	81 262,739	11,045	10,581
19	7	98 863	51 424,143	1 284 244,868	24,974	24,510	69	57	74 539	6 942,230	73 905,589	10,646	10,182
20	8	98 801	49 653,920	1 232 820,726	24,828	24,364	70	58	72 627	6 535,394	66 963,359	10,246	9,782
21	9	98 736	47 943,164	1 183 166,806	24,679	24,215	71	59	70 590	6 137,328	60 427,966	9,846	9,382
22	10	98 674	46 292,836	1 135 223,643	24,523	24,059	72	60	68 438	5 748,994	54 290,637	9,444	8,979
23	11	98 610	44 698,611	1 088 930,806	24,362	23,898	73	61	66 084	5 363,506	48 541,643	9,050	8,586
24	12	98 548	43 159,850	1 044 232,196	24,195	23,731	74	62	63 602	4 987,484	43 178,137	8,657	8,193
25	13	98 484	41 673,119	1 001 072,346	24,022	23,558	75	63	60 921	4 615,743	38 190,653	8,274	7,810
26	14	98 416	40 236,062	959 399,227	23,844	23,380	76	64	58 111	4 253,962	33 574,910	7,893	7,429
27	15	98 343	38 846,870	919 163,165	23,661	23,197	77	65	55 145	3 900,328	29 320,947	7,518	7,054
28	16	98 268	37 504,368	880 316,294	23,472	23,008	78	66	51 999	3 553,422	25 420,620	7,154	6,690
29	17	98 191	36 207,827	842 811,927	23,277	22,813	79	67	48 702	3 215,598	21 867,197	6,800	6,336
30	18	98 111	34 954,764	806 604,100	23,076	22,612	80	68	45 339	2 892,309	18 651,600	6,449	5,985
31	19	98 024	33 742,911	771 649,336	22,868	22,404	81	69	41 846	2 579,229	15 759,291	6,110	5,646
32	20	97 930	32 570,675	737 906,424	22,656	22,192	82	70	38 289	2 280,160	13 180,062	5,780	5,316
33	21	97 837	31 439,123	705 335,749	22,435	21,971	83	71	34 716	1 997,495	10 899,902	5,457	4,993
34	22	97 745	30 347,343	673 896,626	22,206	21,742	84	72	31 160	1 732,255	8 902,407	5,139	4,675
35	23	97 643	29 290,682	643 549,283	21,971	21,507	85	73	27 602	1 482,537	7 170,152	4,836	4,372
36	24	97 536	28 269,250	614 258,601	21,729	21,265	86	74	24 064	1 248,800	5 687,615	4,554	4,090
37	25	97 425	27 282,165	585 989,351	21,479	21,015	87	75	20 634	1 034,601	4 438,815	4,290	3,826
38	26	97 307	26 327,677	558 707,186	21,221	20,757	88	76	17 312	838,676	3 404,213	4,059	3,595
39	27	97 177	25 403,194	532 379,508	20,957	20,493	89	77	14 328	670,644	2 565,537	3,825	3,361
40	28	97 038	24 509,009	506 976,314	20,685	20,221	90	78	11 627	525,803	1 894,893	3,604	3,140
41	29	96 880	23 641,775	482 467,305	20,407	19,943	91	79	9 331	407,721	1 369,090	3,358	2,894
42	30	96 709	22 802,038	458 825,530	20,122	19,658	92	80	7 237	305,509	961,369	3,147	2,683
43	31	96 527	21 989,391	436 023,492	19,829	19,365	93	81	5 419	221,032	655,860	2,967	2,503
44	32	96 310	21 198,018	414 034,101	19,532	19,068	94	82	3 944	155,449	434,828	2,797	2,333
45	33	96 072	20 430,512	392 836,083	19,228	18,764	95	83	2 779	105,824	279,380	2,640	2,176
46	34	95 805	19 684,918	372 405,571	18,918	18,454	96	84	1 891	69,584	173,556	2,494	2,030
47	35	95 503	18 959,160	352 720,653	18,604	18,140	97	85	1 240	44,086	103,972	2,358	1,894
48	36	95 167	18 253,584	333 761,493	18,285	17,821	98	86	781	26,807	59,886	2,234	1,770
49	37	94 786	17 565,836	315 507,910	17,961	17,497	99	87	471	15,620	33,079	2,118	1,654
							100	88	270	8,644	17,459	2,020	1,556

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	16 905,711	298 891,622	17,680	17,216
1							51	38	93 964	16 255,677	281 985,911	17,347	16,883
2							52	39	93 458	15 621,348	265 730,234	17,011	16,547
3							53	40	92 901	15 003,148	250 108,887	16,670	16,206
4							54	41	92 302	14 402,354	235 105,739	16,324	15,860
5							55	42	91 635	13 814,658	220 703,384	15,976	15,512
6							56	43	90 916	13 242,879	206 888,727	15,623	15,159
7							57	44	90 144	12 686,334	193 645,848	15,264	14,800
8							58	45	89 325	12 145,955	180 959,513	14,899	14,435
9							59	46	88 415	11 615,721	168 813,559	14,533	14,069
10							60	47	87 431	11 097,971	157 197,838	14,165	13,701
11							61	48	86 354	10 590,572	146 099,867	13,795	13,331
12							62	49	85 225	10 098,655	135 509,295	13,419	12,955
13	0	99 431	63 576,682	1 634 825,983	25,714	25,250	63	50	84 001	9 617,039	125 410,639	13,040	12,576
14	1	99 104	61 224,843	1 571 249,301	25,664	25,200	64	51	82 704	9 148,364	115 793,601	12,657	12,193
15	2	99 060	59 127,866	1 510 024,457	25,538	25,074	65	52	81 312	8 690,260	106 645,236	12,272	11,808
16	3	99 024	57 107,754	1 450 896,592	25,406	24,942	66	53	79 823	8 242,615	97 954,977	11,884	11,420
17	4	98 980	55 152,303	1 393 788,838	25,272	24,808	67	54	78 254	7 807,319	89 712,362	11,491	11,027
18	5	98 935	53 262,671	1 338 636,535	25,133	24,669	68	55	76 598	7 383,713	81 905,043	11,093	10,629
19	6	98 871	51 428,266	1 285 373,864	24,994	24,530	69	56	74 823	6 968,661	74 521,330	10,694	10,230
20	7	98 809	49 658,068	1 233 945,598	24,849	24,385	70	57	72 928	6 562,472	67 552,669	10,294	9,830
21	8	98 742	47 946,142	1 184 287,530	24,700	24,236	71	58	70 914	6 165,440	60 990,197	9,892	9,428
22	9	98 680	46 295,775	1 136 341,388	24,545	24,081	72	59	68 767	5 776,597	54 824,757	9,491	9,027
23	10	98 618	44 702,212	1 090 045,613	24,385	23,921	73	60	66 447	5 392,995	49 048,159	9,095	8,631
24	11	98 556	43 163,278	1 045 343,401	24,218	23,754	74	61	63 965	5 016,002	43 655,165	8,703	8,239
25	12	98 491	41 676,314	1 002 180,123	24,047	23,583	75	62	61 306	4 644,889	38 639,163	8,319	7,855
26	13	98 425	40 240,020	960 503,809	23,869	23,405	76	63	58 501	4 282,521	33 994,274	7,938	7,474
27	14	98 356	38 851,680	920 263,789	23,687	23,223	77	64	55 545	3 928,597	29 711,753	7,563	7,099
28	15	98 281	37 509,452	881 412,109	23,498	23,034	78	65	52 405	3 581,149	25 783,156	7,200	6,736
29	16	98 207	36 213,649	843 902,656	23,303	22,839	79	66	49 106	3 242,248	22 202,007	6,848	6,384
30	17	98 128	34 960,901	807 689,008	23,103	22,639	80	67	45 752	2 918,634	18 959,758	6,496	6,032
31	18	98 046	33 750,284	772 728,107	22,895	22,431	81	68	42 260	2 604,743	16 041,125	6,158	5,694
32	19	97 952	32 577,681	738 977,823	22,684	22,220	82	69	38 714	2 305,445	13 436,382	5,828	5,364
33	20	97 857	31 445,758	706 400,142	22,464	22,000	83	70	35 136	2 021,650	11 130,936	5,506	5,042
34	21	97 766	30 353,904	674 954,384	22,236	21,772	84	71	31 582	1 755,681	9 109,286	5,188	4,724
35	22	97 666	29 297,414	644 600,480	22,002	21,538	85	72	28 036	1 505,840	7 353,605	4,883	4,419
36	23	97 559	28 275,681	615 303,066	21,761	21,297	86	73	24 488	1 270,831	5 847,765	4,602	4,138
37	24	97 447	27 288,369	587 027,384	21,512	21,048	87	74	21 041	1 054,988	4 576,935	4,338	3,874
38	25	97 329	26 333,546	559 739,015	21,256	20,792	88	75	17 706	857,789	3 521,947	4,106	3,642
39	26	97 203	25 409,983	533 405,469	20,992	20,528	89	76	14 701	688,086	2 664,158	3,872	3,408
40	27	97 063	24 515,337	507 995,487	20,722	20,258	90	77	11 973	541,481	1 976,073	3,649	3,185
41	28	96 905	23 647,917	483 480,149	20,445	19,981	91	78	9 652	421,748	1 434,592	3,402	2,938
42	29	96 736	22 808,364	459 832,232	20,161	19,697	92	79	7 519	317,428	1 012,844	3,191	2,727
43	30	96 553	21 995,428	437 023,868	19,869	19,405	93	80	5 665	231,053	695,415	3,010	2,546
44	31	96 341	21 204,931	415 028,440	19,572	19,108	94	81	4 150	163,543	464,362	2,839	2,375
45	32	96 105	20 437,591	393 823,509	19,270	18,806	95	82	2 947	112,205	300,819	2,681	2,217
46	33	95 840	19 692,042	373 385,918	18,961	18,497	96	83	2 023	74,418	188,614	2,535	2,070
47	34	95 541	18 966,857	353 693,876	18,648	18,184	97	84	1 339	47,608	114,196	2,399	1,935
48	35	95 207	18 261,366	334 727,019	18,330	17,866	98	85	853	29,307	66,588	2,272	1,808
49	36	94 831	17 574,031	316 465,653	18,008	17,544	99	86	521	17,291	37,281	2,156	1,692
							100	87	305	9,763	19,990	2,047	1,583

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	16 913,598	299 759,880	17,723	17,259
1							51	37	94 014	16 264,243	282 846,282	17,391	16,927
2							52	38	93 513	15 630,563	266 582,039	17,055	16,591
3							53	39	92 966	15 013,707	250 951,476	16,715	16,251
4							54	40	92 368	14 412,628	235 937,769	16,370	15,906
5							55	41	91 711	13 826,147	221 525,142	16,022	15,558
6							56	42	91 002	13 255,418	207 698,995	15,669	15,205
7							57	43	90 239	12 699,740	194 443,577	15,311	14,847
8							58	44	89 426	12 159,705	181 743,837	14,946	14,482
9							59	45	88 535	11 631,453	169 584,132	14,580	14,116
10							60	46	87 567	11 115,210	157 952,679	14,210	13,746
11							61	47	86 504	10 608,983	146 837,469	13,841	13,377
12							62	48	85 383	10 117,402	136 228,486	13,465	13,001
13							63	49	84 177	9 637,200	126 111,083	13,086	12,622
14	0	99 422	61 421,368	1 572 524,297	25,602	25,138	64	50	82 898	9 169,789	116 473,883	12,702	12,238
15	1	99 088	59 144,682	1 511 102,929	25,549	25,085	65	51	81 515	8 711,959	107 304,094	12,317	11,853
16	2	99 040	57 116,962	1 451 958,246	25,421	24,957	66	52	80 045	8 265,517	98 592,135	11,928	11,464
17	3	98 995	55 160,212	1 394 841,284	25,287	24,823	67	53	78 492	7 831,119	90 326,617	11,534	11,070
18	4	98 947	53 269,055	1 339 681,072	25,149	24,685	68	54	76 843	7 407,314	82 495,499	11,137	10,673
19	5	98 880	51 432,919	1 286 412,017	25,011	24,547	69	55	75 093	6 993,822	75 088,185	10,736	10,272
20	6	98 817	49 662,050	1 234 979,098	24,868	24,404	70	56	73 205	6 587,458	68 094,363	10,337	9,873
21	7	98 750	47 950,147	1 185 317,048	24,720	24,256	71	57	71 207	6 190,986	61 506,905	9,935	9,471
22	8	98 686	46 298,651	1 137 366,901	24,566	24,102	72	58	69 082	5 803,057	55 315,919	9,532	9,068
23	9	98 624	44 705,050	1 091 068,250	24,406	23,942	73	59	66 766	5 418,888	49 512,862	9,137	8,673
24	10	98 564	43 166,755	1 046 363,200	24,240	23,776	74	60	64 317	5 043,580	44 093,974	8,743	8,279
25	11	98 499	41 679,624	1 003 196,444	24,069	23,605	75	61	61 656	4 671,448	39 050,395	8,359	7,895
26	12	98 433	40 243,105	961 516,820	23,893	23,429	76	62	58 871	4 309,562	34 378,946	7,977	7,513
27	13	98 365	38 855,502	921 273,715	23,710	23,246	77	63	55 918	3 954,971	30 069,384	7,603	7,139
28	14	98 293	37 514,096	882 418,213	23,522	23,058	78	64	52 784	3 607,105	26 114,413	7,240	6,776
29	15	98 220	36 218,559	844 904,116	23,328	22,864	79	65	49 489	3 267,547	22 507,307	6,888	6,424
30	16	98 144	34 966,522	808 685,558	23,127	22,663	80	66	46 131	2 942,823	19 239,760	6,538	6,074
31	17	98 063	33 756,209	773 719,036	22,921	22,457	81	67	42 645	2 628,451	16 296,937	6,200	5,736
32	18	97 973	32 584,799	739 962,826	22,709	22,245	82	68	39 097	2 328,251	13 668,487	5,871	5,407
33	19	97 878	31 452,522	707 378,027	22,490	22,026	83	69	35 526	2 044,069	11 340,236	5,548	5,084
34	20	97 786	30 360,310	675 925,505	22,263	21,799	84	70	31 964	1 776,912	9 296,167	5,232	4,768
35	21	97 687	29 303,748	645 565,196	22,030	21,566	85	71	28 415	1 526,204	7 519,255	4,927	4,463
36	22	97 581	28 282,180	616 261,448	21,790	21,326	86	72	24 873	1 290,806	5 993,051	4,643	4,179
37	23	97 470	27 294,578	587 979,267	21,542	21,078	87	73	21 412	1 073,599	4 702,245	4,380	3,916
38	24	97 351	26 339,534	560 684,690	21,287	20,823	88	74	18 055	874,691	3 628,646	4,148	3,684
39	25	97 224	25 415,646	534 345,155	21,024	20,560	89	75	15 036	703,766	2 753,954	3,913	3,449
40	26	97 089	24 521,889	508 929,509	20,754	20,290	90	76	12 285	555,563	2 050,188	3,690	3,226
41	27	96 930	23 654,023	484 407,621	20,479	20,015	91	77	9 940	434,323	1 494,625	3,441	2,977
42	28	96 761	22 814,290	460 753,598	20,196	19,732	92	78	7 778	328,349	1 060,302	3,229	2,765
43	29	96 580	22 001,530	437 939,308	19,905	19,441	93	79	5 886	240,068	731,953	3,049	2,585
44	30	96 368	21 210,752	415 937,778	19,610	19,146	94	80	4 338	170,958	491,885	2,877	2,413
45	31	96 136	20 444,256	394 727,026	19,307	18,843	95	81	3 100	118,048	320,927	2,719	2,255
46	32	95 873	19 698,865	374 282,770	19,000	18,536	96	82	2 145	78,905	202,879	2,571	2,107
47	33	95 576	18 973,721	354 583,905	18,688	18,224	97	83	1 432	50,915	123,974	2,435	1,971
48	34	95 246	18 268,780	335 610,183	18,371	17,907	98	84	922	31,648	73,058	2,308	1,844
49	35	94 871	17 581,524	317 341,403	18,050	17,586	99	85	570	18,904	41,410	2,191	1,727
							100	86	337	10,808	22,506	2,082	1,618

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	16 920,809	300 553,782	17,762	17,298
1							51	36	94 058	16 271,831	283 632,973	17,431	16,967
2							52	37	93 562	15 638,800	267 361,142	17,096	16,632
3							53	38	93 021	15 022,563	251 722,342	16,756	16,292
4							54	39	92 433	14 422,770	236 699,779	16,412	15,948
5							55	40	91 776	13 836,009	222 277,008	16,065	15,601
6							56	41	91 078	13 266,442	208 440,999	15,712	15,248
7							57	42	90 325	12 711,764	195 174,557	15,354	14,890
8							58	43	89 520	12 172,554	182 462,793	14,990	14,526
9							59	44	88 635	11 644,621	170 290,239	14,624	14,160
10							60	45	87 685	11 130,264	158 645,618	14,254	13,790
11							61	46	86 638	10 625,463	147 515,354	13,883	13,419
12							62	47	85 531	10 134,991	136 889,891	13,507	13,043
13							63	48	84 333	9 655,091	126 754,900	13,128	12,664
14							64	49	83 071	9 189,013	117 099,810	12,743	12,279
15	0	99 406	59 334,530	1 512 282,327	25,487	25,023	65	50	81 706	8 732,362	107 910,796	12,358	11,894
16	1	99 068	57 133,207	1 452 947,797	25,431	24,967	66	51	80 245	8 286,156	99 178,434	11,969	11,505
17	2	99 011	55 169,107	1 395 814,590	25,301	24,837	67	52	78 710	7 852,878	90 892,278	11,574	11,110
18	3	98 961	53 276,694	1 340 645,483	25,164	24,700	68	53	77 077	7 429,895	83 039,400	11,176	10,712
19	4	98 892	51 439,084	1 287 368,789	25,027	24,563	69	54	75 333	7 016,177	75 609,505	10,776	10,312
20	5	98 826	49 666,543	1 235 929,706	24,885	24,421	70	55	73 470	6 611,242	68 593,329	10,375	9,911
21	6	98 758	47 953,992	1 186 263,163	24,738	24,274	71	56	71 478	6 214,557	61 982,087	9,974	9,510
22	7	98 694	46 302,519	1 138 309,171	24,584	24,120	72	57	69 368	5 827,101	55 767,530	9,570	9,106
23	8	98 631	44 707,827	1 092 006,651	24,425	23,961	73	58	67 072	5 443,709	49 940,429	9,174	8,710
24	9	98 570	43 169,496	1 047 298,824	24,260	23,796	74	59	64 626	5 067,796	44 496,719	8,780	8,316
25	10	98 507	41 682,982	1 004 129,328	24,090	23,626	75	60	61 995	4 697,132	39 428,924	8,394	7,930
26	11	98 441	40 246,302	962 446,346	23,914	23,450	76	61	59 207	4 334,204	34 731,792	8,013	7,549
27	12	98 373	38 858,481	922 200,045	23,732	23,268	77	62	56 271	3 979,945	30 397,588	7,638	7,174
28	13	98 303	37 517,787	883 341,564	23,545	23,081	78	63	53 139	3 631,321	26 417,643	7,275	6,811
29	14	98 232	36 223,043	845 823,777	23,350	22,886	79	64	49 848	3 291,230	22 786,322	6,923	6,459
30	15	98 157	34 971,263	809 600,734	23,150	22,686	80	65	46 491	2 965,785	19 495,092	6,573	6,109
31	16	98 079	33 761,637	774 629,471	22,944	22,480	81	66	42 998	2 650,235	16 529,307	6,237	5,773
32	17	97 990	32 590,520	740 867,834	22,733	22,269	82	67	39 452	2 349,442	13 879,072	5,907	5,443
33	18	97 900	31 459,394	708 277,314	22,514	22,050	83	68	35 877	2 064,289	11 529,630	5,585	5,121
34	19	97 807	30 366,840	676 817,920	22,288	21,824	84	69	32 318	1 796,617	9 465,341	5,268	4,804
35	20	97 707	29 309,932	646 451,080	22,056	21,592	85	70	28 758	1 544,660	7 668,724	4,965	4,501
36	21	97 602	28 288,295	617 141,148	21,816	21,352	86	71	25 210	1 308,262	6 124,064	4,681	4,217
37	22	97 492	27 300,851	588 852,853	21,569	21,105	87	72	21 748	1 090,474	4 815,802	4,416	3,952
38	23	97 373	26 345,527	561 552,002	21,315	20,851	88	73	18 374	890,122	3 725,328	4,185	3,721
39	24	97 246	25 421,426	535 206,475	21,053	20,589	89	74	15 332	717,634	2 835,206	3,951	3,487
40	25	97 110	24 527,354	509 785,050	20,784	20,320	90	75	12 565	568,224	2 117,572	3,727	3,263
41	26	96 956	23 660,344	485 257,695	20,509	20,045	91	76	10 198	445,619	1 549,348	3,477	3,013
42	27	96 786	22 820,181	461 597,351	20,228	19,764	92	77	8 010	338,139	1 103,729	3,264	2,800
43	28	96 605	22 007,246	438 777,171	19,938	19,474	93	78	6 088	248,327	765,590	3,083	2,619
44	29	96 394	21 216,637	416 769,924	19,644	19,180	94	79	4 507	177,628	517,263	2,912	2,448
45	30	96 163	20 449,868	395 553,288	19,343	18,879	95	80	3 241	123,400	339,635	2,752	2,288
46	31	95 904	19 705,289	375 103,419	19,036	18,572	96	81	2 256	83,014	216,234	2,605	2,141
47	32	95 609	18 980,295	355 398,130	18,725	18,261	97	82	1 519	53,985	133,221	2,468	2,004
48	33	95 280	18 275,392	336 417,835	18,408	17,944	98	83	986	33,847	79,235	2,341	1,877
49	34	94 910	17 588,661	318 142,443	18,088	17,624	99	84	615	20,414	45,388	2,223	1,759
							100	85	369	11,816	24,974	2,114	1,650



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	16 927,679	301 279,970	17,798	17,334
1							51	35	94 098	16 278,768	284 352,291	17,468	17,004
2							52	36	93 606	15 646,096	268 073,523	17,134	16,670
3							53	37	93 070	15 030,480	252 427,427	16,794	16,330
4							54	38	92 488	14 431,279	237 396,947	16,450	15,986
5							55	39	91 841	13 845,746	222 965,668	16,104	15,640
6							56	40	91 143	13 275,905	209 119,922	15,752	15,288
7							57	41	90 400	12 722,336	195 844,017	15,394	14,930
8							58	42	89 605	12 184,080	183 121,681	15,030	14,566
9							59	43	88 729	11 656,926	170 937,601	14,664	14,200
10							60	44	87 784	11 142,865	159 280,676	14,294	13,830
11							61	45	86 755	10 639,854	148 137,811	13,923	13,459
12							62	46	85 664	10 150,734	137 497,958	13,546	13,082
13							63	47	84 480	9 671,875	127 347,224	13,167	12,703
14							64	48	83 226	9 206,072	117 675,348	12,782	12,318
15							65	49	81 877	8 750,669	108 469,276	12,396	11,932
16	0	99 386	57 316,598	1 454 039,305	25,369	24,905	66	50	80 433	8 305,562	99 718,607	12,006	11,542
17	1	99 039	55 184,797	1 396 722,707	25,310	24,846	67	51	78 907	7 872,487	91 413,045	11,612	11,148
18	2	98 977	53 285,284	1 341 537,910	25,177	24,712	68	52	77 291	7 450,539	83 540,559	11,213	10,749
19	3	98 906	51 446,460	1 288 252,625	25,041	24,577	69	53	75 563	7 037,565	76 090,020	10,812	10,348
20	4	98 838	49 672,496	1 236 806,165	24,899	24,435	70	54	73 704	6 632,374	69 052,455	10,411	9,947
21	5	98 767	47 958,331	1 187 133,669	24,753	24,289	71	55	71 737	6 236,995	62 420,082	10,008	9,544
22	6	98 702	46 306,232	1 139 175,339	24,601	24,137	72	56	69 632	5 849,287	56 183,087	9,605	9,141
23	7	98 639	44 711,562	1 092 869,107	24,443	23,979	73	57	67 350	5 466,265	50 333,800	9,208	8,744
24	8	98 576	43 172,178	1 048 157,544	24,279	23,815	74	58	64 922	5 091,009	44 867,535	8,813	8,349
25	9	98 513	41 685,628	1 004 985,367	24,109	23,645	75	59	62 293	4 719,684	39 776,526	8,428	7,964
26	10	98 449	40 249,544	963 299,738	23,933	23,469	76	60	59 533	4 358,033	35 056,842	8,044	7,580
27	11	98 381	38 861,567	923 050,194	23,752	23,288	77	61	56 593	4 002,702	30 698,809	7,670	7,205
28	12	98 311	37 520,663	884 188,627	23,565	23,101	78	62	53 474	3 654,251	26 696,107	7,305	6,841
29	13	98 242	36 226,606	846 667,964	23,371	22,907	79	63	50 182	3 313,326	23 041,856	6,954	6,490
30	14	98 169	34 975,593	810 441,357	23,172	22,708	80	64	46 828	2 987,281	19 728,531	6,604	6,140
31	15	98 092	33 766,214	775 465,765	22,966	22,502	81	65	43 334	2 670,914	16 741,249	6,268	5,804
32	16	98 006	32 595,760	741 699,550	22,754	22,290	82	66	39 779	2 368,914	14 070,335	5,940	5,476
33	17	97 917	31 464,917	709 103,790	22,536	22,072	83	67	36 204	2 083,078	11 701,421	5,617	5,153
34	18	97 829	30 373,475	677 638,873	22,310	21,846	84	68	32 638	1 814,389	9 618,344	5,301	4,837
35	19	97 728	29 316,237	647 265,398	22,079	21,615	85	69	29 077	1 561,789	7 803,955	4,997	4,533
36	20	97 623	28 294,265	617 949,162	21,840	21,376	86	70	25 514	1 324,083	6 242,166	4,714	4,250
37	21	97 513	27 306,754	589 654,897	21,594	21,130	87	71	22 042	1 105,221	4 918,083	4,450	3,986
38	22	97 396	26 351,582	562 348,143	21,340	20,876	88	72	18 663	904,113	3 812,862	4,217	3,753
39	23	97 269	25 427,209	535 996,561	21,080	20,616	89	73	15 602	730,294	2 908,748	3,983	3,519
40	24	97 132	24 532,932	510 569,352	20,812	20,348	90	74	12 812	579,421	2 178,455	3,760	3,296
41	25	96 978	23 665,618	486 036,420	20,538	20,074	91	75	10 431	455,774	1 599,034	3,508	3,044
42	26	96 812	22 826,279	462 370,802	20,256	19,792	92	76	8 218	346,933	1 143,260	3,295	2,831
43	27	96 630	22 012,928	439 544,523	19,968	19,504	93	77	6 270	255,731	796,327	3,114	2,650
44	28	96 419	21 222,149	417 531,595	19,674	19,210	94	78	4 662	183,739	540,596	2,942	2,478
45	29	96 189	20 455,542	396 309,446	19,374	18,910	95	79	3 367	128,215	356,856	2,783	2,319
46	30	95 931	19 710,699	375 853,904	19,069	18,604	96	80	2 359	86,778	228,641	2,635	2,171
47	31	95 640	18 986,485	356 143,205	18,758	18,294	97	81	1 598	56,797	141,864	2,498	2,034
48	32	95 313	18 281,723	337 156,720	18,442	17,978	98	82	1 045	35,888	85,067	2,370	1,906
49	33	94 944	17 595,027	318 874,997	18,123	17,659	99	83	658	21,832	49,180	2,253	1,789
							100	84	398	12,760	27,347	2,143	1,679

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	16 933,805	301 944,074	17,831	17,367
1							51	34	94 136	16 285,377	285 010,269	17,501	17,037
2							52	35	93 646	15 652,766	268 724,892	17,168	16,704
3							53	36	93 114	15 037,492	253 072,125	16,829	16,365
4							54	37	92 536	14 438,884	238 034,633	16,486	16,022
5							55	38	91 895	13 853,914	223 595,750	16,140	15,676
6							56	39	91 207	13 285,248	209 741,835	15,788	15,324
7							57	40	90 464	12 731,411	196 456,588	15,431	14,967
8							58	41	89 680	12 194,213	183 725,177	15,067	14,603
9							59	42	88 813	11 667,963	171 530,964	14,701	14,237
10							60	43	87 877	11 154,639	159 863,001	14,332	13,868
11							61	44	86 854	10 651,899	148 708,362	13,961	13,497
12							62	45	85 780	10 164,482	138 056,463	13,582	13,118
13							63	46	84 611	9 686,899	127 891,981	13,203	12,739
14							64	47	83 370	9 222,076	118 205,082	12,818	12,354
15							65	48	82 029	8 766,914	108 983,006	12,431	11,967
16							66	49	80 601	8 322,974	100 216,092	12,041	11,577
17	0	99 357	55 361,934	1 397 733,379	25,247	24,783	67	50	79 092	7 890,923	91 893,118	11,645	11,181
18	1	99 005	53 300,439	1 342 371,445	25,185	24,721	68	51	77 484	7 469,143	84 002,195	11,247	10,783
19	2	98 922	51 454,756	1 289 071,005	25,053	24,588	69	52	75 772	7 057,119	76 533,052	10,845	10,381
20	3	98 852	49 679,619	1 237 616,250	24,912	24,448	70	53	73 929	6 652,592	69 475,933	10,443	9,979
21	4	98 779	47 964,079	1 187 936,630	24,767	24,303	71	54	71 966	6 256,931	62 823,341	10,041	9,577
22	5	98 711	46 310,421	1 139 972,552	24,616	24,152	72	55	69 883	5 870,406	56 566,410	9,636	9,172
23	6	98 647	44 715,147	1 093 662,130	24,458	23,994	73	56	67 606	5 487,076	50 696,004	9,239	8,775
24	7	98 584	43 175,785	1 048 946,983	24,295	23,831	74	57	65 191	5 112,103	45 208,928	8,844	8,379
25	8	98 519	41 688,218	1 005 771,198	24,126	23,662	75	58	62 578	4 741,303	40 096,825	8,457	7,993
26	9	98 455	40 252,099	964 082,981	23,951	23,487	76	59	59 819	4 378,958	35 355,522	8,074	7,610
27	10	98 389	38 864,698	923 830,881	23,770	23,306	77	60	56 904	4 024,708	30 976,565	7,697	7,233
28	11	98 318	37 523,643	884 966,183	23,584	23,120	78	61	53 780	3 675,146	26 951,856	7,334	6,870
29	12	98 250	36 229,383	847 442,539	23,391	22,927	79	62	50 499	3 334,247	23 276,711	6,981	6,517
30	13	98 179	34 979,034	811 213,156	23,191	22,727	80	63	47 142	3 007,336	19 942,463	6,631	6,167
31	14	98 104	33 770,395	776 234,122	22,986	22,522	81	64	43 648	2 690,273	16 935,127	6,295	5,831
32	15	98 019	32 600,179	742 463,727	22,775	22,311	82	65	40 090	2 387,398	14 244,854	5,967	5,503
33	16	97 933	31 469,976	709 863,548	22,557	22,093	83	66	36 504	2 100,342	11 857,456	5,645	5,181
34	17	97 846	30 378,808	678 393,572	22,331	21,867	84	67	32 935	1 830,903	9 757,114	5,329	4,865
35	18	97 750	29 322,642	648 014,764	22,099	21,635	85	68	29 365	1 577,238	7 926,211	5,025	4,561
36	19	97 644	28 300,351	618 692,122	21,862	21,398	86	69	25 797	1 338,766	6 348,973	4,742	4,278
37	20	97 534	27 312,516	590 391,772	21,616	21,152	87	70	22 309	1 118,587	5 010,207	4,479	4,015
38	21	97 417	26 357,279	563 079,255	21,363	20,899	88	71	18 915	916,340	3 891,621	4,247	3,783
39	22	97 291	25 433,054	536 721,976	21,103	20,639	89	72	15 848	741,773	2 975,281	4,011	3,547
40	23	97 154	24 538,513	511 288,922	20,836	20,372	90	73	13 038	589,642	2 233,508	3,788	3,324
41	24	97 000	23 670,999	486 750,409	20,563	20,099	91	74	10 636	464,755	1 643,866	3,537	3,073
42	25	96 834	22 831,367	463 079,410	20,283	19,819	92	75	8 405	354,839	1 179,111	3,323	2,859
43	26	96 656	22 018,811	440 248,043	19,994	19,530	93	76	6 433	262,382	824,271	3,141	2,677
44	27	96 444	21 227,628	418 229,232	19,702	19,238	94	77	4 801	189,218	561,889	2,970	2,506
45	28	96 214	20 460,856	397 001,604	19,403	18,939	95	78	3 483	132,626	372,671	2,810	2,346
46	29	95 957	19 716,167	376 540,748	19,098	18,634	96	79	2 451	90,163	240,046	2,662	2,198
47	30	95 667	18 991,697	356 824,580	18,788	18,324	97	80	1 670	59,372	149,882	2,524	2,060
48	31	95 344	18 287,686	337 832,883	18,473	18,009	98	81	1 099	37,756	90,511	2,397	1,933
49	32	94 977	17 601,123	319 545,197	18,155	17,691	99	82	698	23,149	52,754	2,279	1,815
							100	83	426	13,646	29,605	2,170	1,705

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	16 939,672	302 551,657	17,861	17,397
1							51	33	94 170	16 291,271	285 611,985	17,532	17,068
2							52	34	93 684	15 659,121	269 320,714	17,199	16,735
3							53	35	93 153	15 043,903	253 661,593	16,861	16,397
4							54	36	92 580	14 445,620	238 617,690	16,518	16,054
5							55	37	91 943	13 861,215	224 172,070	16,173	15,709
6							56	38	91 261	13 293,085	210 310,855	15,821	15,357
7							57	39	90 528	12 740,371	197 017,770	15,464	15,000
8							58	40	89 744	12 202,911	184 277,399	15,101	14,637
9							59	41	88 887	11 677,667	172 074,488	14,735	14,271
10							60	42	87 960	11 165,200	160 396,821	14,366	13,902
11							61	43	86 945	10 663,154	149 231,621	13,995	13,531
12							62	44	85 877	10 175,989	138 568,466	13,617	13,153
13							63	45	84 726	9 700,019	128 392,477	13,236	12,772
14							64	46	83 500	9 236,401	118 692,458	12,851	12,386
15							65	47	82 172	8 782,154	109 456,057	12,463	11,999
16							66	48	80 751	8 338,425	100 673,903	12,073	11,609
17							67	49	79 258	7 907,466	92 335,478	11,677	11,213
18	0	99 323	53 471,528	1 343 307,740	25,122	24,658	68	50	77 666	7 486,635	84 428,011	11,277	10,813
19	1	98 950	51 469,390	1 289 836,212	25,060	24,596	69	51	75 962	7 074,741	76 941,376	10,876	10,411
20	2	98 868	49 687,630	1 238 366,822	24,923	24,459	70	52	74 135	6 671,077	69 866,636	10,473	10,009
21	3	98 793	47 970,957	1 188 679,193	24,779	24,315	71	53	72 185	6 276,004	63 195,559	10,069	9,605
22	4	98 723	46 315,972	1 140 708,235	24,629	24,165	72	54	70 107	5 889,170	56 919,555	9,665	9,201
23	5	98 656	44 719,193	1 094 392,263	24,473	24,009	73	55	67 850	5 506,888	51 030,385	9,267	8,803
24	6	98 592	43 179,247	1 049 673,071	24,310	23,846	74	56	65 439	5 131,566	45 523,497	8,871	8,407
25	7	98 528	41 691,701	1 006 493,824	24,141	23,677	75	57	62 838	4 760,948	40 391,931	8,484	8,020
26	8	98 461	40 254,600	964 802,123	23,968	23,503	76	58	60 093	4 399,016	35 630,983	8,100	7,636
27	9	98 395	38 867,166	924 547,524	23,787	23,323	77	59	57 177	4 044,032	31 231,968	7,723	7,259
28	10	98 326	37 526,666	885 680,358	23,601	23,137	78	60	54 076	3 695,351	27 187,935	7,357	6,893
29	11	98 257	36 232,261	848 153,691	23,409	22,945	79	61	50 788	3 353,312	23 492,584	7,006	6,542
30	12	98 186	34 981,715	811 921,430	23,210	22,746	80	62	47 440	3 026,326	20 139,272	6,655	6,191
31	13	98 114	33 773,717	776 939,715	23,004	22,540	81	63	43 941	2 708,334	17 112,946	6,319	5,855
32	14	98 031	32 604,216	743 165,998	22,794	22,330	82	64	40 380	2 404,702	14 404,612	5,990	5,526
33	15	97 946	31 474,243	710 561,782	22,576	22,112	83	65	36 789	2 116,731	11 999,910	5,669	5,205
34	16	97 862	30 383,692	679 087,539	22,350	21,886	84	66	33 208	1 846,077	9 883,180	5,354	4,890
35	17	97 767	29 327,790	648 703,847	22,119	21,655	85	67	29 632	1 591,594	8 037,102	5,050	4,586
36	18	97 665	28 306,534	619 376,057	21,881	21,417	86	68	26 053	1 352,009	6 445,509	4,767	4,303
37	19	97 555	27 318,391	591 069,523	21,636	21,172	87	69	22 556	1 130,991	5 093,500	4,504	4,040
38	20	97 437	26 362,841	563 751,132	21,384	20,920	88	70	19 144	927,421	3 962,509	4,273	3,809
39	21	97 312	25 438,552	537 388,291	21,125	20,661	89	71	16 062	751,804	3 035,088	4,037	3,573
40	22	97 177	24 544,154	511 949,738	20,858	20,394	90	72	13 243	598,911	2 283,284	3,812	3,348
41	23	97 022	23 676,385	487 405,585	20,586	20,122	91	73	10 824	472,954	1 684,373	3,561	3,097
42	24	96 856	22 836,559	463 729,200	20,306	19,842	92	74	8 571	361,832	1 211,419	3,348	2,884
43	25	96 678	22 023,719	440 892,641	20,019	19,555	93	75	6 579	268,361	849,588	3,166	2,702
44	26	96 470	21 233,301	418 868,923	19,727	19,263	94	76	4 926	194,139	581,226	2,994	2,530
45	27	96 239	20 466,139	397 635,622	19,429	18,965	95	77	3 587	136,580	387,088	2,834	2,370
46	28	95 982	19 721,290	377 169,483	19,125	18,661	96	78	2 535	93,265	250,507	2,686	2,222
47	29	95 693	18 996,966	357 448,193	18,816	18,352	97	79	1 735	61,688	157,242	2,549	2,085
48	30	95 371	18 292,706	338 451,227	18,502	18,038	98	80	1 149	39,468	95,554	2,421	1,957
49	31	95 008	17 606,864	320 158,521	18,184	17,720	99	81	734	24,354	56,086	2,303	1,839
							100	82	451	14,469	31,732	2,193	1,729

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	16 945,197	303 107,669	17,888	17,424
1							51	32	94 203	16 296,915	286 162,473	17,559	17,095
2							52	33	93 718	15 664,789	269 865,557	17,228	16,764
3							53	34	93 191	15 050,011	254 200,769	16,890	16,426
4							54	35	92 619	14 451,779	239 150,758	16,548	16,084
5							55	36	91 986	13 867,682	224 698,979	16,203	15,739
6							56	37	91 309	13 300,090	210 831,298	15,852	15,388
7							57	38	90 581	12 747,887	197 531,207	15,495	15,031
8							58	39	89 807	12 211,499	184 783,321	15,132	14,668
9							59	40	88 950	11 685,997	172 571,822	14,767	14,303
10							60	41	88 034	11 174,486	160 885,825	14,398	13,934
11							61	42	87 028	10 673,251	149 711,339	14,027	13,563
12							62	43	85 968	10 186,742	139 038,088	13,649	13,185
13							63	44	84 822	9 711,000	128 851,347	13,269	12,805
14							64	45	83 613	9 248,911	119 140,346	12,882	12,418
15							65	46	82 300	8 795,796	109 891,436	12,494	12,030
16							66	47	80 891	8 352,921	101 095,640	12,103	11,639
17							67	48	79 405	7 922,146	92 742,719	11,707	11,243
18							68	49	77 829	7 502,330	84 820,573	11,306	10,842
19	0	99 268	51 634,601	1 290 704,007	24,997	24,533	69	50	76 140	7 091,309	77 318,243	10,903	10,439
20	1	98 896	49 701,761	1 239 069,406	24,930	24,466	70	51	74 320	6 687,734	70 226,933	10,501	10,037
21	2	98 809	47 978,692	1 189 367,645	24,789	24,325	71	52	72 386	6 293,443	63 539,199	10,096	9,632
22	3	98 737	46 322,614	1 141 388,952	24,640	24,176	72	53	70 320	5 907,123	57 245,756	9,691	9,227
23	4	98 667	44 724,553	1 095 066,338	24,485	24,021	73	54	68 067	5 524,490	51 338,634	9,293	8,829
24	5	98 601	43 183,153	1 050 341,786	24,323	23,859	74	55	65 675	5 150,094	45 814,144	8,896	8,432
25	6	98 536	41 695,044	1 007 158,633	24,155	23,691	75	56	63 077	4 779,074	40 664,050	8,509	8,045
26	7	98 469	40 257,963	965 463,589	23,982	23,518	76	57	60 342	4 417,242	35 884,976	8,124	7,660
27	8	98 401	38 869,580	925 205,626	23,803	23,339	77	58	57 439	4 062,556	31 467,734	7,746	7,282
28	9	98 333	37 529,049	886 336,046	23,617	23,153	78	59	54 335	3 713,094	27 405,178	7,381	6,917
29	10	98 265	36 235,180	848 806,997	23,425	22,961	79	60	51 067	3 371,749	23 692,084	7,027	6,563
30	11	98 194	34 984,494	812 571,817	23,227	22,763	80	61	47 711	3 043,630	20 320,335	6,676	6,212
31	12	98 121	33 776,306	777 587,323	23,022	22,558	81	62	44 219	2 725,435	17 276,705	6,339	5,875
32	13	98 041	32 607,423	743 811,017	22,811	22,347	82	63	40 651	2 420,846	14 551,270	6,011	5,547
33	14	97 958	31 478,140	711 203,593	22,594	22,130	83	64	37 055	2 132,073	12 130,424	5,689	5,225
34	15	97 875	30 387,812	679 725,453	22,368	21,904	84	65	33 467	1 860,482	9 998,351	5,374	4,910
35	16	97 783	29 332,505	649 337,642	22,137	21,673	85	66	29 878	1 604,785	8 137,870	5,071	4,607
36	17	97 682	28 311,504	620 005,136	21,899	21,435	86	67	26 290	1 364,314	6 533,085	4,789	4,325
37	18	97 576	27 324,360	591 693,633	21,654	21,190	87	68	22 780	1 142,179	5 168,770	4,525	4,061
38	19	97 458	26 368,512	564 369,273	21,403	20,939	88	69	19 356	937,705	4 026,592	4,294	3,830
39	20	97 332	25 443,921	538 000,761	21,145	20,681	89	70	16 256	760,896	3 088,886	4,060	3,596
40	21	97 198	24 549,460	512 556,840	20,879	20,415	90	71	13 422	607,010	2 327,991	3,835	3,371
41	22	97 044	23 681,827	488 007,380	20,607	20,143	91	72	10 994	480,388	1 720,981	3,582	3,118
42	23	96 878	22 841,754	464 325,554	20,328	19,864	92	73	8 722	368,215	1 240,593	3,369	2,905
43	24	96 700	22 028,727	441 483,800	20,041	19,577	93	74	6 709	273,649	872,378	3,188	2,724
44	25	96 492	21 238,034	419 455,073	19,750	19,286	94	75	5 038	198,563	598,729	3,015	2,551
45	26	96 265	20 471,608	398 217,039	19,452	18,988	95	76	3 680	140,132	400,166	2,856	2,392
46	27	96 007	19 726,382	377 745,431	19,149	18,685	96	77	2 611	96,046	260,033	2,707	2,243
47	28	95 718	19 001,902	358 019,049	18,841	18,377	97	78	1 795	63,810	163,987	2,570	2,106
48	29	95 397	18 297,781	339 017,147	18,528	18,064	98	79	1 194	41,008	100,177	2,443	1,979
49	30	95 034	17 611,697	320 719,366	18,211	17,747	99	80	767	25,458	59,169	2,324	1,860
							100	81	475	15,222	33,711	2,215	1,751

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 3,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	16 949,849	303 616,047	17,913	17,449
1							51	31	94 233	16 302,230	286 666,198	17,584	17,120
2							52	32	93 750	15 670,216	270 363,968	17,253	16,789
3							53	33	93 225	15 055,458	254 693,752	16,917	16,453
4							54	34	92 657	14 457,646	239 638,294	16,575	16,111
5							55	35	92 026	13 873,594	225 180,649	16,231	15,767
6							56	36	91 352	13 306,295	211 307,055	15,880	15,416
7							57	37	90 629	12 754,605	198 000,760	15,524	15,060
8							58	38	89 860	12 218,703	185 246,155	15,161	14,697
9							59	39	89 013	11 694,221	173 027,453	14,796	14,332
10							60	40	88 096	11 182,457	161 333,232	14,427	13,963
11							61	41	87 100	10 682,127	150 150,775	14,056	13,592
12							62	42	86 049	10 196,387	139 468,648	13,678	13,214
13							63	43	84 911	9 721,262	129 272,261	13,298	12,834
14							64	44	83 707	9 259,381	119 550,999	12,911	12,447
15							65	45	82 411	8 807,709	110 291,618	12,522	12,058
16							66	46	81 017	8 365,896	101 483,909	12,131	11,667
17							67	47	79 543	7 935,918	93 118,013	11,734	11,270
18							68	48	77 973	7 516,258	85 182,095	11,333	10,869
19							69	49	76 299	7 106,176	77 665,837	10,929	10,465
20	0	99 213	49 861,298	1 239 874,098	24,866	24,402	70	50	74 494	6 703,396	70 559,661	10,526	10,062
21	1	98 837	47 992,338	1 190 012,800	24,796	24,332	71	51	72 567	6 309,157	63 856,265	10,121	9,657
22	2	98 753	46 330,083	1 142 020,462	24,650	24,186	72	52	70 516	5 923,536	57 547,107	9,715	9,251
23	3	98 682	44 730,967	1 095 690,378	24,495	24,031	73	53	68 275	5 541,331	51 623,572	9,316	8,852
24	4	98 613	43 188,329	1 050 959,412	24,334	23,870	74	54	65 885	5 166,555	46 082,241	8,919	8,455
25	5	98 545	41 698,816	1 007 771,083	24,168	23,704	75	55	63 305	4 796,329	40 915,686	8,531	8,067
26	6	98 477	40 261,191	966 072,267	23,995	23,531	76	56	60 571	4 434,060	36 119,357	8,146	7,682
27	7	98 409	38 872,828	925 811,076	23,816	23,352	77	57	57 677	4 079,389	31 685,296	7,767	7,303
28	8	98 339	37 531,380	886 938,248	23,632	23,168	78	58	54 584	3 730,102	27 605,908	7,401	6,937
29	9	98 272	36 237,481	849 406,868	23,440	22,976	79	59	51 312	3 387,937	23 875,806	7,047	6,583
30	10	98 202	34 987,312	813 169,387	23,242	22,778	80	60	47 973	3 060,364	20 487,868	6,695	6,231
31	11	98 129	33 778,989	778 182,075	23,037	22,573	81	61	44 471	2 741,019	17 427,504	6,358	5,894
32	12	98 049	32 609,923	744 403,086	22,828	22,363	82	62	40 908	2 436,132	14 686,485	6,029	5,565
33	13	97 968	31 481,237	711 793,163	22,610	22,146	83	63	37 304	2 146,386	12 250,353	5,707	5,243
34	14	97 887	30 391,574	680 311,926	22,385	21,921	84	64	33 709	1 873,967	10 103,967	5,392	4,928
35	15	97 796	29 336,482	649 920,353	22,154	21,690	85	65	30 111	1 617,307	8 230,001	5,089	4,625
36	16	97 698	28 316,056	620 583,870	21,916	21,452	86	66	26 508	1 375,622	6 612,694	4,807	4,343
37	17	97 593	27 329,157	592 267,814	21,672	21,208	87	67	22 987	1 152,574	5 237,072	4,544	4,080
38	18	97 480	26 374,273	564 938,657	21,420	20,956	88	68	19 548	946,981	4 084,498	4,313	3,849
39	19	97 353	25 449,394	538 564,384	21,162	20,698	89	69	16 436	769,333	3 137,517	4,078	3,614
40	20	97 218	24 554,641	513 114,990	20,897	20,433	90	70	13 585	614,350	2 368,183	3,855	3,391
41	21	97 065	23 686,946	488 560,350	20,626	20,162	91	71	11 143	486,884	1 753,833	3,602	3,138
42	22	96 900	22 847,004	464 873,403	20,347	19,883	92	72	8 859	374,002	1 266,949	3,388	2,924
43	23	96 722	22 033,739	442 026,399	20,061	19,597	93	73	6 827	278,477	892,946	3,207	2,743
44	24	96 514	21 242,863	419 992,660	19,771	19,307	94	74	5 138	202,476	614,469	3,035	2,571
45	25	96 286	20 476,171	398 749,797	19,474	19,010	95	75	3 764	143,326	411,994	2,875	2,410
46	26	96 033	19 731,653	378 273,626	19,171	18,707	96	76	2 679	98,544	268,668	2,726	2,262
47	27	95 743	19 006,808	358 541,973	18,864	18,400	97	77	1 849	65,713	170,124	2,589	2,125
48	28	95 422	18 302,535	339 535,165	18,551	18,087	98	78	1 235	42,419	104,411	2,461	1,997
49	29	95 060	17 616,583	321 232,630	18,235	17,771	99	79	797	26,452	61,992	2,344	1,880
							100	80	496	15,913	35,540	2,233	1,769

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	16 954,551	304 081,234	17,935	17,471
1							51	30	94 259	16 306,706	287 126,683	17,608	17,144
2							52	31	93 781	15 675,326	270 819,978	17,277	16,813
3							53	32	93 257	15 060,674	255 144,651	16,941	16,477
4							54	33	92 690	14 462,878	240 083,977	16,600	16,136
5							55	34	92 063	13 879,226	225 621,099	16,256	15,792
6							56	35	91 391	13 311,968	211 741,873	15,906	15,442
7							57	36	90 671	12 760,555	198 429,905	15,550	15,086
8							58	37	89 907	12 225,141	185 669,350	15,188	14,723
9							59	38	89 065	11 701,119	173 444,208	14,823	14,359
10							60	39	88 158	11 190,327	161 743,089	14,454	13,990
11							61	40	87 162	10 689,747	150 552,762	14,084	13,620
12							62	41	86 121	10 204,867	139 863,015	13,706	13,241
13							63	42	84 992	9 730,466	129 658,148	13,325	12,861
14							64	43	83 796	9 269,165	119 927,682	12,938	12,474
15							65	44	82 504	8 817,680	110 658,517	12,550	12,086
16							66	45	81 127	8 377,226	101 840,836	12,157	11,693
17							67	46	79 666	7 948,245	93 463,610	11,759	11,295
18							68	47	78 109	7 529,324	85 515,365	11,358	10,894
19							69	48	76 441	7 119,368	77 986,041	10,954	10,490
20							70	49	74 650	6 717,450	70 866,673	10,550	10,086
21	0	99 154	48 146,388	1 190 759,310	24,732	24,268	71	50	72 736	6 323,933	64 149,223	10,144	9,680
22	1	98 781	46 343,260	1 142 612,922	24,655	24,191	72	51	70 692	5 938,327	57 825,290	9,738	9,274
23	2	98 698	44 738,179	1 096 269,662	24,504	24,040	73	52	68 464	5 556,727	51 886,963	9,338	8,874
24	3	98 627	43 194,522	1 051 531,482	24,344	23,880	74	53	66 086	5 182,305	46 330,236	8,940	8,476
25	4	98 556	41 703,814	1 008 336,960	24,179	23,715	75	54	63 507	4 811,660	41 147,931	8,552	8,088
26	5	98 486	40 264,833	966 633,146	24,007	23,543	76	55	60 790	4 450,070	36 336,271	8,165	7,701
27	6	98 417	38 875,945	926 368,313	23,829	23,365	77	56	57 897	4 094,920	31 886,201	7,787	7,323
28	7	98 347	37 534,516	887 492,368	23,645	23,181	78	57	54 810	3 745,557	27 791,281	7,420	6,956
29	8	98 278	36 239,732	849 957,852	23,454	22,990	79	58	51 548	3 403,456	24 045,724	7,065	6,601
30	9	98 208	34 989,534	813 718,121	23,256	22,792	80	59	48 204	3 075,058	20 642,268	6,713	6,249
31	10	98 137	33 781,710	778 728,587	23,052	22,588	81	60	44 716	2 756,089	17 567,210	6,374	5,910
32	11	98 056	32 612,513	744 946,877	22,842	22,378	82	61	41 142	2 450,062	14 811,121	6,045	5,581
33	12	97 975	31 483,650	712 334,363	22,626	22,162	83	62	37 540	2 159,939	12 361,059	5,723	5,259
34	13	97 897	30 394,564	680 850,713	22,400	21,936	84	63	33 936	1 886,547	10 201,120	5,407	4,943
35	14	97 808	29 340,114	650 456,150	22,170	21,705	85	64	30 329	1 629,029	8 314,573	5,104	4,640
36	15	97 711	28 319,895	621 116,035	21,932	21,468	86	65	26 714	1 386,355	6 685,544	4,822	4,358
37	16	97 609	27 333,551	592 796,140	21,687	21,223	87	66	23 177	1 162,127	5 299,188	4,560	4,096
38	17	97 497	26 378,904	565 462,589	21,436	20,972	88	67	19 725	955,600	4 137,062	4,329	3,865
39	18	97 375	25 454,954	539 083,685	21,178	20,714	89	68	16 599	776,944	3 181,461	4,095	3,631
40	19	97 239	24 559,922	513 628,731	20,913	20,449	90	69	13 735	621,163	2 404,518	3,871	3,407
41	20	97 086	23 691,945	489 068,809	20,643	20,179	91	70	11 278	492,772	1 783,355	3,619	3,155
42	21	96 921	22 851,944	465 376,864	20,365	19,901	92	71	8 979	379,060	1 290,582	3,405	2,941
43	22	96 744	22 038,803	442 524,920	20,079	19,615	93	72	6 934	282,854	911,522	3,223	2,759
44	23	96 536	21 247,696	420 486,117	19,790	19,326	94	73	5 228	206,048	628,668	3,051	2,587
45	24	96 308	20 480,828	399 238,421	19,493	19,029	95	74	3 838	146,150	422,621	2,892	2,428
46	25	96 054	19 736,051	378 757,593	19,191	18,727	96	75	2 740	100,790	276,470	2,743	2,279
47	26	95 768	19 011,887	359 021,542	18,884	18,420	97	76	1 897	67,422	175,681	2,606	2,142
48	27	95 447	18 307,260	340 009,655	18,572	18,108	98	77	1 272	43,684	108,259	2,478	2,014
49	28	95 085	17 621,160	321 702,394	18,257	17,793	99	78	825	27,362	64,575	2,360	1,896
							100	79	516	16,533	37,213	2,251	1,787

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	16 958,956	304 506,921	17,956	17,491
1							51	29	94 285	16 311,230	287 547,965	17,629	17,165
2							52	30	93 807	15 679,630	271 236,736	17,299	16,835
3							53	31	93 288	15 065,586	255 557,106	16,963	16,499
4							54	32	92 722	14 467,889	240 491,521	16,622	16,158
5							55	33	92 096	13 884,250	226 023,631	16,279	15,815
6							56	34	91 428	13 317,372	212 139,382	15,930	15,465
7							57	35	90 710	12 765,995	198 822,009	15,574	15,110
8							58	36	89 949	12 230,845	186 056,014	15,212	14,748
9							59	37	89 112	11 707,285	173 825,169	14,848	14,384
10							60	38	88 210	11 196,928	162 117,884	14,479	14,015
11							61	39	87 224	10 697,270	150 920,956	14,108	13,644
12							62	40	86 182	10 212,146	140 223,686	13,731	13,267
13							63	41	85 062	9 738,559	130 011,539	13,350	12,886
14							64	42	83 875	9 277,942	120 272,981	12,963	12,499
15							65	43	82 592	8 826,998	110 995,039	12,574	12,110
16							66	44	81 218	8 386,710	102 168,041	12,182	11,718
17							67	45	79 774	7 959,010	93 781,331	11,783	11,319
18							68	46	78 230	7 541,020	85 822,321	11,381	10,917
19							69	47	76 574	7 131,744	78 281,301	10,976	10,512
20							70	48	74 788	6 729,920	71 149,557	10,572	10,108
21							71	49	72 889	6 337,191	64 419,637	10,165	9,701
22	0	99 098	46 492,017	1 143 305,761	24,591	24,127	72	50	70 857	5 952,234	58 082,446	9,758	9,294
23	1	98 726	44 750,903	1 096 813,745	24,509	24,045	73	51	68 635	5 570,603	52 130,212	9,358	8,894
24	2	98 643	43 201,487	1 052 062,841	24,352	23,888	74	52	66 270	5 196,704	46 559,609	8,959	8,495
25	3	98 570	41 709,795	1 008 861,354	24,188	23,724	75	53	63 701	4 826,328	41 362,905	8,570	8,106
26	4	98 498	40 269,660	967 151,560	24,017	23,553	76	54	60 984	4 464,293	36 536,577	8,184	7,720
27	5	98 426	38 879,462	926 881,900	23,840	23,376	77	55	58 106	4 109,705	32 072,283	7,804	7,340
28	6	98 355	37 537,526	888 002,438	23,656	23,192	78	56	55 019	3 759,818	27 962,578	7,437	6,973
29	7	98 286	36 242,759	850 464,913	23,466	23,002	79	57	51 761	3 417,558	24 202,760	7,082	6,618
30	8	98 215	34 991,707	814 222,153	23,269	22,805	80	58	48 425	3 089,143	20 785,203	6,728	6,264
31	9	98 143	33 783,855	779 230,446	23,065	22,601	81	59	44 931	2 769,322	17 696,060	6,390	5,926
32	10	98 064	32 615,141	745 446,591	22,856	22,392	82	60	41 368	2 463,532	14 926,738	6,059	5,595
33	11	97 983	31 486,151	712 831,451	22,640	22,175	83	61	37 754	2 172,290	12 463,206	5,737	5,273
34	12	97 904	30 396,894	681 345,300	22,415	21,951	84	62	34 150	1 898,460	10 290,916	5,421	4,957
35	13	97 818	29 343,001	650 948,406	22,184	21,720	85	63	30 533	1 639,965	8 392,456	5,117	4,653
36	14	97 723	28 323,401	621 605,405	21,947	21,483	86	64	26 908	1 396,404	6 752,491	4,836	4,372
37	15	97 622	27 337,257	593 282,004	21,702	21,238	87	65	23 358	1 171,195	5 356,087	4,573	4,109
38	16	97 512	26 383,145	565 944,747	21,451	20,987	88	66	19 889	963,520	4 184,893	4,343	3,879
39	17	97 392	25 459,423	539 561,602	21,193	20,729	89	67	16 750	784,015	3 221,372	4,109	3,645
40	18	97 260	24 565,288	514 102,178	20,928	20,464	90	68	13 871	627,307	2 437,357	3,885	3,421
41	19	97 107	23 697,041	489 536,890	20,658	20,194	91	69	11 403	498,237	1 810,050	3,633	3,169
42	20	96 941	22 856,766	465 839,849	20,381	19,917	92	70	9 087	383,644	1 311,813	3,419	2,955
43	21	96 765	22 043,568	442 983,083	20,096	19,632	93	71	7 028	286,679	928,169	3,238	2,774
44	22	96 558	21 252,580	420 939,515	19,807	19,342	94	72	5 310	209,286	641,490	3,065	2,601
45	23	96 330	20 485,487	399 686,935	19,511	19,047	95	73	3 906	148,728	432,203	2,906	2,442
46	24	96 076	19 740,539	379 201,448	19,209	18,745	96	74	2 794	102,776	283,475	2,758	2,294
47	25	95 790	19 016,125	359 460,908	18,903	18,439	97	75	1 940	68,958	180,699	2,620	2,156
48	26	95 472	18 312,153	340 444,784	18,591	18,127	98	76	1 305	44,820	111,741	2,493	2,029
49	27	95 109	17 625,710	322 132,631	18,276	17,812	99	77	849	28,177	66,921	2,375	1,911
							100	78	533	17,102	38,744	2,265	1,801

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	16 963,335	304 896,708	17,974	17,510
1							51	28	94 310	16 315,467	287 933,374	17,648	17,184
2							52	29	93 833	15 683,980	271 617,906	17,318	16,854
3							53	30	93 313	15 069,721	255 933,927	16,983	16,519
4							54	31	92 753	14 472,608	240 864,205	16,643	16,179
5							55	32	92 128	13 889,060	226 391,597	16,300	15,836
6							56	33	91 461	13 322,192	212 502,537	15,951	15,487
7							57	34	90 747	12 771,178	199 180,345	15,596	15,132
8							58	35	89 987	12 236,059	186 409,167	15,234	14,770
9							59	36	89 154	11 712,747	174 173,108	14,870	14,406
10							60	37	88 257	11 202,829	162 460,360	14,502	14,038
11							61	38	87 275	10 703,581	151 257,532	14,131	13,667
12							62	39	86 243	10 219,333	140 553,951	13,754	13,290
13							63	40	85 123	9 745,505	130 334,618	13,374	12,910
14							64	41	83 945	9 285,658	120 589,113	12,987	12,523
15							65	42	82 670	8 835,355	111 303,455	12,598	12,133
16							66	43	81 304	8 395,572	102 468,100	12,205	11,741
17							67	44	79 865	7 968,021	94 072,527	11,806	11,342
18							68	45	78 336	7 551,233	86 104,507	11,403	10,939
19							69	46	76 693	7 142,822	78 553,274	10,998	10,533
20							70	47	74 918	6 741,620	71 410,451	10,592	10,128
21							71	48	73 024	6 348,955	64 668,832	10,186	9,722
22							72	49	71 006	5 964,713	58 319,876	9,777	9,313
23	0	99 043	44 894,548	1 097 457,030	24,445	23,981	73	50	68 796	5 583,649	52 355,164	9,377	8,912
24	1	98 671	43 213,774	1 052 562,482	24,357	23,893	74	51	66 435	5 209,681	46 771,515	8,978	8,514
25	2	98 586	41 716,520	1 009 348,708	24,195	23,731	75	52	63 878	4 839,738	41 561,835	8,588	8,124
26	3	98 512	40 275,435	967 632,188	24,025	23,561	76	53	61 170	4 477,903	36 722,096	8,201	7,737
27	4	98 438	38 884,122	927 356,753	23,849	23,385	77	54	58 291	4 122,841	32 244,194	7,821	7,357
28	5	98 364	37 540,921	888 472,631	23,667	23,203	78	55	55 218	3 773,393	28 121,353	7,453	6,989
29	6	98 294	36 245,666	850 931,710	23,477	23,013	79	56	51 958	3 430,570	24 347,960	7,097	6,633
30	7	98 223	34 994,631	814 686,044	23,280	22,816	80	57	48 625	3 101,942	20 917,391	6,743	6,279
31	8	98 149	33 785,954	779 691,414	23,077	22,613	81	58	45 136	2 782,007	17 815,448	6,404	5,940
32	9	98 070	32 617,211	745 905,460	22,868	22,404	82	59	41 567	2 475,360	15 033,441	6,073	5,609
33	10	97 991	31 488,687	713 288,249	22,652	22,188	83	60	37 962	2 184,233	12 558,081	5,749	5,285
34	11	97 912	30 399,308	681 799,561	22,428	21,964	84	61	34 345	1 909,315	10 373,848	5,433	4,969
35	12	97 825	29 345,250	651 400,253	22,198	21,734	85	62	30 725	1 650,321	8 464,533	5,129	4,665
36	13	97 733	28 326,188	622 055,003	21,960	21,496	86	63	27 089	1 405,778	6 814,213	4,847	4,383
37	14	97 634	27 340,642	593 728,815	21,716	21,252	87	64	23 528	1 179,684	5 408,434	4,585	4,121
38	15	97 526	26 386,722	566 388,173	21,465	21,001	88	65	20 044	971,038	4 228,751	4,355	3,891
39	16	97 407	25 463,517	540 001,451	21,207	20,743	89	66	16 889	790,513	3 257,712	4,121	3,657
40	17	97 277	24 569,601	514 537,935	20,942	20,478	90	67	13 997	633,017	2 467,199	3,898	3,433
41	18	97 128	23 702,219	489 968,333	20,672	20,208	91	68	11 515	503,165	1 834,182	3,645	3,181
42	19	96 962	22 861,683	466 266,115	20,395	19,931	92	69	9 188	387,898	1 331,017	3,431	2,967
43	20	96 785	22 048,220	443 404,432	20,111	19,647	93	70	7 113	290,146	943,119	3,250	2,786
44	21	96 579	21 257,175	421 356,212	19,822	19,358	94	71	5 382	212,117	652,973	3,078	2,614
45	22	96 352	20 490,196	400 099,038	19,526	19,062	95	72	3 967	151,066	440,856	2,918	2,454
46	23	96 098	19 745,030	379 608,842	19,226	18,762	96	73	2 843	104,589	289,790	2,771	2,307
47	24	95 811	19 020,449	359 863,811	18,920	18,456	97	74	1 978	70,317	185,201	2,634	2,170
48	25	95 493	18 316,234	340 843,362	18,609	18,145	98	75	1 335	45,841	114,884	2,506	2,042
49	26	95 135	17 630,420	322 527,128	18,294	17,830	99	76	871	28,910	69,042	2,388	1,924
							100	77	549	17,612	40,132	2,279	1,815



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	16 967,868	305 254,049	17,990	17,526
1							51	27	94 334	16 319,680	288 286,181	17,665	17,201
2							52	28	93 857	15 688,054	271 966,501	17,336	16,872
3							53	29	93 339	15 073,902	256 278,447	17,001	16,537
4							54	30	92 778	14 476,581	241 204,544	16,662	16,198
5							55	31	92 158	13 893,590	226 727,964	16,319	15,855
6							56	32	91 493	13 326,808	212 834,374	15,970	15,506
7							57	33	90 780	12 775,800	199 507,566	15,616	15,152
8							58	34	90 024	12 241,027	186 731,766	15,255	14,791
9							59	35	89 192	11 717,741	174 490,739	14,891	14,427
10							60	36	88 298	11 208,055	162 772,998	14,523	14,059
11							61	37	87 321	10 709,221	151 564,943	14,153	13,689
12							62	38	86 294	10 225,362	140 855,722	13,775	13,311
13							63	39	85 183	9 752,364	130 630,360	13,395	12,931
14							64	40	84 005	9 292,282	120 877,997	13,008	12,544
15							65	41	82 739	8 842,703	111 585,715	12,619	12,155
16							66	42	81 381	8 403,521	102 743,012	12,226	11,762
17							67	43	79 949	7 976,440	94 339,490	11,827	11,363
18							68	44	78 425	7 559,782	86 363,050	11,424	10,960
19							69	45	76 797	7 152,497	78 803,268	11,018	10,554
20							70	46	75 035	6 752,092	71 650,771	10,612	10,148
21							71	47	73 151	6 359,992	64 898,680	10,204	9,740
22							72	48	71 138	5 975,785	58 538,687	9,796	9,332
23							73	49	68 940	5 595,355	52 562,902	9,394	8,930
24	0	98 988	43 352,486	1 053 159,988	24,293	23,829	74	50	66 591	5 221,881	46 967,548	8,994	8,530
25	1	98 614	41 728,385	1 009 807,503	24,200	23,736	75	51	64 037	4 851,823	41 745,666	8,604	8,140
26	2	98 528	40 281,929	968 079,118	24,033	23,569	76	52	61 340	4 490,345	36 893,843	8,216	7,752
27	3	98 452	38 889,698	927 797,189	23,857	23,393	77	53	58 469	4 135,409	32 403,498	7,836	7,372
28	4	98 375	37 545,421	888 907,491	23,676	23,211	78	54	55 394	3 785,454	28 268,089	7,468	7,004
29	5	98 303	36 248,945	851 362,070	23,487	23,023	79	55	52 146	3 442,956	24 482,636	7,111	6,647
30	6	98 231	34 997,437	815 113,125	23,291	22,827	80	56	48 810	3 113,753	21 039,680	6,757	6,293
31	7	98 157	33 788,777	780 115,689	23,088	22,624	81	57	45 323	2 793,534	17 925,927	6,417	5,953
32	8	98 077	32 619,237	746 326,912	22,880	22,416	82	58	41 757	2 486,698	15 132,393	6,085	5,621
33	9	97 997	31 490,687	713 707,675	22,664	22,200	83	59	38 144	2 194,720	12 645,695	5,762	5,298
34	10	97 920	30 401,757	682 216,988	22,440	21,976	84	60	34 534	1 919,812	10 450,975	5,444	4,980
35	11	97 833	29 347,581	651 815,231	22,210	21,746	85	61	30 901	1 659,757	8 531,163	5,140	4,676
36	12	97 740	28 328,359	622 467,650	21,973	21,509	86	62	27 260	1 414,655	6 871,405	4,857	4,393
37	13	97 644	27 343,332	594 139,291	21,729	21,265	87	63	23 685	1 187,603	5 456,750	4,595	4,131
38	14	97 538	26 389,989	566 795,959	21,478	21,014	88	64	20 189	978,077	4 269,147	4,365	3,901
39	15	97 421	25 466,969	540 405,970	21,220	20,756	89	65	17 021	796,681	3 291,071	4,131	3,667
40	16	97 293	24 573,552	514 939,001	20,955	20,491	90	66	14 113	638,263	2 494,389	3,908	3,444
41	17	97 145	23 706,380	490 365,449	20,685	20,221	91	67	11 620	507,745	1 856,126	3,656	3,192
42	18	96 983	22 866,678	466 659,069	20,408	19,944	92	68	9 279	391,736	1 348,381	3,442	2,978
43	19	96 806	22 052,962	443 792,391	20,124	19,660	93	69	7 192	293,364	956,646	3,261	2,797
44	20	96 599	21 261,661	421 739,429	19,836	19,372	94	70	5 447	214,682	663,282	3,090	2,626
45	21	96 373	20 494,626	400 477,769	19,541	19,077	95	71	4 021	153,109	448,600	2,930	2,466
46	22	96 120	19 749,569	379 983,143	19,240	18,776	96	72	2 888	106,233	295,491	2,782	2,318
47	23	95 833	19 024,776	360 233,574	18,935	18,471	97	73	2 013	71,558	189,259	2,645	2,181
48	24	95 515	18 320,399	341 208,798	18,625	18,161	98	74	1 361	46,745	117,701	2,518	2,054
49	25	95 156	17 634,349	322 888,398	18,310	17,846	99	75	891	29,569	70,956	2,400	1,936
							100	76	564	18,070	41,387	2,290	1,826

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 3,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	16 971,650	305 581,191	18,005	17,541
1							51	26	94 359	16 324,041	288 609,541	17,680	17,216
2							52	27	93 881	15 692,105	272 285,500	17,352	16,888
3							53	28	93 363	15 077,819	256 593,395	17,018	16,554
4							54	29	92 804	14 480,597	241 515,577	16,679	16,215
5							55	30	92 183	13 897,404	227 034,980	16,337	15,872
6							56	31	91 522	13 331,154	213 137,576	15,988	15,524
7							57	32	90 811	12 780,227	199 806,422	15,634	15,170
8							58	33	90 057	12 245,457	187 026,195	15,273	14,809
9							59	34	89 228	11 722,498	174 780,738	14,910	14,446
10							60	35	88 336	11 212,834	163 058,240	14,542	14,078
11							61	36	87 362	10 714,217	151 845,406	14,172	13,708
12							62	37	86 339	10 230,750	141 131,189	13,795	13,331
13							63	38	85 233	9 758,117	130 900,439	13,415	12,950
14							64	39	84 064	9 298,821	121 142,322	13,028	12,564
15							65	40	82 798	8 849,011	111 843,501	12,639	12,175
16							66	41	81 449	8 410,510	102 994,490	12,246	11,782
17							67	42	80 025	7 983,992	94 583,980	11,847	11,383
18							68	43	78 508	7 567,770	86 599,987	11,443	10,979
19							69	44	76 884	7 160,594	79 032,217	11,037	10,573
20							70	45	75 136	6 761,237	71 871,623	10,630	10,166
21							71	46	73 265	6 369,872	65 110,386	10,222	9,758
22							72	47	71 261	5 986,174	58 740,515	9,813	9,349
23							73	48	69 068	5 605,742	52 754,341	9,411	8,947
24							74	49	66 730	5 232,829	47 148,599	9,010	8,546
25	0	98 931	41 862,328	1 010 362,687	24,135	23,671	75	50	64 187	4 863,186	41 915,770	8,619	8,155
26	1	98 556	40 293,385	968 500,359	24,036	23,572	76	51	61 494	4 501,557	37 052,585	8,231	7,767
27	2	98 468	38 895,969	928 206,974	23,864	23,400	77	52	58 631	4 146,900	32 551,028	7,849	7,385
28	3	98 390	37 550,805	889 311,005	23,683	23,219	78	53	55 563	3 796,993	28 404,128	7,481	7,017
29	4	98 314	36 253,289	851 760,199	23,495	23,031	79	54	52 312	3 453,961	24 607,134	7,124	6,660
30	5	98 239	35 000,603	815 506,910	23,300	22,836	80	55	48 987	3 124,995	21 153,174	6,769	6,305
31	6	98 165	33 791,486	780 506,307	23,098	22,634	81	56	45 496	2 804,170	18 028,179	6,429	5,965
32	7	98 085	32 621,963	746 714,821	22,890	22,426	82	57	41 930	2 497,002	15 224,009	6,097	5,633
33	8	98 003	31 492,643	714 092,859	22,675	22,211	83	58	38 319	2 204,773	12 727,007	5,772	5,308
34	9	97 926	30 403,688	682 600,216	22,451	21,987	84	59	34 700	1 929,030	10 522,234	5,455	4,991
35	10	97 841	29 349,946	652 196,529	22,221	21,757	85	60	31 071	1 668,882	8 593,205	5,149	4,685
36	11	97 748	28 330,609	622 846,583	21,985	21,521	86	61	27 416	1 422,744	6 924,322	4,867	4,403
37	12	97 651	27 345,428	594 515,974	21,741	21,277	87	62	23 835	1 195,102	5 501,578	4,603	4,139
38	13	97 547	26 392,585	567 170,546	21,490	21,026	88	63	20 325	984,643	4 306,476	4,374	3,910
39	14	97 433	25 470,122	540 777,961	21,232	20,768	89	64	17 144	802,456	3 321,833	4,140	3,676
40	15	97 306	24 576,883	515 307,839	20,967	20,503	90	65	14 224	643,244	2 519,378	3,917	3,453
41	16	97 160	23 710,192	490 730,955	20,697	20,233	91	66	11 717	511,953	1 876,134	3,665	3,201
42	17	97 001	22 870,692	467 020,763	20,420	19,956	92	67	9 364	395,301	1 364,181	3,451	2,987
43	18	96 827	22 057,780	444 150,071	20,136	19,672	93	68	7 263	296,265	968,880	3,270	2,806
44	19	96 620	21 266,234	422 092,291	19,848	19,384	94	69	5 508	217,062	672,614	3,099	2,635
45	20	96 393	20 498,951	400 826,056	19,553	19,089	95	70	4 070	154,961	455,552	2,940	2,476
46	21	96 141	19 753,838	380 327,106	19,253	18,789	96	71	2 927	107,669	300,592	2,792	2,328
47	22	95 855	19 029,149	360 573,267	18,948	18,484	97	72	2 045	72,683	192,922	2,654	2,190
48	23	95 537	18 324,568	341 544,118	18,639	18,175	98	73	1 385	47,569	120,240	2,528	2,064
49	24	95 178	17 638,360	323 219,551	18,325	17,861	99	74	909	30,152	72,670	2,410	1,946
							100	75	576	18,482	42,519	2,301	1,837

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 530 540,368	25,305	24,841	50	50	93 003	14 760,199	238 991,857	16,192	15,727
1	1	99 275	95 686,889	2 430 540,368	25,401	24,937	51	51	92 389	14 132,824	224 231,658	15,866	15,402
2	2	99 212	92 169,285	2 334 853,479	25,332	24,868	52	52	91 717	13 522,833	210 098,834	15,537	15,072
3	3	99 177	88 806,446	2 242 684,194	25,254	24,789	53	53	90 982	12 929,577	196 576,000	15,204	14,739
4	4	99 147	85 571,379	2 153 877,748	25,171	24,706	54	54	90 185	12 353,085	183 646,423	14,866	14,402
5	5	99 121	82 456,669	2 068 306,369	25,084	24,619	55	55	89 321	11 792,596	171 293,338	14,525	14,061
6	6	99 101	79 459,924	1 985 849,699	24,992	24,527	56	56	88 386	11 247,338	159 500,742	14,181	13,717
7	7	99 082	76 573,664	1 906 389,776	24,896	24,432	57	57	87 395	10 719,241	148 253,404	13,831	13,366
8	8	99 064	73 792,638	1 829 816,112	24,797	24,332	58	58	86 341	10 207,219	137 534,163	13,474	13,010
9	9	99 049	71 114,179	1 756 023,474	24,693	24,229	59	59	85 187	9 706,826	127 326,943	13,117	12,653
10	10	99 034	68 533,551	1 684 909,295	24,585	24,121	60	60	83 967	9 221,908	117 620,117	12,754	12,290
11	11	99 017	66 045,208	1 616 375,744	24,474	24,009	61	61	82 622	8 746,253	108 398,209	12,394	11,929
12	12	99 000	63 646,787	1 550 330,536	24,358	23,894	62	62	81 229	8 287,961	99 651,956	12,024	11,559
13	13	98 982	61 335,184	1 486 683,750	24,239	23,774	63	63	79 727	7 840,677	91 363,995	11,653	11,188
14	14	98 963	59 107,258	1 425 348,566	24,115	23,650	64	64	78 155	7 408,290	83 523,318	11,274	10,810
15	15	98 935	56 954,404	1 366 241,308	23,988	23,524	65	65	76 477	6 987,248	76 115,028	10,893	10,429
16	16	98 902	54 877,406	1 309 286,903	23,858	23,394	66	66	74 702	6 578,398	69 127,780	10,508	10,044
17	17	98 856	52 869,701	1 254 409,497	23,726	23,262	67	67	72 853	6 183,675	62 549,382	10,115	9,651
18	18	98 805	50 932,406	1 201 539,796	23,591	23,126	68	68	70 895	5 799,930	56 365,707	9,718	9,254
19	19	98 729	49 053,476	1 150 607,391	23,456	22,992	69	69	68 821	5 426,750	50 565,777	9,318	8,853
20	20	98 654	47 244,514	1 101 553,915	23,316	22,852	70	70	66 595	5 061,404	45 139,027	8,918	8,454
21	21	98 574	45 500,075	1 054 309,400	23,172	22,707	71	71	64 247	4 706,471	40 077,623	8,515	8,051
22	22	98 497	43 821,289	1 008 809,325	23,021	22,557	72	72	61 752	4 360,201	35 371,152	8,112	7,648
23	23	98 419	42 203,922	964 988,036	22,865	22,400	73	73	59 028	4 017,201	31 010,951	7,720	7,255
24	24	98 342	40 646,828	922 784,114	22,702	22,238	74	74	56 145	3 682,901	26 993,750	7,329	6,865
25	25	98 263	39 146,192	882 137,286	22,534	22,070	75	75	53 072	3 355,534	23 310,849	6,947	6,483
26	26	98 183	37 700,505	842 991,094	22,360	21,896	76	76	49 829	3 036,587	19 955,315	6,572	6,107
27	27	98 097	36 305,941	805 290,589	22,181	21,716	77	77	46 421	2 726,663	16 918,729	6,205	5,740
28	28	98 010	34 962,503	768 984,648	21,995	21,530	78	78	42 837	2 425,184	14 192,066	5,852	5,388
29	29	97 924	33 669,168	734 022,145	21,801	21,337	79	79	39 108	2 134,062	11 766,881	5,514	5,049
30	30	97 833	32 422,336	700 352,977	21,601	21,137	80	80	35 359	1 859,752	9 632,820	5,180	4,715
31	31	97 742	31 221,114	667 930,641	21,394	20,929	81	81	31 529	1 598,343	7 773,068	4,863	4,399
32	32	97 637	30 060,531	636 709,527	21,181	20,716	82	82	27 725	1 354,694	6 174,725	4,558	4,094
33	33	97 531	28 942,348	606 648,995	20,961	20,496	83	83	23 995	1 130,074	4 820,031	4,265	3,801
34	34	97 425	27 865,894	577 706,648	20,732	20,267	84	84	20 410	926,509	3 689,957	3,983	3,518
35	35	97 306	26 826,101	549 840,754	20,496	20,032	85	85	17 005	744,023	2 763,449	3,714	3,250
36	36	97 181	25 823,094	523 014,653	20,254	19,789	86	86	13 800	581,971	2 019,426	3,470	3,006
37	37	97 047	24 855,429	497 191,558	20,003	19,539	87	87	10 900	443,063	1 437,455	3,244	2,780
38	38	96 900	23 920,773	472 336,129	19,746	19,281	88	88	8 281	324,440	994,392	3,065	2,601
39	39	96 738	23 017,765	448 415,356	19,481	19,017	89	89	6 150	232,227	669,952	2,885	2,420
40	40	96 557	22 144,170	425 397,591	19,210	18,746	90	90	4 421	160,906	437,725	2,720	2,256
41	41	96 357	21 299,486	403 253,421	18,933	18,468	91	91	3 126	109,671	276,820	2,524	2,060
42	42	96 134	20 482,096	381 953,935	18,648	18,184	92	92	2 083	70,430	167,148	2,373	1,909
43	43	95 888	19 691,299	361 471,839	18,357	17,893	93	93	1 322	43,095	96,718	2,244	1,780
44	44	95 602	18 923,070	341 780,541	18,062	17,597	94	94	803	25,229	53,623	2,125	1,661
45	45	95 291	18 179,708	322 857,470	17,759	17,295	95	95	465	14,072	28,394	2,018	1,553
46	46	94 933	17 456,728	304 677,762	17,453	16,989	96	96	256	7,459	14,322	1,920	1,456
47	47	94 524	16 753,393	287 221,034	17,144	16,680	97	97	133	3,747	6,864	1,832	1,367
48	48	94 068	16 069,962	270 467,641	16,831	16,366	98	98	66	1,779	3,117	1,752	1,287
49	49	93 563	15 405,822	254 397,679	16,513	16,049	99	99	30	0,797	1,337	1,679	1,215
							100	100	13	0,335	0,541	1,613	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 527 228,553	25,353	24,889	50	51	92 786	14 725,712	236 622,089	16,069	15,604
1	2	99 247	95 659,682	2 427 548,515	25,377	24,913	51	52	92 159	14 097,622	221 896,377	15,740	15,276
2	3	99 196	92 154,426	2 331 888,833	25,304	24,840	52	53	91 463	13 485,364	207 798,574	15,409	14,945
3	4	99 162	88 793,713	2 239 734,407	25,224	24,760	53	54	90 705	12 890,282	194 313,391	15,074	14,610
4	5	99 135	85 561,123	2 150 940,695	25,139	24,675	54	55	89 897	12 313,726	181 423,109	14,733	14,269
5	6	99 112	82 449,211	2 065 379,571	25,050	24,586	55	56	89 000	11 750,172	169 109,382	14,392	13,928
6	7	99 093	79 453,553	1 982 930,361	24,957	24,493	56	57	88 051	11 204,678	157 359,210	14,044	13,580
7	8	99 074	76 567,267	1 903 476,808	24,860	24,396	57	58	87 034	10 675,011	146 154,533	13,691	13,227
8	9	99 058	73 788,054	1 826 909,541	24,759	24,294	58	59	85 947	10 160,678	135 479,522	13,334	12,869
9	10	99 042	71 109,664	1 753 121,487	24,654	24,189	59	60	84 780	9 660,444	125 318,844	12,972	12,508
10	11	99 026	68 528,030	1 682 011,823	24,545	24,080	60	61	83 508	9 171,484	115 658,400	12,611	12,146
11	12	99 009	66 039,962	1 613 483,793	24,432	23,968	61	62	82 152	8 696,527	106 486,916	12,245	11,780
12	13	98 992	63 641,908	1 547 443,830	24,315	23,850	62	63	80 719	8 235,955	97 790,389	11,874	11,409
13	14	98 972	61 329,150	1 483 801,923	24,194	23,730	63	64	79 195	7 788,390	89 554,434	11,498	11,034
14	15	98 951	59 099,941	1 422 472,773	24,069	23,605	64	65	77 593	7 354,981	81 766,044	11,117	10,653
15	16	98 921	56 946,684	1 363 372,831	23,941	23,477	65	66	75 885	6 933,150	74 411,063	10,733	10,268
16	17	98 886	54 868,584	1 306 426,148	23,810	23,346	66	67	74 088	6 524,325	67 477,913	10,343	9,878
17	18	98 839	52 860,420	1 251 557,564	23,677	23,212	67	68	72 196	6 127,900	60 953,588	9,947	9,482
18	19	98 784	50 921,280	1 198 697,144	23,540	23,076	68	69	70 200	5 743,119	54 825,687	9,546	9,082
19	20	98 708	49 042,927	1 147 775,864	23,403	22,939	69	70	68 066	5 367,231	49 082,568	9,145	8,680
20	21	98 633	47 234,546	1 098 732,937	23,261	22,797	70	71	65 799	5 000,930	43 715,337	8,741	8,277
21	22	98 553	45 490,241	1 051 498,391	23,115	22,650	71	72	63 389	4 643,672	38 714,407	8,337	7,873
22	23	98 474	43 811,220	1 006 008,150	22,962	22,498	72	73	60 796	4 292,726	34 070,735	7,937	7,472
23	24	98 397	42 194,322	962 196,930	22,804	22,340	73	74	58 004	3 947,561	29 778,009	7,543	7,079
24	25	98 320	40 637,586	920 002,608	22,639	22,175	74	75	55 060	3 611,732	25 830,448	7,152	6,687
25	26	98 242	39 137,469	879 365,021	22,469	22,004	75	76	51 890	3 280,769	22 218,715	6,772	6,308
26	27	98 157	37 690,433	840 227,553	22,293	21,828	76	77	48 566	2 959,616	18 937,947	6,399	5,934
27	28	98 072	36 296,570	802 537,120	22,111	21,646	77	78	45 077	2 647,715	15 978,331	6,035	5,570
28	29	97 984	34 953,422	766 240,550	21,922	21,457	78	79	41 412	2 344,527	13 330,616	5,686	5,221
29	30	97 896	33 659,829	731 287,129	21,726	21,261	79	80	37 640	2 053,926	10 986,089	5,349	4,884
30	31	97 807	32 413,438	697 627,299	21,523	21,058	80	81	33 826	1 779,088	8 932,163	5,021	4,556
31	32	97 710	31 210,936	665 213,861	21,313	20,849	81	82	29 968	1 519,232	7 153,074	4,708	4,244
32	33	97 604	30 050,120	634 002,925	21,098	20,634	82	83	26 148	1 277,655	5 633,842	4,410	3,945
33	34	97 495	28 931,877	603 952,806	20,875	20,411	83	84	22 436	1 056,665	4 356,187	4,123	3,658
34	35	97 385	27 854,585	575 020,929	20,644	20,179	84	85	18 900	857,960	3 299,522	3,846	3,381
35	36	97 265	26 814,669	547 166,343	20,405	19,941	85	86	15 555	680,561	2 441,562	3,588	3,123
36	37	97 135	25 811,053	520 351,675	20,160	19,696	86	87	12 466	525,725	1 761,001	3,350	2,885
37	38	96 996	24 842,338	494 540,622	19,907	19,443	87	88	9 650	392,260	1 235,276	3,149	2,685
38	39	96 843	23 906,670	469 698,284	19,647	19,183	88	89	7 242	283,735	843,016	2,971	2,507
39	40	96 670	23 001,577	445 791,614	19,381	18,916	89	90	5 290	199,769	559,281	2,800	2,335
40	41	96 488	22 128,386	422 790,037	19,106	18,642	90	91	3 766	137,060	359,512	2,623	2,159
41	42	96 277	21 281,786	400 661,651	18,827	18,362	91	92	2 585	90,682	222,452	2,453	1,989
42	43	96 043	20 462,721	379 379,864	18,540	18,076	92	93	1 689	57,120	131,769	2,307	1,842
43	44	95 786	19 670,514	358 917,143	18,246	17,782	93	94	1 049	34,179	74,649	2,184	1,720
44	45	95 494	18 901,672	339 246,630	17,948	17,484	94	95	622	19,542	40,470	2,071	1,606
45	46	95 162	18 155,119	320 344,958	17,645	17,180	95	96	351	10,632	20,928	1,968	1,504
46	47	94 785	17 429,654	302 189,839	17,338	16,873	96	97	188	5,490	10,296	1,875	1,411
47	48	94 360	16 724,319	284 760,185	17,027	16,562	97	98	95	2,683	4,806	1,791	1,327
48	49	93 894	16 040,185	268 035,866	16,710	16,246	98	99	46	1,238	2,123	1,715	1,251
49	50	93 367	15 373,592	251 995,681	16,391	15,927	99	100	21	0,538	0,885	1,646	1,181

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 523 997,593	25,328	24,864	50	52	92 555	14 689,034	234 073,341	15,935	15,471
1	3	99 231	95 644,260	2 424 345,897	25,348	24,883	51	53	91 904	14 058,560	219 384,307	15,605	15,141
2	4	99 181	92 141,212	2 328 701,637	25,273	24,809	52	54	91 185	13 444,379	205 325,747	15,272	14,808
3	5	99 150	88 783,071	2 236 560,424	25,191	24,727	53	55	90 416	12 849,212	191 881,368	14,933	14,469
4	6	99 126	85 553,384	2 147 777,353	25,105	24,640	54	56	89 574	12 269,427	179 032,156	14,592	14,127
5	7	99 104	82 442,600	2 062 223,970	25,014	24,550	55	57	88 662	11 705,605	166 762,729	14,246	13,782
6	8	99 084	79 446,915	1 979 781,370	24,920	24,455	56	58	87 687	11 158,444	155 057,124	13,896	13,432
7	9	99 068	76 562,511	1 900 334,455	24,821	24,356	57	59	86 637	10 626,336	143 898,680	13,542	13,077
8	10	99 052	73 783,370	1 823 771,944	24,718	24,254	58	60	85 537	10 112,127	133 272,344	13,179	12,715
9	11	99 035	71 103,935	1 749 988,574	24,612	24,147	59	61	84 317	9 607,621	123 160,217	12,819	12,355
10	12	99 018	68 522,588	1 678 884,639	24,501	24,037	60	62	83 033	9 119,340	113 552,595	12,452	11,987
11	13	99 002	66 034,900	1 610 362,051	24,387	23,922	61	63	81 637	8 641,958	104 433,256	12,084	11,620
12	14	98 982	63 635,647	1 544 327,151	24,268	23,804	62	64	80 181	8 181,033	95 791,298	11,709	11,245
13	15	98 960	61 321,558	1 480 691,504	24,146	23,682	63	65	78 625	7 732,347	87 610,265	11,330	10,866
14	16	98 938	59 091,930	1 419 369,946	24,020	23,555	64	66	76 992	7 298,036	79 877,918	10,945	10,481
15	17	98 905	56 937,529	1 360 278,016	23,891	23,426	65	67	75 262	6 876,161	72 579,883	10,555	10,091
16	18	98 868	54 858,953	1 303 340,488	23,758	23,294	66	68	73 420	6 465,478	65 703,721	10,162	9,698
17	19	98 817	52 848,873	1 248 481,535	23,624	23,159	67	69	71 489	6 067,877	59 238,243	9,763	9,298
18	20	98 762	50 910,329	1 195 632,662	23,485	23,021	68	70	69 430	5 680,130	53 170,367	9,361	8,896
19	21	98 687	49 032,580	1 144 722,333	23,346	22,882	69	71	67 253	5 303,103	47 490,236	8,955	8,491
20	22	98 612	47 224,336	1 095 689,753	23,202	22,737	70	72	64 921	4 934,202	42 187,134	8,550	8,086
21	23	98 530	45 479,787	1 048 465,417	23,053	22,589	71	73	62 408	4 571,811	37 252,931	8,148	7,684
22	24	98 452	43 801,254	1 002 985,629	22,899	22,434	72	74	59 742	4 218,310	32 681,121	7,747	7,283
23	25	98 374	42 184,729	959 184,375	22,738	22,273	73	75	56 883	3 871,278	28 462,811	7,352	6,888
24	26	98 298	40 628,531	916 999,645	22,570	22,106	74	76	53 833	3 531,259	24 591,532	6,964	6,500
25	27	98 215	39 127,013	876 371,115	22,398	21,934	75	77	50 575	3 197,609	21 060,274	6,586	6,122
26	28	98 132	37 680,703	837 244,102	22,219	21,755	76	78	47 160	2 873,923	17 862,665	6,215	5,751
27	29	98 046	36 287,142	799 563,398	22,034	21,570	77	79	43 578	2 559,657	14 988,743	5,856	5,391
28	30	97 957	34 943,727	763 276,256	21,843	21,379	78	80	39 857	2 256,489	12 429,086	5,508	5,044
29	31	97 870	33 650,592	728 332,529	21,644	21,180	79	81	36 007	1 964,841	10 172,597	5,177	4,713
30	32	97 775	32 402,871	694 681,938	21,439	20,974	80	82	32 151	1 691,031	8 207,756	4,854	4,389
31	33	97 676	31 200,126	662 279,067	21,227	20,762	81	83	28 264	1 432,836	6 516,725	4,548	4,084
32	34	97 568	30 039,248	631 078,941	21,008	20,544	82	84	24 449	1 194,660	5 083,889	4,256	3,791
33	35	97 456	28 920,136	601 039,693	20,783	20,318	83	85	20 776	978,487	3 889,229	3,975	3,510
34	36	97 344	27 842,715	572 119,557	20,548	20,084	84	86	17 288	784,780	2 910,742	3,709	3,245
35	37	97 220	26 802,165	544 276,842	20,307	19,843	85	87	14 051	614,786	2 125,962	3,458	2,994
36	38	97 084	25 797,458	517 474,678	20,059	19,595	86	88	11 037	465,444	1 511,176	3,247	2,782
37	39	96 938	24 827,691	491 677,220	19,804	19,339	87	89	8 440	343,047	1 045,732	3,048	2,584
38	40	96 775	23 889,857	466 849,528	19,542	19,077	88	90	6 230	244,078	702,685	2,879	2,415
39	41	96 602	22 985,182	442 959,671	19,272	18,807	89	91	4 506	170,164	458,608	2,695	2,231
40	42	96 408	22 109,998	419 974,489	18,995	18,530	90	92	3 114	113,329	288,444	2,545	2,081
41	43	96 185	21 261,655	397 864,491	18,713	18,248	91	93	2 096	73,545	175,115	2,381	1,917
42	44	95 941	20 441,121	376 602,836	18,424	17,959	92	94	1 340	45,303	101,570	2,242	1,778
43	45	95 678	19 648,270	356 161,714	18,127	17,662	93	95	812	26,476	56,267	2,125	1,661
44	46	95 365	18 876,106	336 513,445	17,827	17,363	94	96	470	14,765	29,791	2,018	1,553
45	47	95 014	18 126,962	317 637,339	17,523	17,058	95	97	258	7,825	15,026	1,920	1,456
46	48	94 621	17 399,407	299 510,377	17,214	16,749	96	98	135	3,931	7,201	1,832	1,367
47	49	94 185	16 693,329	282 110,970	16,900	16,435	97	99	66	1,867	3,270	1,752	1,287
48	50	93 698	16 006,628	265 417,641	16,582	16,117	98	100	31	0,836	1,403	1,679	1,215
49	51	93 149	15 337,672	249 411,013	16,261	15,797							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 520 543,644	25,298	24,833	50	53	92 298	14 648,333	231 336,894	15,793	15,328
1	4	99 217	95 630,546	2 420 908,013	25,315	24,851	51	54	91 625	14 015,834	216 688,562	15,460	14,996
2	5	99 169	92 130,169	2 325 277,467	25,239	24,775	52	55	90 894	13 401,543	202 672,728	15,123	14,659
3	6	99 141	88 775,040	2 233 147,298	25,155	24,691	53	56	90 091	12 802,986	189 271,185	14,783	14,319
4	7	99 119	85 546,524	2 144 372,258	25,067	24,602	54	57	89 234	12 222,891	176 468,198	14,438	13,973
5	8	99 096	82 435,712	2 058 825,734	24,975	24,511	55	58	88 297	11 657,304	164 245,308	14,089	13,625
6	9	99 078	79 441,980	1 976 390,022	24,878	24,414	56	59	87 288	11 107,566	152 588,004	13,737	13,273
7	10	99 062	76 557,650	1 896 948,041	24,778	24,314	57	60	86 223	10 575,560	141 480,438	13,378	12,914
8	11	99 044	73 777,426	1 820 390,391	24,674	24,210	58	61	85 069	10 056,835	130 904,878	13,017	12,552
9	12	99 027	71 098,288	1 746 612,965	24,566	24,102	59	62	83 837	9 552,998	120 848,043	12,650	12,186
10	13	99 011	68 517,335	1 675 514,677	24,454	23,989	60	63	82 512	9 062,118	111 295,045	12,281	11,817
11	14	98 992	66 028,404	1 606 997,341	24,338	23,874	61	64	81 093	8 584,328	102 232,927	11,909	11,445
12	15	98 970	63 627,770	1 540 968,937	24,218	23,754	62	65	79 604	8 122,164	93 648,600	11,530	11,066
13	16	98 946	61 313,245	1 477 341,168	24,095	23,631	63	66	78 016	7 672,479	85 526,436	11,147	10,683
14	17	98 922	59 082,430	1 416 027,923	23,967	23,503	64	67	76 359	7 238,048	77 853,956	10,756	10,292
15	18	98 888	56 927,534	1 356 945,493	23,836	23,372	65	68	74 583	6 814,141	70 615,909	10,363	9,899
16	19	98 847	54 846,969	1 300 017,959	23,703	23,238	66	69	72 701	6 402,148	63 801,768	9,966	9,501
17	20	98 796	52 837,508	1 245 170,990	23,566	23,102	67	70	70 705	6 001,326	57 399,621	9,564	9,100
18	21	98 742	50 899,588	1 192 333,482	23,425	22,961	68	71	68 601	5 612,263	51 398,294	9,158	8,694
19	22	98 665	49 021,981	1 141 433,894	23,284	22,820	69	72	66 355	5 232,343	45 786,031	8,751	8,286
20	23	98 589	47 213,484	1 092 411,913	23,138	22,673	70	73	63 916	4 857,845	40 553,688	8,348	7,884
21	24	98 508	45 469,443	1 045 198,428	22,987	22,522	71	74	61 327	4 492,556	35 695,843	7,946	7,481
22	25	98 430	43 791,296	999 728,986	22,829	22,365	72	75	58 588	4 136,795	31 203,287	7,543	7,078
23	26	98 352	42 175,329	955 937,690	22,666	22,201	73	76	55 616	3 785,022	27 066,491	7,151	6,687
24	27	98 272	40 617,676	913 762,361	22,497	22,032	74	77	52 469	3 441,749	23 281,470	6,764	6,300
25	28	98 190	39 116,913	873 144,684	22,321	21,857	75	78	49 110	3 105,024	19 839,721	6,390	5,925
26	29	98 106	37 670,916	834 027,771	22,140	21,675	76	79	45 591	2 778,341	16 734,696	6,023	5,559
27	30	98 019	36 277,078	796 356,855	21,952	21,488	77	80	41 941	2 463,540	13 956,355	5,665	5,201
28	31	97 930	34 934,137	760 079,777	21,758	21,293	78	81	38 128	2 158,618	11 492,815	5,324	4,860
29	32	97 838	33 639,621	725 145,640	21,556	21,092	79	82	34 225	1 867,590	9 334,197	4,998	4,534
30	33	97 741	32 391,648	691 506,020	21,348	20,884	80	83	30 323	1 594,866	7 466,608	4,682	4,217
31	34	97 641	31 188,838	659 114,371	21,133	20,669	81	84	26 428	1 339,761	5 871,742	4,383	3,918
32	35	97 529	30 027,057	627 925,533	20,912	20,448	82	85	22 641	1 106,272	4 531,981	4,097	3,632
33	36	97 414	28 907,811	597 898,476	20,683	20,219	83	86	19 004	895,026	3 425,709	3,827	3,363
34	37	97 298	27 829,731	568 990,665	20,445	19,981	84	87	15 617	708,932	2 530,683	3,570	3,105
35	38	97 168	26 788,048	541 160,933	20,202	19,737	85	88	12 440	544,294	1 821,751	3,347	2,883
36	39	97 027	25 782,249	514 372,885	19,951	19,486	86	89	9 652	407,049	1 277,457	3,138	2,674
37	40	96 870	24 810,231	488 590,637	19,693	19,229	87	90	7 260	295,099	870,408	2,950	2,485
38	41	96 706	23 872,829	463 780,405	19,427	18,963	88	91	5 307	207,906	575,309	2,767	2,303
39	42	96 521	22 966,082	439 907,577	19,155	18,690	89	92	3 726	140,701	367,403	2,611	2,147
40	43	96 317	22 089,083	416 941,495	18,875	18,411	90	93	2 525	91,912	226,702	2,467	2,002
41	44	96 084	21 239,212	394 852,412	18,591	18,126	91	94	1 663	58,330	134,790	2,311	1,846
42	45	95 833	20 418,006	373 613,200	18,298	17,834	92	95	1 038	35,092	76,460	2,179	1,714
43	46	95 549	19 621,694	353 195,193	18,000	17,536	93	96	614	20,004	41,369	2,068	1,604
44	47	95 217	18 846,831	333 573,499	17,699	17,235	94	97	346	10,867	21,365	1,966	1,502
45	48	94 850	18 095,504	314 726,668	17,393	16,928	95	98	185	5,603	10,497	1,873	1,409
46	49	94 446	17 367,166	296 631,164	17,080	16,616	96	99	94	2,735	4,894	1,790	1,325
47	50	93 988	16 658,406	279 263,998	16,764	16,300	97	100	45	1,260	2,159	1,714	1,249
48	51	93 479	15 969,229	262 605,592	16,444	15,980							
49	52	92 917	15 299,469	246 636,363	16,121	15,656							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 516 841,863	25,264	24,800	50	54	92 018	14 603,814	228 406,230	15,640	15,176
1	5	99 205	95 619,085	2 417 220,518	25,280	24,815	51	55	91 333	13 971,177	213 802,416	15,303	14,839
2	6	99 161	92 121,835	2 321 601,433	25,201	24,737	52	56	90 567	13 353,331	199 831,239	14,965	14,500
3	7	99 133	88 767,922	2 229 479,598	25,116	24,651	53	57	89 749	12 754,426	186 477,908	14,621	14,156
4	8	99 110	85 539,377	2 140 711,676	25,026	24,562	54	58	88 866	12 172,456	173 723,482	14,272	13,807
5	9	99 090	82 430,592	2 055 172,299	24,932	24,468	55	59	87 894	11 604,151	161 551,027	13,922	13,457
6	10	99 072	79 436,937	1 972 741,707	24,834	24,370	56	60	86 871	11 054,490	149 946,876	13,564	13,100
7	11	99 054	76 551,483	1 893 304,770	24,732	24,268	57	61	85 752	10 517,734	138 892,386	13,206	12,741
8	12	99 036	73 771,567	1 816 753,287	24,627	24,162	58	62	84 585	9 999,657	128 374,652	12,838	12,373
9	13	99 019	71 092,838	1 742 981,720	24,517	24,053	59	63	83 311	9 493,055	118 374,995	12,470	12,005
10	14	99 001	68 510,595	1 671 888,882	24,403	23,939	60	64	81 962	9 001,686	108 881,940	12,096	11,631
11	15	98 980	66 020,230	1 603 378,287	24,286	23,822	61	65	80 509	8 522,557	99 880,254	11,720	11,255
12	16	98 957	63 619,144	1 537 358,057	24,165	23,701	62	66	78 988	8 059,278	91 357,697	11,336	10,871
13	17	98 930	61 303,388	1 473 738,913	24,040	23,576	63	67	77 375	7 609,413	83 298,419	10,947	10,482
14	18	98 904	59 072,059	1 412 435,525	23,910	23,446	64	68	75 670	7 172,763	75 689,005	10,552	10,088
15	19	98 866	56 915,099	1 353 363,466	23,779	23,314	65	69	73 852	6 747,395	68 516,242	10,154	9,690
16	20	98 825	54 835,174	1 296 448,367	23,643	23,178	66	70	71 904	6 331,931	61 768,847	9,755	9,291
17	21	98 775	52 826,360	1 241 613,193	23,504	23,039	67	71	69 860	5 929,621	55 436,916	9,349	8,885
18	22	98 720	50 888,586	1 188 786,833	23,361	22,896	68	72	67 685	5 537,379	49 507,295	8,941	8,476
19	23	98 643	49 010,716	1 137 898,247	23,217	22,753	69	73	65 328	5 151,372	43 969,916	8,536	8,071
20	24	98 567	47 202,745	1 088 887,531	23,068	22,604	70	74	62 808	4 773,632	38 818,544	8,132	7,667
21	25	98 485	45 459,105	1 041 684,785	22,915	22,450	71	75	60 142	4 405,742	34 044,912	7,727	7,263
22	26	98 408	43 781,538	996 225,680	22,796	22,290	72	76	57 282	4 044,623	29 639,170	7,328	6,864
23	27	98 326	42 164,061	952 444,143	22,589	22,125	73	77	54 206	3 689,080	25 594,548	6,938	6,473
24	28	98 247	40 607,192	910 280,081	22,417	21,952	74	78	50 949	3 342,096	21 905,468	6,554	6,090
25	29	98 164	39 106,753	869 672,890	22,238	21,774	75	79	47 477	3 001,757	18 563,372	6,184	5,720
26	30	98 079	37 660,468	830 566,137	22,054	21,590	76	80	43 879	2 674,013	15 561,615	5,820	5,355
27	31	97 992	36 267,122	792 905,669	21,863	21,399	77	81	40 122	2 356,688	12 887,602	5,469	5,004
28	32	97 898	34 922,748	756 638,547	21,666	21,202	78	82	36 241	2 051,775	10 530,913	5,133	4,668
29	33	97 804	33 627,970	721 715,799	21,462	20,997	79	83	32 279	1 761,384	8 479,138	4,814	4,349
30	34	97 706	32 379,929	688 087,830	21,250	20,786	80	84	28 353	1 491,265	6 717,754	4,505	4,040
31	35	97 601	31 176,181	655 707,900	21,032	20,568	81	85	24 473	1 240,637	5 226,490	4,213	3,748
32	36	97 487	30 014,261	624 531,719	20,808	20,343	82	86	20 709	1 011,912	3 985,852	3,939	3,475
33	37	97 369	28 894,331	594 517,458	20,576	20,111	83	87	17 167	808,523	2 973,940	3,678	3,214
34	38	97 247	27 815,074	565 623,127	20,335	19,871	84	88	13 827	627,645	2 165,417	3,450	2,986
35	39	97 111	26 772,255	537 808,054	20,088	19,624	85	89	10 879	476,005	1 537,772	3,231	2,766
36	40	96 959	25 764,117	511 035,799	19,835	19,371	86	90	8 303	350,156	1 061,766	3,032	2,568
37	41	96 801	24 792,547	485 271,682	19,573	19,109	87	91	6 184	251,367	711,610	2,831	2,367
38	42	96 625	23 852,991	460 479,135	19,305	18,840	88	92	4 388	171,908	460,244	2,677	2,213
39	43	96 430	22 944,357	436 626,144	19,030	18,565	89	93	3 022	114,111	288,335	2,527	2,062
40	44	96 215	22 065,767	413 681,787	18,748	18,283	90	94	2 003	72,897	174,224	2,390	1,926
41	45	95 975	21 215,195	391 616,021	18,459	17,995	91	95	1 288	45,183	101,328	2,243	1,778
42	46	95 703	20 390,389	370 400,826	18,165	17,701	92	96	784	26,514	56,145	2,118	1,653
43	47	95 401	19 591,263	350 010,437	17,866	17,401	93	97	452	14,723	29,631	2,013	1,548
44	48	95 052	18 814,124	330 419,174	17,562	17,098	94	98	248	7,782	14,908	1,916	1,451
45	49	94 674	18 061,974	311 605,050	17,252	16,788	95	99	129	3,898	7,127	1,828	1,364
46	50	94 248	17 330,833	293 543,076	16,938	16,473	96	100	63	1,846	3,228	1,749	1,284
47	51	93 769	16 619,484	276 212,244	16,620	16,155							
48	52	93 246	15 929,453	259 592,760	16,296	15,832							
49	53	92 659	15 257,077	243 663,307	15,971	15,506							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 512 877,995	25,227	24,763	50	55	91 725	14 557,284	225 275,008	15,475	15,011
1	6	99 196	95 610,435	2 413 268,590	25,241	24,776	51	56	91 004	13 920,915	210 717,725	15,137	14,672
2	7	99 153	92 114,449	2 317 658,155	25,161	24,696	52	57	90 224	13 302,683	196 796,809	14,794	14,329
3	8	99 125	88 760,506	2 225 543,706	25,074	24,609	53	58	89 379	12 701,798	183 494,126	14,446	13,982
4	9	99 104	85 534,064	2 136 783,200	24,982	24,517	54	59	88 461	12 116,954	170 792,329	14,095	13,631
5	10	99 084	82 425,359	2 051 249,135	24,886	24,422	55	60	87 474	11 548,702	158 675,375	13,740	13,275
6	11	99 064	79 430,538	1 968 823,776	24,787	24,322	56	61	86 396	10 994,045	147 126,673	13,382	12,918
7	12	99 046	76 545,403	1 889 393,239	24,683	24,219	57	62	85 264	10 457,936	136 132,628	13,017	12,553
8	13	99 029	73 765,912	1 812 847,836	24,576	24,111	58	63	84 055	9 936,912	125 674,692	12,647	12,183
9	14	99 009	71 085,845	1 739 081,924	24,465	24,000	59	64	82 756	9 429,749	115 737,780	12,274	11,809
10	15	98 989	68 502,114	1 667 996,079	24,350	23,885	60	65	81 372	8 936,912	106 308,031	11,895	11,431
11	16	98 966	66 011,280	1 599 493,965	24,231	23,766	61	66	79 886	8 456,571	97 371,120	11,514	11,050
12	17	98 941	63 608,917	1 533 482,685	24,108	23,644	62	67	78 338	7 993,033	88 914,548	11,124	10,660
13	18	98 913	61 292,627	1 469 873,768	23,981	23,517	63	68	76 677	7 540,779	80 921,515	10,731	10,267
14	19	98 883	59 059,155	1 408 581,141	23,850	23,386	64	69	74 929	7 102,505	73 380,736	10,332	9,867
15	20	98 845	56 902,859	1 349 521,986	23,716	23,252	65	70	73 042	6 673,392	66 278,231	9,932	9,467
16	21	98 805	54 823,605	1 292 619,127	23,578	23,113	66	71	71 045	6 256,276	59 604,839	9,527	9,063
17	22	98 754	52 814,941	1 237 795,523	23,436	22,972	67	72	68 928	5 850,502	53 348,563	9,119	8,654
18	23	98 698	50 876,892	1 184 980,581	23,291	22,827	68	73	66 638	5 451,687	47 498,061	8,713	8,248
19	24	98 620	48 999,569	1 134 103,689	23,145	22,681	69	74	64 196	5 062,071	42 046,374	8,306	7,842
20	25	98 544	47 192,014	1 085 104,121	22,993	22,529	70	75	61 594	4 681,386	36 984,303	7,900	7,436
21	26	98 463	45 448,975	1 037 912,107	22,837	22,372	71	76	58 802	4 307,577	32 302,917	7,499	7,035
22	27	98 381	43 769,841	992 463,132	22,675	22,210	72	77	55 830	3 942,101	27 995,340	7,102	6,637
23	28	98 301	42 153,177	948 693,291	22,506	22,041	73	78	52 637	3 582,265	24 053,239	6,715	6,250
24	29	98 221	40 596,645	906 540,114	22,330	21,866	74	79	49 255	3 230,944	20 470,974	6,336	5,871
25	30	98 137	39 095,906	865 943,469	22,149	21,685	75	80	45 694	2 889,039	17 240,030	5,967	5,503
26	31	98 052	37 650,132	826 847,563	21,961	21,497	76	81	41 976	2 558,032	14 350,991	5,610	5,146
27	32	97 960	36 255,298	789 197,430	21,768	21,303	77	82	38 136	2 240,042	11 792,958	5,265	4,800
28	33	97 864	34 910,652	752 942,132	21,568	21,103	78	83	34 180	1 935,095	9 552,916	4,937	4,472
29	34	97 768	33 615,803	718 031,480	21,360	20,896	79	84	30 182	1 646,966	7 617,821	4,625	4,161
30	35	97 666	32 366,789	684 415,677	21,146	20,681	80	85	26 256	1 380,932	5 970,855	4,324	3,859
31	36	97 559	31 162,895	652 048,888	20,924	20,459	81	86	22 385	1 134,817	4 589,923	4,045	3,580
32	37	97 442	30 000,265	620 885,993	20,696	20,232	82	87	18 708	914,112	3 455,106	3,780	3,315
33	38	97 318	28 879,112	590 885,728	20,461	19,996	83	88	15 199	715,817	2 540,994	3,550	3,085
34	39	97 190	27 798,675	562 006,616	20,217	19,753	84	89	12 092	548,899	1 825,177	3,325	2,861
35	40	97 043	26 753,427	534 207,941	19,968	19,503	85	90	9 359	409,475	1 276,277	3,117	2,652
36	41	96 890	25 745,752	507 454,514	19,710	19,246	86	91	7 073	298,264	866,803	2,906	2,442
37	42	96 721	24 771,944	481 708,762	19,446	18,981	87	92	5 113	207,844	568,539	2,735	2,271
38	43	96 534	23 830,427	456 936,817	19,175	18,710	88	93	3 559	139,421	360,695	2,587	2,123
39	44	96 328	22 920,138	433 106,390	18,896	18,432	89	94	2 397	90,503	221,274	2,445	1,981
40	45	96 106	22 040,814	410 186,252	18,610	18,146	90	95	1 551	56,466	130,771	2,316	1,851
41	46	95 845	21 186,500	388 145,437	18,320	17,856	91	96	973	34,138	74,304	2,177	1,712
42	47	95 555	20 358,766	366 958,938	18,025	17,560	92	97	577	19,514	40,167	2,058	1,594
43	48	95 235	19 557,264	346 600,172	17,722	17,258	93	98	323	10,542	20,652	1,959	1,495
44	49	94 876	18 779,262	327 042,908	17,415	16,951	94	99	172	5,414	10,110	1,867	1,403
45	50	94 476	18 024,187	308 263,646	17,103	16,638	95	100	87	2,632	4,696	1,784	1,320
46	51	94 028	17 290,340	290 239,460	16,786	16,322							
47	52	93 535	16 578,088	272 949,120	16,464	16,000							
48	53	92 988	15 885,315	256 371,031	16,139	15,674							
49	54	92 378	15 210,708	240 485,716	15,810	15,346							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 508 637,357	25,187	24,723	50	56	91 395	14 504,913	221 935,472	15,301	14,836
1	7	99 188	95 602,769	2 409 036,963	25,198	24,734	51	57	90 659	13 868,115	207 430,558	14,957	14,493
2	8	99 144	92 106,754	2 313 434,193	25,117	24,652	52	58	89 851	13 247,792	193 562,443	14,611	14,146
3	9	99 119	88 754,993	2 221 327,440	25,028	24,563	53	59	88 971	12 643,882	180 314,651	14,261	13,797
4	10	99 098	85 528,634	2 132 572,447	24,934	24,470	54	60	88 038	12 059,054	167 670,769	13,904	13,440
5	11	99 076	82 418,719	2 047 043,813	24,837	24,373	55	61	86 996	11 485,555	155 611,715	13,548	13,084
6	12	99 056	79 424,229	1 964 625,094	24,736	24,271	56	62	85 904	10 931,539	144 126,159	13,184	12,720
7	13	99 038	76 539,536	1 885 200,865	24,630	24,166	57	63	84 729	10 392,315	133 194,620	12,817	12,352
8	14	99 019	73 758,655	1 808 661,329	24,521	24,057	58	64	83 494	9 870,646	122 802,306	12,441	11,977
9	15	98 997	71 077,045	1 734 902,674	24,409	23,944	59	65	82 160	9 361,894	112 931,660	12,063	11,598
10	16	98 975	68 492,828	1 663 825,629	24,292	23,828	60	66	80 742	8 867,718	103 569,765	11,679	11,215
11	17	98 950	66 000,668	1 595 332,802	24,171	23,707	61	67	79 229	8 387,060	94 702,047	11,291	10,827
12	18	98 923	63 597,751	1 529 332,133	24,047	23,583	62	68	77 632	7 920,939	86 314,987	10,897	10,433
13	19	98 891	61 279,238	1 465 734,383	23,919	23,455	63	69	75 926	7 466,916	78 394,048	10,499	10,034
14	20	98 862	59 046,454	1 404 455,144	23,786	23,321	64	70	74 107	7 024,607	70 927,132	10,097	9,633
15	21	98 824	56 890,853	1 345 408,690	23,649	23,185	65	71	72 169	6 593,657	63 902,525	9,692	9,227
16	22	98 783	54 811,755	1 288 517,837	23,508	23,044	66	72	70 097	6 172,798	57 308,868	9,284	8,820
17	23	98 731	52 802,805	1 233 706,082	23,364	22,900	67	73	67 861	5 759,965	51 136,070	8,878	8,413
18	24	98 675	50 865,320	1 180 903,277	23,216	22,752	68	74	65 483	5 357,180	45 376,105	8,470	8,006
19	25	98 598	48 988,428	1 130 037,957	23,067	22,603	69	75	62 955	4 964,251	40 018,925	8,061	7,597
20	26	98 522	47 181,497	1 081 049,529	22,913	22,448	70	76	60 222	4 577,079	35 054,674	7,659	7,194
21	27	98 437	45 436,833	1 033 868,032	22,754	22,290	71	77	57 311	4 198,390	30 477,595	7,259	6,795
22	28	98 356	43 758,543	988 431,199	22,588	22,124	72	78	54 214	3 827,960	26 279,205	6,865	6,401
23	29	98 275	42 142,229	944 672,657	22,416	21,952	73	79	50 886	3 463,126	22 451,245	6,483	6,019
24	30	98 194	40 585,385	902 530,428	22,238	21,773	74	80	47 405	3 109,620	18 988,119	6,106	5,642
25	31	98 110	39 085,177	861 945,043	22,053	21,589	75	81	43 712	2 763,732	15 878,498	5,745	5,281
26	32	98 020	37 637,858	822 859,866	21,863	21,398	76	82	39 898	2 431,421	13 114,766	5,394	4,929
27	33	97 926	36 242,741	785 222,009	21,666	21,201	77	83	35 968	2 112,656	10 683,346	5,057	4,592
28	34	97 829	34 898,022	748 979,268	21,462	20,998	78	84	31 960	1 809,393	8 570,690	4,737	4,272
29	35	97 729	33 602,161	714 081,246	21,251	20,787	79	85	27 949	1 525,114	6 761,296	4,433	3,969
30	36	97 624	32 352,995	680 479,084	21,033	20,569	80	86	24 016	1 263,145	5 236,183	4,145	3,681
31	37	97 514	31 148,363	648 126,089	20,808	20,343	81	87	20 222	1 025,138	3 973,037	3,876	3,411
32	38	97 390	29 984,464	616 977,726	20,577	20,112	82	88	16 563	809,299	2 947,899	3,643	3,178
33	39	97 260	28 862,086	586 993,262	20,338	19,873	83	89	13 292	626,009	2 138,600	3,416	2,952
34	40	97 121	27 779,125	558 131,175	20,092	19,627	84	90	10 402	472,180	1 512,591	3,203	2,739
35	41	96 974	26 734,357	530 352,051	19,838	19,373	85	91	7 972	348,792	1 040,411	2,983	2,518
36	42	96 809	25 724,358	503 617,693	19,577	19,113	86	92	5 848	246,621	691,619	2,804	2,340
37	43	96 629	24 748,512	477 893,335	19,310	18,846	87	93	4 147	168,565	444,998	2,640	2,175
38	44	96 432	23 805,273	453 144,824	19,035	18,571	88	94	2 822	110,577	276,433	2,500	2,035
39	45	96 219	22 894,220	429 339,550	18,753	18,289	89	95	1 856	70,105	165,856	2,366	1,901
40	46	95 976	22 011,003	406 445,331	18,466	18,001	90	96	1 172	42,663	95,751	2,244	1,780
41	47	95 697	21 153,641	384 434,328	18,173	17,709	91	97	716	25,126	53,088	2,113	1,648
42	48	95 389	20 323,435	363 280,687	17,875	17,411	92	98	413	13,973	27,962	2,001	1,537
43	49	95 059	19 521,025	342 957,252	17,569	17,104	93	99	225	7,334	13,989	1,907	1,443
44	50	94 677	18 739,974	323 436,227	17,259	16,795	94	100	116	3,655	6,655	1,821	1,356
45	51	94 255	17 982,074	304 696,253	16,944	16,480							
46	52	93 794	17 247,273	286 714,179	16,624	16,159							
47	53	93 276	16 532,153	269 466,906	16,300	15,835							
48	54	92 705	15 837,037	252 934,752	15,971	15,507							
49	55	92 083	15 162,244	237 097,716	15,637	15,173							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 504 104,803	25,144	24,679	50	57	91 048	14 449,898	218 384,260	15,113	14,649
1	8	99 180	95 594,782	2 404 512,395	25,153	24,689	51	58	90 285	13 810,891	203 934,362	14,766	14,302
2	9	99 138	92 101,033	2 308 917,612	25,069	24,605	52	59	89 442	13 187,387	190 123,471	14,417	13,953
3	10	99 113	88 749,358	2 216 816,579	24,978	24,514	53	60	88 546	12 583,465	176 936,084	14,061	13,597
4	11	99 090	85 521,744	2 128 067,221	24,883	24,419	54	61	87 557	11 993,117	164 352,619	13,704	13,239
5	12	99 068	82 412,173	2 042 545,477	24,785	24,320	55	62	86 501	11 420,254	152 359,502	13,341	12,877
6	13	99 049	79 418,141	1 960 133,304	24,681	24,217	56	63	85 365	10 862,946	140 939,248	12,974	12,510
7	14	99 028	76 532,006	1 880 715,163	24,574	24,110	57	64	84 164	10 323,012	130 076,302	12,601	12,136
8	15	99 007	73 749,524	1 804 183,157	24,464	23,999	58	65	82 893	9 799,619	119 753,289	12,220	11,756
9	16	98 984	71 067,409	1 730 433,633	24,349	23,885	59	66	81 524	9 289,410	109 953,671	11,836	11,372
10	17	98 959	68 481,817	1 659 366,223	24,231	23,766	60	67	80 078	8 794,828	100 664,260	11,446	10,981
11	18	98 933	65 989,083	1 590 884,407	24,108	23,644	61	68	78 514	8 311,412	91 869,433	11,053	10,589
12	19	98 902	63 583,859	1 524 895,324	23,982	23,518	62	69	76 871	7 843,352	83 558,021	10,653	10,189
13	20	98 870	61 266,060	1 461 311,465	23,852	23,387	63	70	75 094	7 385,022	75 714,669	10,252	9,788
14	21	98 841	59 033,996	1 400 045,405	23,716	23,251	64	71	73 222	6 940,675	68 329,647	9,845	9,380
15	22	98 803	56 878,556	1 341 011,409	23,577	23,112	65	72	71 206	6 505,678	61 388,972	9,436	8,972
16	23	98 761	54 799,159	1 284 132,853	23,433	22,969	66	73	69 012	6 077,273	54 883,294	9,031	8,566
17	24	98 709	52 790,795	1 229 333,694	23,287	22,822	67	74	66 685	5 660,113	48 806,020	8,623	8,158
18	25	98 653	50 853,755	1 176 542,899	23,136	22,671	68	75	64 217	5 253,657	43 145,907	8,213	7,748
19	26	98 576	48 977,512	1 125 689,144	22,984	22,519	69	76	61 553	4 853,642	37 892,250	7,807	7,343
20	27	98 496	47 168,892	1 076 711,632	22,827	22,362	70	77	58 696	4 461,061	33 038,608	7,406	6,942
21	28	98 412	45 425,104	1 029 542,740	22,665	22,200	71	78	55 652	4 076,828	28 577,547	7,010	6,545
22	29	98 331	43 747,177	984 117,636	22,496	22,031	72	79	52 411	3 700,650	24 500,718	6,621	6,156
23	30	98 248	42 130,540	940 370,459	22,320	21,856	73	80	48 975	3 333,083	20 800,069	6,240	5,776
24	31	98 167	40 574,246	898 239,918	22,138	21,674	74	81	45 349	2 974,746	17 466,985	5,872	5,407
25	32	98 078	39 072,434	857 665,672	21,951	21,486	75	82	41 549	2 626,939	14 492,239	5,517	5,052
26	33	97 986	37 624,822	818 593,238	21,757	21,292	76	83	37 630	2 293,151	11 865,300	5,174	4,710
27	34	97 891	36 229,629	780 968,416	21,556	21,092	77	84	33 631	1 975,420	9 572,149	4,846	4,381
28	35	97 789	34 883,860	744 738,787	21,349	20,885	78	85	29 595	1 675,524	7 596,729	4,534	4,070
29	36	97 687	33 587,842	709 854,928	21,134	20,670	79	86	25 565	1 395,029	5 921,206	4,245	3,780
30	37	97 579	32 337,909	676 267,086	20,913	20,448	80	87	21 695	1 141,064	4 526,177	3,967	3,502
31	38	97 463	31 131,957	643 929,177	20,684	20,219	81	88	17 903	907,594	3 385,113	3,730	3,265
32	39	97 333	29 966,786	612 797,220	20,449	19,985	82	89	14 485	707,763	2 477,519	3,500	3,036
33	40	97 192	28 841,788	582 830,434	20,208	19,743	83	90	11 434	538,512	1 769,756	3,286	2,822
34	41	97 052	27 759,324	553 988,645	19,957	19,492	84	91	8 860	402,205	1 231,244	3,061	2,597
35	42	96 893	26 712,141	526 229,321	19,700	19,236	85	92	6 592	288,401	829,039	2,875	2,410
36	43	96 718	25 700,024	499 517,180	19,436	18,972	86	93	4 743	200,014	540,638	2,703	2,239
37	44	96 527	24 722,388	473 817,155	19,166	18,701	87	94	3 289	133,692	340,624	2,548	2,083
38	45	96 323	23 778,354	449 094,767	18,887	18,422	88	95	2 186	85,654	206,932	2,416	1,951
39	46	96 089	22 863,254	425 316,413	18,603	18,138	89	96	1 403	52,968	121,279	2,290	1,825
40	47	95 827	21 976,866	402 453,160	18,313	17,848	90	97	863	31,401	68,311	2,175	1,711
41	48	95 531	21 116,931	380 476,294	18,018	17,553	91	98	513	17,991	36,911	2,052	1,587
42	49	95 212	20 285,776	359 359,363	17,715	17,250	92	99	287	9,721	18,919	1,946	1,482
43	50	94 860	19 480,185	339 073,587	17,406	16,942	93	100	152	4,951	9,198	1,858	1,393
44	51	94 456	18 696,189	319 593,402	17,094	16,630							
45	52	94 020	17 937,285	300 897,213	16,775	16,311							
46	53	93 534	17 199,484	282 959,928	16,452	15,987							
47	54	92 993	16 481,909	265 760,444	16,124	15,660							
48	55	92 410	15 786,578	249 278,535	15,791	15,326							
49	56	91 752	15 107,697	233 491,958	15,455	14,991							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 499 267,301	25,097	24,633	50	58	90 672	14 390,274	214 615,288	14,914	14,449
1	9	99 173	95 588,845	2 399 683,213	25,104	24,640	51	59	89 873	13 747,918	200 225,015	14,564	14,100
2	10	99 132	92 095,186	2 304 094,368	25,019	24,554	52	60	89 014	13 124,373	186 477,097	14,208	13,744
3	11	99 105	88 742,209	2 211 999,182	24,926	24,462	53	61	88 062	12 514,660	173 352,723	13,852	13,388
4	12	99 082	85 514,952	2 123 256,974	24,829	24,365	54	62	87 059	11 924,931	160 838,063	13,488	13,023
5	13	99 060	82 405,856	2 037 742,022	24,728	24,264	55	63	85 958	11 348,595	148 913,133	13,122	12,657
6	14	99 039	79 410,328	1 955 336,166	24,623	24,159	56	64	84 796	10 790,505	137 564,538	12,749	12,284
7	15	99 016	76 522,532	1 875 925,837	24,515	24,050	57	65	83 559	10 248,730	126 774,033	12,370	11,905
8	16	98 993	73 739,527	1 799 403,305	24,402	23,938	58	66	82 251	9 723,746	116 525,303	11,984	11,519
9	17	98 968	71 055,984	1 725 663,779	24,286	23,822	59	67	80 854	9 213,054	106 801,558	11,592	11,128
10	18	98 942	68 469,795	1 654 607,794	24,166	23,701	60	68	79 356	8 715,501	97 588,504	11,197	10,733
11	19	98 911	65 974,668	1 586 137,999	24,042	23,577	61	69	77 745	8 230,001	88 873,002	10,799	10,334
12	20	98 881	63 570,185	1 520 163,331	23,913	23,449	62	70	76 028	7 757,329	80 643,002	10,396	9,931
13	21	98 849	61 253,134	1 456 593,146	23,780	23,315	63	71	74 196	7 296,784	72 885,673	9,989	9,524
14	22	98 819	59 021,236	1 395 340,012	23,641	23,177	64	72	72 245	6 848,066	65 588,889	9,578	9,113
15	23	98 780	56 865,486	1 336 318,777	23,500	23,035	65	73	70 105	6 405,002	58 740,823	9,171	8,707
16	24	98 738	54 786,695	1 279 453,291	23,353	22,889	66	74	67 816	5 971,921	52 335,821	8,764	8,299
17	25	98 686	52 778,792	1 224 666,596	23,204	22,739	67	75	65 396	5 550,737	46 363,900	8,353	7,888
18	26	98 631	50 842,423	1 171 887,803	23,049	22,585	68	76	62 787	5 136,600	40 813,163	7,946	7,481
19	27	98 550	48 964,427	1 121 045,380	22,895	22,431	69	77	59 992	4 730,613	35 676,563	7,542	7,077
20	28	98 470	47 156,717	1 072 080,953	22,734	22,270	70	78	56 996	4 331,894	30 945,950	7,144	6,679
21	29	98 386	45 413,306	1 024 924,237	22,569	22,104	71	79	53 801	3 941,241	26 614,056	6,753	6,288
22	30	98 303	43 735,043	979 510,931	22,396	21,932	72	80	50 443	3 561,688	22 672,815	6,366	5,901
23	31	98 221	42 118,978	935 775,888	22,217	21,753	73	81	46 851	3 188,517	19 111,127	5,994	5,529
24	32	98 135	40 561,018	893 656,910	22,032	21,568	74	82	43 105	2 827,509	15 922,610	5,631	5,167
25	33	98 044	39 058,902	853 095,892	21,841	21,377	75	83	39 186	2 477,551	13 095,102	5,286	4,821
26	34	97 951	37 611,210	814 036,990	21,643	21,179	76	84	35 185	2 144,190	10 617,551	4,952	4,487
27	35	97 851	36 214,926	776 425,780	21,439	20,975	77	85	31 143	1 829,267	8 473,361	4,632	4,168
28	36	97 748	34 868,994	740 210,855	21,228	20,764	78	86	27 071	1 532,609	6 644,094	4,335	3,871
29	37	97 642	33 572,179	705 341,861	21,010	20,545	79	87	23 094	1 260,201	5 111,485	4,056	3,592
30	38	97 527	32 320,876	671 769,682	20,784	20,320	80	88	19 207	1 010,228	3 851,284	3,812	3,348
31	39	97 405	31 113,603	639 448,805	20,552	20,088	81	89	15 657	793,726	2 841,056	3,579	3,115
32	40	97 264	29 945,712	608 335,202	20,315	19,850	82	90	12 460	608,839	2 047,330	3,363	2,898
33	41	97 123	28 821,230	578 389,491	20,068	19,604	83	91	9 740	458,707	1 438,491	3,136	2,672
34	42	96 971	27 736,257	549 568,261	19,814	19,350	84	92	7 326	332,565	979,784	2,946	2,482
35	43	96 801	26 686,873	521 832,004	19,554	19,089	85	93	5 346	233,898	647,219	2,767	2,303
36	44	96 615	25 672,897	495 145,131	19,287	18,822	86	94	3 762	158,635	413,321	2,605	2,141
37	45	96 418	24 694,432	469 472,234	19,011	18,547	87	95	2 548	103,559	254,686	2,459	1,995
38	46	96 193	23 746,192	444 777,802	18,730	18,266	88	96	1 652	64,716	151,128	2,335	1,871
39	47	95 940	22 827,795	421 031,610	18,444	17,979	89	97	1 032	38,985	86,412	2,217	1,752
40	48	95 661	21 938,727	398 203,816	18,151	17,686	90	98	618	22,484	47,427	2,109	1,645
41	49	95 354	21 077,802	376 265,089	17,851	17,387	91	99	357	12,517	24,943	1,993	1,528
42	50	95 013	20 243,337	355 187,287	17,546	17,081	92	100	194	6,563	12,426	1,893	1,429
43	51	94 638	19 434,671	334 943,950	17,234	16,770							
44	52	94 221	18 649,621	315 509,280	16,918	16,453							
45	53	93 760	17 887,583	296 859,659	16,596	16,131							
46	54	93 249	17 147,212	278 972,076	16,269	15,805							
47	55	92 696	16 429,395	261 824,864	15,936	15,472							
48	56	92 077	15 729,785	245 395,469	15,601	15,136							
49	57	91 404	15 050,396	229 665,684	15,260	14,795							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 494 113,453	25,047	24,582	50	59	90 259	14 324,659	210 624,993	14,704	14,239
1	10	99 167	95 582,776	2 394 535,550	25,052	24,588	51	60	89 444	13 682,226	196 300,334	14,347	13,883
2	11	99 124	92 087,767	2 298 952,773	24,965	24,500	52	61	88 528	13 052,611	182 618,108	13,991	13,527
3	12	99 097	88 735,161	2 206 865,006	24,870	24,406	53	62	87 561	12 443,508	169 565,497	13,627	13,162
4	13	99 074	85 508,397	2 118 129,846	24,771	24,307	54	63	86 513	11 850,104	157 121,988	13,259	12,795
5	14	99 050	82 397,750	2 032 621,449	24,668	24,204	55	64	85 385	11 272,915	145 271,884	12,887	12,422
6	15	99 027	79 400,498	1 950 223,699	24,562	24,097	56	65	84 186	10 712,859	133 998,969	12,508	12,044
7	16	99 003	76 512,159	1 870 823,202	24,451	23,987	57	66	82 912	10 169,379	123 286,110	12,123	11,659
8	17	98 977	73 727,672	1 794 311,043	24,337	23,873	58	67	81 575	9 643,819	113 116,731	11,729	11,265
9	18	98 950	71 043,512	1 720 583,371	24,219	23,754	59	68	80 125	9 129,955	103 472,912	11,333	10,869
10	19	98 920	68 454,839	1 649 539,859	24,097	23,632	60	69	78 579	8 630,132	94 342,957	10,932	10,467
11	20	98 890	65 960,480	1 581 085,020	24,417	23,506	61	70	76 893	8 139,737	85 712,825	10,530	10,066
12	21	98 860	63 556,772	1 515 124,540	23,839	23,374	62	71	75 120	7 664,643	77 573,088	10,121	9,656
13	22	98 828	61 239,894	1 451 567,768	23,703	23,239	63	72	73 206	7 199,423	69 908,445	9,710	9,246
14	23	98 797	59 007,673	1 390 327,875	23,562	23,097	64	73	71 127	6 742,091	62 709,022	9,301	8,837
15	24	98 758	56 852,552	1 331 320,201	23,417	22,953	65	74	68 889	6 293,968	55 966,931	8,892	8,428
16	25	98 716	54 774,239	1 274 467,650	23,268	22,803	66	75	66 505	5 856,520	49 672,963	8,482	8,017
17	26	98 664	52 767,031	1 219 693,411	23,115	22,650	67	76	63 939	5 427,060	43 816,443	8,074	7,609
18	27	98 604	50 828,840	1 166 926,380	22,958	22,494	68	77	61 195	5 006,399	38 389,383	7,668	7,204
19	28	98 524	48 951,788	1 116 097,540	22,800	22,336	69	78	58 255	4 593,642	33 382,985	7,267	6,803
20	29	98 445	47 144,468	1 067 145,752	22,636	22,171	70	79	55 101	4 187,824	28 789,343	6,875	6,410
21	30	98 359	45 400,710	1 020 001,284	22,467	22,002	71	80	51 781	3 793,245	24 601,519	6,486	6,021
22	31	98 276	43 723,041	974 600,574	22,290	21,826	72	81	48 255	3 407,206	20 808,274	6,107	5,643
23	32	98 189	42 105,246	930 877,533	22,108	21,644	73	82	44 532	3 030,699	17 401,068	5,742	5,277
24	33	98 101	40 546,970	888 772,287	21,920	21,455	74	83	40 653	2 666,714	14 370,370	5,389	4,924
25	34	98 009	39 044,770	848 225,317	21,724	21,260	75	84	36 640	2 316,612	11 703,655	5,052	4,588
26	35	97 911	37 595,946	809 180,547	21,523	21,059	76	85	32 582	1 985,550	9 387,044	4,728	4,263
27	36	97 810	36 199,493	771 584,601	21,315	20,850	77	86	28 487	1 673,239	7 401,493	4,423	3,959
28	37	97 702	34 852,734	735 385,108	21,100	20,635	78	87	24 455	1 384,485	5 728,255	4,137	3,673
29	38	97 590	33 554,497	700 532,374	20,877	20,413	79	88	20 446	1 115,705	4 343,770	3,893	3,429
30	39	97 470	32 301,821	666 977,877	20,648	20,184	80	89	16 798	883,483	3 228,065	3,654	3,189
31	40	97 337	31 091,722	634 676,056	20,413	19,949	81	90	13 469	682,788	2 344,583	3,434	2,969
32	41	97 195	29 924,366	603 584,335	20,170	19,706	82	91	10 614	518,612	1 661,795	3,204	2,740
33	42	97 042	28 797,280	573 659,968	19,921	19,456	83	92	8 053	379,284	1 143,184	3,014	2,550
34	43	96 880	27 710,020	544 862,688	19,663	19,199	84	93	5 942	269,716	763,899	2,832	2,368
35	44	96 699	26 658,704	517 152,668	19,399	18,935	85	94	4 240	185,508	494,183	2,664	2,200
36	45	96 506	25 643,865	490 493,964	19,127	18,663	86	95	2 914	122,880	308,675	2,512	2,048
37	46	96 288	24 661,031	464 850,099	18,850	18,385	87	96	1 925	78,244	185,795	2,375	1,910
38	47	96 043	23 709,363	440 189,068	18,566	18,102	88	97	1 216	47,631	107,551	2,258	1,794
39	48	95 774	22 788,179	416 479,704	18,276	17,812	89	98	739	27,915	59,920	2,147	1,682
40	49	95 484	21 898,075	393 691,525	17,978	17,514	90	99	430	15,643	32,005	2,046	1,582
41	50	95 154	21 033,706	371 793,450	17,676	17,212	91	100	241	8,450	16,362	1,936	1,472
42	51	94 791	20 196,039	350 759,745	17,368	16,903							
43	52	94 402	19 386,263	330 563,706	17,051	16,587							
44	53	93 960	18 597,946	311 177,442	16,732	16,267							
45	54	93 475	17 833,220	292 579,497	16,406	15,942							
46	55	92 952	17 092,578	274 746,277	16,074	15,610							
47	56	92 363	16 370,290	257 653,699	15,739	15,275							
48	57	91 728	15 670,123	241 283,409	15,398	14,933							
49	58	91 027	14 988,293	225 613,286	15,053	14,588							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 488 629,511	24,993	24,529	50	60	89 828	14 256,211	206 411,775	14,479	14,014
1	11	99 159	95 575,076	2 389 057,929	24,997	24,532	51	61	88 955	13 607,413	192 155,564	14,121	13,657
2	12	99 116	92 080,453	2 293 482,853	24,907	24,443	52	62	88 024	12 978,401	178 548,151	13,757	13,293
3	13	99 089	88 728,359	2 201 402,400	24,811	24,346	53	63	87 012	12 365,428	165 569,750	13,390	12,925
4	14	99 065	85 499,985	2 112 674,041	24,710	24,245	54	64	85 936	11 771,080	153 204,322	13,015	12,551
5	15	99 038	82 387,549	2 027 174,056	24,605	24,141	55	65	84 771	11 191,797	141 433,242	12,637	12,173
6	16	99 013	79 389,734	1 944 786,507	24,497	24,032	56	66	83 534	10 629,915	130 241,445	12,252	11,788
7	17	98 987	76 499,858	1 865 396,773	24,384	23,920	57	67	82 230	10 085,790	119 611,530	11,859	11,395
8	18	98 960	73 714,730	1 788 896,915	24,268	23,803	58	68	80 840	9 556,835	109 525,740	11,460	10,996
9	19	98 929	71 027,993	1 715 182,184	24,148	23,684	59	69	79 340	9 040,526	99 968,905	11,058	10,593
10	20	98 899	68 440,118	1 644 154,191	24,023	23,559	60	70	77 717	8 535,480	90 928,379	10,653	10,189
11	21	98 869	65 946,563	1 575 714,074	23,894	23,429	61	71	75 974	8 042,481	82 392,899	10,245	9,780
12	22	98 838	63 543,034	1 509 767,511	23,760	23,295	62	72	74 117	7 562,373	74 350,418	9,832	9,367
13	23	98 805	61 225,821	1 446 224,476	23,621	23,157	63	73	72 073	7 088,011	66 788,044	9,423	8,958
14	24	98 774	58 994,251	1 384 998,655	23,477	23,012	64	74	69 894	6 625,214	59 700,033	9,011	8,547
15	25	98 735	56 839,626	1 326 004,404	23,329	22,864	65	75	67 558	6 172,343	53 074,819	8,599	8,134
16	26	98 694	54 762,033	1 269 164,778	23,176	22,712	66	76	65 023	5 726,030	46 902,476	8,191	7,727
17	27	98 638	52 752,934	1 214 402,745	23,021	22,556	67	77	62 319	5 289,497	41 176,446	7,785	7,320
18	28	98 579	50 815,720	1 161 649,811	22,860	22,396	68	78	59 423	4 861,442	35 886,950	7,382	6,918
19	29	98 499	48 939,073	1 110 834,091	22,698	22,234	69	79	56 318	4 440,866	31 025,508	6,986	6,522
20	30	98 418	47 131,392	1 061 895,018	22,531	22,066	70	80	53 031	4 030,568	26 584,642	6,596	6,131
21	31	98 332	45 388,250	1 014 763,626	22,357	21,893	71	81	49 535	3 628,720	22 554,074	6,215	5,751
22	32	98 244	43 708,786	969 375,376	22,178	21,714	72	82	45 867	3 238,564	18 925,354	5,844	5,379
23	33	98 155	42 090,663	925 666,590	21,992	21,528	73	83	42 000	2 858,350	15 686,790	5,488	5,024
24	34	98 065	40 532,301	883 575,927	21,799	21,335	74	84	38 013	2 493,487	12 828,441	5,145	4,680
25	35	97 969	39 028,925	843 043,626	21,600	21,136	75	85	33 930	2 145,215	10 334,954	4,818	4,353
26	36	97 869	37 579,924	804 014,701	21,395	20,930	76	86	29 803	1 816,192	8 189,738	4,509	4,045
27	37	97 764	36 182,612	766 434,777	21,182	20,718	77	87	25 733	1 511,522	6 373,546	4,217	3,752
28	38	97 651	34 834,377	730 252,164	20,964	20,499	78	88	21 651	1 225,738	4 862,024	3,967	3,502
29	39	97 533	33 534,714	695 417,788	20,737	20,273	79	89	17 881	975,726	3 636,286	3,727	3,262
30	40	97 401	32 279,104	661 883,074	20,505	20,041	80	90	14 450	759,999	2 660,560	3,501	3,036
31	41	97 267	31 069,560	629 603,969	20,264	19,800	81	91	11 473	581,601	1 900,561	3,268	2,803
32	42	97 114	29 899,500	598 534,409	20,018	19,554	82	92	8 776	428,817	1 318,960	3,076	2,611
33	43	96 950	28 770,040	568 634,909	19,765	19,300	83	93	6 531	307,606	890,143	2,894	2,429
34	44	96 777	27 680,770	539 864,870	19,503	19,039	84	94	4 712	213,916	582,537	2,723	2,259
35	45	96 590	26 628,558	512 184,099	19,234	18,770	85	95	3 284	143,696	368,621	2,565	2,101
36	46	96 376	25 609,180	485 555,541	18,960	18,496	86	96	2 202	92,842	224,925	2,423	1,958
37	47	96 138	24 622,784	459 946,361	18,680	18,215	87	97	1 417	57,588	132,083	2,294	1,829
38	48	95 877	23 668,218	435 323,577	18,393	17,928	88	98	871	34,106	74,494	2,184	1,720
39	49	95 596	22 745,953	411 655,359	18,098	17,634	89	99	514	19,421	40,388	2,080	1,615
40	50	95 284	21 852,263	388 909,406	17,797	17,333	90	100	290	10,560	20,967	1,985	1,521
41	51	94 932	20 984,561	367 057,144	17,492	17,027							
42	52	94 555	20 145,735	346 072,582	17,178	16,714							
43	53	94 141	19 332,547	325 926,847	16,859	16,395							
44	54	93 674	18 541,423	306 594,300	16,536	16,071							
45	55	93 177	17 776,400	288 052,877	16,204	15,740							
46	56	92 618	17 031,087	270 276,477	15,870	15,405							
47	57	92 013	16 308,199	253 245,390	15,529	15,064							
48	58	91 349	15 605,464	236 937,191	15,183	14,719							
49	59	90 612	14 919,952	221 331,727	14,835	14,370							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 482 804,190	24,937	24,472	50	61	89 336	14 178,260	201 971,330	14,245	13,781
1	12	99 151	95 567,486	2 383 240,630	24,938	24,473	51	62	88 449	13 530,049	187 793,071	13,880	13,415
2	13	99 108	92 073,395	2 287 673,144	24,846	24,382	52	63	87 472	12 896,964	174 263,022	13,512	13,048
3	14	99 080	88 719,630	2 195 599,749	24,748	24,283	53	64	86 432	12 282,968	161 366,058	13,137	12,673
4	15	99 052	85 489,401	2 106 880,119	24,645	24,181	54	65	85 317	11 686,378	149 083,090	12,757	12,293
5	16	99 025	82 376,381	2 021 390,718	24,538	24,074	55	66	84 114	11 105,146	137 396,713	12,372	11,908
6	17	98 997	79 376,971	1 939 014,338	24,428	23,963	56	67	82 847	10 542,540	126 291,567	11,979	11,515
7	18	98 969	76 486,430	1 859 637,366	24,313	23,849	57	68	81 489	9 994,820	115 749,027	11,581	11,116
8	19	98 938	73 698,628	1 783 150,937	24,195	23,731	58	69	80 048	9 463,225	105 754,208	11,175	10,711
9	20	98 907	71 012,718	1 709 452,309	24,072	23,608	59	70	78 470	8 941,373	96 290,983	10,769	10,305
10	21	98 878	68 425,677	1 638 439,591	23,945	23,480	60	71	76 788	8 433,496	87 349,611	10,357	9,893
11	22	98 848	65 932,309	1 570 013,913	23,813	23,348	61	72	74 960	7 935,171	78 916,115	9,945	9,481
12	23	98 816	63 528,433	1 504 081,604	23,676	23,211	62	73	72 971	7 445,344	70 980,944	9,534	9,069
13	24	98 783	61 211,895	1 440 553,172	23,534	23,069	63	74	70 824	6 965,137	63 535,600	9,122	8,658
14	25	98 752	58 980,839	1 379 341,277	23,386	22,922	64	75	68 543	6 497,188	56 570,462	8,707	8,242
15	26	98 713	56 826,960	1 320 360,438	23,235	22,770	65	76	66 053	6 034,816	50 073,274	8,297	7,833
16	27	98 667	54 747,403	1 263 533,478	23,079	22,615	66	77	63 375	5 580,888	44 038,458	7,891	7,427
17	28	98 613	52 739,317	1 208 786,075	22,920	22,456	67	78	60 514	5 136,343	38 457,570	7,487	7,023
18	29	98 553	50 802,521	1 156 046,758	22,756	22,291	68	79	57 447	4 699,760	33 321,227	7,090	6,626
19	30	98 471	48 925,499	1 105 244,237	22,590	22,126	69	80	54 203	4 274,109	28 621,467	6,696	6,232
20	31	98 391	47 118,458	1 056 318,738	22,418	21,954	70	81	50 731	3 855,750	24 347,358	6,315	5,850
21	32	98 300	45 373,452	1 009 200,280	22,242	21,778	71	82	47 083	3 449,113	20 491,609	5,941	5,477
22	33	98 210	43 693,647	963 826,828	22,059	21,594	72	83	43 258	3 054,394	17 042,496	5,580	5,115
23	34	98 119	42 075,435	920 133,181	21,869	21,404	73	84	39 272	2 672,674	13 988,102	5,234	4,769
24	35	98 026	40 515,852	878 057,746	21,672	21,208	74	85	35 200	2 309,004	11 315,428	4,901	4,436
25	36	97 927	39 012,293	837 541,894	21,469	21,004	75	86	31 036	1 962,238	9 006,424	4,590	4,125
26	37	97 824	37 562,400	798 529,601	21,259	20,794	76	87	26 922	1 640,660	7 044,186	4,294	3,829
27	38	97 712	36 163,555	760 967,201	21,042	20,578	77	88	22 783	1 338,209	5 403,526	4,038	3,573
28	39	97 593	34 813,840	724 803,646	20,819	20,355	78	89	18 934	1 071,954	4 065,317	3,792	3,328
29	40	97 464	33 511,130	689 989,806	20,590	20,125	79	90	15 382	839,350	2 993,363	3,566	3,102
30	41	97 332	32 256,096	656 478,676	20,352	19,888	80	91	12 308	647,370	2 154,013	3,327	2,863
31	42	97 186	31 043,742	624 222,580	20,108	19,643	81	92	9 486	480,900	1 506,643	3,133	2,669
32	43	97 022	29 871,217	593 178,838	19,858	19,393	82	93	7 117	347,778	1 025,743	2,949	2,485
33	44	96 848	28 739,672	563 307,621	19,600	19,136	83	94	5 180	243,968	677,965	2,779	2,314
34	45	96 668	27 649,468	534 567,950	19,334	18,869	84	95	3 650	165,701	433,998	2,619	2,155
35	46	96 459	26 592,541	506 918,481	19,062	18,598	85	96	2 481	108,570	268,296	2,471	2,007
36	47	96 226	25 569,463	480 325,941	18,785	18,321	86	97	1 620	68,333	159,726	2,337	1,873
37	48	95 972	24 580,053	454 756,478	18,501	18,037	87	98	1 014	41,236	91,394	2,216	1,752
38	49	95 699	23 624,362	430 176,425	18,209	17,745	88	99	606	23,728	50,158	2,114	1,649
39	50	95 396	22 698,367	406 552,064	17,911	17,447	89	100	347	13,111	26,430	2,016	1,551
40	51	95 062	21 801,206	383 853,696	17,607	17,143							
41	52	94 695	20 932,293	362 052,491	17,296	16,832							
42	53	94 293	20 089,915	341 120,198	16,980	16,515							
43	54	93 855	19 273,792	321 030,283	16,656	16,192							
44	55	93 376	18 482,347	301 756,491	16,327	15,862							
45	56	92 842	17 712,449	283 274,144	15,993	15,529							
46	57	92 267	16 966,490	265 561,695	15,652	15,188							
47	58	91 633	16 240,907	248 595,205	15,307	14,842							
48	59	90 933	15 534,309	232 354,298	14,957	14,493							
49	60	90 179	14 848,659	216 819,990	14,602	14,138							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 476 627,969	24,877	24,412	50	62	88 828	14 097,649	197 306,700	13,996	13,531
1	13	99 144	95 560,160	2 377 072,317	24,875	24,411	51	63	87 894	13 445,151	183 209,051	13,626	13,162
2	14	99 099	92 064,337	2 281 512,157	24,782	24,317	52	64	86 889	12 810,959	169 763,900	13,251	12,787
3	15	99 067	88 708,647	2 189 447,819	24,681	24,217	53	65	85 810	12 194,582	156 952,941	12,871	12,406
4	16	99 039	85 477,812	2 100 739,172	24,576	24,112	54	66	84 657	11 595,897	144 758,360	12,484	12,019
5	17	99 009	82 363,138	2 015 261,360	24,468	24,004	55	67	83 423	11 013,864	133 162,463	12,090	11,626
6	18	98 980	79 363,038	1 932 898,223	24,355	23,891	56	68	82 100	10 447,450	122 148,599	11,692	11,227
7	19	98 948	76 469,722	1 853 535,185	24,239	23,774	57	69	80 690	9 896,919	111 701,149	11,286	10,822
8	20	98 917	73 682,779	1 777 065,463	24,118	23,653	58	70	79 170	9 359,435	101 804,230	10,877	10,413
9	21	98 887	70 997,735	1 703 382,684	23,992	23,528	59	71	77 532	8 834,539	92 444,795	10,464	10,000
10	22	98 857	68 410,887	1 632 384,949	23,861	23,397	60	72	75 764	8 320,968	83 610,256	10,048	9,584
11	23	98 825	65 917,158	1 563 974,061	23,726	23,262	61	73	73 800	7 812,373	75 289,288	9,637	9,173
12	24	98 793	63 513,983	1 498 056,903	23,586	23,122	62	74	71 706	7 316,276	67 476,915	9,223	8,758
13	25	98 760	61 197,978	1 434 542,921	23,441	22,977	63	75	69 455	6 830,543	60 160,639	8,808	8,343
14	26	98 730	58 967,695	1 373 344,942	23,290	22,825	64	76	67 016	6 352,423	53 330,096	8,395	7,931
15	27	98 687	56 811,778	1 314 377,247	23,136	22,671	65	77	64 378	5 881,848	46 977,673	7,987	7,522
16	28	98 642	54 733,271	1 257 565,469	22,976	22,512	66	78	61 540	5 419,297	41 095,826	7,583	7,119
17	29	98 587	52 725,618	1 202 832,198	22,813	22,349	67	79	58 502	4 965,518	35 676,528	7,185	6,720
18	30	98 526	50 788,430	1 150 106,580	22,645	22,181	68	80	55 290	4 523,281	30 711,010	6,790	6,325
19	31	98 444	48 912,072	1 099 318,149	22,475	22,011	69	81	51 852	4 088,727	26 187,729	6,405	5,940
20	32	98 358	47 103,096	1 050 406,077	22,300	21,836	70	82	48 220	3 664,906	22 099,002	6,030	5,565
21	33	98 266	45 357,737	1 003 302,981	22,120	21,655	71	83	44 405	3 252,970	18 434,096	5,667	5,202
22	34	98 175	43 677,839	957 945,244	21,932	21,468	72	84	40 448	2 855,983	15 181,126	5,316	4,851
23	35	98 080	42 058,360	914 267,404	21,738	21,274	73	85	36 366	2 474,934	12 325,143	4,980	4,516
24	36	97 984	40 498,586	872 209,044	21,537	21,072	74	86	32 198	2 112,057	9 850,210	4,664	4,199
25	37	97 882	38 994,101	831 710,459	21,329	20,865	75	87	28 036	1 772,591	7 738,153	4,365	3,901
26	38	97 772	37 542,616	792 716,358	21,115	20,651	76	88	23 835	1 452,539	5 965,562	4,107	3,643
27	39	97 655	36 142,234	755 173,742	20,894	20,430	77	89	19 924	1 170,315	4 513,023	3,856	3,392
28	40	97 524	34 789,356	719 031,508	20,668	20,204	78	90	16 288	922,128	3 342,708	3,625	3,161
29	41	97 395	33 487,244	684 242,151	20,433	19,968	79	91	13 102	714,961	2 420,580	3,386	2,921
30	42	97 251	32 229,292	650 754,908	20,191	19,727	80	92	10 177	535,282	1 705,619	3,186	2,722
31	43	97 094	31 014,376	618 525,616	19,943	19,479	81	93	7 693	390,018	1 170,337	3,001	2,536
32	44	96 920	29 839,686	587 511,240	19,689	19,224	82	94	5 645	275,828	780,319	2,829	2,365
33	45	96 738	28 707,172	557 671,553	19,426	18,962	83	95	4 013	188,979	504,491	2,670	2,205
34	46	96 537	27 612,071	528 964,381	19,157	18,693	84	96	2 758	125,196	315,512	2,520	2,056
35	47	96 310	26 551,298	501 352,311	18,882	18,418	85	97	1 826	79,909	190,316	2,382	1,917
36	48	96 059	25 525,089	474 801,013	18,601	18,137	86	98	1 160	48,929	110,407	2,256	1,792
37	49	95 794	24 534,507	449 275,923	18,312	17,848	87	99	706	28,689	61,478	2,143	1,679
38	50	95 499	23 574,938	424 741,417	18,017	17,552	88	100	409	16,019	32,789	2,047	1,582
39	51	95 173	22 645,333	401 166,479	17,715	17,251							
40	52	94 825	21 746,903	378 521,145	17,406	16,941							
41	53	94 433	20 874,293	356 774,242	17,092	16,627							
42	54	94 006	20 028,858	335 899,949	16,771	16,306							
43	55	93 556	19 212,383	315 871,091	16,441	15,977							
44	56	93 040	18 415,856	296 658,709	16,109	15,644							
45	57	92 490	17 645,268	278 242,852	15,769	15,304							
46	58	91 886	16 896,481	260 597,585	15,423	14,959							
47	59	91 215	16 166,854	243 701,103	15,074	14,610							
48	60	90 498	15 460,080	227 534,249	14,718	14,253							
49	61	89 686	14 767,469	212 074,169	14,361	13,896							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 470 089,602	24,813	24,349	50	63	88 271	14 009,190	192 414,452	13,735	13,270
1	14	99 134	95 550,760	2 370 541,581	24,809	24,345	51	64	87 308	13 355,490	178 405,262	13,358	12,894
2	15	99 086	92 052,940	2 274 990,821	24,714	24,250	52	65	86 263	12 718,774	165 049,773	12,977	12,512
3	16	99 054	88 696,622	2 182 937,881	24,611	24,147	53	66	85 145	12 100,166	152 330,999	12,589	12,125
4	17	99 023	85 464,070	2 094 241,259	24,504	24,040	54	67	83 961	11 500,581	140 230,833	12,193	11,729
5	18	98 991	82 348,680	2 008 777,189	24,394	23,929	55	68	82 670	10 914,523	128 730,252	11,794	11,330
6	19	98 958	79 345,702	1 926 428,509	24,279	23,815	56	69	81 296	10 345,116	117 815,729	11,389	10,924
7	20	98 927	76 453,277	1 847 082,808	24,160	23,695	57	70	79 805	9 788,373	107 470,613	10,979	10,515
8	21	98 896	73 667,233	1 770 629,531	24,036	23,571	58	71	78 224	9 247,607	97 682,240	10,563	10,099
9	22	98 865	70 982,389	1 696 962,298	23,907	23,442	59	72	76 498	8 716,660	88 434,634	10,145	9,681
10	23	98 834	68 395,167	1 625 979,909	23,773	23,309	60	73	74 591	8 192,200	79 717,974	9,731	9,267
11	24	98 803	65 902,165	1 557 584,742	23,635	23,170	61	74	72 521	7 676,942	71 525,774	9,317	8,853
12	25	98 771	63 499,543	1 491 682,577	23,491	23,027	62	75	70 320	7 174,896	63 848,832	8,899	8,434
13	26	98 738	61 184,341	1 428 183,034	23,342	22,878	63	76	67 908	6 678,350	56 673,936	8,486	8,022
14	27	98 703	58 951,942	1 366 998,694	23,188	22,724	64	77	65 317	6 191,404	49 995,586	8,075	7,611
15	28	98 662	56 797,113	1 308 046,752	23,030	22,566	65	78	62 514	5 711,543	43 804,182	7,669	7,205
16	29	98 616	54 719,055	1 251 249,639	22,867	22,402	66	79	59 493	5 239,062	38 092,639	7,271	6,806
17	30	98 560	52 710,994	1 196 530,584	22,700	22,235	67	80	56 305	4 779,060	32 853,577	6,874	6,410
18	31	98 499	50 774,492	1 143 819,590	22,527	22,063	68	81	52 892	4 327,092	28 074,517	6,488	6,024
19	32	98 412	48 896,126	1 093 045,098	22,354	21,890	69	82	49 286	3 886,352	23 747,426	6,110	5,646
20	33	98 324	47 086,782	1 044 148,972	22,175	21,711	70	83	45 478	3 456,491	19 861,073	5,746	5,282
21	34	98 230	45 341,327	997 062,190	21,990	21,526	71	84	41 521	3 041,660	16 404,582	5,393	4,929
22	35	98 135	43 660,114	951 720,863	21,798	21,334	72	85	37 456	2 644,681	13 362,923	5,053	4,588
23	36	98 038	42 040,437	908 060,749	21,600	21,135	73	86	33 264	2 263,833	10 718,242	4,735	4,270
24	37	97 938	40 479,701	866 020,312	21,394	20,930	74	87	29 086	1 907,930	8 454,408	4,431	3,967
25	38	97 830	38 973,563	825 540,611	21,182	20,718	75	88	24 821	1 569,343	6 546,479	4,171	3,707
26	39	97 715	37 520,482	786 567,049	20,964	20,499	76	89	20 845	1 270,301	4 977,136	3,918	3,454
27	40	97 586	36 116,817	749 046,567	20,740	20,275	77	90	17 140	1 006,741	3 706,836	3,682	3,218
28	41	97 455	34 764,559	712 929,750	20,507	20,043	78	91	13 874	785,472	2 700,095	3,438	2,973
29	42	97 314	33 459,417	678 165,191	20,268	19,804	79	92	10 834	591,170	1 914,622	3,239	2,774
30	43	97 159	32 198,805	644 705,775	20,023	19,558	80	93	8 254	434,122	1 323,453	3,049	2,584
31	44	96 992	30 981,639	612 506,970	19,770	19,306	81	94	6 102	309,330	889,330	2,875	2,411
32	45	96 810	29 805,943	581 525,331	19,510	19,046	82	95	4 373	213,659	580,000	2,715	2,250
33	46	96 607	28 668,344	551 719,388	19,245	18,780	83	96	3 032	142,784	366,341	2,566	2,101
34	47	96 387	27 569,247	523 051,045	18,972	18,508	84	97	2 030	92,145	223,558	2,426	1,962
35	48	96 142	26 505,220	495 481,798	18,694	18,229	85	98	1 308	57,218	131,412	2,297	1,832
36	49	95 881	25 477,792	468 976,577	18,407	17,943	86	99	807	34,041	74,194	2,180	1,715
37	50	95 593	24 483,179	443 498,785	18,114	17,650	87	100	476	19,368	40,153	2,073	1,609
38	51	95 276	23 519,856	419 015,606	17,815	17,351							
39	52	94 936	22 588,929	395 495,751	17,508	17,044							
40	53	94 562	21 686,646	372 906,822	17,195	16,731							
41	54	94 146	20 810,852	351 220,176	16,877	16,412							
42	55	93 707	19 965,043	330 409,323	16,549	16,085							
43	56	93 219	19 143,265	310 444,281	16,217	15,752							
44	57	92 687	18 346,007	291 301,015	15,878	15,414							
45	58	92 108	17 572,458	272 955,008	15,533	15,069							
46	59	91 467	16 819,439	255 382,550	15,184	14,719							
47	60	90 779	16 089,603	238 563,111	14,827	14,363							
48	61	90 004	15 375,547	222 473,507	14,469	14,005							
49	62	89 176	14 683,509	207 097,961	14,104	13,640							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 463 177,658	24,746	24,282	50	64	87 682	13 915,768	187 296,845	13,459	12,995
1	15	99 122	95 538,931	2 363 639,429	24,740	24,276	51	65	86 680	13 259,386	173 381,077	13,076	12,612
2	16	99 073	92 040,461	2 268 100,498	24,642	24,178	52	66	85 596	12 620,299	160 121,691	12,688	12,223
3	17	99 038	88 682,363	2 176 060,037	24,538	24,073	53	67	84 445	12 000,705	147 501,392	12,291	11,827
4	18	99 006	85 449,068	2 087 377,674	24,428	23,964	54	68	83 204	11 396,850	135 500,686	11,889	11,425
5	19	98 970	82 330,692	2 001 928,606	24,316	23,851	55	69	81 861	10 807,614	124 103,836	11,483	11,019
6	20	98 937	79 328,638	1 919 597,914	24,198	23,734	56	70	80 404	10 231,654	113 296,222	11,073	10,609
7	21	98 906	76 437,146	1 840 269,276	24,076	23,611	57	71	78 852	9 671,419	103 064,568	10,657	10,192
8	22	98 875	73 651,310	1 763 832,130	23,948	23,484	58	72	77 180	9 124,216	93 393,149	10,236	9,771
9	23	98 843	70 966,078	1 690 180,820	23,817	23,352	59	73	75 314	8 581,768	84 268,933	9,820	9,355
10	24	98 812	68 379,610	1 619 214,742	23,680	23,215	60	74	73 298	8 050,184	75 687,165	9,402	8,937
11	25	98 780	65 887,182	1 550 835,132	23,538	23,073	61	75	71 119	7 528,592	67 636,980	8,984	8,520
12	26	98 749	63 485,392	1 484 947,951	23,390	22,926	62	76	68 753	7 015,031	60 108,388	8,569	8,104
13	27	98 712	61 167,995	1 421 462,558	23,239	22,774	63	77	66 187	6 509,069	53 093,357	8,157	7,692
14	28	98 678	58 936,724	1 360 294,564	23,081	22,616	64	78	63 426	6 012,136	46 584,287	7,748	7,284
15	29	98 636	56 782,361	1 301 357,839	22,918	22,454	65	79	60 435	5 521,588	40 572,151	7,348	6,883
16	30	98 589	54 703,878	1 244 575,478	22,751	22,287	66	80	57 259	5 042,332	35 050,563	6,951	6,487
17	31	98 533	52 696,528	1 189 871,600	22,580	22,115	67	81	53 863	4 571,777	30 008,232	6,564	6,099
18	32	98 467	50 757,938	1 137 175,072	22,404	21,939	68	82	50 274	4 112,919	25 436,455	6,185	5,720
19	33	98 378	48 879,191	1 086 417,134	22,227	21,762	69	83	46 483	3 665,344	21 323,536	5,818	5,353
20	34	98 289	47 069,746	1 037 537,943	22,043	21,578	70	84	42 524	3 231,961	17 658,192	5,464	4,999
21	35	98 190	45 322,927	990 468,197	21,854	21,389	71	85	38 449	2 816,620	14 426,232	5,122	4,657
22	36	98 093	43 641,508	945 145,270	21,657	21,193	72	86	34 261	2 419,102	11 609,612	4,799	4,335
23	37	97 992	42 020,832	901 503,762	21,454	20,989	73	87	30 049	2 045,037	9 190,510	4,494	4,030
24	38	97 887	40 458,380	859 482,929	21,244	20,779	74	88	25 751	1 689,163	7 145,473	4,230	3,766
25	39	97 772	38 950,585	819 024,549	21,027	20,563	75	89	21 707	1 372,450	5 456,309	3,976	3,511
26	40	97 646	37 494,096	780 073,964	20,805	20,341	76	90	17 932	1 092,752	4 083,860	3,737	3,273
27	41	97 517	36 091,073	742 579,869	20,575	20,111	77	91	14 600	857,546	2 991,107	3,488	3,024
28	42	97 374	34 735,670	706 488,796	20,339	19,875	78	92	11 472	649,472	2 133,562	3,285	2,821
29	43	97 222	33 427,766	671 753,126	20,096	19,631	79	93	8 786	479,449	1 484,090	3,095	2,631
30	44	97 056	32 164,817	638 325,360	19,845	19,381	80	94	6 546	344,310	1 004,641	2,918	2,453
31	45	96 882	30 946,604	606 160,543	19,587	19,123	81	95	4 727	239,609	660,331	2,756	2,291
32	46	96 680	29 765,628	575 213,939	19,325	18,860	82	96	3 304	161,430	420,722	2,606	2,142
33	47	96 458	28 623,882	545 448,310	19,056	18,591	83	97	2 231	105,090	259,291	2,467	2,003
34	48	96 220	27 521,403	516 824,429	18,779	18,315	84	98	1 453	65,980	154,201	2,337	1,873
35	49	95 964	26 456,107	489 303,026	18,495	18,030	85	99	910	39,808	88,221	2,216	1,752
36	50	95 681	25 424,491	462 846,919	18,205	17,740	86	100	545	22,981	48,413	2,107	1,642
37	51	95 370	24 425,975	437 422,428	17,908	17,444							
38	52	95 039	23 461,273	412 996,453	17,603	17,139							
39	53	94 673	22 526,338	389 535,180	17,292	16,828							
40	54	94 275	21 620,737	367 008,842	16,975	16,510							
41	55	93 846	20 744,546	345 388,105	16,650	16,185							
42	56	93 370	19 893,218	324 643,560	16,319	15,855							
43	57	92 865	19 070,657	304 750,342	15,980	15,516							
44	58	92 304	18 270,306	285 679,685	15,636	15,172							
45	59	91 688	17 492,334	267 409,379	15,287	14,823							
46	60	91 030	16 739,070	249 917,044	14,930	14,466							
47	61	90 283	16 001,627	233 177,974	14,572	14,108							
48	62	89 492	15 288,129	217 176,347	14,206	13,741							
49	63	88 616	14 591,373	201 888,218	13,836	13,372							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 455 883,178	24,676	24,211	50	65	87 051	13 815,632	181 953,610	13,170	12,706
1	16	99 108	95 525,980	2 356 357,272	24,667	24,203	51	66	86 008	13 156,726	168 137,977	12,780	12,315
2	17	99 057	92 025,665	2 260 831,292	24,567	24,103	52	67	84 892	12 516,563	154 981,251	12,382	11,918
3	18	99 021	88 666,796	2 168 805,627	24,460	23,996	53	68	83 684	11 892,463	142 464,687	11,979	11,515
4	19	98 984	85 430,403	2 080 138,832	24,349	23,885	54	69	82 389	11 285,216	130 572,224	11,570	11,106
5	20	98 948	82 312,986	1 994 708,429	24,233	23,769	55	70	80 963	10 689,080	119 287,008	11,160	10,695
6	21	98 916	79 311,901	1 912 395,443	24,112	23,648	56	71	79 444	10 109,404	108 597,928	10,742	10,278
7	22	98 884	76 420,625	1 833 083,542	23,987	23,522	57	72	77 800	9 542,374	98 488,524	10,321	9,857
8	23	98 852	73 634,385	1 756 662,918	23,857	23,392	58	73	75 986	8 983,017	88 946,151	9,902	9,437
9	24	98 820	70 949,936	1 683 028,533	23,721	23,257	59	74	74 008	8 433,000	79 963,133	9,482	9,018
10	25	98 789	68 364,064	1 612 078,596	23,581	23,116	60	75	71 882	7 894,622	71 530,133	9,061	8,596
11	26	98 758	65 872,499	1 543 714,533	23,435	22,970	61	76	69 535	7 360,847	63 635,511	8,645	8,181
12	27	98 722	63 468,431	1 477 842,034	23,285	22,820	62	77	67 010	6 837,216	56 274,665	8,231	7,766
13	28	98 686	61 152,206	1 414 373,602	23,129	22,664	63	78	64 270	6 320,604	49 437,448	7,822	7,357
14	29	98 652	58 921,417	1 353 221,397	22,967	22,502	64	79	61 317	5 812,184	43 116,844	7,418	6,954
15	30	98 609	56 766,612	1 294 299,980	22,800	22,336	65	80	58 166	5 314,249	37 304,660	7,020	6,555
16	31	98 562	54 688,865	1 237 533,368	22,629	22,164	66	81	54 776	4 823,630	31 990,411	6,632	6,168
17	32	98 500	52 679,348	1 182 844,503	22,454	21,989	67	82	51 197	4 345,493	27 166,782	6,252	5,787
18	33	98 433	50 740,359	1 130 165,155	22,273	21,809	68	83	47 415	3 879,026	22 821,289	5,883	5,419
19	34	98 342	48 861,507	1 079 424,797	22,092	21,627	69	84	43 463	3 427,246	18 942,263	5,527	5,063
20	35	98 249	47 050,645	1 030 563,290	21,903	21,439	70	85	39 378	2 992,841	15 515,016	5,184	4,720
21	36	98 148	45 303,612	983 512,646	21,709	21,245	71	86	35 169	2 576,375	12 522,175	4,860	4,396
22	37	98 047	43 621,157	938 209,033	21,508	21,044	72	87	30 950	2 185,299	9 945,799	4,551	4,087
23	38	97 940	41 998,700	894 587,876	21,300	20,836	73	88	26 604	1 810,550	7 760,501	4,286	3,822
24	39	97 829	40 434,527	852 589,176	21,086	20,621	74	89	22 520	1 477,238	5 949,951	4,028	3,563
25	40	97 704	38 923,193	812 154,649	20,866	20,401	75	90	18 673	1 180,624	4 472,713	3,788	3,324
26	41	97 576	37 467,370	773 231,457	20,637	20,173	76	91	15 274	930,810	3 292,089	3,537	3,072
27	42	97 436	36 061,082	735 764,087	20,403	19,939	77	92	12 072	709,066	2 361,279	3,330	2,866
28	43	97 282	34 702,812	699 703,005	20,163	19,698	78	93	9 304	526,733	1 652,212	3,137	2,672
29	44	97 119	33 392,481	665 000,193	19,915	19,450	79	94	6 969	380,259	1 125,480	2,960	2,495
30	45	96 947	32 128,445	631 607,712	19,659	19,194	80	95	5 071	266,705	745,221	2,794	2,330
31	46	96 751	30 904,747	599 479,267	19,398	18,933	81	96	3 571	181,037	478,515	2,643	2,179
32	47	96 530	29 719,464	568 574,520	19,131	18,667	82	97	2 432	118,814	297,478	2,504	2,039
33	48	96 290	28 574,207	538 855,056	18,858	18,394	83	98	1 598	75,249	178,664	2,374	1,910
34	49	96 042	27 470,407	510 280,848	18,576	18,111	84	99	1 011	45,904	103,415	2,253	1,788
35	50	95 764	26 400,759	482 810,442	18,288	17,823	85	100	614	26,874	57,511	2,140	1,676
36	51	95 457	25 365,087	456 409,683	17,994	17,529							
37	52	95 132	24 365,135	431 044,595	17,691	17,227							
38	53	94 775	23 396,265	406 679,460	17,382	16,918							
39	54	94 385	22 457,877	383 283,195	17,067	16,602							
40	55	93 974	21 551,850	360 825,318	16,742	16,278							
41	56	93 508	20 669,917	339 273,469	16,414	15,949							
42	57	93 015	19 817,765	318 603,552	16,077	15,612							
43	58	92 482	18 991,966	298 785,787	15,732	15,268							
44	59	91 884	18 187,000	279 793,821	15,384	14,920							
45	60	91 250	17 408,750	261 606,821	15,027	14,563							
46	61	90 532	16 647,543	244 198,071	14,669	14,204							
47	62	89 770	15 910,650	227 550,528	14,302	13,837							
48	63	88 930	15 192,200	211 639,878	13,931	13,466							
49	64	88 025	14 494,068	196 447,678	13,554	13,089							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 448 197,549	24,602	24,138	50	66	86 377	13 708,666	176 386,591	12,867	12,402
1	17	99 092	95 510,623	2 348 685,135	24,591	24,126	51	67	85 301	13 048,581	162 677,925	12,467	12,003
2	18	99 040	92 009,511	2 253 174,512	24,488	24,024	52	68	84 126	12 403,669	149 629,344	12,063	11,599
3	19	98 999	88 647,428	2 161 165,002	24,379	23,915	53	69	82 864	11 775,975	137 225,675	11,653	11,189
4	20	98 963	85 412,030	2 072 517,574	24,265	23,801	54	70	81 485	11 161,444	125 449,700	11,240	10,775
5	21	98 928	82 295,619	1 987 105,544	24,146	23,682	55	71	79 996	10 561,364	114 288,256	10,821	10,357
6	22	98 895	79 294,758	1 904 809,925	24,022	23,557	56	72	78 384	9 974,514	103 726,892	10,399	9,935
7	23	98 862	76 403,064	1 825 515,167	23,893	23,429	57	73	76 596	9 394,704	93 752,377	9,979	9,515
8	24	98 830	73 617,636	1 749 112,104	23,759	23,295	58	74	74 669	8 827,293	84 357,674	9,556	9,092
9	25	98 798	70 933,805	1 675 494,467	23,621	23,156	59	75	72 578	8 270,040	75 530,380	9,133	8,669
10	26	98 767	68 348,829	1 604 560,662	23,476	23,012	60	76	70 280	7 718,721	67 260,340	8,714	8,249
11	27	98 732	65 854,901	1 536 211,832	23,327	22,863	61	77	67 772	7 174,266	59 541,620	8,299	7,835
12	28	98 697	63 452,048	1 470 356,931	23,173	22,708	62	78	65 070	6 639,250	52 367,353	7,888	7,423
13	29	98 661	61 136,322	1 406 904,883	23,013	22,548	63	79	62 133	6 110,393	45 728,104	7,484	7,019
14	30	98 625	58 905,074	1 345 768,561	22,846	22,382	64	80	59 014	5 593,933	39 617,711	7,082	6,618
15	31	98 581	56 751,033	1 286 863,487	22,676	22,211	65	81	55 643	5 083,753	34 023,778	6,693	6,228
16	32	98 530	54 671,035	1 230 112,454	22,500	22,036	66	82	52 065	4 584,880	28 940,025	6,312	5,848
17	33	98 466	52 661,103	1 175 441,419	22,321	21,856	67	83	48 285	4 098,374	24 355,145	5,943	5,478
18	34	98 397	50 722,001	1 122 780,317	22,136	21,672	68	84	44 335	3 627,048	20 256,771	5,585	5,120
19	35	98 303	48 841,678	1 072 058,316	21,950	21,485	69	85	40 248	3 173,679	16 629,723	5,240	4,775
20	36	98 207	47 030,594	1 023 216,638	21,756	21,292	70	86	36 019	2 737,566	13 456,044	4,915	4,451
21	37	98 103	45 282,486	976 186,044	21,558	21,093	71	87	31 770	2 327,372	10 718,478	4,605	4,141
22	38	97 996	43 598,182	930 903,558	21,352	20,887	72	88	27 401	1 934,729	8 391,106	4,337	3,873
23	39	97 883	41 973,939	887 305,376	21,139	20,675	73	89	23 266	1 583,395	6 456,377	4,078	3,613
24	40	97 760	40 406,091	845 331,437	20,921	20,456	74	90	19 372	1 270,766	4 872,982	3,835	3,370
25	41	97 634	38 895,448	804 925,346	20,695	20,230	75	91	15 906	1 005,660	3 602,216	3,582	3,118
26	42	97 495	37 436,235	766 029,897	20,462	19,998	76	92	12 630	769,646	2 596,556	3,374	2,909
27	43	97 343	36 026,970	728 593,662	20,224	19,759	77	93	9 790	575,065	1 826,911	3,177	2,712
28	44	97 179	34 666,182	692 566,692	19,978	19,514	78	94	7 379	417,761	1 251,846	2,997	2,532
29	45	97 009	33 354,720	657 900,511	19,724	19,260	79	95	5 398	294,552	834,085	2,832	2,367
30	46	96 816	32 084,989	624 545,790	19,465	19,001	80	96	3 831	201,510	539,534	2,677	2,213
31	47	96 601	30 856,816	592 460,802	19,200	18,736	81	97	2 628	133,245	338,024	2,537	2,072
32	48	96 362	29 667,889	561 603,985	18,930	18,465	82	98	1 741	85,076	204,779	2,407	1,943
33	49	96 112	28 521,260	531 936,097	18,651	18,186	83	99	1 112	52,352	119,702	2,286	1,822
34	50	95 841	27 412,936	503 414,836	18,364	17,900	84	100	683	30,989	67,350	2,173	1,709
35	51	95 540	26 339,075	476 001,900	18,072	17,608							
36	52	95 219	25 301,908	449 662,825	17,772	17,307							
37	53	94 869	24 297,623	424 360,917	17,465	17,001							
38	54	94 487	23 325,160	400 063,293	17,152	16,687							
39	55	94 085	22 386,322	376 738,134	16,829	16,365							
40	56	93 636	21 474,316	354 351,811	16,501	16,037							
41	57	93 154	20 591,518	332 877,495	16,166	15,701							
42	58	92 632	19 735,991	312 285,977	15,823	15,359							
43	59	92 061	18 905,370	292 549,986	15,474	15,010							
44	60	91 444	18 100,096	273 644,616	15,118	14,654							
45	61	90 751	17 313,561	255 544,520	14,760	14,295							
46	62	90 017	16 552,894	238 230,959	14,392	13,928							
47	63	89 206	15 810,815	221 678,065	14,021	13,556							
48	64	88 337	15 090,888	205 867,251	13,642	13,177							
49	65	87 392	14 389,772	190 776,362	13,258	12,793							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 440 110,654	24,525	24,060	50	67	85 667	13 595,984	170 598,072	12,548	12,083
1	18	99 075	95 493,857	2 340 614,237	24,511	24,046	51	68	84 532	12 930,888	157 002,088	12,142	11,677
2	19	99 018	91 989,412	2 245 120,380	24,406	23,942	52	69	83 302	12 282,173	144 071,200	11,730	11,266
3	20	98 978	88 628,364	2 153 130,968	24,294	23,830	53	70	81 955	11 646,820	131 789,027	11,315	10,851
4	21	98 942	85 394,009	2 064 502,605	24,176	23,712	54	71	80 511	11 028,085	120 142,207	10,894	10,430
5	22	98 906	82 277,831	1 979 108,595	24,054	23,590	55	72	78 928	10 420,444	109 114,122	10,471	10,007
6	23	98 872	79 276,536	1 896 830,764	23,927	23,462	56	73	77 171	9 820,157	98 693,678	10,050	9,586
7	24	98 839	76 385,685	1 817 554,228	23,794	23,330	57	74	75 268	9 231,843	88 873,521	9,627	9,162
8	25	98 807	73 600,899	1 741 168,543	23,657	23,192	58	75	73 226	8 656,714	79 641,678	9,200	8,736
9	26	98 776	70 917,998	1 667 567,644	23,514	23,050	59	76	70 961	8 085,774	70 984,965	8,779	8,315
10	27	98 741	68 330,569	1 596 649,645	23,367	22,902	60	77	68 499	7 523,069	62 899,191	8,361	7,896
11	28	98 706	65 837,902	1 528 319,076	23,213	22,749	61	78	65 810	6 966,540	55 376,122	7,949	7,484
12	29	98 671	63 435,568	1 462 481,174	23,055	22,590	62	79	62 906	6 418,441	48 409,581	7,542	7,078
13	30	98 633	61 119,365	1 399 045,607	22,890	22,426	63	80	59 800	5 880,944	41 991,140	7,140	6,676
14	31	98 598	58 888,908	1 337 926,241	22,719	22,255	64	81	56 454	5 351,306	36 110,197	6,748	6,283
15	32	98 549	56 732,530	1 279 037,333	22,545	22,081	65	82	52 889	4 832,128	30 758,891	6,365	5,901
16	33	98 496	54 652,100	1 222 304,803	22,365	21,901	66	83	49 104	4 324,148	25 926,762	5,996	5,531
17	34	98 431	52 642,050	1 167 652,703	22,181	21,717	67	84	45 149	3 832,148	21 602,614	5,637	5,173
18	35	98 357	50 701,417	1 115 010,652	21,992	21,527	68	85	41 055	3 358,698	17 770,466	5,291	4,826
19	36	98 261	48 820,863	1 064 309,235	21,800	21,336	69	86	36 815	2 902,979	14 411,768	4,964	4,500
20	37	98 161	47 008,662	1 015 488,372	21,602	21,138	70	87	32 538	2 472,984	11 508,790	4,654	4,189
21	38	98 051	45 258,636	968 479,709	21,399	20,934	71	88	28 127	2 060,512	9 035,806	4,385	3,921
22	39	97 938	43 572,478	923 221,073	21,188	20,724	72	89	23 963	1 691,994	6 975,294	4,123	3,658
23	40	97 814	41 944,420	879 648,595	20,972	20,507	73	90	20 014	1 362,086	5 283,300	3,879	3,414
24	41	97 690	40 377,290	837 704,175	20,747	20,282	74	91	16 502	1 082,443	3 921,214	3,623	3,158
25	42	97 553	38 863,127	797 326,885	20,516	20,052	75	92	13 152	831,536	2 838,771	3,414	2,949
26	43	97 403	37 400,823	758 463,758	20,279	19,815	76	93	10 243	624,196	2 007,236	3,216	2,751
27	44	97 241	35 988,942	721 062,935	20,036	19,571	77	94	7 765	456,094	1 383,040	3,032	2,568
28	45	97 069	34 626,980	685 073,993	19,784	19,320	78	95	5 716	323,601	926,946	2,864	2,400
29	46	96 878	33 309,606	650 447,013	19,527	19,063	79	96	4 078	222,549	603,346	2,711	2,247
30	47	96 665	32 035,228	617 137,408	19,264	18,800	80	97	2 820	148,313	380,797	2,568	2,103
31	48	96 434	30 803,267	585 102,180	18,995	18,530	81	98	1 882	95,410	232,484	2,437	1,972
32	49	96 183	29 612,915	554 298,913	18,718	18,254	82	99	1 211	59,189	137,074	2,316	1,851
33	50	95 911	28 461,592	524 685,998	18,435	17,970	83	100	750	35,343	77,885	2,204	1,739
34	51	95 617	27 348,887	496 224,406	18,144	17,680							
35	52	95 302	26 273,470	468 875,519	17,846	17,382							
36	53	94 955	25 231,801	442 602,049	17,541	17,077							
37	54	94 581	24 223,778	417 370,248	17,230	16,765							
38	55	94 186	23 250,842	393 146,470	16,909	16,444							
39	56	93 746	22 305,787	369 895,627	16,583	16,119							
40	57	93 281	21 392,866	347 589,841	16,248	15,784							
41	58	92 769	20 506,551	326 196,974	15,907	15,443							
42	59	92 209	19 646,002	305 690,423	15,560	15,096							
43	60	91 621	18 815,033	286 044,421	15,203	14,739							
44	61	90 944	18 001,127	267 229,388	14,845	14,381							
45	62	90 235	17 215,125	249 228,260	14,477	14,013							
46	63	89 453	16 449,028	232 013,135	14,105	13,641							
47	64	88 611	15 705,378	215 564,107	13,725	13,261							
48	65	87 702	14 982,297	199 858,729	13,340	12,875							
49	66	86 715	14 278,360	184 876,432	12,948	12,484							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 431 613,531	24,443	23,979	50	68	84 895	13 473,353	164 589,422	12,216	11,751
1	19	99 053	95 472,997	2 332 134,580	24,427	23,963	51	69	83 704	12 804,228	151 116,069	11,802	11,338
2	20	98 997	91 969,630	2 236 661,582	24,320	23,855	52	70	82 389	12 147,466	138 311,841	11,386	10,922
3	21	98 957	88 609,664	2 144 691,953	24,204	23,739	53	71	80 976	11 507,662	126 164,375	10,964	10,499
4	22	98 920	85 375,552	2 056 082,289	24,083	23,618	54	72	79 437	10 880,937	114 656,713	10,537	10,073
5	23	98 883	82 258,924	1 970 706,737	23,957	23,493	55	73	77 707	10 259,186	103 775,776	10,115	9,651
6	24	98 850	79 258,504	1 888 447,813	23,826	23,362	56	74	75 833	9 649,921	93 516,590	9,691	9,226
7	25	98 817	76 368,319	1 809 189,309	23,690	23,226	57	75	73 814	9 053,446	83 866,670	9,264	8,799
8	26	98 785	73 584,498	1 732 820,990	23,549	23,084	58	76	71 594	8 463,832	74 813,223	8,839	8,375
9	27	98 749	70 899,052	1 659 236,492	23,403	22,938	59	77	69 162	7 880,818	66 349,391	8,419	7,955
10	28	98 715	68 312,931	1 588 337,440	23,251	22,786	60	78	66 515	7 305,244	58 468,573	8,004	7,539
11	29	98 681	65 820,801	1 520 024,509	23,093	22,629	61	79	63 621	6 734,846	51 163,329	7,597	7,132
12	30	98 644	63 417,973	1 454 203,708	22,930	22,466	62	80	60 544	6 177,424	44 428,482	7,192	6,728
13	31	98 606	61 102,592	1 390 785,735	22,761	22,297	63	81	57 206	5 625,868	38 251,058	6,799	6,335
14	32	98 566	58 869,709	1 329 683,143	22,587	22,122	64	82	53 660	5 086,439	32 625,190	6,414	5,950
15	33	98 515	56 712,881	1 270 813,434	22,408	21,943	65	83	49 881	4 557,336	27 538,751	6,043	5,578
16	34	98 460	54 632,327	1 214 100,553	22,223	21,759	66	84	45 914	4 043,255	22 981,415	5,684	5,219
17	35	98 391	52 620,687	1 159 468,226	22,034	21,570	67	85	41 808	3 548,623	18 938,159	5,337	4,872
18	36	98 315	50 679,810	1 106 847,538	21,840	21,376	68	86	37 553	3 072,216	15 389,536	5,009	4,545
19	37	98 215	48 798,098	1 056 167,728	21,644	21,179	69	87	33 257	2 622,410	12 317,320	4,697	4,233
20	38	98 110	46 983,903	1 007 369,631	21,441	20,976	70	88	28 807	2 189,428	9 694,910	4,428	3,964
21	39	97 993	45 231,953	960 385,728	21,232	20,768	71	89	24 599	1 801,996	7 505,482	4,165	3,701
22	40	97 869	43 541,835	915 153,774	21,018	20,553	72	90	20 614	1 455,506	5 703,486	3,919	3,454
23	41	97 744	41 914,523	871 611,939	20,795	20,331	73	91	17 048	1 160,229	4 247,980	3,661	3,197
24	42	97 609	40 343,737	829 697,417	20,566	20,101	74	92	13 644	895,024	3 087,751	3,450	2,985
25	43	97 461	38 826,365	789 353,680	20,330	19,866	75	93	10 666	674,389	2 192,727	3,251	2,787
26	44	97 300	37 361,344	750 527,315	20,088	19,624	76	94	8 124	495,060	1 518,338	3,067	2,603
27	45	97 131	35 948,245	713 165,971	19,839	19,374	77	95	6 015	353,294	1 023,277	2,896	2,432
28	46	96 938	34 580,145	677 217,726	19,584	19,120	78	96	4 319	244,497	669,983	2,740	2,276
29	47	96 728	33 257,945	642 637,581	19,323	18,858	79	97	3 002	163,798	425,486	2,598	2,133
30	48	96 498	31 979,633	609 379,636	19,055	18,591	80	98	2 019	106,199	261,688	2,464	2,000
31	49	96 255	30 746,190	577 400,002	18,780	18,315	81	99	1 309	66,378	155,489	2,342	1,878
32	50	95 982	29 550,963	546 653,813	18,499	18,034	82	100	818	39,958	89,111	2,230	1,766
33	51	95 687	28 395,092	517 102,850	18,211	17,747							
34	52	95 379	27 280,767	488 707,758	17,914	17,450							
35	53	95 038	26 200,670	461 426,991	17,611	17,147							
36	54	94 667	25 155,117	435 226,320	17,302	16,837							
37	55	94 279	24 146,598	410 071,204	16,983	16,518							
38	56	93 847	23 167,197	385 924,606	16,658	16,194							
39	57	93 391	22 221,183	362 757,409	16,325	15,860							
40	58	92 896	21 304,593	340 536,226	15,984	15,520							
41	59	92 346	20 413,049	319 231,632	15,639	15,174							
42	60	91 769	19 552,127	298 818,583	15,283	14,819							
43	61	91 120	18 712,155	279 266,457	14,924	14,460							
44	62	90 427	17 898,782	260 554,302	14,557	14,093							
45	63	89 669	17 107,104	242 655,520	14,184	13,720							
46	64	88 856	16 339,336	225 548,416	13,804	13,340							
47	65	87 974	15 592,365	209 209,080	13,417	12,953							
48	66	87 023	14 866,298	193 616,715	13,024	12,559							
49	67	86 002	14 160,995	178 750,417	12,623	12,158							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 422 695,910	24,359	23,895	50	69	84 063	13 341,380	158 366,591	11,870	11,406
1	20	99 032	95 452,466	2 323 238,688	24,339	23,875	51	70	82 786	12 663,795	145 025,211	11,452	10,988
2	21	98 976	91 950,225	2 227 786,223	24,228	23,764	52	71	81 404	12 002,326	132 361,415	11,028	10,564
3	22	98 935	88 590,511	2 135 835,998	24,109	23,645	53	72	79 896	11 354,115	120 359,090	10,600	10,136
4	23	98 898	85 355,933	2 047 245,487	23,985	23,520	54	73	78 208	10 712,553	109 004,975	10,175	9,711
5	24	98 861	82 240,214	1 961 889,554	23,856	23,391	55	74	76 360	10 081,339	98 292,422	9,750	9,286
6	25	98 827	79 240,485	1 879 649,340	23,721	23,256	56	75	74 367	9 463,445	88 211,083	9,321	8,857
7	26	98 795	76 351,301	1 800 408,855	23,581	23,116	57	76	72 169	8 851,725	78 747,638	8,896	8,432
8	27	98 759	73 564,839	1 724 057,555	23,436	22,971	58	77	69 779	8 249,294	69 895,913	8,473	8,009
9	28	98 724	70 880,751	1 650 492,716	23,285	22,821	59	78	67 160	7 652,635	61 646,620	8,056	7,591
10	29	98 690	68 295,188	1 579 611,965	23,129	22,665	60	79	64 303	7 062,285	53 993,985	7,645	7,181
11	30	98 653	65 802,545	1 511 316,777	22,967	22,503	61	80	61 232	6 481,949	46 931,699	7,240	6,776
12	31	98 617	63 400,569	1 445 514,232	22,800	22,335	62	81	57 918	5 909,490	40 449,751	6,845	6,380
13	32	98 574	61 082,671	1 382 113,663	22,627	22,163	63	82	54 374	5 347,412	34 540,261	6,459	5,995
14	33	98 531	58 849,320	1 321 030,993	22,448	21,983	64	83	50 609	4 797,184	29 192,849	6,085	5,621
15	34	98 480	56 692,363	1 262 181,673	22,264	21,799	65	84	46 641	4 261,295	24 395,665	5,725	5,261
16	35	98 420	54 610,156	1 205 489,310	22,074	21,610	66	85	42 517	3 744,112	20 134,369	5,378	4,913
17	36	98 349	52 598,263	1 150 879,153	21,881	21,416	67	86	38 242	3 245,942	16 390,257	5,049	4,585
18	37	98 269	50 656,178	1 098 280,891	21,681	21,217	68	87	33 923	2 775,291	13 144,316	4,736	4,272
19	38	98 163	48 772,396	1 047 624,713	21,480	21,015	69	88	29 443	2 321,720	10 369,024	4,466	4,002
20	39	98 052	46 956,203	998 852,318	21,272	20,808	70	89	25 193	1 914,738	8 047,304	4,203	3,738
21	40	97 924	45 200,143	951 896,115	21,060	20,595	71	90	21 160	1 550,133	6 132,567	3,956	3,492
22	41	97 799	43 510,799	906 695,972	20,838	20,374	72	91	17 559	1 239,805	4 582,433	3,696	3,232
23	42	97 663	41 879,693	863 185,173	20,611	20,147	73	92	14 096	959,342	3 342,628	3,484	3,020
24	43	97 517	40 305,574	821 305,480	20,377	19,913	74	93	11 066	725,879	2 383,286	3,283	2,819
25	44	97 358	38 785,381	780 999,906	20,136	19,672	75	94	8 460	534,870	1 657,406	3,099	2,634
26	45	97 190	37 319,095	742 214,525	19,888	19,424	76	95	6 293	383,478	1 122,537	2,927	2,463
27	46	96 999	35 899,622	704 895,429	19,635	19,171	77	96	4 544	266,932	739,059	2,769	2,304
28	47	96 788	34 526,514	668 995,807	19,376	18,912	78	97	3 179	179,952	472,127	2,624	2,159
29	48	96 560	33 200,229	634 469,293	19,110	18,646	79	98	2 149	117,287	292,175	2,491	2,027
30	49	96 319	31 920,376	601 269,064	18,837	18,372	80	99	1 405	73,885	174,888	2,367	1,903
31	50	96 053	30 681,866	569 348,688	18,557	18,092	81	100	884	44,812	101,004	2,254	1,790
32	51	95 758	29 481,918	538 666,821	18,271	17,807							
33	52	95 448	28 324,366	509 184,903	17,977	17,512							
34	53	95 115	27 205,176	480 860,537	17,675	17,211							
35	54	94 749	26 121,042	453 655,361	17,367	16,903							
36	55	94 365	25 074,969	427 534,319	17,050	16,586							
37	56	93 940	24 059,729	402 459,350	16,728	16,263							
38	57	93 491	23 079,326	378 399,621	16,396	15,931							
39	58	93 005	22 129,493	355 320,295	16,056	15,592							
40	59	92 473	21 207,452	333 190,802	15,711	15,247							
41	60	91 905	20 315,508	311 983,350	15,357	14,892							
42	61	91 267	19 445,218	291 667,842	14,999	14,535							
43	62	90 602	18 605,767	272 222,624	14,631	14,167							
44	63	89 860	17 786,471	253 616,857	14,259	13,795							
45	64	89 071	16 993,023	235 830,385	13,878	13,414							
46	65	88 217	16 221,761	218 837,362	13,490	13,026							
47	66	87 293	15 471,642	202 615,602	13,096	12,632							
48	67	86 307	14 744,100	187 143,959	12,693	12,228							
49	68	85 227	14 033,268	172 399,859	12,285	11,821							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 413 350,106	24,270	23,806	50	70	83 141	13 195,056	151 935,196	11,515	11,050
1	21	99 011	95 432,326	2 313 914,274	24,247	23,782	51	71	81 797	12 512,486	138 740,140	11,088	10,624
2	22	98 954	91 930,350	2 218 481,947	24,132	23,668	52	72	80 318	11 842,179	126 227,654	10,659	10,195
3	23	98 913	88 570,154	2 126 551,597	24,010	23,545	53	73	78 659	11 178,408	114 385,476	10,233	9,768
4	24	98 875	85 336,518	2 037 981,444	23,882	23,417	54	74	76 852	10 526,846	103 207,067	9,804	9,340
5	25	98 838	82 221,516	1 952 644,925	23,749	23,284	55	75	74 884	9 886,526	92 680,221	9,374	8,910
6	26	98 805	79 222,826	1 870 423,409	23,610	23,145	56	76	72 711	9 252,588	82 793,694	8,948	8,484
7	27	98 768	76 330,903	1 791 200,583	23,466	23,002	57	77	70 340	8 627,354	73 541,106	8,524	8,060
8	28	98 733	73 545,850	1 714 869,680	23,317	22,853	58	78	67 759	8 010,441	64 913,752	8,104	7,639
9	29	98 698	70 862,341	1 641 323,830	23,162	22,698	59	79	64 926	7 398,123	56 903,311	7,692	7,227
10	30	98 662	68 276,246	1 570 461,490	23,002	22,537	60	80	61 888	6 797,092	49 505,188	7,283	6,819
11	31	98 626	65 784,486	1 502 185,244	22,835	22,371	61	81	58 576	6 200,806	42 708,096	6,888	6,423
12	32	98 585	63 379,898	1 436 400,758	22,663	22,199	62	82	55 051	5 616,995	36 507,290	6,499	6,035
13	33	98 540	61 061,515	1 373 020,860	22,486	22,021	63	83	51 282	5 043,316	30 890,295	6,125	5,661
14	34	98 496	58 828,028	1 311 959,344	22,302	21,837	64	84	47 321	4 485,564	25 846,979	5,762	5,298
15	35	98 440	56 669,356	1 253 131,316	22,113	21,649	65	85	43 190	3 946,020	21 361,415	5,413	4,949
16	36	98 378	54 586,884	1 196 461,960	21,918	21,454	66	86	38 891	3 424,756	17 415,395	5,085	4,621
17	37	98 303	52 573,735	1 141 875,076	21,719	21,255	67	87	34 546	2 932,226	13 990,639	4,771	4,307
18	38	98 218	50 629,497	1 089 301,341	21,515	21,051	68	88	30 034	2 457,072	11 058,413	4,501	4,036
19	39	98 105	48 743,641	1 038 671,844	21,309	20,844	69	89	25 749	2 030,432	8 601,341	4,236	3,772
20	40	97 983	46 923,180	989 928,203	21,097	20,632	70	90	21 672	1 647,117	6 570,908	3,989	3,525
21	41	97 854	45 167,925	943 005,022	20,878	20,413	71	91	18 025	1 320,409	4 923,791	3,729	3,265
22	42	97 718	43 474,642	897 837,098	20,652	20,188	72	92	14 519	1 025,140	3 603,382	3,515	3,051
23	43	97 571	41 840,077	854 362,455	20,420	19,955	73	93	11 432	778,043	2 578,242	3,314	2,849
24	44	97 414	40 263,030	812 522,379	20,180	19,716	74	94	8 777	575,707	1 800,200	3,127	2,663
25	45	97 248	38 741,522	772 259,349	19,934	19,469	75	95	6 553	414,314	1 224,492	2,955	2,491
26	46	97 059	37 268,619	733 517,827	19,682	19,217	76	96	4 754	289,737	810,178	2,796	2,332
27	47	96 849	35 843,945	696 249,208	19,424	18,960	77	97	3 345	196,464	520,441	2,649	2,185
28	48	96 620	34 466,596	660 405,263	19,161	18,696	78	98	2 276	128,854	323,976	2,514	2,050
29	49	96 381	33 138,710	625 938,667	18,888	18,424	79	99	1 495	81,599	195,122	2,391	1,927
30	50	96 117	31 853,597	592 799,957	18,610	18,146	80	100	948	49,879	113,524	2,276	1,812
31	51	95 829	30 610,179	560 946,360	18,325	17,861							
32	52	95 519	29 408,485	530 336,181	18,033	17,569							
33	53	95 184	28 245,884	500 927,696	17,735	17,270							
34	54	94 826	27 122,495	472 681,812	17,428	16,963							
35	55	94 447	26 037,816	445 559,317	17,112	16,648							
36	56	94 026	24 984,761	419 521,501	16,791	16,327							
37	57	93 584	23 968,474	394 536,740	16,461	15,996							
38	58	93 106	22 984,094	370 568,267	16,123	15,658							
39	59	92 581	22 028,590	347 584,173	15,779	15,314							
40	60	92 031	21 106,115	325 555,583	15,425	14,960							
41	61	91 403	20 204,425	304 449,467	15,068	14,604							
42	62	90 748	19 334,663	284 245,042	14,701	14,237							
43	63	90 033	18 489,020	264 910,379	14,328	13,864							
44	64	89 261	17 667,860	246 421,359	13,947	13,483							
45	65	88 430	16 870,744	228 753,499	13,559	13,095							
46	66	87 534	16 096,165	211 882,754	13,164	12,699							
47	67	86 575	15 344,469	195 786,590	12,759	12,295							
48	68	85 529	14 611,114	180 442,121	12,350	11,885							
49	69	84 392	13 895,810	165 831,007	11,934	11,469							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 403 563,393	24,177	23,713	50	71	82 148	13 037,399	145 306,327	11,145	10,681
1	22	98 990	95 411,699	2 304 148,540	24,150	23,685	51	72	80 706	12 345,532	132 268,928	10,714	10,249
2	23	98 932	91 909,225	2 208 736,841	24,032	23,567	52	73	79 075	11 658,919	119 923,396	10,286	9,822
3	24	98 890	88 550,008	2 116 827,616	23,905	23,441	53	74	77 296	10 984,626	108 264,477	9,856	9,392
4	25	98 853	85 317,117	2 028 277,608	23,773	23,309	54	75	75 367	10 323,425	97 279,851	9,423	8,959
5	26	98 816	82 203,194	1 942 960,492	23,636	23,172	55	76	73 216	9 666,243	86 956,426	8,996	8,531
6	27	98 779	79 201,661	1 860 757,298	23,494	23,029	56	77	70 867	9 018,057	77 290,183	8,571	8,106
7	28	98 743	76 311,199	1 781 555,637	23,346	22,882	57	78	68 303	8 377,555	68 272,126	8,149	7,685
8	29	98 708	73 526,747	1 705 244,437	23,192	22,728	58	79	65 505	7 744,029	59 894,571	7,734	7,270
9	30	98 671	70 842,686	1 631 717,690	23,033	22,569	59	80	62 488	7 120,319	52 150,542	7,324	6,860
10	31	98 635	68 257,508	1 560 875,004	22,867	22,403	60	81	59 204	6 502,281	45 030,223	6,925	6,461
11	32	98 594	65 763,039	1 492 617,496	22,697	22,232	61	82	55 677	5 893,892	38 527,942	6,537	6,073
12	33	98 550	63 357,947	1 426 854,457	22,521	22,056	62	83	51 921	5 297,569	32 634,050	6,160	5,696
13	34	98 504	61 039,424	1 363 496,510	22,338	21,874	63	84	47 951	4 715,707	27 336,482	5,797	5,332
14	35	98 456	58 804,155	1 302 457,086	22,149	21,685	64	85	43 820	4 153,696	22 620,775	5,446	4,982
15	36	98 398	56 645,206	1 243 652,932	21,955	21,491	65	86	39 506	3 609,443	18 467,079	5,116	4,652
16	37	98 332	54 561,429	1 187 007,725	21,755	21,291	66	87	35 132	3 093,759	14 857,637	4,802	4,338
17	38	98 251	52 546,045	1 132 446,296	21,552	21,087	67	88	30 585	2 596,013	11 763,878	4,532	4,067
18	39	98 160	50 599,647	1 079 900,252	21,342	20,878	68	89	26 266	2 148,803	9 167,866	4,266	3,802
19	40	98 036	48 709,361	1 029 300,604	21,131	20,667	69	90	22 150	1 746,641	7 019,063	4,019	3,554
20	41	97 913	46 889,734	980 591,243	20,913	20,448	70	91	18 460	1 403,020	5 272,421	3,758	3,293
21	42	97 773	45 130,391	933 701,509	20,689	20,225	71	92	14 904	1 091,788	3 869,401	3,544	3,080
22	43	97 626	43 433,518	888 571,118	20,458	19,994	72	93	11 775	831,406	2 777,614	3,341	2,876
23	44	97 468	41 795,912	845 137,600	20,221	19,756	73	94	9 067	617,079	1 946,208	3,154	2,689
24	45	97 304	40 217,499	803 341,688	19,975	19,511	74	95	6 798	445,948	1 329,129	2,980	2,516
25	46	97 116	38 689,122	763 124,189	19,725	19,260	75	96	4 951	313,036	883,181	2,821	2,357
26	47	96 908	37 210,818	724 435,067	19,468	19,004	76	97	3 499	213,249	570,145	2,674	2,209
27	48	96 681	35 781,741	687 224,249	19,206	18,742	77	98	2 395	140,677	356,896	2,537	2,073
28	49	96 441	34 402,731	651 442,508	18,936	18,471	78	99	1 583	89,646	216,219	2,412	1,947
29	50	96 179	33 069,382	617 039,777	18,659	18,195	79	100	1 010	55,087	126,573	2,298	1,833
30	51	95 893	31 779,172	583 970,395	18,376	17,911							
31	52	95 590	30 533,936	552 191,223	18,085	17,620							
32	53	95 255	29 326,999	521 657,287	17,788	17,323							
33	54	94 894	28 160,040	492 330,289	17,483	17,019							
34	55	94 523	27 036,078	464 170,249	17,169	16,704							
35	56	94 107	25 944,144	437 134,171	16,849	16,385							
36	57	93 669	24 889,996	411 190,026	16,520	16,056							
37	58	93 198	23 869,573	386 300,030	16,184	15,719							
38	59	92 681	22 879,295	362 430,457	15,841	15,377							
39	60	92 139	21 923,330	339 551,162	15,488	15,024							
40	61	91 527	20 990,710	317 627,833	15,132	14,667							
41	62	90 883	20 089,554	296 637,123	14,766	14,301							
42	63	90 179	19 213,342	276 547,569	14,394	13,929							
43	64	89 433	18 365,724	257 334,227	14,012	13,547							
44	65	88 618	17 540,725	238 968,503	13,624	13,159							
45	66	87 745	16 740,124	221 427,778	13,227	12,763							
46	67	86 814	15 963,858	204 687,654	12,822	12,358							
47	68	85 794	15 206,068	188 723,796	12,411	11,947							
48	69	84 691	14 467,996	173 517,729	11,993	11,529							
49	70	83 466	13 743,406	159 049,732	11,573	11,108							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 393 322,473	24,079	23,615	50	72	81 052	12 863,441	138 488,365	10,766	10,302
1	23	98 967	95 389,774	2 293 929,109	24,048	23,584	51	73	79 457	12 154,483	125 624,924	10,336	9,871
2	24	98 909	91 888,320	2 198 539,335	23,926	23,462	52	74	77 704	11 456,807	113 470,441	9,904	9,440
3	25	98 868	88 529,876	2 106 651,015	23,796	23,332	53	75	75 802	10 772,358	102 013,634	9,470	9,006
4	26	98 831	85 298,104	2 018 121,139	23,660	23,195	54	76	73 688	10 093,407	91 241,276	9,040	8,575
5	27	98 790	82 181,232	1 932 823,035	23,519	23,055	55	77	71 360	9 421,226	81 147,869	8,613	8,149
6	28	98 753	79 181,217	1 850 641,803	23,372	22,908	56	78	68 816	8 756,945	71 726,643	8,191	7,726
7	29	98 717	76 291,379	1 771 460,586	23,220	22,755	57	79	66 031	8 098,934	62 969,697	7,775	7,311
8	30	98 680	73 506,354	1 695 169,207	23,062	22,597	58	80	63 046	7 453,236	54 870,764	7,362	6,898
9	31	98 644	70 823,244	1 621 662,853	22,897	22,433	59	81	59 778	6 811,488	47 417,528	6,961	6,497
10	32	98 603	68 235,254	1 550 839,609	22,728	22,263	60	82	56 274	6 180,445	40 606,040	6,570	6,106
11	33	98 560	65 740,262	1 482 604,355	22,552	22,088	61	83	52 511	5 558,719	34 425,595	6,193	5,729
12	34	98 515	63 335,025	1 416 864,093	22,371	21,907	62	84	48 548	4 953,443	28 866,875	5,828	5,363
13	35	98 464	61 014,653	1 353 529,068	22,184	21,719	63	85	44 403	4 366,811	23 913,432	5,476	5,012
14	36	98 414	58 779,095	1 292 514,416	21,989	21,525	64	86	40 082	3 799,404	19 546,621	5,145	4,680
15	37	98 352	56 618,792	1 233 735,320	21,790	21,326	65	87	35 688	3 260,595	15 747,216	4,830	4,365
16	38	98 280	54 532,692	1 177 116,529	21,586	21,121	66	88	31 104	2 739,023	12 486,621	4,559	4,094
17	39	98 193	52 515,065	1 122 583,837	21,376	20,912	67	89	26 748	2 270,312	9 747,598	4,294	3,829
18	40	98 091	50 564,063	1 070 068,772	21,163	20,698	68	90	22 595	1 848,467	7 477,286	4,045	3,581
19	41	97 966	48 674,642	1 019 504,709	20,945	20,481	69	91	18 868	1 487,795	5 628,819	3,783	3,319
20	42	97 832	46 850,769	970 830,068	20,722	20,257	70	92	15 264	1 160,095	4 141,024	3,570	3,105
21	43	97 681	45 087,700	923 979,298	20,493	20,029	71	93	12 087	885,458	2 980,928	3,367	2,902
22	44	97 522	43 387,671	878 891,598	20,257	19,792	72	94	9 339	659,402	2 095,470	3,178	2,713
23	45	97 357	41 748,649	835 503,927	20,013	19,548	73	95	7 024	477,994	1 436,068	3,004	2,540
24	46	97 172	40 163,102	793 755,278	19,763	19,299	74	96	5 137	336,937	958,074	2,843	2,379
25	47	96 966	38 629,118	753 592,176	19,508	19,044	75	97	3 644	230,397	621,137	2,696	2,232
26	48	96 740	37 146,242	714 963,057	19,247	18,783	76	98	2 506	152,696	390,740	2,559	2,095
27	49	96 502	35 715,439	677 816,815	18,978	18,514	77	99	1 666	97,872	238,044	2,432	1,968
28	50	96 239	34 330,758	642 101,377	18,703	18,239	78	100	1 069	60,520	140,172	2,316	1,852
29	51	95 954	32 992,116	607 770,619	18,422	17,957							
30	52	95 654	31 700,017	574 778,502	18,132	17,667							
31	53	95 325	30 449,331	543 078,486	17,835	17,371							
32	54	94 965	29 237,869	512 629,154	17,533	17,069							
33	55	94 592	28 070,317	483 391,286	17,221	16,756							
34	56	94 183	26 938,815	455 320,968	16,902	16,438							
35	57	93 750	25 845,741	428 382,153	16,575	16,110							
36	58	93 283	24 787,293	402 536,412	16,240	15,775							
37	59	92 773	23 760,736	377 749,119	15,898	15,434							
38	60	92 238	22 769,970	353 988,383	15,546	15,082							
39	61	91 635	21 803,456	331 218,413	15,191	14,727							
40	62	91 007	20 871,368	309 414,958	14,825	14,360							
41	63	90 313	19 963,496	288 543,590	14,454	13,989							
42	64	89 577	19 085,215	268 580,094	14,073	13,608							
43	65	88 789	18 233,567	249 494,879	13,683	13,219							
44	66	87 932	17 404,917	231 261,311	13,287	12,823							
45	67	87 024	16 602,524	213 856,394	12,881	12,417							
46	68	86 031	15 819,870	197 253,870	12,469	12,004							
47	69	84 954	15 057,122	181 434,000	12,050	11,585							
48	70	83 762	14 309,316	166 376,878	11,627	11,163							
49	71	82 469	13 579,197	152 067,562	11,199	10,734							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 382 614,460	23,977	23,513	50	73	79 797	12 664,377	131 495,164	10,383	9,919
1	24	98 944	95 368,077	2 283 243,935	23,941	23,477	51	74	78 079	11 943,780	118 830,787	9,949	9,485
2	25	98 887	91 867,429	2 187 875,859	23,816	23,351	52	75	76 203	11 235,415	106 887,007	9,513	9,049
3	26	98 846	88 510,147	2 096 008,430	23,681	23,217	53	76	74 113	10 532,338	95 651,592	9,082	8,617
4	27	98 804	85 275,316	2 007 498,282	23,541	23,077	54	77	71 820	9 837,563	85 119,254	8,652	8,188
5	28	98 765	82 160,019	1 922 222,966	23,396	22,932	55	78	69 294	9 148,441	75 281,692	8,229	7,764
6	29	98 727	79 160,651	1 840 062,947	23,245	22,780	56	79	66 527	8 465,706	66 133,250	7,812	7,347
7	30	98 690	76 270,218	1 760 902,296	23,088	22,623	57	80	63 552	7 794,814	57 667,544	7,398	6,934
8	31	98 653	73 486,181	1 684 632,078	22,924	22,460	58	81	60 311	7 129,965	49 872,731	6,995	6,530
9	32	98 611	70 800,154	1 611 145,897	22,756	22,292	59	82	56 819	6 474,348	42 742,765	6,602	6,137
10	33	98 569	68 211,621	1 540 345,743	22,582	22,117	60	83	53 074	5 828,977	36 268,418	6,222	5,758
11	34	98 524	65 716,478	1 472 134,122	22,401	21,937	61	84	49 100	5 197,630	30 439,441	5,856	5,392
12	35	98 475	63 309,322	1 406 417,644	22,215	21,751	62	85	44 956	4 586,959	25 241,811	5,503	5,039
13	36	98 423	60 988,651	1 343 108,322	22,022	21,558	63	86	40 616	3 994,342	20 654,852	5,171	4,707
14	37	98 368	58 751,685	1 282 119,671	21,823	21,358	64	87	36 209	3 432,197	16 660,510	4,854	4,390
15	38	98 300	56 588,971	1 223 367,986	21,618	21,154	65	88	31 596	2 886,730	13 228,312	4,582	4,118
16	39	98 222	54 500,541	1 166 779,015	21,409	20,944	66	89	27 201	2 395,380	10 341,582	4,317	3,853
17	40	98 124	52 478,133	1 112 278,474	21,195	20,731	67	90	23 009	1 952,993	7 946,202	4,069	3,604
18	41	98 021	50 528,021	1 059 800,341	20,975	20,510	68	91	19 246	1 574,531	5 993,209	3,806	3,342
19	42	97 885	48 634,194	1 009 272,320	20,752	20,288	69	92	15 601	1 230,192	4 418,678	3,592	3,127
20	43	97 739	46 806,451	960 638,126	20,524	20,059	70	93	12 379	940,857	3 188,486	3,389	2,924
21	44	97 577	45 040,108	913 831,675	20,289	19,825	71	94	9 587	702,272	2 247,630	3,201	2,736
22	45	97 412	43 338,608	868 791,567	20,047	19,582	72	95	7 234	510,778	1 545,358	3,025	2,561
23	46	97 226	41 692,181	825 452,959	19,799	19,334	73	96	5 307	361,149	1 034,579	2,865	2,400
24	47	97 021	40 100,813	783 760,778	19,545	19,080	74	97	3 781	247,989	673,430	2,716	2,251
25	48	96 797	38 562,081	743 659,965	19,285	18,820	75	98	2 609	164,975	425,441	2,579	2,114
26	49	96 561	37 077,412	705 097,885	19,017	18,552	76	99	1 743	106,234	260,467	2,452	1,987
27	50	96 300	35 640,719	668 020,473	18,743	18,279	77	100	1 125	66,073	154,233	2,334	1,870
28	51	96 014	34 250,545	632 379,754	18,463	17,999							
29	52	95 715	32 909,940	598 129,209	18,175	17,710							
30	53	95 389	31 612,181	565 219,269	17,880	17,415							
31	54	95 036	30 356,790	533 607,087	17,578	17,113							
32	55	94 663	29 144,712	503 250,297	17,267	16,803							
33	56	94 252	27 969,333	474 105,585	16,951	16,486							
34	57	93 826	26 836,639	446 136,251	16,624	16,160							
35	58	93 363	25 739,094	419 299,612	16,290	15,826							
36	59	92 857	24 674,272	393 560,518	15,950	15,486							
37	60	92 329	23 647,199	368 886,246	15,600	15,135							
38	61	91 734	22 645,466	345 239,047	15,245	14,781							
39	62	91 114	21 679,493	322 593,581	14,880	14,416							
40	63	90 436	20 740,404	300 914,088	14,509	14,044							
41	64	89 710	19 830,367	280 173,684	14,129	13,664							
42	65	88 933	18 947,882	260 343,317	13,740	13,276							
43	66	88 102	18 092,395	241 395,435	13,342	12,878							
44	67	87 210	17 261,853	223 303,040	12,936	12,472							
45	68	86 239	16 452,775	206 041,187	12,523	12,059							
46	69	85 188	15 664,912	189 588,412	12,103	11,638							
47	70	84 022	14 891,981	173 923,499	11,679	11,215							
48	71	82 761	14 138,345	159 031,519	11,248	10,784							
49	72	81 369	13 398,010	144 893,173	10,815	10,350							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 371 426,817	23,870	23,405	50	74	78 414	12 444,835	124 350,263	9,992	9,528
1	25	98 922	95 346,394	2 272 078,895	23,830	23,365	51	75	76 570	11 712,977	111 905,428	9,554	9,090
2	26	98 865	91 846,957	2 176 732,500	23,700	23,235	52	76	74 505	10 985,077	100 192,451	9,121	8,656
3	27	98 819	88 486,501	2 084 885,543	23,562	23,097	53	77	72 234	10 265,367	89 207,374	8,690	8,226
4	28	98 779	85 253,304	1 996 399,042	23,417	22,953	54	78	69 740	9 552,723	78 942,007	8,264	7,799
5	29	98 739	82 138,679	1 911 145,738	23,267	22,803	55	79	66 989	8 844,182	69 389,284	7,846	7,381
6	30	98 700	79 138,695	1 829 007,059	23,111	22,647	56	80	64 029	8 147,813	60 545,102	7,431	6,966
7	31	98 663	76 249,287	1 749 868,364	22,949	22,485	57	81	60 795	7 456,728	52 397,289	7,027	6,562
8	32	98 621	73 462,222	1 673 619,077	22,782	22,318	58	82	57 326	6 777,062	44 940,561	6,631	6,167
9	33	98 577	70 775,633	1 600 156,855	22,609	22,144	59	83	53 588	6 106,166	38 163,499	6,250	5,786
10	34	98 533	68 186,943	1 529 381,222	22,429	21,965	60	84	49 626	5 450,332	32 057,333	5,882	5,417
11	35	98 484	65 689,809	1 461 194,280	22,244	21,779	61	85	45 467	4 813,079	26 607,002	5,528	5,064
12	36	98 433	63 282,343	1 395 504,471	22,052	21,588	62	86	41 121	4 195,712	21 793,922	5,194	4,730
13	37	98 377	60 960,211	1 332 222,128	21,854	21,390	63	87	36 690	3 608,295	17 598,210	4,877	4,413
14	38	98 316	58 720,741	1 271 261,917	21,649	21,185	64	88	32 057	3 038,656	13 989,915	4,604	4,140
15	39	98 242	56 555,607	1 212 541,176	21,440	20,975	65	89	27 632	2 524,555	10 951,259	4,338	3,873
16	40	98 153	54 462,213	1 155 985,569	21,225	20,761	66	90	23 399	2 060,581	8 426,704	4,089	3,625
17	41	98 054	52 440,727	1 101 523,356	21,005	20,541	67	91	19 599	1 663,566	6 366,123	3,827	3,362
18	42	97 939	50 486,033	1 049 082,629	20,780	20,315	68	92	15 914	1 301,910	4 702,557	3,612	3,148
19	43	97 792	48 588,189	998 596,596	20,552	20,088	69	93	12 653	997,706	3 400,647	3,408	2,944
20	44	97 636	46 757,045	950 008,407	20,318	19,854	70	94	9 818	746,209	2 402,941	3,220	2,756
21	45	97 467	44 989,176	903 251,362	20,077	19,613	71	95	7 426	543,986	1 656,731	3,046	2,581
22	46	97 280	43 279,989	858 262,187	19,830	19,366	72	96	5 466	385,919	1 112,746	2,883	2,419
23	47	97 075	41 627,520	814 982,197	19,578	19,114	73	97	3 906	265,809	726,826	2,734	2,270
24	48	96 853	40 031,221	773 354,677	19,319	18,854	74	98	2 707	177,571	461,017	2,596	2,132
25	49	96 618	38 490,626	733 323,456	19,052	18,588	75	99	1 815	114,776	283,446	2,470	2,005
26	50	96 359	36 999,843	694 832,830	18,779	18,315	76	100	1 177	71,718	168,670	2,352	1,887
27	51	96 075	35 557,446	657 832,987	18,501	18,036							
28	52	95 775	34 165,235	622 275,541	18,214	17,749							
29	53	95 450	32 818,752	588 110,306	17,920	17,456							
30	54	95 099	31 516,106	555 291,554	17,619	17,155							
31	55	94 733	30 260,069	523 775,448	17,309	16,845							
32	56	94 322	29 039,863	493 515,379	16,994	16,530							
33	57	93 894	27 863,249	464 475,516	16,670	16,205							
34	58	93 439	26 725,904	436 612,267	16,337	15,872							
35	59	92 938	25 621,733	409 886,364	15,998	15,533							
36	60	92 414	24 556,369	384 264,631	15,648	15,184							
37	61	91 824	23 517,899	359 708,261	15,295	14,831							
38	62	91 212	22 516,716	336 190,362	14,931	14,466							
39	63	90 542	21 543,459	313 673,646	14,560	14,096							
40	64	89 833	20 602,094	292 130,187	14,180	13,715							
41	65	89 065	19 687,671	271 528,093	13,792	13,327							
42	66	88 244	18 801,179	251 840,422	13,395	12,931							
43	67	87 378	17 943,680	233 039,243	12,987	12,523							
44	68	86 423	17 106,158	215 095,563	12,574	12,110							
45	69	85 394	16 291,618	197 989,405	12,153	11,688							
46	70	84 254	15 493,105	181 697,787	11,728	11,263							
47	71	83 018	14 714,048	166 204,682	11,296	10,831							
48	72	81 657	13 949,697	151 490,634	10,860	10,395							
49	73	80 110	13 190,673	137 540,937	10,427	9,963							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 359 744,835	23,758	23,293	50	75	76 899	12 204,350	117 073,286	9,593	9,128
1	26	98 900	95 325,147	2 260 419,500	23,713	23,248	51	76	74 864	11 451,999	104 868,936	9,157	8,693
2	27	98 838	91 822,419	2 165 094,353	23,579	23,115	52	77	72 616	10 706,631	93 416,937	8,725	8,261
3	28	98 794	88 463,660	2 073 271,934	23,436	22,972	53	78	70 143	9 968,141	82 710,306	8,297	7,833
4	29	98 753	85 231,161	1 984 808,274	23,287	22,823	54	79	67 421	9 235,018	72 742,165	7,877	7,412
5	30	98 712	82 115,897	1 899 577,113	23,133	22,668	55	80	64 474	8 512,077	63 507,148	7,461	6,996
6	31	98 673	79 116,976	1 817 461,216	22,972	22,507	56	81	61 252	7 794,417	54 995,071	7,056	6,591
7	32	98 630	76 224,428	1 738 344,240	22,806	22,341	57	82	57 786	7 087,651	47 200,654	6,660	6,195
8	33	98 587	73 436,779	1 662 119,813	22,633	22,169	58	83	54 066	6 391,665	40 113,003	6,276	5,811
9	34	98 542	70 750,027	1 588 683,033	22,455	21,990	59	84	50 107	5 709,515	33 721,338	5,906	5,442
10	35	98 493	68 159,271	1 517 933,007	22,270	21,806	60	85	45 954	5 047,084	28 011,823	5,550	5,086
11	36	98 442	65 661,815	1 449 773,736	22,079	21,615	61	86	41 589	4 402,546	22 964,738	5,216	4,752
12	37	98 387	63 252,833	1 384 111,921	21,882	21,418	62	87	37 147	3 790,203	18 562,193	4,897	4,433
13	38	98 325	60 928,103	1 320 859,088	21,679	21,215	63	88	32 483	3 194,562	14 771,990	4,624	4,160
14	39	98 258	58 686,121	1 259 930,985	21,469	21,005	64	89	28 035	2 657,420	11 577,428	4,357	3,892
15	40	98 173	56 515,834	1 201 244,864	21,255	20,791	65	90	23 770	2 171,701	8 920,008	4,107	3,643
16	41	98 083	54 423,392	1 144 729,030	21,034	20,569	66	91	19 932	1 755,210	6 748,306	3,845	3,380
17	42	97 973	52 397,150	1 090 305,637	20,808	20,344	67	92	16 206	1 375,529	4 993,097	3,630	3,166
18	43	97 847	50 438,276	1 037 908,487	20,578	20,113	68	93	12 906	1 055,871	3 617,567	3,426	2,962
19	44	97 689	48 536,902	987 470,211	20,345	19,880	69	94	10 035	791,298	2 561,697	3,237	2,773
20	45	97 525	46 704,171	938 933,309	20,104	19,639	70	95	7 605	578,020	1 770,399	3,063	2,598
21	46	97 335	44 928,325	892 229,139	19,859	19,395	71	96	5 611	411,009	1 192,379	2,901	2,437
22	47	97 130	43 212,866	847 300,814	19,608	19,143	72	97	4 023	284,040	781,370	2,751	2,286
23	48	96 906	41 555,279	804 087,948	19,350	18,885	73	98	2 797	190,331	497,329	2,613	2,149
24	49	96 674	39 957,045	762 532,669	19,084	18,619	74	99	1 883	123,540	306,998	2,485	2,021
25	50	96 416	38 410,101	722 575,624	18,812	18,348	75	100	1 226	77,485	183,458	2,368	1,903
26	51	96 133	36 913,394	684 165,523	18,534	18,070							
27	52	95 835	35 468,880	647 252,129	18,248	17,784							
28	53	95 509	34 070,568	611 783,249	17,956	17,492							
29	54	95 160	32 719,010	577 712,680	17,657	17,192							
30	55	94 796	31 415,691	544 993,671	17,348	16,883							
31	56	94 392	30 151,207	513 577,980	17,033	16,569							
32	57	93 964	28 929,718	483 426,773	16,710	16,246							
33	58	93 507	27 748,277	454 497,055	16,379	15,915							
34	59	93 013	26 604,043	426 748,777	16,041	15,576							
35	60	92 494	25 499,303	400 144,734	15,692	15,228							
36	61	91 908	24 422,098	374 645,431	15,340	14,876							
37	62	91 302	23 384,189	350 223,333	14,977	14,513							
38	63	90 640	22 375,429	326 839,144	14,607	14,143							
39	64	89 939	21 399,793	304 463,715	14,227	13,763							
40	65	89 187	20 453,845	283 063,922	13,839	13,375							
41	66	88 375	19 535,241	262 610,076	13,443	12,978							
42	67	87 519	18 646,638	243 074,836	13,036	12,571							
43	68	86 589	17 781,835	224 428,198	12,621	12,157							
44	69	85 576	16 938,600	206 646,363	12,200	11,735							
45	70	84 458	16 112,937	189 707,763	11,774	11,309							
46	71	83 247	15 307,990	173 594,826	11,340	10,876							
47	72	81 910	14 517,719	158 286,836	10,903	10,439							
48	73	80 393	13 733,824	143 769,117	10,468	10,004							
49	74	78 721	12 962,008	130 035,293	10,032	9,568							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	14 791,143	241 190,197	16,306	15,842
1	0	99 594	95 994,033	2 433 613,714	25,352	24,887	51	50	92 606	14 165,922	226 399,054	15,982	15,518
2	1	99 240	92 195,499	2 337 619,682	25,355	24,891	52	51	91 946	13 556,600	212 233,132	15,655	15,191
3	2	99 192	88 820,765	2 245 424,182	25,280	24,816	53	52	91 234	12 965,503	198 676,532	15,323	14,859
4	3	99 162	85 583,650	2 156 603,417	25,199	24,734	54	53	90 460	12 390,743	185 711,029	14,988	14,523
5	4	99 133	82 466,553	2 071 019,766	25,113	24,649	55	54	89 607	11 830,289	173 320,286	14,651	14,186
6	5	99 110	79 467,112	1 988 553,214	25,024	24,559	56	55	88 705	11 287,947	161 489,997	14,306	13,842
7	6	99 090	76 579,804	1 909 086,101	24,929	24,465	57	56	87 728	10 760,053	150 202,051	13,959	13,495
8	7	99 073	73 798,803	1 832 506,298	24,831	24,367	58	57	86 699	10 249,512	139 441,998	13,605	13,140
9	8	99 055	71 118,596	1 758 707,494	24,729	24,265	59	58	85 578	9 751,289	129 192,486	13,249	12,784
10	9	99 040	68 537,902	1 687 588,898	24,623	24,158	60	59	84 370	9 266,185	119 441,197	12,890	12,426
11	10	99 025	66 050,529	1 619 050,996	24,512	24,048	61	60	83 076	8 794,340	110 175,012	12,528	12,064
12	11	99 008	63 651,842	1 553 000,467	24,398	23,934	62	61	81 693	8 335,351	101 380,672	12,163	11,698
13	12	98 989	61 339,885	1 489 348,625	24,280	23,816	63	62	80 230	7 890,186	93 045,321	11,793	11,328
14	13	98 973	59 113,073	1 428 008,740	24,157	23,693	64	63	78 680	7 458,025	85 155,135	11,418	10,953
15	14	98 947	56 961,456	1 368 895,667	24,032	23,568	65	64	77 032	7 037,892	77 697,111	11,040	10,575
16	15	98 915	54 884,847	1 311 934,211	23,903	23,439	66	65	75 285	6 629,728	70 659,219	10,658	10,194
17	16	98 872	52 878,201	1 257 049,364	23,773	23,308	67	66	73 457	6 234,924	64 029,491	10,269	9,805
18	17	98 823	50 941,348	1 204 171,163	23,638	23,174	68	67	71 540	5 852,720	57 794,567	9,875	9,410
19	18	98 750	49 064,194	1 153 229,815	23,505	23,040	69	68	69 501	5 480,432	51 941,847	9,478	9,013
20	19	98 675	47 254,676	1 104 165,621	23,366	22,902	70	69	67 333	5 117,532	46 461,415	9,079	8,614
21	20	98 595	45 509,677	1 056 910,945	23,224	22,759	71	70	65 024	4 763,384	41 343,883	8,680	8,215
22	21	98 518	43 830,763	1 011 401,267	23,075	22,611	72	71	62 587	4 419,166	36 580,499	8,278	7,813
23	22	98 442	42 213,622	967 570,504	22,921	22,456	73	72	59 955	4 080,345	32 161,333	7,882	7,418
24	23	98 365	40 656,075	925 356,881	22,761	22,296	74	73	57 135	3 747,872	28 080,988	7,493	7,028
25	24	98 286	39 155,094	884 700,806	22,595	22,130	75	74	54 118	3 421,654	24 333,116	7,112	6,647
26	25	98 205	37 708,908	845 545,712	22,423	21,959	76	75	50 964	3 105,787	20 911,462	6,733	6,269
27	26	98 123	36 315,643	807 836,804	22,245	21,780	77	76	47 628	2 797,575	17 805,675	6,365	5,900
28	27	98 035	34 971,530	771 521,161	22,061	21,597	78	77	44 114	2 497,498	15 008,100	6,009	5,545
29	28	97 949	33 677,915	736 549,631	21,870	21,406	79	78	40 454	2 207,478	12 510,602	5,667	5,203
30	29	97 861	32 431,332	702 871,716	21,673	21,208	80	79	36 739	1 932,311	10 303,124	5,332	4,868
31	30	97 768	31 229,685	670 440,384	21,468	21,004	81	80	32 958	1 670,812	8 370,813	5,010	4,546
32	31	97 669	30 070,335	639 210,699	21,257	20,793	82	81	29 168	1 425,237	6 700,001	4,701	4,237
33	32	97 564	28 952,375	609 140,364	21,039	20,575	83	82	25 442	1 198,213	5 274,764	4,402	3,938
34	33	97 460	27 875,979	580 187,989	20,813	20,349	84	83	21 828	990,875	4 076,551	4,114	3,650
35	34	97 346	26 836,992	552 312,010	20,580	20,116	85	84	18 364	803,468	3 085,676	3,840	3,376
36	35	97 222	25 834,104	525 475,018	20,340	19,876	86	85	15 087	636,240	2 282,208	3,587	3,123
37	36	97 092	24 867,025	499 640,914	20,093	19,628	87	86	12 066	490,465	1 645,968	3,356	2,892
38	37	96 951	23 933,379	474 773,889	19,837	19,373	88	87	9 354	366,458	1 155,503	3,153	2,689
39	38	96 796	23 031,343	450 840,511	19,575	19,111	89	88	7 032	265,543	789,045	2,971	2,507
40	39	96 625	22 159,754	427 809,167	19,306	18,841	90	89	5 139	187,049	523,502	2,799	2,334
41	40	96 425	21 314,679	405 649,413	19,031	18,567	91	90	3 670	128,752	336,452	2,613	2,149
42	41	96 213	20 499,130	384 334,734	18,749	18,284	92	91	2 519	85,178	207,701	2,438	1,974
43	42	95 978	19 709,943	363 835,604	18,459	17,995	93	92	1 630	53,137	122,522	2,306	1,841
44	43	95 703	18 943,066	344 125,660	18,166	17,702	94	93	1 013	31,810	69,385	2,181	1,717
45	44	95 399	18 200,290	325 182,595	17,867	17,402	95	94	600	18,167	37,576	2,068	1,604
46	45	95 061	17 480,372	306 982,305	17,562	17,097	96	95	338	9,872	19,409	1,966	1,502
47	46	94 671	16 779,416	289 501,934	17,253	16,789	97	96	181	5,091	9,537	1,873	1,409
48	47	94 232	16 097,899	272 722,517	16,941	16,477	98	97	92	2,485	4,446	1,789	1,325
49	48	93 736	15 434,421	256 624,619	16,627	16,162	99	98	44	1,145	1,962	1,713	1,249
							100	99	20	0,497	0,817	1,644	1,180

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	14 818,601	243 224,939	16,413	15,949
1							51	49	92 800	14 195,621	228 406,338	16,090	15,625
2	0	99 558	92 491,436	2 340 469,528	25,305	24,840	52	50	92 161	13 588,348	214 210,717	15,764	15,300
3	1	99 221	88 846,027	2 247 978,091	25,302	24,838	53	51	91 462	12 997,878	200 622,369	15,435	14,971
4	2	99 178	85 597,450	2 159 132,064	25,224	24,760	54	52	90 711	12 425,171	187 624,491	15,100	14,636
5	3	99 147	82 478,379	2 073 534,614	25,140	24,676	55	53	89 880	11 866,353	175 199,320	14,764	14,300
6	4	99 122	79 476,637	1 991 056,235	25,052	24,588	56	54	88 989	11 324,027	163 332,967	14,424	13,959
7	5	99 099	76 586,732	1 911 579,598	24,960	24,495	57	55	88 044	10 798,902	152 008,940	14,076	13,612
8	6	99 081	73 804,721	1 834 992,866	24,863	24,398	58	56	87 029	10 288,535	141 210,038	13,725	13,261
9	7	99 063	71 124,538	1 761 188,145	24,762	24,298	59	57	85 932	9 791,692	130 921,503	13,371	12,906
10	8	99 046	68 542,160	1 690 063,607	24,657	24,193	60	58	84 756	9 308,629	121 129,811	13,013	12,548
11	9	99 031	66 054,722	1 621 521,448	24,548	24,084	61	59	83 475	8 836,564	111 821,181	12,654	12,190
12	10	99 016	63 656,970	1 555 466,725	24,435	23,971	62	60	82 142	8 381,178	102 984,617	12,288	11,823
13	11	98 997	61 344,758	1 491 809,755	24,318	23,854	63	61	80 689	7 935,302	94 603,439	11,922	11,457
14	12	98 981	59 117,605	1 430 464,998	24,197	23,733	64	62	79 176	7 505,118	86 668,137	11,548	11,083
15	13	98 957	56 967,060	1 371 347,393	24,073	23,608	65	63	77 549	7 085,140	79 163,020	11,173	10,709
16	14	98 927	54 891,642	1 314 380,333	23,945	23,481	66	64	75 831	6 677,780	72 077,880	10,794	10,329
17	15	98 886	52 885,371	1 259 488,691	23,815	23,351	67	65	74 030	6 283,574	65 400,100	10,408	9,944
18	16	98 839	50 949,539	1 206 603,320	23,682	23,218	68	66	72 133	5 901,226	59 116,525	10,018	9,553
19	17	98 768	49 072,808	1 155 653,782	23,550	23,085	69	67	70 134	5 530,313	53 215,299	9,622	9,158
20	18	98 697	47 265,001	1 106 580,974	23,412	22,948	70	68	67 999	5 168,155	47 684,986	9,227	8,762
21	19	98 616	45 519,467	1 059 315,973	23,272	22,807	71	69	65 745	4 816,207	42 516,831	8,828	8,363
22	20	98 539	43 840,013	1 013 796,507	23,125	22,660	72	70	63 344	4 472,606	37 700,624	8,429	7,965
23	21	98 463	42 222,749	969 956,493	22,972	22,508	73	71	60 766	4 135,525	33 228,019	8,035	7,570
24	22	98 387	40 665,420	927 733,745	22,814	22,349	74	72	58 033	3 806,782	29 092,493	7,642	7,178
25	23	98 308	39 164,002	887 068,325	22,650	22,186	75	73	55 073	3 482,016	25 285,711	7,262	6,797
26	24	98 228	37 717,483	847 904,323	22,480	22,016	76	74	51 969	3 166,986	21 803,695	6,885	6,420
27	25	98 145	36 323,738	810 186,840	22,305	21,840	77	75	48 714	2 861,329	18 636,709	6,513	6,049
28	26	98 061	34 980,875	773 863,102	22,122	21,658	78	76	45 261	2 562,450	15 775,380	6,156	5,692
29	27	97 974	33 686,611	738 882,226	21,934	21,470	79	77	41 660	2 273,300	13 212,930	5,812	5,348
30	28	97 886	32 439,757	705 195,616	21,739	21,274	80	78	38 003	1 998,787	10 939,630	5,473	5,009
31	29	97 796	31 238,349	672 755,859	21,536	21,072	81	79	34 244	1 735,999	8 940,843	5,150	4,686
32	30	97 696	30 078,590	641 517,509	21,328	20,864	82	80	30 491	1 489,857	7 204,844	4,836	4,372
33	31	97 596	28 961,818	611 438,919	21,112	20,647	83	81	26 767	1 260,608	5 714,987	4,534	4,069
34	32	97 494	27 885,637	582 477,102	20,888	20,424	84	82	23 144	1 050,621	4 454,379	4,240	3,775
35	33	97 381	26 846,705	554 591,465	20,658	20,193	85	83	19 639	859,287	3 403,757	3,961	3,497
36	34	97 262	25 844,592	527 744,760	20,420	19,956	86	84	16 292	687,073	2 544,471	3,703	3,239
37	35	97 133	24 877,627	501 900,168	20,175	19,710	87	85	13 191	536,201	1 857,397	3,464	3,000
38	36	96 996	23 944,544	477 022,541	19,922	19,458	88	86	10 354	405,665	1 321,196	3,257	2,792
39	37	96 847	23 043,480	453 077,997	19,662	19,197	89	87	7 943	299,934	915,531	3,052	2,588
40	38	96 682	22 172,827	430 034,516	19,395	18,930	90	88	5 876	213,884	615,597	2,878	2,414
41	39	96 493	21 329,679	407 861,689	19,122	18,657	91	89	4 266	149,671	401,714	2,684	2,220
42	40	96 282	20 513,752	386 532,010	18,843	18,378	92	90	2 957	99,997	252,042	2,520	2,056
43	41	96 058	19 726,336	366 018,258	18,555	18,090	93	91	1 972	64,264	152,045	2,366	1,902
44	42	95 794	18 961,002	346 291,922	18,263	17,799	94	92	1 249	39,222	87,781	2,238	1,774
45	43	95 500	18 219,521	327 330,921	17,966	17,502	95	93	756	22,905	48,559	2,120	1,656
46	44	95 169	17 500,161	309 111,400	17,663	17,199	96	94	437	12,744	25,654	2,013	1,549
47	45	94 799	16 802,142	291 611,238	17,356	16,891	97	95	240	6,738	12,909	1,916	1,452
48	46	94 378	16 122,904	274 809,096	17,045	16,580	98	96	125	3,376	6,172	1,828	1,364
49	47	93 899	15 461,253	258 686,192	16,731	16,267	99	97	61	1,599	2,796	1,748	1,284
							100	98	28	0,714	1,197	1,676	1,212

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	14 844,362	245 105,758	16,512	16,047
1							51	48	92 972	14 221,974	230 261,396	16,191	15,726
2							52	49	92 354	13 616,836	216 039,422	15,866	15,401
3	0	99 539	89 131,213	2 250 618,095	25,251	24,786	53	50	91 676	13 028,318	202 422,587	15,537	15,073
4	1	99 206	85 621,795	2 161 486,882	25,245	24,780	54	51	90 938	12 456,197	189 394,269	15,205	14,740
5	2	99 163	82 491,678	2 075 865,087	25,165	24,700	55	52	90 130	11 899,324	176 938,072	14,870	14,405
6	3	99 136	79 488,035	1 993 373,409	25,078	24,613	56	53	89 260	11 358,547	165 038,748	14,530	14,065
7	4	99 111	76 595,912	1 913 885,374	24,987	24,522	57	54	88 326	10 833,419	153 680,200	14,186	13,721
8	5	99 090	73 811,398	1 837 289,462	24,892	24,427	58	55	87 343	10 325,682	142 846,781	13,834	13,370
9	6	99 071	71 130,241	1 763 478,065	24,792	24,328	59	56	86 259	9 828,972	132 521,099	13,483	13,018
10	7	99 055	68 547,886	1 692 347,824	24,689	24,224	60	57	85 107	9 347,199	122 692,127	13,126	12,662
11	8	99 038	66 058,825	1 623 799,937	24,581	24,117	61	58	83 858	8 877,040	113 344,928	12,768	12,304
12	9	99 022	63 661,012	1 557 741,112	24,469	24,005	62	59	82 537	8 421,419	104 467,888	12,405	11,941
13	10	99 005	61 349,700	1 494 080,101	24,354	23,889	63	60	81 133	7 978,930	96 046,470	12,038	11,573
14	11	98 989	59 122,301	1 432 730,401	24,233	23,769	64	61	79 629	7 548,032	88 067,540	11,668	11,203
15	12	98 964	56 971,427	1 373 608,100	24,110	23,646	65	62	78 039	7 129,878	80 519,508	11,293	10,829
16	13	98 937	54 897,042	1 316 636,673	23,984	23,519	66	63	76 340	6 722,611	73 389,630	10,917	10,452
17	14	98 898	52 891,918	1 261 739,631	23,855	23,391	67	64	74 567	6 329,118	66 667,019	10,533	10,069
18	15	98 852	50 956,446	1 208 847,713	23,723	23,259	68	65	72 696	5 947,273	60 337,902	10,145	9,681
19	16	98 784	49 080,698	1 157 891,267	23,592	23,127	69	66	70 715	5 576,148	54 390,629	9,754	9,290
20	17	98 714	47 273,299	1 108 810,568	23,455	22,991	70	67	68 618	5 215,194	48 814,481	9,360	8,896
21	18	98 638	45 529,412	1 061 537,269	23,315	22,851	71	68	66 395	4 863,849	43 599,287	8,964	8,500
22	19	98 560	43 849,443	1 016 007,857	23,170	22,706	72	69	64 046	4 522,204	38 735,438	8,566	8,101
23	20	98 484	42 231,659	972 158,414	23,020	22,555	73	70	61 501	4 185,535	34 213,235	8,174	7,710
24	21	98 409	40 674,211	929 926,755	22,863	22,398	74	71	58 818	3 858,263	30 027,700	7,783	7,318
25	22	98 331	39 173,004	889 252,544	22,701	22,236	75	72	55 939	3 536,748	26 169,437	7,399	6,935
26	23	98 250	37 726,064	850 079,540	22,533	22,069	76	73	52 886	3 222,856	22 632,689	7,023	6,558
27	24	98 168	36 331,998	812 353,476	22,359	21,895	77	74	49 674	2 917,711	19 409,833	6,652	6,188
28	25	98 083	34 988,672	776 021,478	22,179	21,715	78	75	46 293	2 620,845	16 492,122	6,293	5,828
29	26	98 001	33 695,613	741 032,805	21,992	21,528	79	76	42 743	2 332,421	13 871,277	5,947	5,483
30	27	97 911	32 448,133	707 337,193	21,799	21,335	80	77	39 136	2 058,386	11 538,856	5,606	5,141
31	28	97 821	31 246,465	674 889,059	21,599	21,134	81	78	35 422	1 795,722	9 480,469	5,279	4,815
32	29	97 723	30 086,935	643 642,594	21,393	20,928	82	79	31 680	1 547,985	7 684,748	4,964	4,500
33	30	97 623	28 969,768	613 555,660	21,179	20,715	83	80	27 980	1 317,764	6 136,763	4,657	4,193
34	31	97 525	27 894,732	584 585,892	20,957	20,492	84	81	24 350	1 105,331	4 818,999	4,360	3,895
35	32	97 415	26 856,006	556 691,160	20,729	20,264	85	82	20 824	911,099	3 713,669	4,076	3,612
36	33	97 297	25 853,946	529 835,154	20,493	20,029	86	83	17 424	734,806	2 802,570	3,814	3,350
37	34	97 173	24 887,727	503 981,208	20,250	19,786	87	84	14 245	579,042	2 067,764	3,571	3,107
38	35	97 038	23 954,753	479 093,481	20,000	19,536	88	85	11 320	443,493	1 488,722	3,357	2,892
39	36	96 892	23 054,231	455 138,728	19,742	19,278	89	86	8 792	332,023	1 045,229	3,148	2,684
40	37	96 733	22 184,511	432 084,497	19,477	19,012	90	87	6 637	241,584	713,206	2,952	2,488
41	38	96 550	21 342,262	409 899,986	19,206	18,742	91	88	4 878	171,143	471,622	2,756	2,291
42	39	96 350	20 528,189	388 557,724	18,928	18,464	92	89	3 438	116,245	300,479	2,585	2,120
43	40	96 127	19 740,406	368 029,535	18,643	18,179	93	90	2 315	75,445	184,234	2,442	1,978
44	41	95 874	18 976,771	348 289,129	18,353	17,889	94	91	1 510	47,435	108,789	2,293	1,829
45	42	95 590	18 236,772	329 312,358	18,058	17,593	95	92	933	28,243	61,354	2,172	1,708
46	43	95 269	17 518,653	311 075,586	17,757	17,292	96	93	551	16,069	33,111	2,061	1,596
47	44	94 907	16 821,164	293 556,933	17,452	16,987	97	94	309	8,698	17,043	1,959	1,495
48	45	94 506	16 144,741	276 735,769	17,141	16,677	98	95	165	4,468	8,344	1,867	1,403
49	46	94 045	15 485,269	260 591,028	16,828	16,364	99	96	83	2,172	3,876	1,784	1,320
							100	97	40	0,997	1,704	1,709	1,244

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	14 867,421	246 841,238	16,603	16,138
1							51	47	93 134	14 246,697	231 973,818	16,283	15,818
2							52	48	92 526	13 642,114	217 727,120	15,960	15,496
3							53	49	91 869	13 055,631	204 085,006	15,632	15,168
4	0	99 524	85 896,631	2 163 930,430	25,192	24,728	54	50	91 150	12 485,368	191 029,375	15,300	14,836
5	1	99 191	82 515,140	2 078 033,799	25,184	24,719	55	51	90 355	11 929,037	178 544,007	14,967	14,503
6	2	99 152	79 500,851	1 995 518,659	25,101	24,636	56	52	89 508	11 390,108	166 614,970	14,628	14,164
7	3	99 125	76 606,896	1 916 017,808	25,011	24,547	57	53	88 595	10 866,444	155 224,862	14,285	13,820
8	4	99 102	73 820,245	1 839 410,912	24,917	24,453	58	54	87 622	10 358,686	144 358,418	13,936	13,472
9	5	99 080	71 136,676	1 765 590,667	24,820	24,355	59	55	86 571	9 864,460	133 999,731	13,584	13,120
10	6	99 063	68 553,383	1 694 453,991	24,717	24,253	60	56	85 432	9 382,786	124 135,272	13,230	12,766
11	7	99 046	66 064,344	1 625 900,608	24,611	24,146	61	57	84 205	8 913,821	114 752,485	12,874	12,409
12	8	99 028	63 664,966	1 559 836,264	24,501	24,036	62	58	82 915	8 459,993	105 838,664	12,510	12,046
13	9	99 011	61 353,595	1 496 171,298	24,386	23,922	63	59	81 522	8 017,239	97 378,671	12,146	11,682
14	10	98 996	59 127,064	1 434 817,703	24,267	23,802	64	60	80 067	7 589,530	89 361,432	11,774	11,310
15	11	98 972	56 975,952	1 375 690,639	24,145	23,681	65	61	78 485	7 170,647	81 771,902	11,404	10,939
16	12	98 945	54 901,251	1 318 714,687	24,020	23,555	66	62	76 822	6 765,060	74 601,255	11,027	10,563
17	13	98 908	52 897,122	1 263 813,436	23,892	23,427	67	63	75 068	6 371,608	67 836,195	10,647	10,182
18	14	98 864	50 962,755	1 210 916,315	23,761	23,296	68	64	73 223	5 990,378	61 464,587	10,261	9,796
19	15	98 797	49 087,352	1 159 953,559	23,630	23,166	69	65	71 267	5 619,658	55 474,209	9,871	9,407
20	16	98 730	47 280,900	1 110 866,207	23,495	23,031	70	66	69 187	5 258,417	49 854,552	9,481	9,016
21	17	98 655	45 537,406	1 063 585,307	23,356	22,892	71	67	66 999	4 908,119	44 596,135	9,086	8,622
22	18	98 582	43 859,024	1 018 047,901	23,212	22,747	72	68	64 680	4 566,938	39 688,016	8,690	8,226
23	19	98 505	42 240,743	974 188,878	23,063	22,598	73	69	62 183	4 231,949	35 121,079	8,299	7,835
24	20	98 430	40 682,795	931 948,134	22,908	22,443	74	70	59 529	3 904,920	30 889,130	7,910	7,446
25	21	98 352	39 181,473	891 265,339	22,747	22,283	75	71	56 695	3 584,577	26 984,210	7,528	7,063
26	22	98 273	37 734,735	852 083,866	22,581	22,116	76	72	53 717	3 273,514	23 399,633	7,148	6,684
27	23	98 190	36 340,264	814 349,131	22,409	21,945	77	73	50 550	2 969,183	20 126,119	6,778	6,314
28	24	98 105	34 996,629	778 008,867	22,231	21,767	78	74	47 205	2 672,488	17 156,936	6,420	5,955
29	25	98 022	33 703,123	743 012,238	22,046	21,581	79	75	43 717	2 385,575	14 484,448	6,072	5,607
30	26	97 937	32 456,804	709 309,115	21,854	21,390	80	76	40 154	2 111,918	12 098,873	5,729	5,264
31	27	97 846	31 254,533	676 852,311	21,656	21,192	81	77	36 478	1 849,266	9 986,954	5,400	4,936
32	28	97 749	30 094,751	645 597,778	21,452	20,988	82	78	32 770	1 601,239	8 137,688	5,082	4,618
33	29	97 650	28 977,805	615 503,027	21,240	20,776	83	79	29 072	1 369,177	6 536,449	4,774	4,310
34	30	97 552	27 902,389	586 525,221	21,021	20,556	84	80	25 454	1 155,446	5 167,272	4,472	4,008
35	31	97 447	26 864,765	558 622,832	20,794	20,329	85	81	21 908	958,543	4 011,826	4,185	3,721
36	32	97 331	25 862,903	531 758,067	20,561	20,096	86	82	18 475	779,112	3 053,284	3,919	3,455
37	33	97 208	24 896,734	505 895,164	20,320	19,855	87	83	15 235	619,269	2 274,172	3,672	3,208
38	34	97 077	23 964,478	480 998,430	20,071	19,607	88	84	12 224	478,927	1 654,903	3,455	2,991
39	35	96 933	23 064,060	457 033,952	19,816	19,351	89	85	9 612	362,984	1 175,976	3,240	2,775
40	36	96 778	22 194,861	433 969,892	19,553	19,088	90	86	7 348	267,431	812,992	3,040	2,576
41	37	96 601	21 353,509	411 775,031	19,284	18,819	91	87	5 510	193,308	545,561	2,822	2,358
42	38	96 407	20 540,299	390 421,522	19,008	18,543	92	88	3 931	132,921	352,252	2,650	2,186
43	39	96 194	19 754,299	369 881,223	18,724	18,260	93	89	2 691	87,703	219,331	2,501	2,036
44	40	95 942	18 990,307	350 126,924	18,437	17,973	94	90	1 773	55,688	131,628	2,364	1,899
45	41	95 670	18 251,939	331 136,617	18,143	17,678	95	91	1 128	34,157	75,941	2,223	1,759
46	42	95 360	17 535,240	312 884,678	17,843	17,379	96	92	679	19,813	41,784	2,109	1,644
47	43	95 007	16 838,938	295 349,438	17,540	17,075	97	93	390	10,967	21,971	2,003	1,539
48	44	94 613	16 163,018	278 510,499	17,231	16,767	98	94	213	5,768	11,003	1,907	1,443
49	45	94 172	15 506,243	262 347,481	16,919	16,454	99	95	110	2,875	5,235	1,821	1,356
							100	96	54	1,355	2,360	1,742	1,277



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	14 887,557	248 439,580	16,688	16,223
1							51	46	93 279	14 268,827	233 552,023	16,368	15,904
2							52	47	92 687	13 665,830	219 283,196	16,046	15,582
3							53	48	92 039	13 079,868	205 617,366	15,720	15,256
4							54	49	91 342	12 511,543	192 537,498	15,389	14,924
5	0	99 510	82 780,004	2 080 293,925	25,130	24,666	55	50	90 566	11 956,974	180 025,955	15,056	14,592
6	1	99 180	79 523,463	1 997 513,921	25,119	24,654	56	51	89 731	11 418,549	168 068,981	14,719	14,255
7	2	99 141	76 619,248	1 917 990,459	25,033	24,568	57	52	88 841	10 896,637	156 650,432	14,376	13,912
8	3	99 116	73 830,831	1 841 371,211	24,940	24,476	58	53	87 889	10 390,264	145 753,795	14,028	13,563
9	4	99 092	71 145,203	1 767 540,379	24,844	24,380	59	54	86 848	9 895,990	135 363,531	13,679	13,214
10	5	99 072	68 559,585	1 696 395,177	24,743	24,279	60	55	85 740	9 416,663	125 467,541	13,324	12,860
11	6	99 054	66 069,642	1 627 835,592	24,638	24,174	61	56	84 526	8 947,759	116 050,877	12,970	12,505
12	7	99 036	63 670,285	1 561 765,950	24,529	24,065	62	57	83 258	8 495,046	107 103,119	12,608	12,143
13	8	99 018	61 357,406	1 498 095,665	24,416	23,951	63	58	81 896	8 053,962	98 608,073	12,243	11,779
14	9	99 003	59 130,818	1 436 738,259	24,298	23,833	64	59	80 451	7 625,970	90 554,110	11,874	11,410
15	10	98 980	56 980,542	1 377 607,442	24,177	23,712	65	60	78 916	7 210,071	82 928,140	11,502	11,037
16	11	98 952	54 905,611	1 320 626,899	24,053	23,588	66	61	77 261	6 803,742	75 718,070	11,129	10,664
17	12	98 915	52 901,177	1 265 721,288	23,926	23,462	67	62	75 542	6 411,840	68 914,327	10,748	10,284
18	13	98 874	50 967,769	1 212 820,111	23,796	23,331	68	63	73 714	6 030,594	62 502,487	10,364	9,900
19	14	98 809	49 093,430	1 161 852,342	23,666	23,202	69	64	71 784	5 660,389	56 471,893	9,977	9,512
20	15	98 743	47 287,310	1 112 758,912	23,532	23,067	70	65	69 727	5 299,447	50 811,504	9,588	9,124
21	16	98 671	45 544,727	1 065 471,602	23,394	22,930	71	66	67 555	4 948,796	45 512,057	9,197	8,732
22	17	98 599	43 866,724	1 019 926,874	23,251	22,786	72	67	65 268	4 608,505	40 563,261	8,802	8,337
23	18	98 526	42 249,972	976 060,151	23,102	22,638	73	68	62 798	4 273,812	35 954,756	8,413	7,948
24	19	98 451	40 691,546	933 810,178	22,949	22,484	74	69	60 190	3 948,222	31 680,944	8,024	7,560
25	20	98 373	39 189,742	893 118,632	22,790	22,325	75	70	57 381	3 627,924	27 732,722	7,644	7,180
26	21	98 294	37 742,893	853 928,891	22,625	22,160	76	71	54 443	3 317,783	24 104,797	7,265	6,801
27	22	98 212	36 348,617	816 185,998	22,454	21,990	77	72	51 345	3 015,854	20 787,014	6,893	6,428
28	23	98 128	35 004,591	779 837,381	22,278	21,814	78	73	48 038	2 719,634	17 771,161	6,534	6,070
29	24	98 045	33 710,787	744 832,790	22,095	21,630	79	74	44 579	2 432,582	15 051,526	6,187	5,723
30	25	97 959	32 464,039	711 122,003	21,905	21,440	80	75	41 069	2 160,047	12 618,944	5,842	5,378
31	26	97 872	31 262,885	678 657,964	21,708	21,244	81	76	37 427	1 897,360	10 458,897	5,512	5,048
32	27	97 774	30 102,522	647 395,079	21,506	21,042	82	77	33 747	1 648,984	8 561,538	5,192	4,728
33	28	97 676	28 985,334	617 292,557	21,297	20,832	83	78	30 072	1 416,280	6 912,553	4,881	4,416
34	29	97 579	27 910,130	588 307,223	21,079	20,614	84	79	26 447	1 200,527	5 496,273	4,578	4,114
35	30	97 473	26 872,140	560 397,093	20,854	20,390	85	80	22 901	1 002,003	4 295,747	4,287	3,823
36	31	97 362	25 871,338	533 524,953	20,622	20,158	86	81	19 437	819,683	3 293,744	4,018	3,554
37	32	97 242	24 905,360	507 653,615	20,383	19,919	87	82	16 154	656,609	2 474,061	3,768	3,304
38	33	97 112	23 973,151	482 748,255	20,137	19,673	88	83	13 074	512,199	1 817,453	3,548	3,084
39	34	96 972	23 073,424	458 775,104	19,883	19,419	89	84	10 380	391,985	1 305,253	3,330	2,865
40	35	96 819	22 204,324	435 701,681	19,622	19,158	90	85	8 033	292,369	913,268	3,124	2,659
41	36	96 646	21 363,471	413 497,357	19,355	18,891	91	86	6 100	213,990	620,900	2,902	2,437
42	37	96 457	20 551,123	392 133,886	19,081	18,616	92	87	4 440	150,136	406,909	2,710	2,246
43	38	96 251	19 765,952	371 582,763	18,799	18,335	93	88	3 077	100,285	256,773	2,560	2,096
44	39	96 009	19 003,672	351 816,811	18,513	18,049	94	89	2 061	64,736	156,488	2,417	1,953
45	40	95 738	18 264,958	332 813,139	18,221	17,757	95	90	1 324	40,099	91,753	2,288	1,824
46	41	95 439	17 549,824	314 548,181	17,923	17,459	96	91	821	23,962	51,653	2,156	1,691
47	42	95 097	16 854,882	296 998,357	17,621	17,156	97	92	481	13,523	27,691	2,048	1,583
48	43	94 713	16 180,097	280 143,475	17,314	16,850	98	93	268	7,273	14,168	1,948	1,484
49	44	94 279	15 523,797	263 963,377	17,004	16,539	99	94	142	3,712	6,895	1,858	1,393
							100	95	71	1,793	3,183	1,776	1,311

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	14 904,411	249 908,417	16,767	16,303
1							51	45	93 405	14 288,153	235 004,006	16,447	15,983
2							52	46	92 831	13 687,058	220 715,853	16,126	15,661
3							53	47	92 199	13 102,606	207 028,796	15,801	15,336
4							54	48	91 511	12 534,770	193 926,190	15,471	15,007
5							55	49	90 756	11 982,041	181 391,420	15,139	14,674
6	0	99 498	79 778,724	1 999 603,275	25,064	24,600	56	50	89 942	11 445,290	169 409,379	14,802	14,337
7	1	99 170	76 641,040	1 919 824,551	25,050	24,585	57	51	89 063	10 923,846	157 964,088	14,460	13,996
8	2	99 132	73 842,736	1 843 183,511	24,961	24,497	58	52	88 134	10 419,134	147 040,242	14,113	13,648
9	3	99 106	71 155,405	1 769 340,776	24,866	24,401	59	53	87 112	9 926,157	136 621,108	13,764	13,299
10	4	99 083	68 567,802	1 698 185,371	24,767	24,302	60	54	86 014	9 446,762	126 694,951	13,411	12,947
11	5	99 063	66 075,619	1 629 617,568	24,663	24,198	61	55	84 831	8 980,065	117 248,189	13,056	12,592
12	6	99 044	63 675,391	1 563 541,949	24,555	24,090	62	56	83 575	8 527,390	108 268,124	12,697	12,232
13	7	99 026	61 362,532	1 499 866,559	24,443	23,978	63	57	82 235	8 087,333	99 740,734	12,333	11,869
14	8	99 009	59 134,491	1 438 504,026	24,326	23,862	64	58	80 820	7 660,901	91 653,401	11,964	11,499
15	9	98 986	56 984,160	1 379 369,536	24,206	23,742	65	59	79 295	7 244,688	83 992,501	11,594	11,129
16	10	98 960	54 910,035	1 322 385,376	24,083	23,618	66	60	77 686	6 841,149	76 747,812	11,219	10,754
17	11	98 923	52 905,379	1 267 475,341	23,957	23,493	67	61	75 973	6 448,503	69 906,663	10,841	10,376
18	12	98 881	50 971,676	1 214 569,962	23,828	23,364	68	62	74 180	6 068,674	63 458,160	10,457	9,992
19	13	98 819	49 098,260	1 163 598,286	23,699	23,235	69	63	72 266	5 698,389	57 389,486	10,071	9,607
20	14	98 755	47 293,165	1 114 500,026	23,566	23,101	70	64	70 232	5 337,857	51 691,097	9,684	9,219
21	15	98 684	45 550,902	1 067 206,861	23,429	22,964	71	65	68 082	4 987,411	46 353,240	9,294	8,830
22	16	98 615	43 873,777	1 021 655,959	23,286	22,822	72	66	65 809	4 646,699	41 365,829	8,902	8,438
23	17	98 544	42 257,390	977 782,182	23,139	22,674	73	67	63 370	4 312,711	36 719,129	8,514	8,050
24	18	98 472	40 700,436	935 524,792	22,986	22,521	74	68	60 785	3 987,278	32 406,418	8,127	7,663
25	19	98 394	39 198,171	894 824,355	22,828	22,364	75	69	58 017	3 668,155	28 419,140	7,748	7,283
26	20	98 314	37 750,858	855 626,184	22,665	22,201	76	70	55 102	3 357,904	24 750,985	7,371	6,907
27	21	98 234	36 356,475	817 875,326	22,496	22,032	77	71	52 039	3 056,638	21 393,081	6,999	6,534
28	22	98 150	35 012,637	781 518,851	22,321	21,857	78	72	48 793	2 762,383	18 336,442	6,638	6,173
29	23	98 067	33 718,457	746 506,214	22,139	21,675	79	73	45 365	2 475,496	15 574,060	6,291	5,827
30	24	97 982	32 471,421	712 787,757	21,951	21,487	80	74	41 878	2 202,610	13 098,564	5,947	5,482
31	25	97 894	31 269,853	680 316,336	21,756	21,292	81	75	38 280	1 940,598	10 895,953	5,615	5,150
32	26	97 800	30 110,566	649 046,483	21,555	21,091	82	76	34 625	1 691,869	8 955,355	5,293	4,829
33	27	97 701	28 992,818	618 935,917	21,348	20,883	83	77	30 969	1 458,510	7 263,486	4,980	4,516
34	28	97 605	27 917,381	589 943,099	21,132	20,667	84	78	27 357	1 241,827	5 804,976	4,675	4,210
35	29	97 500	26 879,595	562 025,718	20,909	20,445	85	79	23 795	1 041,096	4 563,148	4,383	3,919
36	30	97 389	25 878,440	535 146,123	20,679	20,215	86	80	20 318	856,847	3 522,052	4,110	3,646
37	31	97 273	24 913,482	509 267,682	20,441	19,977	87	81	16 995	690,800	2 665,205	3,858	3,394
38	32	97 146	23 981,457	484 354,200	20,197	19,733	88	82	13 862	543,083	1 974,404	3,636	3,171
39	33	97 007	23 081,774	460 372,743	19,945	19,481	89	83	11 101	419,217	1 431,321	3,414	2,950
40	34	96 859	22 213,338	437 290,969	19,686	19,222	90	84	8 674	315,728	1 012,104	3,206	2,741
41	35	96 687	21 372,579	415 077,630	19,421	18,957	91	85	6 669	233,945	696,376	2,977	2,512
42	36	96 502	20 560,711	393 705,051	19,148	18,684	92	86	4 915	166,199	462,431	2,782	2,318
43	37	96 302	19 776,368	373 144,341	18,868	18,404	93	87	3 476	113,273	296,232	2,615	2,151
44	38	96 066	19 014,882	353 367,972	18,584	18,119	94	88	2 356	74,023	182,960	2,472	2,007
45	39	95 805	18 277,812	334 353,090	18,293	17,828	95	89	1 540	46,615	108,937	2,337	1,873
46	40	95 507	17 562,342	316 075,277	17,997	17,533	96	90	964	28,131	62,322	2,215	1,751
47	41	95 176	16 868,900	298 512,935	17,696	17,232	97	91	581	16,355	34,191	2,091	1,626
48	42	94 803	16 195,417	281 644,035	17,390	16,926	98	92	331	8,968	17,837	1,989	1,524
49	43	94 379	15 540,201	265 448,618	17,081	16,617	99	93	179	4,680	8,869	1,895	1,431
							100	94	92	2,315	4,189	1,810	1,345

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	14 920,160	251 257,290	16,840	16,376
1							51	44	93 511	14 304,328	236 337,130	16,522	16,058
2							52	45	92 956	13 705,595	222 032,801	16,200	15,736
3							53	46	92 342	13 122,959	208 327,206	15,875	15,411
4							54	47	91 670	12 556,561	195 204,247	15,546	15,082
5							55	48	90 925	12 004,285	182 647,686	15,215	14,751
6							56	49	90 130	11 469,285	170 643,402	14,878	14,414
7	0	99 488	76 887,049	1 921 755,313	24,995	24,530	57	50	89 272	10 949,429	159 174,117	14,537	14,073
8	1	99 160	73 863,738	1 844 868,264	24,977	24,512	58	51	88 354	10 445,151	148 224,688	14,191	13,726
9	2	99 122	71 166,878	1 771 004,527	24,885	24,421	59	52	87 354	9 953,738	137 779,537	13,842	13,378
10	3	99 098	68 577,636	1 699 837,649	24,787	24,323	60	53	86 276	9 475,560	127 825,799	13,490	13,026
11	4	99 075	66 083,539	1 631 260,013	24,685	24,220	61	54	85 102	9 008,768	118 350,239	13,137	12,673
12	5	99 053	63 681,151	1 565 176,474	24,578	24,114	62	55	83 877	8 558,178	109 341,471	12,776	12,312
13	6	99 034	61 367,453	1 501 495,323	24,467	24,003	63	56	82 548	8 118,124	100 783,293	12,415	11,950
14	7	99 017	59 139,431	1 440 127,871	24,351	23,887	64	57	81 155	7 692,643	92 665,169	12,046	11,582
15	8	98 993	56 987,700	1 380 988,439	24,233	23,769	65	58	79 658	7 277,873	84 972,526	11,675	11,211
16	9	98 967	54 913,521	1 324 000,740	24,111	23,646	66	59	78 059	6 873,995	77 694,654	11,303	10,838
17	10	98 931	52 909,641	1 269 087,219	23,986	23,522	67	60	76 391	6 483,957	70 820,658	10,922	10,458
18	11	98 889	50 975,725	1 216 177,578	23,858	23,394	68	61	74 604	6 103,374	64 336,702	10,541	10,077
19	12	98 826	49 102,024	1 165 201,853	23,730	23,266	69	62	72 722	5 734,371	58 233,328	10,155	9,691
20	13	98 765	47 297,818	1 116 099,829	23,597	23,133	70	63	70 703	5 373,693	52 498,956	9,770	9,305
21	14	98 696	45 556,542	1 068 802,011	23,461	22,997	71	64	68 575	5 023,560	47 125,264	9,381	8,916
22	15	98 628	43 879,725	1 023 245,469	23,319	22,855	72	65	66 323	4 682,957	42 101,704	8,990	8,526
23	16	98 560	42 264,184	979 365,744	23,172	22,708	73	66	63 895	4 348,454	37 418,747	8,605	8,141
24	17	98 489	40 707,582	937 101,559	23,020	22,556	74	67	61 338	4 023,570	33 070,293	8,219	7,755
25	18	98 415	39 206,736	896 393,977	22,863	22,399	75	68	58 591	3 704,441	29 046,723	7,841	7,377
26	19	98 336	37 758,978	857 187,242	22,702	22,237	76	69	55 713	3 395,141	25 342,283	7,464	7,000
27	20	98 254	36 364,147	819 428,263	22,534	22,070	77	70	52 668	3 093,601	21 947,142	7,094	6,630
28	21	98 172	35 020,206	783 064,116	22,360	21,896	78	71	49 453	2 799,740	18 853,540	6,734	6,270
29	22	98 090	33 726,207	748 043,910	22,180	21,715	79	72	46 078	2 514,407	16 053,801	6,385	5,920
30	23	98 004	32 478,809	714 317,703	21,993	21,529	80	73	42 617	2 241,467	13 539,394	6,040	5,576
31	24	97 916	31 276,964	681 838,894	21,800	21,336	81	74	39 034	1 978,838	11 297,927	5,709	5,245
32	25	97 822	30 117,277	650 561,930	21,601	21,137	82	75	35 414	1 730,425	9 319,090	5,385	4,921
33	26	97 727	29 000,566	620 444,652	21,394	20,930	83	76	31 774	1 496,441	7 588,665	5,071	4,607
34	27	97 630	27 924,590	591 444,087	21,180	20,716	84	77	28 172	1 278,856	6 092,223	4,764	4,299
35	28	97 526	26 886,578	563 519,497	20,959	20,495	85	78	24 613	1 076,913	4 813,367	4,470	4,005
36	29	97 416	25 885,620	536 632,919	20,731	20,267	86	79	21 111	890,278	3 736,455	4,197	3,733
37	30	97 300	24 920,322	510 747,299	20,495	20,031	87	80	17 765	722,121	2 846,177	3,941	3,477
38	31	97 177	23 989,278	485 826,977	20,252	19,787	88	81	14 584	571,363	2 124,056	3,718	3,253
39	32	97 041	23 089,771	461 837,699	20,002	19,537	89	82	11 771	444,495	1 552,693	3,493	3,029
40	33	96 894	22 221,378	438 747,928	19,744	19,280	90	83	9 277	337,662	1 108,198	3,282	2,818
41	34	96 727	21 381,256	416 526,550	19,481	19,016	91	84	7 201	252,636	770,536	3,050	2,586
42	35	96 544	20 569,477	395 145,294	19,210	18,746	92	85	5 373	181,697	517,900	2,850	2,386
43	36	96 347	19 785,595	374 575,817	18,932	18,467	93	86	3 847	125,392	336,203	2,681	2,217
44	37	96 117	19 024,903	354 790,223	18,649	18,184	94	87	2 662	83,610	210,811	2,521	2,057
45	38	95 862	18 288,595	335 765,320	18,359	17,895	95	88	1 760	53,302	127,202	2,386	1,922
46	39	95 574	17 574,702	317 476,725	18,064	17,600	96	89	1 121	32,701	73,900	2,260	1,795
47	40	95 244	16 880,933	299 902,024	17,766	17,301	97	90	683	19,200	41,198	2,146	1,681
48	41	94 882	16 208,886	283 021,091	17,461	16,996	98	91	400	10,846	21,998	2,028	1,564
49	42	94 468	15 554,915	266 812,205	17,153	16,688	99	92	221	5,771	11,152	1,933	1,468
							100	93	116	2,918	5,381	1,844	1,380

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	14 934,287	252 494,782	16,907	16,443
1							51	43	93 609	14 319,443	237 560,495	16,590	16,126
2							52	44	93 062	13 721,111	223 241,052	16,270	15,805
3							53	45	92 468	13 140,732	209 519,940	15,944	15,480
4							54	46	91 813	12 576,065	196 379,208	15,615	15,151
5							55	47	91 083	12 025,153	183 803,143	15,285	14,820
6							56	48	90 297	11 490,576	171 777,989	14,949	14,485
7							57	49	89 459	10 972,384	160 287,413	14,608	14,144
8	0	99 478	74 100,832	1 846 652,080	24,921	24,456	58	50	88 561	10 469,613	149 315,029	14,262	13,797
9	1	99 150	71 187,119	1 772 551,249	24,900	24,435	59	51	87 572	9 978,592	138 845,416	13,914	13,450
10	2	99 114	68 588,693	1 701 364,129	24,805	24,341	60	52	86 516	9 501,888	128 866,824	13,562	13,098
11	3	99 089	66 093,016	1 632 775,436	24,704	24,240	61	53	85 361	9 036,231	119 364,936	13,210	12,745
12	4	99 065	63 688,784	1 566 682,421	24,599	24,135	62	54	84 145	8 585,533	110 328,705	12,851	12,386
13	5	99 043	61 373,004	1 502 993,637	24,489	24,025	63	55	82 846	8 147,435	101 743,172	12,488	12,023
14	6	99 025	59 144,173	1 441 620,632	24,375	23,910	64	56	81 464	7 721,931	93 595,738	12,121	11,656
15	7	99 001	56 992,461	1 382 476,459	24,257	23,793	65	57	79 988	7 308,028	85 873,806	11,751	11,286
16	8	98 973	54 916,932	1 325 483,998	24,136	23,672	66	58	78 417	6 905,482	78 565,779	11,377	10,913
17	9	98 937	52 913,000	1 270 567,066	24,012	23,548	67	59	76 758	6 515,088	71 660,297	10,999	10,535
18	10	98 897	50 979,832	1 217 654,066	23,885	23,421	68	60	75 014	6 136,930	65 145,209	10,615	10,151
19	11	98 834	49 105,924	1 166 674,234	23,758	23,294	69	61	73 138	5 767,160	59 008,278	10,232	9,767
20	12	98 773	47 301,444	1 117 568,310	23,627	23,162	70	62	71 150	5 407,624	53 241,118	9,846	9,381
21	13	98 706	45 561,024	1 070 266,867	23,491	23,026	71	63	69 036	5 057,285	47 833,494	9,458	8,994
22	14	98 641	43 885,158	1 024 705,843	23,350	22,885	72	64	66 804	4 716,899	42 776,209	9,069	8,604
23	15	98 573	42 269,915	980 820,685	23,204	22,739	73	65	64 394	4 382,385	38 059,310	8,685	8,220
24	16	98 505	40 714,127	938 550,770	23,052	22,588	74	66	61 847	4 056,916	33 676,926	8,301	7,837
25	17	98 433	39 213,619	897 836,643	22,896	22,432	75	67	59 124	3 738,158	29 620,009	7,924	7,459
26	18	98 357	37 767,228	858 623,024	22,735	22,270	76	68	56 264	3 428,726	25 881,852	7,549	7,084
27	19	98 276	36 371,969	820 855,795	22,568	22,104	77	69	53 252	3 127,907	22 453,126	7,178	6,714
28	20	98 192	35 027,597	784 483,826	22,396	21,932	78	70	50 051	2 833,596	19 325,219	6,820	6,356
29	21	98 111	33 733,498	749 456,229	22,217	21,753	79	71	46 701	2 548,410	16 491,623	6,471	6,007
30	22	98 026	32 486,274	715 722,731	22,032	21,567	80	72	43 287	2 276,699	13 943,213	6,124	5,660
31	23	97 939	31 284,080	683 236,457	21,840	21,375	81	73	39 723	2 013,747	11 666,514	5,793	5,329
32	24	97 844	30 124,126	651 952,377	21,642	21,178	82	74	36 112	1 764,523	9 652,767	5,470	5,006
33	25	97 749	29 007,030	621 828,251	21,437	20,973	83	75	32 498	1 530,544	7 888,244	5,154	4,689
34	26	97 656	27 932,052	592 821,221	21,224	20,759	84	76	28 905	1 312,115	6 357,700	4,845	4,381
35	27	97 551	26 893,521	564 889,169	21,005	20,540	85	77	25 347	1 109,024	5 045,586	4,550	4,085
36	28	97 441	25 892,345	537 995,649	20,778	20,314	86	78	21 837	920,905	3 936,562	4,275	3,810
37	29	97 327	24 927,235	512 103,304	20,544	20,080	87	79	18 459	750,295	3 015,657	4,019	3,555
38	30	97 204	23 995,864	487 176,069	20,303	19,838	88	80	15 245	597,269	2 265,362	3,793	3,328
39	31	97 073	23 097,302	463 180,205	20,053	19,589	89	81	12 384	467,641	1 668,093	3,567	3,103
40	32	96 927	22 229,077	440 082,903	19,798	19,333	90	82	9 836	358,022	1 200,452	3,353	2,889
41	33	96 762	21 388,994	417 853,827	19,536	19,072	91	83	7 702	270,187	842,430	3,118	2,654
42	34	96 583	20 577,828	396 464,832	19,267	18,802	92	84	5 803	196,214	572,243	2,916	2,452
43	35	96 388	19 794,030	375 887,005	18,990	18,525	93	85	4 206	137,084	376,029	2,743	2,279
44	36	96 162	19 033,778	356 092,975	18,708	18,244	94	86	2 946	92,555	238,944	2,582	2,117
45	37	95 912	18 298,232	337 059,196	18,420	17,956	95	87	1 988	60,205	146,390	2,432	1,967
46	38	95 631	17 585,069	318 760,964	18,127	17,662	96	88	1 281	37,393	86,184	2,305	1,840
47	39	95 311	16 892,813	301 175,895	17,829	17,364	97	89	793	22,320	48,792	2,186	1,722
48	40	94 949	16 220,448	284 283,082	17,526	17,062	98	90	470	12,733	26,472	2,079	1,615
49	41	94 547	15 567,851	268 062,634	17,219	16,755	99	91	267	6,979	13,739	1,969	1,504
							100	92	143	3,598	6,760	1,879	1,414

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	14 946,708	253 628,928	16,969	16,504
1							51	42	93 698	14 333,002	238 682,220	16,653	16,188
2							52	43	93 160	13 735,610	224 349,219	16,333	15,869
3							53	44	92 572	13 155,609	210 613,609	16,009	15,545
4							54	45	91 937	12 593,098	197 458,000	15,680	15,215
5							55	46	91 224	12 043,832	184 864,902	15,349	14,885
6							56	47	90 454	11 510,552	172 821,069	15,014	14,550
7							57	48	89 625	10 992,753	161 310,517	14,674	14,210
8							58	49	88 746	10 491,562	150 317,764	14,327	13,863
9	0	99 469	71 415,622	1 774 199,179	24,843	24,379	59	50	87 778	10 001,961	139 826,202	13,980	13,515
10	1	99 142	68 608,201	1 702 783,557	24,819	24,355	60	51	86 732	9 525,614	129 824,241	13,629	13,165
11	2	99 105	66 103,673	1 634 175,357	24,721	24,257	61	52	85 599	9 061,338	120 298,626	13,276	12,812
12	3	99 079	63 697,917	1 568 071,684	24,617	24,153	62	53	84 402	8 611,705	111 237,288	12,917	12,453
13	4	99 055	61 380,361	1 504 373,767	24,509	24,045	63	54	83 111	8 173,477	102 625,583	12,556	12,092
14	5	99 034	59 149,524	1 442 993,406	24,396	23,931	64	55	81 758	7 749,811	94 452,106	12,188	11,723
15	6	99 009	56 997,031	1 383 843,882	24,279	23,815	65	56	80 293	7 335,852	86 702,295	11,819	11,355
16	7	98 981	54 921,520	1 326 846,851	24,159	23,695	66	57	78 742	6 934,094	79 366,443	11,446	10,981
17	8	98 943	52 916,287	1 271 925,331	24,037	23,572	67	58	77 110	6 544,931	72 432,349	11,067	10,603
18	9	98 904	50 983,068	1 219 009,044	23,910	23,446	68	59	75 374	6 166,395	65 887,418	10,685	10,220
19	10	98 842	49 109,880	1 168 025,976	23,784	23,320	69	60	73 540	5 798,868	59 721,023	10,299	9,834
20	11	98 780	47 305,201	1 118 916,096	23,653	23,189	70	61	71 557	5 438,545	53 922,155	9,915	9,450
21	12	98 714	45 564,517	1 071 610,895	23,519	23,054	71	62	69 471	5 089,219	48 483,610	9,527	9,062
22	13	98 650	43 889,476	1 026 046,379	23,378	22,914	72	63	67 252	4 748,565	43 394,392	9,138	8,674
23	14	98 585	42 275,148	982 156,903	23,232	22,768	73	64	64 860	4 414,148	38 645,826	8,755	8,291
24	15	98 519	40 719,647	939 881,755	23,082	22,617	74	65	62 329	4 088,572	34 231,678	8,373	7,908
25	16	98 449	39 219,924	899 162,107	22,926	22,462	75	66	59 614	3 769,139	30 143,107	7,997	7,533
26	17	98 374	37 773,859	859 942,183	22,766	22,301	76	67	56 776	3 459,933	26 373,968	7,623	7,158
27	18	98 297	36 379,916	822 168,324	22,600	22,135	77	68	53 779	3 158,849	22 914,035	7,254	6,789
28	19	98 213	35 035,131	785 788,408	22,429	21,964	78	69	50 606	2 865,019	19 755,186	6,895	6,431
29	20	98 131	33 740,617	750 753,277	22,251	21,786	79	70	47 266	2 579,227	16 890,167	6,549	6,084
30	21	98 048	32 493,297	717 012,660	22,066	21,602	80	71	43 872	2 307,488	14 310,940	6,202	5,738
31	22	97 961	31 291,271	684 519,363	21,876	21,411	81	72	40 347	2 045,399	12 003,452	5,869	5,404
32	23	97 866	30 130,980	653 228,092	21,680	21,215	82	73	36 749	1 795,651	9 958,053	5,546	5,081
33	24	97 771	29 013,626	623 097,112	21,476	21,012	83	74	33 139	1 560,703	8 162,401	5,230	4,766
34	25	97 678	27 938,278	594 083,487	21,264	20,800	84	75	29 564	1 342,016	6 601,699	4,919	4,455
35	26	97 577	26 900,707	566 145,209	21,046	20,581	85	76	26 006	1 137,866	5 259,682	4,622	4,158
36	27	97 466	25 899,030	539 244,501	20,821	20,357	86	77	22 488	948,364	4 121,816	4,346	3,882
37	28	97 352	24 933,711	513 345,471	20,588	20,124	87	78	19 094	776,107	3 173,452	4,089	3,625
38	29	97 231	24 002,521	488 411,760	20,348	19,884	88	79	15 840	620,571	2 397,345	3,863	3,399
39	30	97 099	23 103,642	464 409,239	20,101	19,637	89	80	12 945	488,844	1 776,773	3,635	3,170
40	31	96 959	22 236,326	441 305,596	19,846	19,382	90	81	10 349	376,665	1 287,930	3,419	2,955
41	32	96 795	21 396,405	419 069,270	19,586	19,122	91	82	8 166	286,479	911,264	3,181	2,716
42	33	96 618	20 585,275	397 672,865	19,318	18,854	92	83	6 206	209,845	624,786	2,977	2,513
43	34	96 427	19 802,066	377 087,590	19,043	18,578	93	84	4 542	148,037	414,940	2,803	2,339
44	35	96 203	19 041,893	357 285,524	18,763	18,299	94	85	3 221	101,186	266,903	2,638	2,173
45	36	95 957	18 306,769	338 243,631	18,476	18,012	95	86	2 201	66,647	165,718	2,487	2,022
46	37	95 681	17 594,336	319 936,862	18,184	17,720	96	87	1 447	42,236	99,071	2,346	1,881
47	38	95 367	16 902,778	302 342,525	17,887	17,423	97	88	907	25,522	56,836	2,227	1,763
48	39	95 016	16 231,863	285 439,747	17,585	17,121	98	89	546	14,802	31,314	2,116	1,651
49	40	94 614	15 578,956	269 207,884	17,280	16,816	99	90	314	8,193	16,512	2,015	1,551
							100	91	173	4,352	8,319	1,912	1,447

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	14 957,369	254 667,197	17,026	16,562
1							51	41	93 776	14 344,922	239 709,828	16,710	16,246
2							52	42	93 248	13 748,615	225 364,906	16,392	15,927
3							53	43	92 670	13 169,510	211 616,290	16,069	15,604
4							54	44	92 041	12 607,355	198 446,780	15,741	15,276
5							55	45	91 348	12 060,144	185 839,426	15,409	14,945
6							56	46	90 595	11 528,432	173 779,281	15,074	14,610
7							57	47	89 781	11 011,863	162 250,849	14,734	14,270
8							58	48	88 911	10 511,038	151 238,986	14,389	13,924
9							59	49	87 962	10 022,930	140 727,948	14,041	13,576
10	0	99 460	68 828,425	1 704 306,041	24,762	24,297	60	50	86 935	9 547,923	130 705,018	13,689	13,225
11	1	99 133	66 122,473	1 635 477,615	24,734	24,270	61	51	85 812	9 083,965	121 157,095	13,337	12,873
12	2	99 095	63 708,188	1 569 355,142	24,633	24,169	62	52	84 636	8 635,633	112 073,130	12,978	12,514
13	3	99 069	61 389,163	1 505 646,954	24,526	24,062	63	53	83 364	8 198,393	103 437,497	12,617	12,152
14	4	99 046	59 156,614	1 444 257,791	24,414	23,950	64	54	82 019	7 774,582	95 239,104	12,250	11,786
15	5	99 018	57 002,187	1 385 101,177	24,299	23,835	65	55	80 583	7 362,338	87 464,521	11,880	11,416
16	6	98 989	54 925,924	1 328 098,990	24,180	23,715	66	56	79 041	6 960,494	80 102,183	11,508	11,044
17	7	98 952	52 920,708	1 273 173,066	24,058	23,594	67	57	77 429	6 572,049	73 141,689	11,129	10,665
18	8	98 910	50 986,235	1 220 252,358	23,933	23,469	68	58	75 719	6 194,641	66 569,640	10,746	10,282
19	9	98 849	49 112,998	1 169 266,123	23,808	23,343	69	59	73 893	5 826,710	60 375,000	10,362	9,897
20	10	98 788	47 309,012	1 120 153,125	23,677	23,213	70	60	71 950	5 468,446	54 548,290	9,975	9,511
21	11	98 721	45 568,136	1 072 844,113	23,544	23,079	71	61	69 869	5 118,319	49 079,844	9,589	9,125
22	12	98 658	43 892,840	1 027 275,977	23,404	22,940	72	62	67 677	4 778,549	43 961,525	9,200	8,735
23	13	98 595	42 279,307	983 383,137	23,259	22,795	73	63	65 296	4 443,782	39 182,976	8,817	8,353
24	14	98 531	40 724,689	941 103,830	23,109	22,645	74	64	62 781	4 118,206	34 739,194	8,436	7,971
25	15	98 462	39 225,242	900 379,141	22,954	22,490	75	65	60 079	3 798,549	30 620,988	8,061	7,597
26	16	98 390	37 779,933	861 153,899	22,794	22,330	76	66	57 246	3 488,608	26 822,439	7,689	7,224
27	17	98 314	36 386,303	823 373,967	22,629	22,164	77	67	54 269	3 187,600	23 333,831	7,320	6,856
28	18	98 235	35 042,786	786 987,663	22,458	21,993	78	68	51 106	2 893,359	20 146,231	6,963	6,498
29	19	98 153	33 747,875	751 944,878	22,281	21,817	79	69	47 790	2 607,829	17 252,872	6,616	6,151
30	20	98 068	32 500,154	718 197,003	22,098	21,634	80	70	44 403	2 335,392	14 645,043	6,271	5,806
31	21	97 982	31 298,036	685 696,848	21,909	21,444	81	71	40 893	2 073,060	12 309,651	5,938	5,473
32	22	97 889	30 137,905	654 398,813	21,713	21,249	82	72	37 327	1 823,876	10 236,590	5,613	5,148
33	23	97 793	29 020,227	624 260,908	21,511	21,047	83	73	33 723	1 588,236	8 412,715	5,297	4,832
34	24	97 700	27 944,631	595 240,681	21,301	20,836	84	74	30 146	1 368,461	6 824,479	4,987	4,523
35	25	97 599	26 906,703	567 296,050	21,084	20,619	85	75	26 599	1 163,797	5 456,018	4,688	4,224
36	26	97 493	25 905,951	540 389,347	20,860	20,395	86	76	23 073	973,028	4 292,222	4,411	3,947
37	27	97 378	24 940,149	514 483,396	20,629	20,164	87	77	19 663	799,249	3 319,194	4,153	3,688
38	28	97 256	24 008,757	489 543,246	20,390	19,926	88	78	16 385	641,920	2 519,945	3,926	3,461
39	29	97 126	23 110,052	465 534,489	20,144	19,680	89	79	13 450	507,916	1 878,024	3,698	3,233
40	30	96 985	22 242,431	442 424,437	19,891	19,427	90	80	10 818	393,743	1 370,108	3,480	3,015
41	31	96 827	21 403,383	420 182,007	19,632	19,167	91	81	8 591	301,397	976,365	3,239	2,775
42	32	96 651	20 592,407	398 778,624	19,365	18,901	92	82	6 580	222,498	674,968	3,034	2,569
43	33	96 462	19 809,233	378 186,217	19,091	18,627	93	83	4 858	158,321	452,470	2,858	2,393
44	34	96 242	19 049,624	358 376,984	18,813	18,348	94	84	3 478	109,270	294,148	2,692	2,228
45	35	95 998	18 314,574	339 327,360	18,528	18,063	95	85	2 406	72,861	184,878	2,537	2,073
46	36	95 726	17 602,545	321 012,786	18,237	17,772	96	86	1 602	46,754	112,017	2,396	1,931
47	37	95 417	16 911,685	303 410,241	17,941	17,476	97	87	1 025	28,827	65,263	2,264	1,800
48	38	95 072	16 241,439	286 498,556	17,640	17,176	98	88	624	16,925	36,436	2,153	1,688
49	39	94 681	15 589,920	270 257,117	17,335	16,871	99	89	364	9,525	19,510	2,048	1,584
							100	90	203	5,109	9,986	1,955	1,490

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	14 967,895	255 618,157	17,078	16,613
1							51	40	93 843	14 355,154	240 650,262	16,764	16,300
2							52	41	93 326	13 760,050	226 295,108	16,446	15,981
3							53	42	92 758	13 181,980	212 535,058	16,123	15,659
4							54	43	92 138	12 620,676	199 353,078	15,796	15,331
5							55	44	91 451	12 073,798	186 732,402	15,466	15,001
6							56	45	90 718	11 544,046	174 658,604	15,130	14,665
7							57	46	89 920	11 028,968	163 114,558	14,790	14,325
8							58	47	89 066	10 529,311	152 085,590	14,444	13,980
9							59	48	88 125	10 041,537	141 556,279	14,097	13,633
10							60	49	87 117	9 567,940	131 514,742	13,745	13,281
11	0	99 451	66 334,719	1 636 884,447	24,676	24,212	61	50	86 013	9 105,239	121 946,803	13,393	12,929
12	1	99 123	63 726,308	1 570 549,728	24,645	24,181	62	51	84 848	8 657,196	112 841,564	13,034	12,570
13	2	99 085	61 399,062	1 506 823,421	24,541	24,077	63	52	83 596	8 221,173	104 184,367	12,673	12,208
14	3	99 060	59 165,097	1 445 424,359	24,430	23,966	64	53	82 269	7 798,283	95 963,195	12,306	11,841
15	4	99 030	57 009,020	1 386 259,262	24,316	23,852	65	54	80 840	7 385,871	88 164,912	11,937	11,473
16	5	98 998	54 930,893	1 329 250,243	24,199	23,734	66	55	79 327	6 985,625	80 779,041	11,564	11,099
17	6	98 960	52 924,952	1 274 319,349	24,078	23,613	67	56	77 724	6 597,071	73 793,416	11,186	10,721
18	7	98 918	50 990,495	1 221 394,398	23,953	23,489	68	57	76 033	6 220,307	67 196,345	10,803	10,338
19	8	98 855	49 116,049	1 170 403,903	23,829	23,365	69	58	74 231	5 853,399	60 976,038	10,417	9,953
20	9	98 795	47 312,015	1 121 287,854	23,700	23,235	70	59	72 296	5 494,701	55 122,639	10,032	9,568
21	10	98 729	45 571,807	1 073 975,839	23,567	23,102	71	60	70 253	5 146,459	49 627,937	9,643	9,179
22	11	98 666	43 896,327	1 028 404,032	23,428	22,964	72	61	68 064	4 805,873	44 481,478	9,256	8,791
23	12	98 602	42 282,548	984 507,705	23,284	22,820	73	62	65 708	4 471,842	39 675,605	8,872	8,408
24	13	98 541	40 728,695	942 225,157	23,134	22,670	74	63	63 202	4 145,853	35 203,764	8,491	8,027
25	14	98 474	39 230,098	901 496,462	22,980	22,515	75	64	60 515	3 826,081	31 057,911	8,117	7,653
26	15	98 404	37 785,055	862 266,364	22,820	22,356	76	65	57 693	3 515,829	27 231,830	7,745	7,281
27	16	98 330	36 392,154	824 481,309	22,655	22,191	77	66	54 718	3 214,018	23 716,000	7,379	6,915
28	17	98 252	35 048,938	788 089,155	22,485	22,021	78	67	51 571	2 919,694	20 501,982	7,022	6,558
29	18	98 174	33 755,248	753 040,217	22,309	21,844	79	68	48 263	2 633,626	17 582,288	6,676	6,212
30	19	98 089	32 507,145	719 284,969	22,127	21,663	80	69	44 895	2 361,290	14 948,662	6,331	5,866
31	20	98 003	31 304,641	686 777,823	21,939	21,474	81	70	41 387	2 098,129	12 587,373	5,999	5,535
32	21	97 910	30 144,421	655 473,183	21,744	21,280	82	71	37 832	1 848,541	10 489,244	5,674	5,210
33	22	97 816	29 026,897	625 328,762	21,543	21,079	83	72	34 253	1 613,200	8 640,703	5,356	4,892
34	23	97 722	27 950,989	596 301,865	21,334	20,869	84	73	30 678	1 392,602	7 027,503	5,046	4,582
35	24	97 621	26 912,822	568 350,877	21,118	20,654	85	74	27 123	1 186,729	5 634,900	4,748	4,284
36	25	97 514	25 911,725	541 438,055	20,895	20,431	86	75	23 599	995,203	4 448,172	4,470	4,005
37	26	97 404	24 946,814	515 526,329	20,665	20,201	87	76	20 174	820,035	3 452,969	4,211	3,746
38	27	97 281	24 014,956	490 579,515	20,428	19,964	88	77	16 873	661,061	2 632,934	3,983	3,518
39	28	97 152	23 116,056	466 564,559	20,184	19,719	89	78	13 913	525,390	1 971,873	3,753	3,289
40	29	97 012	22 248,601	443 448,503	19,932	19,467	90	79	11 240	409,106	1 446,483	3,536	3,071
41	30	96 853	21 409,258	421 199,902	19,674	19,209	91	80	8 981	315,062	1 037,378	3,293	2,828
42	31	96 683	20 599,123	399 790,643	19,408	18,944	92	81	6 923	234,085	722,316	3,086	2,621
43	32	96 495	19 816,096	379 191,520	19,136	18,671	93	82	5 151	167,868	488,232	2,908	2,444
44	33	96 276	19 056,519	359 375,424	18,858	18,394	94	83	3 720	116,861	320,364	2,741	2,277
45	34	96 037	18 322,009	340 318,905	18,574	18,110	95	84	2 599	78,683	203,503	2,586	2,122
46	35	95 766	17 610,049	321 996,896	18,285	17,820	96	85	1 751	51,114	124,820	2,442	1,978
47	36	95 462	16 919,575	304 386,847	17,990	17,526	97	86	1 134	31,911	73,706	2,310	1,845
48	37	95 122	16 249,998	287 467,271	17,690	17,226	98	87	705	19,117	41,795	2,186	1,722
49	38	94 736	15 599,116	271 217,274	17,387	16,922	99	88	417	10,891	22,677	2,082	1,618
							100	89	236	5,939	11,786	1,985	1,520

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	14 976,725	256 488,203	17,126	16,661
1							51	39	93 909	14 365,257	241 511,477	16,812	16,348
2							52	40	93 392	13 769,865	227 146,221	16,496	16,031
3							53	41	92 835	13 192,943	213 376,356	16,174	15,709
4							54	42	92 226	12 632,626	200 183,413	15,847	15,382
5							55	43	91 548	12 086,556	187 550,787	15,517	15,053
6							56	44	90 820	11 557,115	175 464,231	15,182	14,718
7							57	45	90 042	11 043,906	163 907,117	14,841	14,377
8							58	46	89 204	10 545,666	152 863,211	14,495	14,031
9							59	47	88 278	10 058,993	142 317,544	14,148	13,684
10							60	48	87 279	9 585,702	132 258,551	13,797	13,333
11							61	49	86 194	9 124,327	122 672,849	13,445	12,980
12	0	99 442	63 930,862	1 571 850,048	24,587	24,122	62	50	85 046	8 677,471	113 548,522	13,085	12,621
13	1	99 113	61 416,524	1 507 919,186	24,552	24,088	63	51	83 805	8 241,701	104 871,051	12,724	12,260
14	2	99 076	59 174,637	1 446 502,662	24,445	23,980	64	52	82 498	7 819,951	96 629,350	12,357	11,892
15	3	99 044	57 017,195	1 387 328,025	24,332	23,867	65	53	81 087	7 408,386	88 809,399	11,988	11,523
16	4	99 010	54 937,477	1 330 310,830	24,215	23,751	66	54	79 580	7 007,954	81 401,013	11,616	11,151
17	5	98 969	52 929,740	1 275 373,353	24,096	23,631	67	55	78 004	6 620,890	74 393,059	11,236	10,772
18	6	98 926	50 994,584	1 222 443,613	23,972	23,508	68	56	76 323	6 243,990	67 772,170	10,854	10,390
19	7	98 863	49 120,152	1 171 449,029	23,849	23,384	69	57	74 539	5 877,652	61 528,180	10,468	10,004
20	8	98 801	47 314,954	1 122 328,877	23,720	23,256	70	58	72 627	5 519,870	55 650,528	10,082	9,617
21	9	98 736	45 574,700	1 075 013,923	23,588	23,124	71	59	70 590	5 171,169	50 130,658	9,694	9,230
22	10	98 674	43 899,863	1 029 439,223	23,450	22,985	72	60	68 438	4 832,296	44 959,489	9,304	8,840
23	11	98 610	42 285,907	985 539,360	23,307	22,842	73	61	66 084	4 497,412	40 127,194	8,922	8,458
24	12	98 548	40 731,818	943 253,453	23,158	22,693	74	62	63 602	4 172,032	35 629,782	8,540	8,076
25	13	98 484	39 233,958	902 521,635	23,004	22,539	75	63	60 921	3 851,767	31 457,570	8,167	7,703
26	14	98 416	37 789,733	863 287,678	22,845	22,380	76	64	58 111	3 541,312	27 605,984	7,795	7,331
27	15	98 343	36 397,088	825 497,945	22,680	22,216	77	65	55 145	3 239,097	24 064,671	7,429	6,965
28	16	98 268	35 054,574	789 100,857	22,511	22,046	78	66	51 999	2 943,892	20 825,575	7,074	6,610
29	17	98 191	33 761,175	754 046,283	22,335	21,870	79	67	48 702	2 657,596	17 881,683	6,729	6,264
30	18	98 111	32 514,247	720 285,109	22,153	21,688	80	68	45 339	2 384,648	15 224,086	6,384	5,920
31	19	98 024	31 311,374	687 770,861	21,966	21,501	81	69	41 846	2 121,396	12 839,439	6,052	5,588
32	20	97 930	30 150,782	656 459,487	21,773	21,308	82	70	38 289	1 870,895	10 718,043	5,729	5,264
33	21	97 837	29 033,172	626 308,705	21,572	21,108	83	71	34 716	1 635,016	8 847,148	5,411	4,947
34	22	97 745	27 957,413	597 275,532	21,364	20,899	84	72	31 160	1 414,492	7 212,132	5,099	4,634
35	23	97 643	26 918,945	569 318,119	21,149	20,685	85	73	27 602	1 207,664	5 797,640	4,801	4,336
36	24	97 536	25 917,618	542 399,174	20,928	20,463	86	74	24 064	1 014,813	4 589,976	4,523	4,059
37	25	97 425	24 952,375	516 481,557	20,699	20,234	87	75	20 634	838,722	3 575,163	4,263	3,798
38	26	97 307	24 021,373	491 529,182	20,462	19,998	88	76	17 312	678,253	2 736,441	4,035	3,570
39	27	97 177	23 122,025	467 507,808	20,219	19,755	89	77	14 328	541,056	2 058,188	3,804	3,340
40	28	97 038	22 254,382	444 385,784	19,968	19,504	90	78	11 627	423,180	1 517,132	3,585	3,121
41	29	96 880	21 415,198	422 131,402	19,712	19,247	91	79	9 331	327,354	1 093,952	3,342	2,877
42	30	96 709	20 604,778	400 716,204	19,448	18,983	92	80	7 237	244,698	766,598	3,133	2,668
43	31	96 527	19 822,559	380 111,426	19,176	18,711	93	81	5 419	176,609	521,900	2,955	2,491
44	32	96 310	19 063,121	360 288,867	18,900	18,435	94	82	3 944	123,908	345,291	2,787	2,322
45	33	96 072	18 328,641	341 225,747	18,617	18,153	95	83	2 779	84,149	221,384	2,631	2,166
46	34	95 805	17 617,199	322 897,106	18,329	17,864	96	84	1 891	55,198	137,235	2,486	2,022
47	35	95 503	16 926,789	305 279,907	18,035	17,571	97	85	1 240	34,887	82,037	2,351	1,887
48	36	95 167	16 257,579	288 353,119	17,737	17,272	98	86	781	21,162	47,150	2,228	1,764
49	37	94 786	15 607,337	272 095,540	17,434	16,969	99	87	471	12,301	25,987	2,113	1,648
							100	88	270	6,791	13,686	2,015	1,551



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	14 984,618	257 283,941	17,170	16,705
1							51	38	93 964	14 373,731	242 299,323	16,857	16,393
2							52	39	93 458	13 779,555	227 925,592	16,541	16,076
3							53	40	92 901	13 202,353	214 146,036	16,220	15,756
4							54	41	92 302	12 643,132	200 943,683	15,894	15,429
5							55	42	91 635	12 098,000	188 300,551	15,565	15,100
6							56	43	90 916	11 569,327	176 202,551	15,230	14,766
7							57	44	90 144	11 056,409	164 633,224	14,890	14,426
8							58	45	89 325	10 559,949	153 576,815	14,543	14,079
9							59	46	88 415	10 074,618	143 016,866	14,196	13,731
10							60	47	87 431	9 602,366	132 942,248	13,845	13,380
11							61	48	86 354	9 141,266	123 339,882	13,493	13,028
12							62	49	85 225	8 695,663	114 198,616	13,133	12,668
13	0	99 431	61 613,664	1 509 121,481	24,493	24,029	63	50	84 001	8 261,003	105 502,953	12,771	12,307
14	1	99 104	59 191,467	1 447 507,817	24,455	23,990	64	51	82 704	7 839,477	97 241,951	12,404	11,940
15	2	99 060	57 026,389	1 388 316,350	24,345	23,881	65	52	81 312	7 428,970	89 402,474	12,034	11,570
16	3	99 024	54 945,356	1 331 289,962	24,229	23,765	66	53	79 823	7 029,317	81 973,503	11,662	11,197
17	4	98 980	52 936,084	1 276 344,606	24,111	23,647	67	54	78 254	6 642,052	74 944,186	11,283	10,819
18	5	98 935	50 999,197	1 223 408,522	23,989	23,524	68	55	76 598	6 266,534	68 302,134	10,900	10,435
19	6	98 871	49 124,091	1 172 409,325	23,866	23,402	69	56	74 823	5 900,030	62 035,600	10,514	10,050
20	7	98 809	47 318,907	1 123 285,234	23,739	23,274	70	57	72 928	5 542,741	56 135,570	10,128	9,663
21	8	98 742	45 577,531	1 075 966,327	23,607	23,143	71	58	70 914	5 194,855	50 592,829	9,739	9,275
22	9	98 680	43 902,650	1 030 388,796	23,470	23,005	72	59	68 767	4 855,497	45 397,973	9,350	8,885
23	10	98 618	42 289,313	986 486,145	23,327	22,863	73	60	66 447	4 522,138	40 542,476	8,965	8,501
24	11	98 556	40 735,053	944 196,832	23,179	22,715	74	61	63 965	4 195,887	36 020,338	8,585	8,120
25	12	98 491	39 236,965	903 461,779	23,026	22,561	75	62	61 306	3 876,088	31 824,451	8,210	7,746
26	13	98 425	37 793,451	864 224,814	22,867	22,403	76	63	58 501	3 565,086	27 948,363	7,839	7,375
27	14	98 356	36 401,594	826 431,363	22,703	22,239	77	64	55 545	3 262,573	24 383,276	7,474	7,009
28	15	98 281	35 059,326	790 029,769	22,534	22,070	78	65	52 405	2 966,863	21 120,703	7,119	6,654
29	16	98 207	33 766,603	754 970,443	22,358	21,894	79	66	49 106	2 679,622	18 153,840	6,775	6,310
30	17	98 128	32 519,956	721 203,840	22,177	21,713	80	67	45 752	2 406,352	15 474,218	6,431	5,966
31	18	98 046	31 318,215	688 683,884	21,990	21,525	81	68	42 260	2 142,381	13 067,866	6,100	5,635
32	19	97 952	30 157,268	657 365,668	21,798	21,333	82	69	38 714	1 891,642	10 925,485	5,776	5,311
33	20	97 857	29 039,299	627 208,401	21,599	21,134	83	70	35 136	1 654,788	9 033,843	5,459	4,995
34	21	97 766	27 963,457	598 169,101	21,391	20,927	84	71	31 582	1 433,620	7 379,056	5,147	4,683
35	22	97 666	26 925,132	570 205,644	21,177	20,713	85	72	28 036	1 226,647	5 945,435	4,847	4,382
36	23	97 559	25 923,514	543 280,512	20,957	20,493	86	73	24 488	1 032,715	4 718,788	4,569	4,105
37	24	97 447	24 958,049	517 356,998	20,729	20,265	87	74	21 041	855,249	3 686,073	4,310	3,846
38	25	97 329	24 026,728	492 398,949	20,494	20,029	88	75	17 706	693,710	2 830,824	4,081	3,616
39	26	97 203	23 128,203	468 372,221	20,251	19,787	89	76	14 701	555,127	2 137,114	3,850	3,385
40	27	97 063	22 260,128	445 244,018	20,002	19,537	90	77	11 973	435,798	1 581,987	3,630	3,166
41	28	96 905	21 420,762	422 983,890	19,746	19,282	91	78	9 652	338,616	1 146,189	3,385	2,921
42	29	96 736	20 610,494	401 563,128	19,483	19,019	92	79	7 519	254,245	807,573	3,176	2,712
43	30	96 553	19 828,000	380 952,634	19,213	18,748	93	80	5 665	184,617	553,328	2,997	2,533
44	31	96 341	19 069,338	361 124,633	18,937	18,473	94	81	4 150	130,360	368,712	2,828	2,364
45	32	96 105	18 334,991	342 055,295	18,656	18,191	95	82	2 947	89,223	238,352	2,671	2,207
46	33	95 840	17 623,575	323 720,304	18,369	17,904	96	83	2 023	59,033	149,129	2,526	2,062
47	34	95 541	16 933,661	306 096,730	18,076	17,612	97	84	1 339	37,674	90,096	2,391	1,927
48	35	95 207	16 264,510	289 163,069	17,779	17,314	98	85	853	23,136	52,422	2,266	1,801
49	36	94 831	15 614,618	272 898,559	17,477	17,013	99	86	521	13,618	29,286	2,151	1,686
							100	87	305	7,670	15,669	2,043	1,578

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	14 991,608	258 011,446	17,210	16,746
1							51	37	94 014	14 381,306	243 019,837	16,898	16,434
2							52	38	93 513	13 787,684	228 638,532	16,583	16,118
3							53	39	92 966	13 211,644	214 850,847	16,262	15,798
4							54	40	92 368	12 652,151	201 639,203	15,937	15,473
5							55	41	91 711	12 108,061	188 987,052	15,608	15,144
6							56	42	91 002	11 580,281	176 878,991	15,274	14,810
7							57	43	90 239	11 068,092	165 298,710	14,935	14,470
8							58	44	89 426	10 571,904	154 230,618	14,589	14,124
9							59	45	88 535	10 088,263	143 658,713	14,240	13,776
10							60	46	87 567	9 617,281	133 570,450	13,889	13,424
11							61	47	86 504	9 157,157	123 953,169	13,536	13,072
12							62	48	85 383	8 711,806	114 796,012	13,177	12,713
13							63	49	84 177	8 278,321	106 084,206	12,815	12,350
14	0	99 422	59 381,465	1 448 619,942	24,395	23,931	64	50	82 898	7 857,837	97 805,885	12,447	11,982
15	1	99 088	57 042,608	1 389 238,477	24,354	23,890	65	51	81 515	7 447,521	89 948,048	12,078	11,613
16	2	99 040	54 954,215	1 332 195,869	24,242	23,777	66	52	80 045	7 048,848	82 500,527	11,704	11,240
17	3	98 995	52 943,675	1 277 241,654	24,125	23,660	67	53	78 492	6 662,300	75 451,679	11,325	10,861
18	4	98 947	51 005,310	1 224 297,979	24,003	23,539	68	54	76 843	6 286,564	68 789,379	10,942	10,478
19	5	98 880	49 128,535	1 173 292,669	23,882	23,418	69	55	75 093	5 921,332	62 502,815	10,556	10,091
20	6	98 817	47 322,702	1 124 164,134	23,755	23,291	70	56	73 205	5 563,844	56 581,482	10,169	9,705
21	7	98 750	45 581,339	1 076 841,432	23,625	23,160	71	57	71 207	5 216,379	51 017,638	9,780	9,316
22	8	98 686	43 905,377	1 031 260,093	23,488	23,024	72	58	69 082	4 877,738	45 801,259	9,390	8,925
23	9	98 624	42 291,998	987 354,716	23,346	22,882	73	59	66 766	4 543,850	40 923,521	9,006	8,542
24	10	98 564	40 738,335	945 062,717	23,198	22,734	74	60	64 317	4 218,956	36 379,671	8,623	8,158
25	11	98 499	39 240,082	904 324,383	23,046	22,582	75	61	61 656	3 898,252	32 160,715	8,250	7,786
26	12	98 433	37 796,348	865 084,301	22,888	22,424	76	62	58 871	3 587,598	28 262,463	7,878	7,413
27	13	98 365	36 405,175	827 287,953	22,724	22,260	77	63	55 918	3 284,476	24 674,866	7,513	7,048
28	14	98 293	35 063,667	790 882,777	22,556	22,091	78	64	52 784	2 988,367	21 390,389	7,158	6,693
29	15	98 220	33 771,181	755 819,110	22,381	21,916	79	65	49 489	2 700,531	18 402,023	6,814	6,350
30	16	98 144	32 525,185	722 047,929	22,200	21,735	80	66	46 131	2 426,296	15 701,492	6,471	6,007
31	17	98 063	31 323,714	689 522,745	22,013	21,548	81	67	42 645	2 161,880	13 275,196	6,141	5,676
32	18	97 973	30 163,857	658 199,031	21,821	21,356	82	68	39 097	1 910,354	11 113,316	5,817	5,353
33	19	97 878	29 045,546	628 035,174	21,622	21,158	83	69	35 526	1 673,138	9 202,962	5,500	5,036
34	20	97 786	27 969,359	598 989,629	21,416	20,951	84	70	31 964	1 450,957	7 529,824	5,190	4,725
35	21	97 687	26 930,953	571 020,270	21,203	20,739	85	71	28 415	1 243,235	6 078,867	4,890	4,425
36	22	97 581	25 929,473	544 089,317	20,983	20,519	86	72	24 873	1 048,948	4 835,632	4,610	4,146
37	23	97 470	24 963,727	518 159,844	20,757	20,292	87	73	21 412	870,337	3 786,684	4,351	3,886
38	24	97 351	24 032,191	493 196,117	20,522	20,058	88	74	18 055	707,379	2 916,347	4,123	3,658
39	25	97 224	23 133,359	469 163,926	20,281	19,816	89	75	15 036	567,778	2 208,968	3,891	3,426
40	26	97 089	22 266,076	446 030,567	20,032	19,567	90	76	12 285	447,132	1 641,190	3,670	3,206
41	27	96 930	21 426,293	423 764,491	19,778	19,313	91	77	9 940	348,713	1 194,058	3,424	2,960
42	28	96 761	20 615,849	402 338,198	19,516	19,052	92	78	7 778	262,992	845,346	3,214	2,750
43	29	96 580	19 833,502	381 722,349	19,246	18,782	93	79	5 886	191,819	582,354	3,036	2,572
44	30	96 368	19 074,573	361 888,848	18,972	18,508	94	80	4 338	136,270	390,535	2,866	2,401
45	31	96 136	18 340,970	342 814,275	18,691	18,227	95	81	3 100	93,869	254,265	2,709	2,244
46	32	95 873	17 629,681	324 473,304	18,405	17,941	96	82	2 145	62,592	160,396	2,563	2,098
47	33	95 576	16 939,789	306 843,624	18,114	17,649	97	83	1 432	40,292	97,803	2,427	1,963
48	34	95 246	16 271,113	289 903,834	17,817	17,353	98	84	922	24,984	57,512	2,302	1,837
49	35	94 871	15 621,275	273 632,721	17,517	17,052	99	85	570	14,887	32,527	2,185	1,720
							100	86	337	8,491	17,640	2,077	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	14 998,000	258 676,544	17,247	16,783
1							51	36	94 058	14 388,015	243 678,544	16,936	16,472
2							52	37	93 562	13 794,950	229 290,529	16,621	16,157
3							53	38	93 021	13 219,438	215 495,579	16,301	15,837
4							54	39	92 433	12 661,055	202 276,141	15,976	15,512
5							55	40	91 776	12 116,698	189 615,086	15,649	15,185
6							56	41	91 078	11 589,912	177 498,388	15,315	14,850
7							57	42	90 325	11 078,571	165 908,476	14,976	14,511
8							58	43	89 520	10 583,075	154 829,904	14,630	14,166
9							59	44	88 635	10 099,684	144 246,829	14,282	13,818
10							60	45	87 685	9 630,307	134 147,145	13,930	13,465
11							61	46	86 638	9 171,381	124 516,838	13,577	13,112
12							62	47	85 531	8 726,951	115 345,457	13,217	12,753
13							63	48	84 333	8 293,689	106 618,506	12,855	12,391
14							64	49	83 071	7 874,310	98 324,817	12,487	12,022
15	0	99 406	57 225,708	1 390 267,648	24,294	23,830	65	50	81 706	7 464,962	90 450,507	12,117	11,652
16	1	99 068	54 969,845	1 333 041,940	24,250	23,786	66	51	80 245	7 066,449	82 985,544	11,744	11,279
17	2	99 011	52 952,212	1 278 072,095	24,136	23,672	67	52	78 710	6 680,812	75 919,095	11,364	10,899
18	3	98 961	51 012,624	1 225 119,883	24,016	23,552	68	53	77 077	6 305,729	69 238,283	10,980	10,516
19	4	98 892	49 134,424	1 174 107,259	23,896	23,431	69	54	75 333	5 940,259	62 932,555	10,594	10,130
20	5	98 826	47 326,983	1 124 972,835	23,770	23,306	70	55	73 470	5 583,932	56 992,266	10,206	9,742
21	6	98 758	45 584,994	1 077 645,852	23,640	23,176	71	56	71 478	5 236,240	51 408,364	9,818	9,353
22	7	98 694	43 909,046	1 032 060,858	23,505	23,040	72	57	69 368	4 897,948	46 172,124	9,427	8,962
23	8	98 631	42 294,625	988 151,813	23,364	22,899	73	58	67 072	4 564,663	41 274,176	9,042	8,578
24	9	98 570	40 740,921	945 857,187	23,216	22,752	74	59	64 626	4 239,212	36 709,512	8,660	8,195
25	10	98 507	39 243,243	905 116,266	23,064	22,600	75	60	61 995	3 919,684	32 470,300	8,284	7,819
26	11	98 441	37 799,350	865 873,023	22,907	22,443	76	61	59 207	3 608,112	28 550,616	7,913	7,448
27	12	98 373	36 407,966	828 073,673	22,744	22,280	77	62	56 271	3 305,216	24 942,504	7,546	7,082
28	13	98 303	35 067,117	791 665,707	22,576	22,111	78	63	53 139	3 008,429	21 637,288	7,192	6,728
29	14	98 232	33 775,362	756 598,590	22,401	21,936	79	64	49 848	2 720,104	18 628,860	6,849	6,384
30	15	98 157	32 529,595	722 823,228	22,220	21,756	80	65	46 491	2 445,228	15 908,755	6,506	6,042
31	16	98 079	31 328,750	690 293,633	22,034	21,569	81	66	42 998	2 179,798	13 463,528	6,177	5,712
32	17	97 990	30 169,152	658 964,883	21,842	21,378	82	67	39 452	1 927,741	11 283,730	5,853	5,389
33	18	97 900	29 051,892	628 795,731	21,644	21,179	83	68	35 877	1 689,689	9 355,989	5,537	5,073
34	19	97 807	27 975,375	599 743,839	21,438	20,974	84	69	32 318	1 467,047	7 666,300	5,226	4,761
35	20	97 707	26 936,636	571 768,464	21,226	20,762	85	70	28 758	1 258,269	6 199,253	4,927	4,462
36	21	97 602	25 935,079	544 831,828	21,008	20,543	86	71	25 210	1 063,133	4 940,984	4,648	4,183
37	22	97 492	24 969,465	518 896,749	20,781	20,317	87	72	21 748	884,017	3 877,850	4,387	3,922
38	23	97 373	24 037,659	493 927,284	20,548	20,084	88	73	18 374	719,858	2 993,833	4,159	3,694
39	24	97 246	23 138,619	469 889,625	20,308	19,843	89	74	15 332	578,966	2 273,975	3,928	3,463
40	25	97 110	22 271,039	446 751,006	20,060	19,595	90	75	12 565	457,321	1 695,009	3,706	3,242
41	26	96 956	21 432,018	424 479,967	19,806	19,341	91	76	10 198	357,781	1 237,688	3,459	2,995
42	27	96 786	20 621,172	403 047,949	19,545	19,081	92	77	8 010	270,833	879,906	3,249	2,784
43	28	96 605	19 838,654	382 426,777	19,277	18,812	93	78	6 088	198,418	609,073	3,070	2,605
44	29	96 394	19 079,865	362 588,122	19,004	18,539	94	79	4 507	141,587	410,654	2,900	2,436
45	30	96 163	18 346,005	343 508,257	18,724	18,259	95	80	3 241	98,125	269,068	2,742	2,278
46	31	95 904	17 635,430	325 162,252	18,438	17,974	96	81	2 256	65,852	170,942	2,596	2,131
47	32	95 609	16 945,658	307 526,822	18,148	17,683	97	82	1 519	42,721	105,091	2,460	1,996
48	33	95 280	16 277,002	290 581,163	17,852	17,388	98	83	986	26,720	62,370	2,334	1,870
49	34	94 910	15 627,617	274 304,161	17,553	17,088	99	84	615	16,077	35,650	2,217	1,753
							100	85	369	9,283	19,573	2,108	1,644

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	15 004,089	259 284,825	17,281	16,817
1							51	35	94 098	14 394,149	244 280,736	16,971	16,506
2							52	36	93 606	13 801,386	229 886,587	16,657	16,192
3							53	37	93 070	13 226,405	216 085,201	16,337	15,873
4							54	38	92 488	12 668,524	202 858,796	16,013	15,548
5							55	39	91 841	12 125,225	190 190,273	15,686	15,221
6							56	40	91 143	11 598,179	178 065,047	15,353	14,888
7							57	41	90 400	11 087,785	166 466,868	15,014	14,549
8							58	42	89 605	10 593,096	155 379,083	14,668	14,204
9							59	43	88 729	10 110,356	144 785,987	14,321	13,856
10							60	44	87 784	9 641,209	134 675,631	13,969	13,504
11							61	45	86 755	9 183,803	125 034,422	13,615	13,150
12							62	46	85 664	8 740,506	115 850,619	13,254	12,790
13							63	47	84 480	8 308,107	107 110,112	12,892	12,428
14							64	48	83 226	7 888,928	98 802,005	12,524	12,060
15							65	49	81 877	7 480,612	90 913,077	12,153	11,689
16	0	99 386	55 146,292	1 333 994,799	24,190	23,726	66	50	80 433	7 082,999	83 432,465	11,779	11,315
17	1	99 039	52 967,272	1 278 848,507	24,144	23,680	67	51	78 907	6 697,494	76 349,466	11,400	10,935
18	2	98 977	51 020,850	1 225 881,235	24,027	23,563	68	52	77 291	6 323,249	69 651,973	11,015	10,551
19	3	98 906	49 141,470	1 174 860,385	23,908	23,443	69	53	75 563	5 958,367	63 328,723	10,629	10,164
20	4	98 838	47 332,656	1 125 718,915	23,783	23,319	70	54	73 704	5 601,781	57 370,356	10,241	9,777
21	5	98 767	45 589,118	1 078 386,260	23,654	23,190	71	55	71 737	5 255,146	51 768,575	9,851	9,387
22	6	98 702	43 912,566	1 032 797,142	23,519	23,055	72	56	69 632	4 916,596	46 513,430	9,460	8,996
23	7	98 639	42 298,159	988 884,576	23,379	22,914	73	57	67 350	4 583,577	41 596,834	9,075	8,611
24	8	98 576	40 743,452	946 586,417	23,233	22,768	74	58	64 922	4 258,630	37 013,257	8,691	8,227
25	9	98 513	39 245,735	905 842,965	23,081	22,617	75	59	62 293	3 938,504	32 754,627	8,317	7,852
26	10	98 449	37 802,395	866 597,230	22,924	22,460	76	60	59 533	3 627,949	28 816,123	7,943	7,478
27	11	98 381	36 410,858	828 794,835	22,762	22,298	77	61	56 593	3 324,115	25 188,175	7,577	7,113
28	12	98 311	35 069,805	792 383,977	22,594	22,130	78	62	53 474	3 027,425	21 864,060	7,222	6,758
29	13	98 242	33 778,685	757 314,172	22,420	21,955	79	63	50 182	2 738,366	18 836,634	6,879	6,414
30	14	98 169	32 533,622	723 535,487	22,240	21,775	80	64	46 828	2 462,950	16 098,269	6,536	6,072
31	15	98 092	31 332,998	691 001,865	22,053	21,589	81	65	43 334	2 196,806	13 635,319	6,207	5,742
32	16	98 006	30 174,003	659 668,867	21,862	21,398	82	66	39 779	1 943,718	11 438,512	5,885	5,420
33	17	97 917	29 056,992	629 494,864	21,664	21,200	83	67	36 204	1 705,068	9 494,794	5,569	5,104
34	18	97 829	27 981,487	600 437,871	21,458	20,994	84	68	32 638	1 481,559	7 789,726	5,258	4,793
35	19	97 728	26 942,431	572 456,384	21,247	20,783	85	69	29 077	1 272,223	6 308,167	4,958	4,494
36	20	97 623	25 940,552	545 513,954	21,029	20,565	86	70	25 514	1 075,990	5 035,944	4,680	4,216
37	21	97 513	24 974,863	519 573,402	20,804	20,339	87	71	22 042	895,972	3 959,955	4,420	3,955
38	22	97 396	24 043,184	494 598,539	20,571	20,107	88	72	18 663	731,173	3 063,983	4,191	3,726
39	23	97 269	23 143,883	470 555,355	20,332	19,867	89	73	15 602	589,179	2 332,809	3,959	3,495
40	24	97 132	22 276,104	447 411,472	20,085	19,620	90	74	12 812	466,333	1 743,630	3,739	3,275
41	25	96 978	21 436,795	425 135,368	19,832	19,368	91	75	10 431	365,935	1 277,297	3,491	3,026
42	26	96 812	20 626,683	403 698,572	19,572	19,107	92	76	8 218	277,877	911,362	3,280	2,815
43	27	96 630	19 843,777	383 071,890	19,304	18,840	93	77	6 270	204,335	633,485	3,100	2,636
44	28	96 419	19 084,822	363 228,113	19,032	18,568	94	78	4 662	146,458	429,151	2,930	2,466
45	29	96 189	18 351,095	344 143,291	18,753	18,289	95	79	3 367	101,953	282,693	2,773	2,308
46	30	95 931	17 640,272	325 792,196	18,469	18,004	96	80	2 359	68,837	180,739	2,626	2,161
47	31	95 640	16 951,185	308 151,925	18,179	17,714	97	81	1 598	44,946	111,902	2,490	2,025
48	32	95 313	16 282,642	291 200,740	17,884	17,420	98	82	1 045	28,331	66,956	2,363	1,899
49	33	94 944	15 633,273	274 918,098	17,585	17,121	99	83	658	17,194	38,625	2,246	1,782
							100	84	398	10,025	21,431	2,138	1,673

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	15 009,519	259 841,006	17,312	16,847
1							51	34	94 136	14 399,993	244 831,487	17,002	16,538
2							52	35	93 646	13 807,270	230 431,494	16,689	16,225
3							53	36	93 114	13 232,575	216 624,224	16,371	15,906
4							54	37	92 536	12 675,200	203 391,649	16,046	15,582
5							55	38	91 895	12 132,378	190 716,449	15,720	15,255
6							56	39	91 207	11 606,341	178 584,071	15,387	14,922
7							57	40	90 464	11 095,694	166 977,730	15,049	14,584
8							58	41	89 680	10 601,906	155 882,035	14,703	14,239
9							59	42	88 813	10 119,929	145 280,130	14,356	13,891
10							60	43	87 877	9 651,397	135 160,201	14,004	13,540
11							61	44	86 854	9 194,200	125 508,804	13,651	13,186
12							62	45	85 780	8 752,344	116 314,604	13,290	12,825
13							63	46	84 611	8 321,012	107 562,259	12,927	12,462
14							64	47	83 370	7 902,643	99 241,247	12,558	12,094
15							65	48	82 029	7 494,499	91 338,604	12,187	11,723
16							66	49	80 601	7 097,848	83 844,105	11,813	11,348
17	0	99 357	53 137,291	1 279 731,132	24,083	23,619	67	50	79 092	6 713,179	76 746,257	11,432	10,968
18	1	99 005	51 035,361	1 226 593,841	24,034	23,570	68	51	77 484	6 339,038	70 033,079	11,048	10,583
19	2	98 922	49 149,394	1 175 558,480	23,918	23,454	69	52	75 772	5 974,923	63 694,040	10,660	10,196
20	3	98 852	47 339,443	1 126 409,086	23,794	23,330	70	53	73 929	5 618,857	57 719,117	10,272	9,808
21	4	98 779	45 594,582	1 079 069,643	23,667	23,202	71	54	71 966	5 271,943	52 100,260	9,883	9,418
22	5	98 711	43 916,539	1 033 475,061	23,533	23,068	72	55	69 883	4 934,347	46 828,317	9,490	9,026
23	6	98 647	42 301,551	989 558,522	23,393	22,929	73	56	67 606	4 601,028	41 893,970	9,105	8,641
24	7	98 584	40 746,856	947 256,971	23,247	22,783	74	57	65 191	4 276,275	37 292,942	8,721	8,256
25	8	98 519	39 248,172	906 510,115	23,097	22,632	75	58	62 578	3 956,544	33 016,667	8,345	7,880
26	9	98 455	37 804,795	867 261,943	22,941	22,476	76	59	59 819	3 645,368	29 060,123	7,972	7,507
27	10	98 389	36 413,791	829 457,147	22,779	22,314	77	60	56 904	3 342,391	25 414,755	7,604	7,139
28	11	98 318	35 072,590	793 043,356	22,611	22,147	78	61	53 780	3 044,736	22 072,364	7,249	6,785
29	12	98 250	33 781,275	757 970,765	22,438	21,973	79	62	50 499	2 755,657	19 027,628	6,905	6,441
30	13	98 179	32 536,823	724 189,491	22,258	21,793	80	63	47 142	2 479,485	16 271,972	6,563	6,098
31	14	98 104	31 336,877	691 652,668	22,072	21,607	81	64	43 648	2 212,729	13 792,486	6,233	5,769
32	15	98 019	30 178,094	660 315,791	21,881	21,416	82	65	40 090	1 958,885	11 579,758	5,911	5,447
33	16	97 933	29 061,664	630 137,697	21,683	21,218	83	66	36 504	1 719,200	9 620,873	5,596	5,132
34	17	97 846	27 986,400	601 076,032	21,477	21,013	84	67	32 935	1 495,044	7 901,673	5,285	4,821
35	18	97 750	26 948,317	573 089,633	21,266	20,802	85	68	29 365	1 284,808	6 406,630	4,986	4,522
36	19	97 644	25 946,132	546 141,316	21,049	20,585	86	69	25 797	1 087,922	5 121,822	4,708	4,243
37	20	97 534	24 980,134	520 195,184	20,824	20,360	87	70	22 309	906,807	4 033,901	4,448	3,984
38	21	97 417	24 048,382	495 215,050	20,592	20,128	88	71	18 915	741,061	3 127,094	4,220	3,755
39	22	97 291	23 149,203	471 166,668	20,353	19,889	89	72	15 848	598,440	2 386,032	3,987	3,523
40	23	97 154	22 281,172	448 017,465	20,107	19,643	90	73	13 038	474,559	1 787,592	3,767	3,302
41	24	97 000	21 441,670	425 736,294	19,856	19,391	91	74	10 636	373,146	1 313,033	3,519	3,054
42	25	96 834	20 631,280	404 294,623	19,596	19,132	92	75	8 405	284,209	939,887	3,307	2,843
43	26	96 656	19 849,079	383 663,343	19,329	18,865	93	76	6 433	209,649	655,678	3,128	2,663
44	27	96 444	19 089,749	363 814,264	19,058	18,594	94	77	4 801	150,825	446,029	2,957	2,493
45	28	96 214	18 355,863	344 724,514	18,780	18,316	95	78	3 483	105,461	295,204	2,799	2,335
46	29	95 957	17 645,166	326 368,652	18,496	18,032	96	79	2 451	71,523	189,743	2,653	2,188
47	30	95 667	16 955,838	308 723,486	18,208	17,743	97	80	1 670	46,984	118,220	2,516	2,052
48	31	95 344	16 287,952	291 767,648	17,913	17,449	98	81	1 099	29,806	71,237	2,390	1,926
49	32	94 977	15 638,690	275 479,696	17,615	17,151	99	82	698	18,231	41,430	2,273	1,808
							100	83	426	10,721	23,200	2,164	1,700

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	15 014,720	260 349,769	17,340	16,875
1							51	33	94 170	14 405,205	245 335,049	17,031	16,567
2							52	34	93 684	13 812,875	230 929,845	16,718	16,254
3							53	35	93 153	13 238,217	217 116,969	16,401	15,936
4							54	36	92 580	12 681,113	203 878,753	16,077	15,613
5							55	37	91 943	12 138,772	191 197,639	15,751	15,287
6							56	38	91 261	11 613,188	179 058,868	15,419	14,954
7							57	39	90 528	11 103,503	167 445,680	15,080	14,616
8							58	40	89 744	10 609,468	156 342,177	14,736	14,272
9							59	41	88 887	10 128,345	145 732,709	14,389	13,924
10							60	42	87 960	9 660,535	135 604,363	14,037	13,573
11							61	43	86 945	9 203,915	125 943,828	13,684	13,219
12							62	44	85 877	8 762,253	116 739,913	13,323	12,859
13							63	45	84 726	8 332,282	107 977,660	12,959	12,495
14							64	46	83 500	7 914,918	99 645,377	12,590	12,125
15							65	47	82 172	7 507,528	91 730,460	12,218	11,754
16							66	48	80 751	7 111,024	84 222,932	11,844	11,380
17							67	49	79 258	6 727,253	77 111,907	11,463	10,998
18	0	99 323	51 199,178	1 227 411,801	23,973	23,509	68	50	77 666	6 353,884	70 384,655	11,077	10,613
19	1	98 950	49 163,372	1 176 212,622	23,925	23,460	69	51	75 962	5 989,842	64 030,771	10,690	10,225
20	2	98 868	47 347,076	1 127 049,250	23,804	23,340	70	52	74 135	5 634,469	58 040,928	10,301	9,837
21	3	98 793	45 601,121	1 079 702,173	23,677	23,213	71	53	72 185	5 288,014	52 406,459	9,910	9,446
22	4	98 723	43 921,803	1 034 101,052	23,544	23,080	72	54	70 107	4 950,119	47 118,445	9,519	9,054
23	5	98 656	42 305,378	990 179,249	23,406	22,941	73	55	67 850	4 617,640	42 168,326	9,132	8,668
24	6	98 592	40 750,123	947 873,872	23,261	22,796	74	56	65 439	4 292,556	37 550,686	8,748	8,283
25	7	98 528	39 251,452	907 123,749	23,111	22,646	75	57	62 838	3 972,938	33 258,129	8,371	7,907
26	8	98 461	37 807,144	867 872,297	22,955	22,491	76	58	60 093	3 662,065	29 285,192	7,997	7,532
27	9	98 395	36 416,103	830 065,153	22,794	22,329	77	59	57 177	3 358,439	25 623,126	7,629	7,165
28	10	98 326	35 075,416	793 649,050	22,627	22,163	78	60	54 076	3 061,476	22 264,688	7,273	6,808
29	11	98 257	33 783,958	758 573,634	22,454	21,989	79	61	50 788	2 771,413	19 203,212	6,929	6,465
30	12	98 186	32 539,317	724 789,676	22,274	21,810	80	62	47 440	2 495,142	16 431,799	6,586	6,121
31	13	98 114	31 339,960	692 250,359	22,088	21,624	81	63	43 941	2 227,584	13 936,657	6,256	5,792
32	14	98 031	30 181,831	660 910,399	21,898	21,433	82	64	40 380	1 973,083	11 709,073	5,934	5,470
33	15	97 946	29 065,605	630 728,569	21,700	21,236	83	65	36 789	1 732,614	9 735,991	5,619	5,155
34	16	97 862	27 990,900	601 662,964	21,495	21,031	84	66	33 208	1 507,434	8 003,376	5,309	4,845
35	17	97 767	26 953,048	573 672,065	21,284	20,820	85	67	29 632	1 296,502	6 495,942	5,010	4,546
36	18	97 665	25 951,800	546 719,016	21,067	20,602	86	68	26 053	1 098,683	5 199,441	4,732	4,268
37	19	97 555	24 985,507	520 767,216	20,843	20,378	87	69	22 556	916,863	4 100,757	4,473	4,008
38	20	97 437	24 053,457	495 781,709	20,612	20,147	88	70	19 144	750,023	3 183,894	4,245	3,781
39	21	97 312	23 154,208	471 728,252	20,373	19,909	89	71	16 062	606,533	2 433,872	4,013	3,548
40	22	97 177	22 286,293	448 574,044	20,128	19,663	90	72	13 243	482,019	1 827,339	3,791	3,327
41	23	97 022	21 446,548	426 287,751	19,877	19,412	91	73	10 824	379,728	1 345,320	3,543	3,078
42	24	96 856	20 635,972	404 841,203	19,618	19,154	92	74	8 571	289,810	965,592	3,332	2,867
43	25	96 678	19 853,504	384 205,231	19,352	18,888	93	75	6 579	214,427	675,782	3,152	2,687
44	26	96 470	19 094,851	364 351,728	19,081	18,617	94	76	4 926	154,747	461,355	2,981	2,517
45	27	96 239	18 360,602	345 256,877	18,804	18,340	95	77	3 587	108,605	306,608	2,823	2,359
46	28	95 982	17 649,750	326 896,274	18,521	18,057	96	78	2 535	73,983	198,002	2,676	2,212
47	29	95 693	16 960,543	309 246,525	18,233	17,769	97	79	1 735	48,817	124,019	2,540	2,076
48	30	95 371	16 292,423	292 285,982	17,940	17,476	98	80	1 149	31,158	75,202	2,414	1,949
49	31	95 008	15 643,790	275 993,559	17,642	17,178	99	81	734	19,180	44,044	2,296	1,832
							100	82	451	11,367	24,864	2,187	1,723

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	15 019,616	260 815,274	17,365	16,901
1							51	32	94 203	14 410,196	245 795,658	17,057	16,593
2							52	33	93 718	13 817,875	231 385,462	16,745	16,281
3							53	34	93 191	13 243,591	217 567,588	16,428	15,964
4							54	35	92 619	12 686,520	204 323,996	16,106	15,641
5							55	36	91 986	12 144,435	191 637,477	15,780	15,315
6							56	37	91 309	11 619,308	179 493,042	15,448	14,983
7							57	38	90 581	11 110,053	167 873,734	15,110	14,646
8							58	39	89 807	10 616,935	156 763,681	14,765	14,301
9							59	40	88 950	10 135,570	146 146,746	14,419	13,955
10							60	41	88 034	9 668,570	136 011,176	14,067	13,603
11							61	42	87 028	9 212,630	126 342,607	13,714	13,250
12							62	43	85 968	8 771,512	117 129,977	13,353	12,889
13							63	44	84 822	8 341,715	108 358,465	12,990	12,526
14							64	45	83 613	7 925,638	100 016,750	12,619	12,155
15							65	46	82 300	7 519,190	92 091,112	12,247	11,783
16							66	47	80 891	7 123,386	84 571,922	11,872	11,408
17							67	48	79 405	6 739,741	77 448,536	11,491	11,027
18							68	49	77 829	6 367,205	70 708,795	11,105	10,641
19	0	99 268	49 321,181	1 176 970,985	23,863	23,399	69	50	76 140	6 003,870	64 341,590	10,717	10,252
20	1	98 896	47 360,543	1 127 649,804	23,810	23,345	70	51	74 320	5 648,539	58 337,720	10,328	9,864
21	2	98 809	45 608,474	1 080 289,261	23,686	23,222	71	52	72 386	5 302,707	52 689,181	9,936	9,472
22	3	98 737	43 928,102	1 034 680,788	23,554	23,090	72	53	70 320	4 965,209	47 386,474	9,544	9,079
23	4	98 667	42 310,448	990 752,686	23,416	22,952	73	54	68 067	4 632,399	42 421,265	9,158	8,693
24	5	98 601	40 753,810	948 442,238	23,272	22,808	74	55	65 675	4 308,055	37 788,865	8,772	8,307
25	6	98 536	39 254,599	907 688,428	23,123	22,659	75	56	63 077	3 988,064	33 480,811	8,395	7,931
26	7	98 469	37 810,302	868 433,829	22,968	22,504	76	57	60 342	3 677,239	29 492,747	8,020	7,556
27	8	98 401	36 418,365	830 623,526	22,808	22,343	77	58	57 439	3 373,822	25 815,508	7,652	7,187
28	9	98 333	35 077,643	794 205,161	22,641	22,177	78	59	54 335	3 076,175	22 441,686	7,295	6,831
29	10	98 265	33 786,680	759 127,518	22,468	22,004	79	60	51 067	2 786,650	19 365,511	6,949	6,485
30	11	98 194	32 541,901	725 340,839	22,289	21,825	80	61	47 711	2 509,409	16 578,861	6,607	6,142
31	12	98 121	31 342,363	692 798,937	22,104	21,640	81	62	44 219	2 241,649	14 069,452	6,276	5,812
32	13	98 041	30 184,800	661 456,575	21,914	21,449	82	63	40 651	1 986,329	11 827,803	5,955	5,490
33	14	97 958	29 069,203	631 271,775	21,716	21,252	83	64	37 055	1 745,172	9 841,474	5,639	5,175
34	15	97 875	27 994,695	602 202,571	21,511	21,047	84	65	33 467	1 519,197	8 096,302	5,329	4,865
35	16	97 783	26 957,382	574 207,877	21,301	20,836	85	66	29 878	1 307,247	6 577,105	5,031	4,567
36	17	97 682	25 956,357	547 250,495	21,083	20,619	86	67	26 290	1 108,683	5 269,858	4,753	4,289
37	18	97 576	24 990,966	521 294,138	20,859	20,395	87	68	22 780	925,932	4 161,175	4,494	4,030
38	19	97 458	24 058,631	496 303,172	20,629	20,164	88	69	19 356	758,340	3 235,243	4,266	3,802
39	20	97 332	23 159,094	472 244,541	20,391	19,927	89	70	16 256	613,868	2 476,903	4,035	3,570
40	21	97 198	22 291,111	449 085,447	20,146	19,682	90	71	13 422	488,537	1 863,035	3,813	3,349
41	22	97 044	21 451,478	426 794,336	19,896	19,431	91	72	10 994	385,697	1 374,498	3,564	3,099
42	23	96 878	20 640,667	405 342,858	19,638	19,174	92	73	8 722	294,922	988,801	3,353	2,888
43	24	96 700	19 858,018	384 702,192	19,373	18,908	93	74	6 709	218,652	693,878	3,173	2,709
44	25	96 492	19 099,107	364 844,173	19,103	18,638	94	75	5 038	158,274	475,226	3,003	2,538
45	26	96 265	18 365,509	345 745,066	18,826	18,361	95	76	3 680	111,430	316,953	2,844	2,380
46	27	96 007	17 654,307	327 379,558	18,544	18,079	96	77	2 611	76,189	205,523	2,698	2,233
47	28	95 718	16 964,949	309 725,251	18,257	17,792	97	78	1 795	50,496	129,333	2,561	2,097
48	29	95 397	16 296,943	292 760,302	17,964	17,500	98	79	1 194	32,374	78,837	2,435	1,971
49	30	95 034	15 648,084	276 463,358	17,668	17,203	99	80	767	20,049	46,463	2,317	1,853
							100	81	475	11,959	26,414	2,209	1,744

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	15 023,739	261 240,805	17,389	16,924
1							51	31	94 233	14 414,895	246 217,066	17,081	16,616
2							52	32	93 750	13 822,662	231 802,171	16,770	16,305
3							53	33	93 225	13 248,384	217 979,509	16,453	15,989
4							54	34	92 657	12 691,670	204 731,125	16,131	15,667
5							55	35	92 026	12 149,612	192 039,454	15,806	15,342
6							56	36	91 352	11 624,729	179 889,842	15,475	15,010
7							57	37	90 629	11 115,908	168 265,113	15,137	14,673
8							58	38	89 860	10 623,198	157 149,205	14,793	14,329
9							59	39	89 013	10 142,703	146 526,008	14,446	13,982
10							60	40	88 096	9 675,466	136 383,305	14,096	13,631
11							61	41	87 100	9 220,292	126 707,839	13,742	13,278
12							62	42	86 049	8 779,817	117 487,547	13,382	12,917
13							63	43	84 911	8 350,530	108 707,730	13,018	12,554
14							64	44	83 707	7 934,611	100 357,200	12,648	12,184
15							65	45	82 411	7 529,374	92 422,589	12,275	11,811
16							66	46	81 017	7 134,451	84 893,216	11,899	11,435
17							67	47	79 543	6 751,458	77 758,765	11,517	11,053
18							68	48	77 973	6 379,025	71 007,307	11,131	10,667
19							69	49	76 299	6 016,457	64 628,282	10,742	10,277
20	0	99 213	47 512,564	1 128 353,233	23,749	23,284	70	50	74 494	5 661,767	58 611,825	10,352	9,888
21	1	98 837	45 621,445	1 080 840,669	23,692	23,227	71	51	72 567	5 315,948	52 950,058	9,961	9,496
22	2	98 753	43 935,185	1 035 219,223	23,562	23,098	72	52	70 516	4 979,005	47 634,110	9,567	9,103
23	3	98 682	42 316,516	991 284,039	23,425	22,961	73	53	68 275	4 646,521	42 655,105	9,180	8,716
24	4	98 613	40 758,695	948 967,523	23,283	22,818	74	54	65 885	4 321,825	38 008,584	8,795	8,330
25	5	98 545	39 258,150	908 208,828	23,134	22,670	75	55	63 305	4 002,463	33 686,759	8,417	7,952
26	6	98 477	37 813,334	868 950,678	22,980	22,516	76	56	60 571	3 691,239	29 684,296	8,042	7,577
27	7	98 409	36 421,408	831 137,344	22,820	22,356	77	57	57 677	3 387,801	25 993,057	7,673	7,208
28	8	98 339	35 079,822	794 715,935	22,655	22,190	78	58	54 584	3 090,265	22 605,256	7,315	6,851
29	9	98 272	33 788,825	759 636,114	22,482	22,017	79	59	51 312	2 800,030	19 514,990	6,970	6,505
30	10	98 202	32 544,523	725 847,289	22,303	21,839	80	60	47 973	2 523,205	16 714,960	6,624	6,160
31	11	98 129	31 344,852	693 302,766	22,119	21,654	81	61	44 471	2 254,467	14 191,755	6,295	5,831
32	12	98 049	30 187,114	661 957,914	21,928	21,464	82	62	40 908	1 998,871	11 937,288	5,972	5,508
33	13	97 968	29 072,063	631 770,800	21,731	21,267	83	63	37 304	1 756,888	9 938,417	5,657	5,192
34	14	97 887	27 998,161	602 698,737	21,526	21,062	84	64	33 709	1 530,208	8 181,528	5,347	4,882
35	15	97 796	26 961,037	574 700,576	21,316	20,852	85	65	30 111	1 317,447	6 651,321	5,049	4,584
36	16	97 698	25 960,530	547 739,539	21,099	20,635	86	66	26 508	1 117,872	5 333,874	4,771	4,307
37	17	97 593	24 995,353	521 779,009	20,875	20,411	87	67	22 987	934,360	4 216,002	4,512	4,048
38	18	97 480	24 063,887	496 783,656	20,644	20,180	88	68	19 548	765,841	3 281,642	4,285	3,821
39	19	97 353	23 164,076	472 719,768	20,407	19,943	89	69	16 436	620,675	2 515,800	4,053	3,589
40	20	97 218	22 295,815	449 555,693	20,163	19,699	90	70	13 585	494,445	1 895,125	3,833	3,368
41	21	97 065	21 456,116	427 259,877	19,913	19,449	91	71	11 143	390,913	1 400,680	3,583	3,119
42	22	96 900	20 645,411	405 803,762	19,656	19,191	92	72	8 859	299,558	1 009,767	3,371	2,906
43	23	96 722	19 862,536	385 158,351	19,391	18,927	93	73	6 827	222,509	710,209	3,192	2,727
44	24	96 514	19 103,450	365 295,815	19,122	18,658	94	74	5 138	161,393	487,700	3,022	2,557
45	25	96 286	18 369,602	346 192,365	18,846	18,382	95	75	3 764	113,969	326,307	2,863	2,399
46	26	96 033	17 659,025	327 822,762	18,564	18,100	96	76	2 679	78,171	212,338	2,716	2,252
47	27	95 743	16 969,329	310 163,738	18,278	17,813	97	77	1 849	52,002	134,167	2,580	2,116
48	28	95 422	16 301,177	293 194,408	17,986	17,522	98	78	1 235	33,487	82,165	2,454	1,989
49	29	95 060	15 652,426	276 893,231	17,690	17,226	99	79	797	20,832	48,678	2,337	1,872
							100	80	496	12,502	27,846	2,227	1,763



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	15 027,908	261 630,117	17,410	16,945
1							51	30	94 259	14 418,852	246 602,210	17,103	16,638
2							52	31	93 781	13 827,170	232 183,358	16,792	16,327
3							53	32	93 257	13 252,974	218 356,188	16,476	16,012
4							54	33	92 690	12 696,264	205 103,213	16,155	15,690
5							55	34	92 063	12 154,545	192 406,950	15,830	15,366
6							56	35	91 391	11 629,685	180 252,405	15,499	15,035
7							57	36	90 671	11 121,094	168 622,720	15,162	14,698
8							58	37	89 907	10 628,796	157 501,626	14,818	14,354
9							59	38	89 065	10 148,686	146 872,830	14,472	14,008
10							60	39	88 158	9 682,275	136 724,144	14,121	13,657
11							61	40	87 162	9 226,869	127 041,868	13,769	13,304
12							62	41	86 121	8 787,119	117 815,000	13,408	12,943
13							63	42	84 992	8 358,436	109 027,881	13,044	12,580
14							64	43	83 796	7 942,995	100 669,445	12,674	12,210
15							65	44	82 504	7 537,898	92 726,450	12,301	11,837
16							66	45	81 127	7 144,114	85 188,552	11,924	11,460
17							67	46	79 666	6 761,945	78 044,438	11,542	11,077
18							68	47	78 109	6 390,114	71 282,493	11,155	10,691
19							69	48	76 441	6 027,626	64 892,379	10,766	10,301
20							70	49	74 650	5 673,637	58 864,753	10,375	9,911
21	0	99 154	45 767,885	1 081 493,418	23,630	23,166	71	50	72 736	5 328,397	53 191,116	9,983	9,518
22	1	98 781	43 947,680	1 035 725,533	23,567	23,103	72	51	70 692	4 991,438	47 862,719	9,589	9,125
23	2	98 698	42 323,339	991 777,853	23,433	22,969	73	52	68 464	4 659,432	42 871,281	9,201	8,737
24	3	98 627	40 764,540	949 454,514	23,291	22,827	74	53	66 086	4 335,000	38 211,849	8,815	8,350
25	4	98 556	39 262,856	908 689,974	23,144	22,679	75	54	63 507	4 015,256	33 876,849	8,437	7,973
26	5	98 486	37 816,755	869 427,118	22,991	22,526	76	55	60 790	3 704,566	29 861,593	8,061	7,596
27	6	98 417	36 424,329	831 610,363	22,831	22,367	77	56	57 897	3 400,700	26 157,027	7,692	7,227
28	7	98 347	35 082,753	795 186,034	22,666	22,202	78	57	54 810	3 103,069	22 756,327	7,333	6,869
29	8	98 278	33 790,923	760 103,282	22,494	22,030	79	58	51 548	2 812,856	19 653,258	6,987	6,523
30	9	98 208	32 546,589	726 312,358	22,316	21,852	80	59	48 204	2 535,320	16 840,402	6,642	6,178
31	10	98 137	31 347,377	693 765,769	22,132	21,667	81	60	44 716	2 266,862	14 305,082	6,311	5,846
32	11	98 056	30 189,512	662 418,392	21,942	21,478	82	61	41 142	2 010,301	12 038,220	5,988	5,524
33	12	97 975	29 074,292	632 228,880	21,745	21,281	83	62	37 540	1 767,982	10 027,919	5,672	5,208
34	13	97 897	28 000,915	603 154,588	21,541	21,076	84	63	33 936	1 540,481	8 259,937	5,362	4,897
35	14	97 808	26 964,375	575 153,673	21,330	20,866	85	64	30 329	1 326,996	6 719,457	5,064	4,599
36	15	97 711	25 964,050	548 189,298	21,113	20,649	86	65	26 714	1 126,594	5 392,461	4,787	4,322
37	16	97 609	24 999,372	522 225,248	20,890	20,425	87	66	23 177	942,104	4 265,867	4,528	4,064
38	17	97 497	24 068,112	497 225,876	20,659	20,195	88	67	19 725	772,812	3 323,763	4,301	3,836
39	18	97 375	23 169,137	473 157,764	20,422	19,957	89	68	16 599	626,815	2 550,951	4,070	3,605
40	19	97 239	22 300,611	449 988,627	20,178	19,714	90	69	13 735	499,928	1 924,136	3,849	3,384
41	20	97 086	21 460,643	427 688,016	19,929	19,465	91	70	11 278	395,640	1 424,208	3,600	3,135
42	21	96 921	20 649,874	406 227,372	19,672	19,208	92	71	8 979	303,609	1 028,568	3,388	2,923
43	22	96 744	19 867,102	385 577,498	19,408	18,943	93	72	6 934	226,007	724,958	3,208	2,743
44	23	96 536	19 107,796	365 710,397	19,139	18,675	94	73	5 228	164,240	498,952	3,038	2,574
45	24	96 308	18 373,780	346 602,600	18,864	18,400	95	74	3 838	116,215	334,712	2,880	2,416
46	25	96 054	17 662,961	328 228,821	18,583	18,118	96	75	2 740	79,952	218,497	2,733	2,268
47	26	95 768	16 973,864	310 565,860	18,297	17,832	97	76	1 897	53,354	138,545	2,597	2,132
48	27	95 447	16 305,386	293 591,996	18,006	17,541	98	77	1 272	34,486	85,190	2,470	2,006
49	28	95 085	15 656,492	277 286,610	17,711	17,246	99	78	825	21,548	50,705	2,353	1,889
							100	79	516	12,989	29,156	2,245	1,780

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 3,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	15 031,812	261 986,312	17,429	16,964
1							51	29	94 285	14 422,853	246 954,500	17,122	16,658
2							52	30	93 807	13 830,966	232 531,648	16,812	16,348
3							53	31	93 288	13 257,297	218 700,682	16,497	16,032
4							54	32	92 722	12 700,662	205 443,385	16,176	15,711
5							55	33	92 096	12 158,944	192 742,723	15,852	15,388
6							56	34	91 428	11 634,406	180 583,779	15,522	15,057
7							57	35	90 710	11 125,835	168 949,372	15,185	14,721
8							58	36	89 949	10 633,755	157 823,537	14,842	14,377
9							59	37	89 112	10 154,034	147 189,783	14,496	14,031
10							60	38	88 210	9 687,987	137 035,748	14,145	13,680
11							61	39	87 224	9 233,362	127 347,761	13,792	13,328
12							62	40	86 182	8 793,387	118 114,399	13,432	12,968
13							63	41	85 062	8 365,388	109 321,012	13,068	12,604
14							64	42	83 875	7 950,516	100 955,625	12,698	12,234
15							65	43	82 592	7 545,863	93 005,109	12,325	11,861
16							66	44	81 218	7 152,202	85 459,246	11,949	11,484
17							67	45	79 774	6 771,103	78 307,045	11,565	11,100
18							68	46	78 230	6 400,040	71 535,941	11,177	10,713
19							69	47	76 574	6 038,105	65 135,901	10,787	10,323
20							70	48	74 788	5 684,169	59 097,797	10,397	9,932
21							71	49	72 889	5 339,568	53 413,627	10,003	9,539
22	0	99 098	44 088,747	1 036 331,508	23,506	23,041	72	50	70 857	5 003,128	48 074,059	9,609	9,144
23	1	98 726	42 335,377	992 242,760	23,438	22,973	73	51	68 635	4 671,066	43 070,931	9,221	8,756
24	2	98 643	40 771,113	949 907,384	23,299	22,834	74	52	66 270	4 347,045	38 399,865	8,834	8,369
25	3	98 570	39 268,486	909 136,271	23,152	22,687	75	53	63 701	4 027,496	34 052,820	8,455	7,991
26	4	98 498	37 821,288	869 867,785	22,999	22,535	76	54	60 984	3 716,407	30 025,324	8,079	7,615
27	5	98 426	36 427,624	832 046,497	22,841	22,377	77	55	58 106	3 412,978	26 308,916	7,708	7,244
28	6	98 355	35 085,566	795 618,873	22,677	22,212	78	56	55 019	3 114,884	22 895,939	7,350	6,886
29	7	98 286	33 793,747	760 533,307	22,505	22,041	79	57	51 761	2 824,510	19 781,055	7,003	6,539
30	8	98 215	32 548,611	726 739,561	22,328	21,863	80	58	48 425	2 546,933	16 956,544	6,658	6,193
31	9	98 143	31 349,368	694 190,950	22,144	21,679	81	59	44 931	2 277,746	14 409,611	6,326	5,862
32	10	98 064	30 191,944	662 841,582	21,954	21,490	82	60	41 368	2 021,353	12 131,865	6,002	5,537
33	11	97 983	29 076,601	632 649,638	21,758	21,294	83	61	37 754	1 778,091	10 110,512	5,686	5,222
34	12	97 904	28 003,062	603 573,037	21,554	21,089	84	62	34 150	1 550,208	8 332,421	5,375	4,911
35	13	97 818	26 967,028	575 569,976	21,343	20,879	85	63	30 533	1 335,905	6 782,213	5,077	4,612
36	14	97 723	25 967,265	548 602,948	21,127	20,662	86	64	26 908	1 134,760	5 446,309	4,800	4,335
37	15	97 622	25 002,762	522 635,683	20,903	20,439	87	65	23 358	949,455	4 311,549	4,541	4,077
38	16	97 512	24 071,982	497 632,921	20,673	20,208	88	66	19 889	779,217	3 362,094	4,315	3,850
39	17	97 392	23 173,204	473 560,939	20,436	19,971	89	67	16 750	632,520	2 582,877	4,083	3,619
40	18	97 260	22 305,484	450 387,735	20,192	19,727	90	68	13 871	504,873	1 950,357	3,863	3,399
41	19	97 107	21 465,260	428 082,252	19,943	19,479	91	69	11 403	400,028	1 445,483	3,613	3,149
42	20	96 941	20 654,232	406 616,992	19,687	19,222	92	70	9 087	307,281	1 045,456	3,402	2,938
43	21	96 765	19 871,397	385 962,760	19,423	18,959	93	71	7 028	229,063	738,175	3,223	2,758
44	22	96 558	19 112,188	366 091,363	19,155	18,690	94	72	5 310	166,821	509,112	3,052	2,587
45	23	96 330	18 377,960	346 979,175	18,880	18,416	95	73	3 906	118,265	342,291	2,894	2,430
46	24	96 076	17 666,977	328 601,215	18,600	18,135	96	74	2 794	81,528	224,026	2,748	2,283
47	25	95 790	16 977,647	310 934,238	18,314	17,850	97	75	1 940	54,570	142,498	2,611	2,147
48	26	95 472	16 309,744	293 956,590	18,023	17,559	98	76	1 305	35,383	87,928	2,485	2,021
49	27	95 109	15 660,535	277 646,847	17,729	17,265	99	77	849	22,191	52,545	2,368	1,903
							100	78	533	13,436	30,354	2,259	1,795

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	15 035,693	262 312,428	17,446	16,982
1							51	28	94 310	14 426,600	247 276,735	17,140	16,676
2							52	29	93 833	13 834,803	232 850,136	16,831	16,366
3							53	30	93 313	13 260,936	219 015,333	16,516	16,051
4							54	31	92 753	12 704,805	205 754,397	16,195	15,731
5							55	32	92 128	12 163,157	193 049,592	15,872	15,407
6							56	33	91 461	11 638,617	180 886,436	15,542	15,077
7							57	34	90 747	11 130,352	169 247,818	15,206	14,742
8							58	35	89 987	10 638,288	158 117,466	14,863	14,399
9							59	36	89 154	10 158,772	147 479,178	14,517	14,053
10							60	37	88 257	9 693,092	137 320,407	14,167	13,702
11							61	38	87 275	9 238,809	127 627,314	13,814	13,350
12							62	39	86 243	8 799,575	118 388,505	13,454	12,989
13							63	40	85 123	8 371,355	109 588,930	13,091	12,627
14							64	41	83 945	7 957,128	101 217,575	12,720	12,256
15							65	42	82 670	7 553,007	93 260,447	12,347	11,883
16							66	43	81 304	7 159,759	85 707,440	11,971	11,506
17							67	44	79 865	6 778,769	78 547,681	11,587	11,123
18							68	45	78 336	6 408,708	71 768,912	11,199	10,734
19							69	46	76 693	6 047,484	65 360,204	10,808	10,343
20							70	47	74 918	5 694,051	59 312,720	10,417	9,952
21							71	48	73 024	5 349,481	53 618,669	10,023	9,559
22							72	49	71 006	5 013,617	48 269,188	9,628	9,163
23	0	99 043	42 471,268	992 805,526	23,376	22,912	73	50	68 796	4 682,006	43 255,572	9,239	8,774
24	1	98 671	40 782,709	950 334,258	23,302	22,838	74	51	66 435	4 357,899	38 573,566	8,851	8,387
25	2	98 586	39 274,818	909 551,549	23,159	22,694	75	52	63 878	4 038,687	34 215,667	8,472	8,008
26	3	98 512	37 826,712	870 276,731	23,007	22,543	76	53	61 170	3 727,737	30 176,980	8,095	7,631
27	4	98 438	36 431,990	832 450,020	22,849	22,385	77	54	58 291	3 423,887	26 449,243	7,725	7,260
28	5	98 364	35 088,740	796 018,030	22,686	22,221	78	55	55 218	3 126,130	23 025,356	7,365	6,901
29	6	98 294	33 796,456	760 929,290	22,515	22,051	79	56	51 958	2 835,264	19 899,226	7,018	6,554
30	7	98 223	32 551,331	727 132,833	22,338	21,874	80	57	48 625	2 557,486	17 063,962	6,672	6,208
31	8	98 149	31 351,315	694 581,503	22,155	21,690	81	58	45 136	2 288,179	14 506,476	6,340	5,875
32	9	98 070	30 193,861	663 230,188	21,966	21,501	82	59	41 567	2 031,058	12 218,297	6,016	5,551
33	10	97 991	29 078,944	633 036,327	21,770	21,305	83	60	37 962	1 787,867	10 187,238	5,698	5,234
34	11	97 912	28 005,286	603 957,384	21,566	21,101	84	61	34 345	1 559,072	8 399,371	5,387	4,923
35	12	97 825	26 969,095	575 952,098	21,356	20,892	85	62	30 725	1 344,340	6 840,299	5,088	4,624
36	13	97 733	25 969,819	548 983,003	21,139	20,675	86	63	27 089	1 142,378	5 495,959	4,811	4,347
37	14	97 634	25 005,857	523 013,184	20,916	20,451	87	64	23 528	956,337	4 353,581	4,552	4,088
38	15	97 526	24 075,246	498 007,326	20,685	20,221	88	65	20 044	785,297	3 397,245	4,326	3,862
39	16	97 407	23 176,930	473 932,080	20,448	19,984	89	66	16 889	637,762	2 611,948	4,095	3,631
40	17	97 277	22 309,400	450 755,150	20,205	19,740	90	67	13 997	509,469	1 974,186	3,875	3,411
41	18	97 128	21 469,950	428 445,750	19,956	19,491	91	68	11 515	403,985	1 464,717	3,626	3,161
42	19	96 962	20 658,675	406 975,801	19,700	19,236	92	69	9 188	310,688	1 060,732	3,414	2,950
43	20	96 785	19 875,590	386 317,126	19,437	18,972	93	70	7 113	231,833	750,044	3,235	2,771
44	21	96 579	19 116,320	366 441,536	19,169	18,705	94	71	5 382	169,077	518,211	3,065	2,601
45	22	96 352	18 382,184	347 325,216	18,895	18,430	95	72	3 967	120,124	349,134	2,906	2,442
46	23	96 098	17 670,997	328 943,032	18,615	18,150	96	73	2 843	82,966	229,010	2,760	2,296
47	24	95 811	16 981,508	311 272,035	18,330	17,866	97	74	1 978	55,645	146,044	2,625	2,160
48	25	95 493	16 313,379	294 290,527	18,040	17,575	98	75	1 335	36,189	90,398	2,498	2,034
49	26	95 135	15 664,720	277 977,148	17,745	17,281	99	76	871	22,768	54,209	2,381	1,917
							100	77	549	13,837	31,441	2,272	1,808

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	15 039,711	262 611,389	17,461	16,997
1							51	27	94 334	14 430,325	247 571,678	17,156	16,692
2							52	28	93 857	13 838,397	233 141,354	16,847	16,383
3							53	29	93 339	13 264,615	219 302,956	16,533	16,069
4							54	30	92 778	12 708,292	206 038,341	16,213	15,748
5							55	31	92 158	12 167,123	193 330,049	15,890	15,425
6							56	32	91 493	11 642,650	181 162,926	15,560	15,096
7							57	33	90 780	11 134,380	169 520,276	15,225	14,761
8							58	34	90 024	10 642,607	158 385,896	14,882	14,418
9							59	35	89 192	10 163,103	147 743,289	14,537	14,073
10							60	36	88 298	9 697,615	137 580,186	14,187	13,723
11							61	37	87 321	9 243,678	127 882,571	13,835	13,370
12							62	38	86 294	8 804,766	118 638,894	13,474	13,010
13							63	39	85 183	8 377,246	109 834,128	13,111	12,647
14							64	40	84 005	7 962,804	101 456,881	12,741	12,277
15							65	41	82 739	7 559,289	93 494,078	12,368	11,904
16							66	42	81 381	7 166,539	85 934,789	11,991	11,527
17							67	43	79 949	6 785,932	78 768,250	11,608	11,143
18							68	44	78 425	6 415,964	71 982,319	11,219	10,755
19							69	45	76 797	6 055,674	65 566,355	10,827	10,363
20							70	46	75 035	5 702,896	59 510,680	10,435	9,971
21							71	47	73 151	5 358,780	53 807,785	10,041	9,577
22							72	48	71 138	5 022,924	48 449,004	9,646	9,181
23							73	49	68 940	4 691,821	43 426,080	9,256	8,791
24	0	98 988	40 913,616	950 857,087	23,241	22,776	74	50	66 591	4 368,105	38 734,259	8,868	8,403
25	1	98 614	39 285,988	909 943,471	23,162	22,698	75	51	64 037	4 048,772	34 366,154	8,488	8,024
26	2	98 528	37 832,811	870 657,483	23,013	22,549	76	52	61 340	3 738,094	30 317,382	8,110	7,646
27	3	98 452	36 437,215	832 824,672	22,856	22,392	77	53	58 469	3 434,324	26 579,288	7,739	7,275
28	4	98 375	35 092,946	796 387,457	22,694	22,229	78	54	55 394	3 136,122	23 144,964	7,380	6,916
29	5	98 303	33 799,514	761 294,512	22,524	22,059	79	55	52 146	2 845,501	20 008,841	7,032	6,567
30	6	98 231	32 553,941	727 494,998	22,347	21,883	80	56	48 810	2 567,223	17 163,340	6,686	6,221
31	7	98 157	31 353,934	694 941,057	22,164	21,700	81	57	45 323	2 297,660	14 596,117	6,353	5,888
32	8	98 077	30 195,736	663 587,123	21,976	21,512	82	58	41 757	2 040,362	12 298,457	6,028	5,563
33	9	97 997	29 080,790	633 391,387	21,780	21,316	83	59	38 144	1 796,451	10 258,095	5,710	5,246
34	10	97 920	28 007,542	604 310,597	21,577	21,112	84	60	34 534	1 567,643	8 461,644	5,398	4,933
35	11	97 833	26 971,237	576 303,055	21,367	20,903	85	61	30 901	1 352,027	6 894,001	5,099	4,635
36	12	97 740	25 971,810	549 331,818	21,151	20,687	86	62	27 260	1 149,591	5 541,974	4,821	4,356
37	13	97 644	25 008,317	523 360,008	20,927	20,463	87	63	23 685	962,757	4 392,382	4,562	4,098
38	14	97 538	24 078,227	498 351,690	20,697	20,233	88	64	20 189	790,989	3 429,626	4,336	3,871
39	15	97 421	23 180,073	474 273,464	20,460	19,996	89	65	17 021	642,739	2 638,637	4,105	3,641
40	16	97 293	22 312,987	451 093,391	20,217	19,752	90	66	14 113	513,691	1 995,898	3,885	3,421
41	17	97 145	21 473,719	428 780,404	19,968	19,503	91	67	11 620	407,662	1 482,207	3,636	3,171
42	18	96 983	20 663,188	407 306,685	19,712	19,247	92	68	9 279	313,761	1 074,546	3,425	2,960
43	19	96 806	19 879,866	386 643,497	19,449	18,985	93	69	7 192	234,404	760,784	3,246	2,781
44	20	96 599	19 120,354	366 763,631	19,182	18,717	94	70	5 447	171,122	526,380	3,076	2,612
45	21	96 373	18 386,158	347 643,277	18,908	18,443	95	71	4 021	121,749	355,258	2,918	2,454
46	22	96 120	17 675,058	329 257,119	18,628	18,164	96	72	2 888	84,270	233,510	2,771	2,307
47	23	95 833	16 985,371	311 582,060	18,344	17,880	97	73	2 013	56,627	149,239	2,635	2,171
48	24	95 515	16 317,089	294 596,689	18,054	17,590	98	74	1 361	36,902	92,612	2,510	2,045
49	25	95 156	15 668,211	278 279,600	17,761	17,296	99	75	891	23,287	55,710	2,392	1,928
							100	76	564	14,197	32,423	2,284	1,819

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 3,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	15 043,063	262 885,059	17,476	17,011
1							51	26	94 359	14 434,181	247 841,996	17,170	16,706
2							52	27	93 881	13 841,970	233 407,815	16,862	16,398
3							53	28	93 363	13 268,061	219 565,845	16,548	16,084
4							54	29	92 804	12 711,818	206 297,784	16,229	15,764
5							55	30	92 183	12 170,463	193 585,966	15,906	15,442
6							56	31	91 522	11 646,447	181 415,502	15,577	15,112
7							57	32	90 811	11 138,238	169 769,056	15,242	14,778
8							58	33	90 057	10 646,459	158 630,818	14,900	14,435
9							59	34	89 228	10 167,229	147 984,359	14,555	14,091
10							60	35	88 336	9 701,749	137 817,130	14,205	13,741
11							61	36	87 362	9 247,990	128 115,381	13,853	13,389
12							62	37	86 339	8 809,406	118 867,391	13,493	13,029
13							63	38	85 233	8 382,188	110 057,985	13,130	12,666
14							64	39	84 064	7 968,407	101 675,797	12,760	12,295
15							65	40	82 798	7 564,681	93 707,389	12,387	11,923
16							66	41	81 449	7 172,499	86 142,708	12,010	11,546
17							67	42	80 025	6 792,357	78 970,209	11,626	11,162
18							68	43	78 508	6 422,743	72 177,853	11,238	10,773
19							69	44	76 884	6 062,530	65 755,109	10,846	10,382
20							70	45	75 136	5 710,620	59 692,579	10,453	9,988
21							71	46	73 265	5 367,104	53 981,960	10,058	9,594
22							72	47	71 261	5 031,656	48 614,855	9,662	9,197
23							73	48	69 068	4 700,531	43 583,199	9,272	8,808
24							74	49	66 730	4 377,263	38 882,668	8,883	8,418
25	0	98 931	39 412,092	910 429,365	23,100	22,636	75	50	64 187	4 058,254	34 505,406	8,503	8,038
26	1	98 556	37 843,571	871 017,273	23,016	22,552	76	51	61 494	3 747,428	30 447,152	8,125	7,660
27	2	98 468	36 443,090	833 173,702	22,862	22,398	77	52	58 631	3 443,867	26 699,724	7,753	7,288
28	3	98 390	35 097,978	796 730,612	22,700	22,236	78	53	55 563	3 145,683	23 255,857	7,393	6,929
29	4	98 314	33 803,565	761 632,634	22,531	22,067	79	54	52 312	2 854,596	20 110,174	7,045	6,580
30	5	98 239	32 556,886	727 829,069	22,356	21,891	80	55	48 987	2 576,492	17 255,578	6,697	6,233
31	6	98 165	31 356,448	695 272,183	22,173	21,709	81	56	45 496	2 306,408	14 679,086	6,364	5,900
32	7	98 085	30 198,259	663 915,735	21,985	21,521	82	57	41 930	2 048,816	12 372,678	6,039	5,575
33	8	98 003	29 082,596	633 717,476	21,790	21,326	83	58	38 319	1 804,680	10 323,862	5,721	5,256
34	9	97 926	28 009,320	604 634,880	21,587	21,122	84	59	34 700	1 575,170	8 519,182	5,408	4,944
35	10	97 841	26 973,410	576 625,559	21,378	20,913	85	60	31 071	1 359,460	6 944,012	5,108	4,643
36	11	97 748	25 973,873	549 652,149	21,162	20,697	86	61	27 416	1 156,165	5 584,552	4,830	4,366
37	12	97 651	25 010,235	523 678,276	20,939	20,474	87	62	23 835	968,836	4 428,387	4,571	4,106
38	13	97 547	24 080,595	498 668,042	20,708	20,244	88	63	20 325	796,299	3 459,551	4,345	3,880
39	14	97 433	23 182,943	474 587,446	20,471	20,007	89	64	17 144	647,397	2 663,252	4,114	3,649
40	15	97 306	22 316,012	451 404,504	20,228	19,763	90	65	14 224	517,699	2 015,855	3,894	3,429
41	16	97 160	21 477,172	429 088,492	19,979	19,514	91	66	11 717	411,040	1 498,155	3,645	3,180
42	17	97 001	20 666,816	407 611,320	19,723	19,259	92	67	9 364	316,617	1 087,115	3,434	2,969
43	18	96 827	19 884,209	386 944,504	19,460	18,995	93	68	7 263	236,723	770,498	3,255	2,790
44	19	96 620	19 124,467	367 060,295	19,193	18,729	94	69	5 508	173,020	533,775	3,085	2,621
45	20	96 393	18 390,038	347 935,828	18,920	18,455	95	70	4 070	123,221	360,756	2,928	2,463
46	21	96 141	17 678,880	329 545,790	18,641	18,176	96	71	2 927	85,410	237,535	2,781	2,317
47	22	95 855	16 989,276	311 866,910	18,357	17,892	97	72	2 045	57,517	152,125	2,645	2,180
48	23	95 537	16 320,801	294 877,634	18,068	17,603	98	73	1 385	37,553	94,608	2,519	2,055
49	24	95 178	15 671,774	278 556,834	17,774	17,310	99	74	909	23,746	57,055	2,403	1,938
							100	75	576	14,520	33,309	2,294	1,830

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} : 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 406 615,498	24,066	23,601	50	50	93 003	13 086,711	206 300,924	15,764	15,299
1	1	99 275	95 456,872	2 306 615,498	24,164	23,699	51	51	92 389	12 500,346	193 214,213	15,457	14,992
2	2	99 212	91 726,696	2 211 158,626	24,106	23,641	52	52	91 717	11 932,063	180 713,867	15,145	14,680
3	3	99 177	88 167,553	2 119 431,929	24,039	23,574	53	53	90 982	11 381,171	168 781,805	14,830	14,365
4	4	99 147	84 751,539	2 031 264,376	23,967	23,502	54	54	90 185	10 847,579	157 400,634	14,510	14,045
5	5	99 121	81 470,357	1 946 512,837	23,892	23,427	55	55	89 321	10 330,505	146 553,055	14,186	13,722
6	6	99 101	78 320,732	1 865 042,480	23,813	23,348	56	56	88 386	9 829,165	136 222,550	13,859	13,394
7	7	99 082	75 294,420	1 786 721,748	23,730	23,265	57	57	87 395	9 345,138	126 393,385	13,525	13,060
8	8	99 064	72 385,431	1 711 427,328	23,643	23,178	58	58	86 341	8 877,361	117 048,247	13,185	12,720
9	9	99 049	69 590,362	1 639 041,897	23,553	23,088	59	59	85 187	8 421,868	108 170,886	12,844	12,379
10	10	99 034	66 903,817	1 569 451,536	23,458	22,994	60	60	83 967	7 981,909	99 749,018	12,497	12,032
11	11	99 017	64 319,660	1 502 547,718	23,361	22,896	61	61	82 622	7 552,014	91 767,109	12,151	11,687
12	12	99 000	61 834,902	1 438 228,059	23,259	22,794	62	62	81 229	7 139,095	84 215,095	11,796	11,332
13	13	98 982	59 445,862	1 376 393,157	23,154	22,689	63	63	79 727	6 737,578	77 076,000	11,440	10,975
14	14	98 963	57 148,856	1 316 947,295	23,044	22,579	64	64	78 155	6 350,720	70 338,421	11,076	10,611
15	15	98 935	54 934,959	1 259 798,439	22,933	22,468	65	65	76 477	5 975,386	63 987,701	10,709	10,244
16	16	98 902	52 804,366	1 204 863,480	22,817	22,353	66	66	74 702	5 612,220	58 012,315	10,337	9,872
17	17	98 856	50 750,214	1 152 059,114	22,701	22,236	67	67	72 853	5 262,789	52 400,095	9,957	9,492
18	18	98 805	48 773,057	1 101 308,900	22,580	22,115	68	68	70 895	4 924,327	47 137,306	9,572	9,108
19	19	98 729	46 860,870	1 052 535,843	22,461	21,996	69	69	68 821	4 596,409	42 212,979	9,184	8,719
20	20	98 654	45 024,273	1 005 674,973	22,336	21,871	70	70	66 595	4 276,659	37 616,570	8,796	8,331
21	21	98 574	43 257,579	960 650,700	22,208	21,743	71	71	64 247	3 967,197	33 339,910	8,404	7,939
22	22	98 497	41 561,385	917 393,122	22,073	21,608	72	72	61 752	3 666,483	29 372,714	8,011	7,546
23	23	98 419	39 931,206	875 831,737	21,934	21,469	73	73	59 028	3 369,935	25 706,231	7,628	7,163
24	24	98 342	38 365,516	835 900,531	21,788	21,323	74	74	56 145	3 082,071	22 336,296	7,247	6,782
25	25	98 263	36 860,284	797 535,015	21,637	21,172	75	75	53 072	2 801,361	19 254,225	6,873	6,408
26	26	98 183	35 413,682	760 674,731	21,480	21,015	76	76	49 829	2 528,995	16 452,864	6,506	6,041
27	27	98 097	34 021,729	725 261,049	21,318	20,853	77	77	46 421	2 265,419	13 923,869	6,146	5,681
28	28	98 010	32 684,057	691 239,320	21,149	20,684	78	78	42 837	2 010,095	11 658,450	5,800	5,335
29	29	97 924	31 399,346	658 555,262	20,974	20,509	79	79	39 108	1 764,548	9 648,356	5,468	5,003
30	30	97 833	30 163,886	627 155,917	20,792	20,327	80	80	35 359	1 534,038	7 883,808	5,139	4,674
31	31	97 742	28 976,515	596 992,031	20,603	20,138	81	81	31 529	1 315,243	6 349,769	4,828	4,363
32	32	97 637	27 832,304	568 015,516	20,408	19,944	82	82	27 725	1 112,070	5 034,526	4,527	4,062
33	33	97 531	26 732,590	540 183,212	20,207	19,742	83	83	23 995	925,449	3 922,456	4,238	3,774
34	34	97 425	25 676,453	513 450,621	19,997	19,532	84	84	20 410	756,920	2 997,008	3,959	3,495
35	35	97 306	24 658,938	487 774,169	19,781	19,316	85	85	17 005	606,375	2 240,088	3,694	3,229
36	36	97 181	23 679,900	463 115,231	19,557	19,092	86	86	13 800	473,164	1 633,713	3,453	2,988
37	37	97 047	22 737,756	439 435,331	19,326	18,861	87	87	10 900	359,360	1 160,549	3,229	2,765
38	38	96 900	21 830,130	416 697,574	19,088	18,623	88	88	8 281	262,515	801,189	3,052	2,587
39	39	96 738	20 955,548	394 867,444	18,843	18,378	89	89	6 150	187,451	538,675	2,874	2,409
40	40	96 557	20 111,759	373 911,896	18,592	18,127	90	90	4 421	129,569	351,224	2,711	2,246
41	41	96 357	19 298,099	353 800,137	18,333	17,869	91	91	3 126	88,100	221,655	2,516	2,051
42	42	96 134	18 512,905	334 502,038	18,069	17,604	92	92	2 083	56,441	133,555	2,366	1,901
43	43	95 888	17 755,353	315 989,133	17,797	17,332	93	93	1 322	34,453	77,114	2,238	1,773
44	44	95 602	17 021,636	298 233,781	17,521	17,056	94	94	803	20,121	42,661	2,120	1,655
45	45	95 291	16 313,659	281 212,144	17,238	16,773	95	95	465	11,196	22,540	2,013	1,548
46	46	94 933	15 627,233	264 898,485	16,951	16,486	96	96	256	5,920	11,344	1,916	1,451
47	47	94 524	14 961,557	249 271,252	16,661	16,196	97	97	133	2,967	5,424	1,828	1,364
48	48	94 068	14 316,723	234 309,695	16,366	15,901	98	98	66	1,405	2,458	1,749	1,284
49	49	93 563	13 692,048	219 992,972	16,067	15,602	99	99	30	0,628	1,052	1,677	1,212
							100	100	13	0,264	0,425	1,611	1,146

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 403 722,812	24,114	23,650	50	51	92 786	13 056,134	204 307,284	15,648	15,184
1	2	99 247	95 429,731	2 304 042,774	24,144	23,679	51	52	92 159	12 469,210	191 251,149	15,338	14,873
2	3	99 196	91 711,908	2 208 613,043	24,082	23,617	52	53	91 463	11 899,001	178 781,939	15,025	14,560
3	4	99 162	88 154,911	2 116 901,135	24,013	23,549	53	54	90 705	11 346,581	166 882,938	14,708	14,243
4	5	99 135	84 741,382	2 028 746,223	23,940	23,476	54	55	89 897	10 813,016	155 536,357	14,384	13,919
5	6	99 112	81 462,987	1 944 004,841	23,864	23,399	55	56	89 000	10 293,341	144 723,341	14,060	13,595
6	7	99 093	78 314,453	1 862 541,854	23,783	23,318	56	57	88 051	9 791,884	134 430,000	13,729	13,264
7	8	99 074	75 288,129	1 784 227,401	23,699	23,234	57	58	87 034	9 306,577	124 638,116	13,392	12,928
8	9	99 058	72 380,935	1 708 939,272	23,610	23,146	58	59	85 947	8 836,883	115 331,538	13,051	12,586
9	10	99 042	69 585,944	1 636 558,337	23,519	23,054	59	60	84 780	8 381,626	106 494,655	12,706	12,241
10	11	99 026	66 898,428	1 566 972,394	23,423	22,958	60	61	83 508	7 938,265	98 113,029	12,360	11,895
11	12	99 009	64 314,551	1 500 073,966	23,324	22,859	61	62	82 152	7 509,077	90 174,764	12,009	11,544
12	13	98 992	61 830,162	1 435 759,415	23,221	22,756	62	63	80 719	7 094,299	82 665,687	11,652	11,188
13	14	98 972	59 440,014	1 373 929,253	23,115	22,650	63	64	79 195	6 692,648	75 571,388	11,292	10,827
14	15	98 951	57 141,781	1 314 489,239	23,004	22,539	64	65	77 593	6 305,022	68 878,740	10,924	10,460
15	16	98 921	54 927,512	1 257 347,457	22,891	22,426	65	66	75 885	5 929,122	62 573,719	10,554	10,089
16	17	98 886	52 795,877	1 202 419,945	22,775	22,310	66	67	74 088	5 566,089	56 644,597	10,177	9,712
17	18	98 839	50 741,305	1 149 624,068	22,657	22,192	67	68	72 196	5 215,321	51 078,508	9,794	9,329
18	19	98 784	48 762,403	1 098 882,763	22,535	22,071	68	69	70 200	4 876,092	45 863,187	9,406	8,941
19	20	98 708	46 850,792	1 050 120,360	22,414	21,949	69	70	68 066	4 545,997	40 987,095	9,016	8,551
20	21	98 633	45 014,773	1 003 269,568	22,288	21,823	70	71	65 799	4 225,561	36 441,097	8,624	8,159
21	22	98 553	43 248,228	958 254,794	22,157	21,692	71	72	63 389	3 914,262	32 215,536	8,230	7,765
22	23	98 474	41 551,834	915 006,566	22,021	21,556	72	73	60 796	3 609,744	28 301,274	7,840	7,375
23	24	98 397	39 922,124	873 454,732	21,879	21,414	73	74	58 004	3 311,515	24 691,530	7,456	6,991
24	25	98 320	38 356,793	833 532,608	21,731	21,266	74	75	55 060	3 022,513	21 380,015	7,074	6,609
25	26	98 242	36 852,070	795 175,815	21,578	21,113	75	76	51 890	2 738,943	18 357,501	6,702	6,238
26	27	98 157	35 404,221	758 323,745	21,419	20,954	76	77	48 566	2 464,890	15 618,558	6,336	5,872
27	28	98 072	34 012,947	722 919,524	21,254	20,789	77	78	45 077	2 199,825	13 153,668	5,979	5,515
28	29	97 984	32 675,568	688 906,577	21,083	20,618	78	79	41 412	1 943,243	10 953,843	5,637	5,172
29	30	97 896	31 390,637	656 231,009	20,905	20,440	79	80	37 640	1 698,288	9 010,600	5,306	4,841
30	31	97 807	30 155,608	624 840,372	20,721	20,256	80	81	33 826	1 467,502	7 312,312	4,983	4,518
31	32	97 710	28 967,068	594 684,764	20,530	20,065	81	82	29 968	1 250,144	5 844,809	4,675	4,210
32	33	97 604	27 822,665	565 717,696	20,333	19,868	82	83	26 148	1 048,829	4 594,665	4,381	3,916
33	34	97 495	26 722,918	537 895,032	20,129	19,664	83	84	22 436	865,332	3 545,836	4,098	3,633
34	35	97 385	25 666,033	511 172,113	19,916	19,451	84	85	18 900	700,918	2 680,504	3,824	3,359
35	36	97 265	24 648,429	485 506,080	19,697	19,232	85	86	15 555	554,654	1 979,586	3,569	3,104
36	37	97 135	23 668,858	460 857,651	19,471	19,006	86	87	12 466	427,433	1 424,932	3,334	2,869
37	38	96 996	22 725,781	437 188,793	19,238	18,773	87	88	9 650	318,155	997,499	3,135	2,670
38	39	96 843	21 817,259	414 463,013	18,997	18,532	88	89	7 242	229,579	679,343	2,959	2,494
39	40	96 670	20 940,811	392 645,753	18,750	18,285	89	90	5 290	161,251	449,764	2,789	2,324
40	41	96 488	20 097,423	371 704,942	18,495	18,030	90	91	3 766	110,367	288,513	2,614	2,149
41	42	96 277	19 282,063	351 607,519	18,235	17,770	91	92	2 585	72,846	178,146	2,446	1,981
42	43	96 043	18 495,393	332 325,456	17,968	17,503	92	93	1 689	45,775	105,300	2,300	1,836
43	44	95 786	17 736,611	313 830,064	17,694	17,229	93	94	1 049	27,325	59,525	2,178	1,714
44	45	95 494	17 002,388	296 093,452	17,415	16,950	94	95	622	15,586	32,200	2,066	1,601
45	46	95 162	16 291,594	279 091,064	17,131	16,666	95	96	351	8,459	16,615	1,964	1,499
46	47	94 785	15 602,997	262 799,471	16,843	16,378	96	97	188	4,357	8,156	1,872	1,407
47	48	94 360	14 935,592	247 196,474	16,551	16,086	97	98	95	2,124	3,798	1,788	1,323
48	49	93 894	14 290,195	232 260,882	16,253	15,788	98	99	46	0,978	1,674	1,712	1,247
49	50	93 367	13 663,403	217 970,687	15,953	15,488	99	100	21	0,424	0,696	1,643	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 400 942,616	24,093	23,629	50	52	92 555	13 023,614	202 162,067	15,523	15,058
1	3	99 231	95 414,346	2 301 290,919	24,119	23,654	51	53	91 904	12 434,660	189 138,453	15,211	14,746
2	4	99 181	91 698,758	2 205 876,574	24,056	23,591	52	54	91 185	11 862,838	176 703,793	14,896	14,431
3	5	99 150	88 144,346	2 114 177,815	23,985	23,521	53	55	90 416	11 310,429	164 840,955	14,574	14,109
4	6	99 126	84 733,716	2 026 033,469	23,911	23,446	54	56	89 574	10 774,116	153 530,526	14,250	13,785
5	7	99 104	81 456,456	1 941 299,753	23,832	23,368	55	57	88 662	10 254,299	142 756,410	13,922	13,457
6	8	99 084	78 307,910	1 859 843,297	23,750	23,286	56	58	87 687	9 751,480	132 502,111	13,588	13,123
7	9	99 068	75 283,453	1 781 535,387	23,664	23,200	57	59	86 637	9 264,142	122 750,630	13,250	12,785
8	10	99 052	72 376,340	1 706 251,934	23,575	23,110	58	60	85 537	8 794,658	113 486,488	12,904	12,439
9	11	99 035	69 580,338	1 633 875,594	23,482	23,017	59	61	84 317	8 335,796	104 691,830	12,559	12,094
10	12	99 018	66 893,114	1 564 295,256	23,385	22,920	60	62	83 033	7 893,132	96 356,034	12,208	11,743
11	13	99 002	64 309,621	1 497 402,142	23,284	22,819	61	63	81 637	7 461,959	88 462,902	11,855	11,390
12	14	98 982	61 824,080	1 433 092,521	23,180	22,715	62	64	80 181	7 046,990	81 000,943	11,494	11,030
13	15	98 960	59 432,656	1 371 268,441	23,073	22,608	63	65	78 625	6 644,489	73 953,953	11,130	10,665
14	16	98 938	57 134,035	1 311 835,785	22,961	22,496	64	66	76 992	6 256,206	67 309,464	10,759	10,294
15	17	98 905	54 918,682	1 254 701,750	22,847	22,382	65	67	75 262	5 880,386	61 053,259	10,383	9,918
16	18	98 868	52 786,610	1 199 783,069	22,729	22,264	66	68	73 420	5 515,885	55 172,872	10,003	9,538
17	19	98 817	50 730,221	1 146 996,459	22,610	22,145	67	69	71 489	5 164,236	49 656,987	9,616	9,151
18	20	98 762	48 751,917	1 096 266,238	22,487	22,022	68	70	69 430	4 822,613	44 492,752	9,226	8,761
19	21	98 687	46 840,907	1 047 514,321	22,363	21,898	69	71	67 253	4 491,681	39 670,139	8,832	8,367
20	22	98 612	45 005,043	1 000 673,414	22,235	21,770	70	72	64 921	4 169,179	35 178,458	8,438	7,973
21	23	98 530	43 238,290	955 668,370	22,102	21,638	71	73	62 408	3 853,689	31 009,279	8,047	7,582
22	24	98 452	41 542,383	912 430,080	21,964	21,499	72	74	59 742	3 547,167	27 155,590	7,656	7,191
23	25	98 374	39 913,047	870 887,697	21,820	21,355	73	75	56 883	3 247,523	23 608,423	7,270	6,805
24	26	98 298	38 348,246	830 974,650	21,669	21,204	74	76	53 833	2 955,168	20 360,899	6,890	6,425
25	27	98 215	36 842,225	792 626,404	21,514	21,049	75	77	50 575	2 669,518	17 405,731	6,520	6,055
26	28	98 132	35 395,082	755 784,180	21,353	20,888	76	78	47 160	2 393,521	14 736,213	6,157	5,692
27	29	98 046	34 004,113	720 389,098	21,185	20,721	77	79	43 578	2 126,663	12 342,692	5,804	5,339
28	30	97 957	32 666,505	686 384,985	21,012	20,547	78	80	39 857	1 870,273	10 216,029	5,462	4,997
29	31	97 870	31 382,022	653 718,479	20,831	20,366	79	81	36 007	1 624,628	8 345,756	5,137	4,672
30	32	97 775	30 145,776	622 336,458	20,644	20,179	80	82	32 151	1 394,867	6 721,128	4,818	4,354
31	33	97 676	28 957,035	592 190,681	20,451	19,986	81	83	28 264	1 179,051	5 326,261	4,517	4,053
32	34	97 568	27 812,599	563 233,646	20,251	19,786	82	84	24 449	980,698	4 147,210	4,229	3,764
33	35	97 456	26 712,074	535 421,047	20,044	19,579	83	85	20 776	801,310	3 166,512	3,952	3,487
34	36	97 344	25 655,095	508 708,974	19,829	19,364	84	86	17 288	641,133	2 365,202	3,689	3,224
35	37	97 220	24 636,935	483 053,879	19,607	19,142	85	87	14 051	501,048	1 724,069	3,441	2,976
36	38	97 084	23 656,391	458 416,943	19,378	18,913	86	88	11 037	378,423	1 223,021	3,232	2,767
37	39	96 938	22 712,382	434 760,552	19,142	18,677	87	89	8 440	278,239	844,598	3,036	2,571
38	40	96 775	21 801,916	412 048,170	18,900	18,435	88	90	6 230	197,491	566,360	2,868	2,403
39	41	96 602	20 925,884	390 246,254	18,649	18,184	89	91	4 506	137,354	368,869	2,686	2,221
40	42	96 408	20 080,723	369 320,369	18,392	17,927	90	92	3 114	91,258	231,514	2,537	2,072
41	43	96 185	19 263,823	349 239,646	18,129	17,664	91	93	2 096	59,079	140,257	2,374	1,909
42	44	95 941	18 475,870	329 975,823	17,860	17,395	92	94	1 340	36,305	81,177	2,236	1,771
43	45	95 678	17 716,554	311 499,953	17,582	17,118	93	95	812	21,166	44,872	2,120	1,655
44	46	95 365	16 979,391	293 783,399	17,302	16,838	94	96	470	11,776	23,706	2,013	1,548
45	47	95 014	16 266,327	276 804,008	17,017	16,552	95	97	258	6,226	11,931	1,916	1,451
46	48	94 621	15 575,919	260 537,681	16,727	16,262	96	98	135	3,120	5,705	1,828	1,364
47	49	94 185	14 907,917	244 961,762	16,432	15,967	97	99	66	1,478	2,585	1,749	1,284
48	50	93 698	14 260,299	230 053,845	16,132	15,668	98	100	31	0,660	1,107	1,677	1,212
49	51	93 149	13 631,479	215 793,547	15,831	15,366							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 397 972,446	24,067	23,603	50	53	92 298	12 987,528	199 857,584	15,388	14,924
1	4	99 217	95 400,665	2 298 336,815	24,091	23,627	51	54	91 625	12 396,869	186 870,056	15,074	14,609
2	5	99 169	91 687,768	2 202 936,150	24,026	23,562	52	55	90 894	11 825,041	174 473,187	14,755	14,290
3	6	99 141	88 136,373	2 111 248,382	23,954	23,490	53	56	90 091	11 269,740	162 648,146	14,432	13,967
4	7	99 119	84 726,923	2 023 112,009	23,878	23,413	54	57	89 234	10 733,251	151 378,407	14,104	13,639
5	8	99 096	81 449,651	1 938 385,087	23,799	23,334	55	58	88 297	10 211,987	140 645,156	13,773	13,308
6	9	99 078	78 303,046	1 856 935,436	23,715	23,250	56	59	87 288	9 707,017	130 433,169	13,437	12,972
7	10	99 062	75 278,674	1 778 632,390	23,627	23,162	57	60	86 223	9 219,875	120 726,151	13,094	12,629
8	11	99 044	72 370,509	1 703 353,716	23,537	23,072	58	61	85 069	8 746,570	111 506,276	12,749	12,284
9	12	99 027	69 574,812	1 630 983,207	23,442	22,977	59	62	83 837	8 288,403	102 759,707	12,398	11,933
10	13	99 011	66 887,987	1 561 408,395	23,344	22,879	60	63	82 512	7 843,604	94 471,303	12,044	11,580
11	14	98 992	64 303,295	1 494 520,408	23,242	22,777	61	64	81 093	7 412,198	86 627,699	11,687	11,222
12	15	98 970	61 816,426	1 430 217,113	23,137	22,672	62	65	79 604	6 996,281	79 215,501	11,323	10,858
13	16	98 946	59 424,599	1 368 400,687	23,028	22,563	63	66	78 016	6 593,044	72 219,220	10,954	10,489
14	17	98 922	57 124,850	1 308 976,088	22,914	22,449	64	67	76 359	6 204,781	65 626,176	10,577	10,112
15	18	98 888	54 909,042	1 251 851,238	22,799	22,334	65	68	74 583	5 827,347	59 421,395	10,197	9,732
16	19	98 847	52 775,079	1 196 942,197	22,680	22,215	66	69	72 701	5 461,856	53 594,048	9,812	9,348
17	20	98 796	50 719,311	1 144 167,118	22,559	22,094	67	70	70 705	5 107,596	48 132,192	9,424	8,959
18	21	98 742	48 741,631	1 093 447,806	22,434	21,969	68	71	68 601	4 764,991	43 024,595	9,029	8,564
19	22	98 665	46 830,783	1 044 706,176	22,308	21,843	69	72	66 355	4 431,748	38 259,604	8,633	8,168
20	23	98 589	44 994,702	997 875,393	22,178	21,713	70	73	63 916	4 104,661	33 827,856	8,241	7,777
21	24	98 508	43 228,455	952 880,692	22,043	21,578	71	74	61 327	3 786,883	29 723,195	7,849	7,384
22	25	98 430	41 532,938	909 652,236	21,902	21,437	72	75	58 588	3 478,622	25 936,311	7,456	6,991
23	26	98 352	39 904,153	868 119,298	21,755	21,290	73	76	55 616	3 175,165	22 457,690	7,073	6,608
24	27	98 272	38 338,001	828 215,145	21,603	21,138	74	77	52 469	2 880,262	19 282,525	6,695	6,230
25	28	98 190	36 832,714	789 877,144	21,445	20,980	75	78	49 110	2 592,224	16 402,263	6,327	5,863
26	29	98 106	35 385,888	753 044,430	21,281	20,816	76	79	45 591	2 313,917	13 810,040	5,968	5,503
27	30	98 019	33 994,682	717 658,541	21,111	20,646	77	80	41 941	2 046,806	11 496,123	5,617	5,152
28	31	97 930	32 657,540	683 663,860	20,934	20,470	78	81	38 128	1 789,153	9 449,317	5,281	4,817
29	32	97 838	31 371,790	651 006,320	20,751	20,287	79	82	34 225	1 544,216	7 660,164	4,961	4,496
30	33	97 741	30 135,335	619 634,529	20,562	20,097	80	83	30 323	1 315,544	6 115,948	4,649	4,184
31	34	97 641	28 946,559	589 499,194	20,365	19,900	81	84	26 428	1 102,461	4 800,404	4,354	3,889
32	35	97 529	27 801,312	560 552,635	20,163	19,698	82	85	22 641	908,140	3 697,943	4,072	3,607
33	36	97 414	26 700,690	532 751,323	19,953	19,488	83	86	19 004	732,962	2 789,803	3,806	3,341
34	37	97 298	25 643,132	506 050,633	19,734	19,270	84	87	15 617	579,169	2 056,841	3,551	3,087
35	38	97 168	24 623,959	480 407,501	19,510	19,045	85	88	12 440	443,597	1 477,672	3,331	2,866
36	39	97 027	23 642,444	455 783,542	19,278	18,813	86	89	9 652	330,945	1 034,076	3,125	2,660
37	40	96 870	22 696,409	432 141,098	19,040	18,575	87	90	7 260	239,350	703,131	2,938	2,473
38	41	96 706	21 786,376	409 444,688	18,794	18,329	88	91	5 307	168,223	463,781	2,757	2,292
39	42	96 521	20 908,496	387 658,312	18,541	18,076	89	92	3 726	113,572	295,557	2,602	2,138
40	43	96 317	20 061,728	366 749,817	18,281	17,816	90	93	2 525	74,012	181,985	2,459	1,994
41	44	96 084	19 243,489	346 688,089	18,016	17,551	91	94	1 663	46,857	107,974	2,304	1,840
42	45	95 833	18 454,977	327 444,600	17,743	17,278	92	95	1 038	28,122	61,117	2,173	1,708
43	46	95 549	17 692,591	308 989,623	17,464	17,000	93	96	614	15,992	32,995	2,063	1,598
44	47	95 217	16 953,058	291 297,032	17,183	16,718	94	97	346	8,667	17,003	1,962	1,497
45	48	94 850	16 238,098	274 343,974	16,895	16,430	95	98	185	4,458	8,336	1,870	1,405
46	49	94 446	15 547,057	258 105,876	16,602	16,137	96	99	94	2,171	3,878	1,786	1,322
47	50	93 988	14 876,729	242 558,819	16,305	15,840	97	100	45	0,998	1,707	1,711	1,246
48	51	93 479	14 226,980	227 682,090	16,004	15,539							
49	52	92 917	13 597,526	213 455,110	15,698	15,233							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 394 788,707	24,039	23,574	50	54	92 018	12 948,057	197 388,025	15,245	14,780
1	5	99 205	95 389,231	2 295 167,362	24,061	23,596	51	55	91 333	12 357,371	184 439,968	14,926	14,461
2	6	99 161	91 679,474	2 199 778,131	23,994	23,529	52	56	90 567	11 782,500	172 082,597	14,605	14,140
3	7	99 133	88 129,306	2 108 098,657	23,921	23,456	53	57	89 749	11 226,995	160 300,098	14,278	13,813
4	8	99 110	84 719,844	2 019 969,351	23,843	23,378	54	58	88 866	10 688,963	149 073,103	13,946	13,482
5	9	99 090	81 444,592	1 935 249,507	23,762	23,297	55	59	87 894	10 165,424	138 384,140	13,613	13,148
6	10	99 072	78 298,075	1 853 804,915	23,676	23,211	56	60	86 871	9 660,634	128 218,716	13,272	12,807
7	11	99 054	75 272,609	1 775 506,840	23,588	23,123	57	61	85 752	9 169,462	118 558,082	12,930	12,465
8	12	99 036	72 364,761	1 700 234,230	23,495	23,031	58	62	84 585	8 696,841	109 388,620	12,578	12,113
9	13	99 019	69 569,479	1 627 869,469	23,399	22,934	59	63	83 311	8 236,395	100 691,779	12,225	11,760
10	14	99 001	66 881,407	1 558 299,991	23,299	22,835	60	64	81 962	7 791,298	92 455,384	11,866	11,402
11	15	98 980	64 295,335	1 491 418,584	23,196	22,732	61	65	80 509	7 358,861	84 664,086	11,505	11,040
12	16	98 957	61 808,046	1 427 123,249	23,090	22,625	62	66	78 988	6 942,113	77 305,224	11,136	10,671
13	17	98 930	59 415,046	1 365 315,203	22,979	22,514	63	67	77 375	6 538,851	70 363,112	10,761	10,296
14	18	98 904	57 114,822	1 305 900,157	22,864	22,400	64	68	75 670	6 148,816	63 824,261	10,380	9,915
15	19	98 866	54 897,047	1 248 785,335	22,748	22,283	65	69	73 852	5 770,267	57 675,444	9,995	9,530
16	20	98 825	52 763,730	1 193 888,287	22,627	22,162	66	70	71 904	5 401,952	51 905,177	9,609	9,144
17	21	98 775	50 708,610	1 141 124,558	22,504	22,039	67	71	69 860	5 046,570	46 503,225	9,215	8,750
18	22	98 720	48 731,095	1 090 415,948	22,376	21,911	68	72	67 685	4 701,412	41 456,655	8,818	8,353
19	23	98 643	46 820,021	1 041 684,852	22,249	21,784	69	73	65 328	4 363,166	36 755,243	8,424	7,959
20	24	98 567	44 984,467	994 864,831	22,116	21,651	70	74	62 808	4 033,505	32 392,077	8,031	7,566
21	25	98 485	43 218,627	949 880,364	21,978	21,514	71	75	60 142	3 713,705	28 358,572	7,636	7,171
22	26	98 408	41 523,683	906 661,736	21,835	21,370	72	76	57 282	3 401,114	24 644,866	7,246	6,781
23	27	98 326	39 893,492	865 138,054	21,686	21,221	73	77	54 206	3 094,682	21 243,753	6,865	6,400
24	28	98 247	38 328,104	825 244,562	21,531	21,066	74	78	50 949	2 796,866	18 149,071	6,489	6,024
25	29	98 164	36 823,148	786 916,457	21,370	20,905	75	79	47 477	2 506,011	15 352,205	6,126	5,661
26	30	98 079	35 376,074	750 093,309	21,203	20,739	76	80	43 879	2 227,028	12 846,194	5,768	5,303
27	31	97 992	33 985,352	714 717,235	21,030	20,565	77	81	40 122	1 958,029	10 619,166	5,423	4,959
28	32	97 898	32 646,893	680 731,883	20,851	20,387	78	82	36 241	1 700,597	8 661,137	5,093	4,628
29	33	97 804	31 360,925	648 084,990	20,665	20,201	79	83	32 279	1 456,400	6 960,539	4,779	4,314
30	34	97 706	30 124,433	616 724,065	20,473	20,008	80	84	28 353	1 230,088	5 504,140	4,475	4,010
31	35	97 601	28 934,812	586 599,633	20,273	19,808	81	85	24 473	1 020,895	4 274,052	4,187	3,722
32	36	97 487	27 789,464	557 664,821	20,067	19,603	82	86	20 709	830,680	3 253,157	3,916	3,451
33	37	97 369	26 688,239	529 875,357	19,854	19,389	83	87	17 167	662,122	2 422,478	3,659	3,194
34	38	97 247	25 629,626	503 187,117	19,633	19,168	84	88	13 827	512,760	1 760,355	3,433	2,968
35	39	97 111	24 609,442	477 557,492	19,405	18,941	85	89	10 879	387,942	1 247,595	3,216	2,751
36	40	96 959	23 625,817	452 948,050	19,172	18,707	86	90	8 303	284,689	859,653	3,020	2,555
37	41	96 801	22 680,231	429 322,233	18,929	18,465	87	91	6 184	203,879	574,964	2,820	2,355
38	42	96 625	21 768,272	406 642,001	18,680	18,216	88	92	4 388	139,097	371,085	2,668	2,203
39	43	96 430	20 888,717	384 873,729	18,425	17,960	89	93	3 022	92,109	231,988	2,519	2,054
40	44	96 215	20 040,551	363 985,012	18,162	17,698	90	94	2 003	58,700	139,879	2,383	1,918
41	45	95 975	19 221,728	343 944,461	17,894	17,429	91	95	1 288	36,296	81,179	2,237	1,772
42	46	95 703	18 430,015	324 722,733	17,619	17,154	92	96	784	21,248	44,884	2,112	1,648
43	47	95 401	17 665,152	306 292,717	17,339	16,874	93	97	452	11,770	23,636	2,008	1,543
44	48	95 052	16 923,637	288 627,566	17,055	16,590	94	98	248	6,206	11,866	1,912	1,447
45	49	94 674	16 208,010	271 703,929	16,764	16,299	95	99	129	3,102	5,660	1,825	1,360
46	50	94 248	15 514,532	255 495,919	16,468	16,003	96	100	63	1,465	2,558	1,746	1,281
47	51	93 769	14 841,970	239 981,387	16,169	15,704							
48	52	93 246	14 191,544	225 139,418	15,864	15,400							
49	53	92 659	13 559,850	210 947,874	15,557	15,092							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 391 378,281	24,008	23,543	50	55	91 725	12 906,802	194 747,668	15,089	14,624
1	6	99 196	95 380,602	2 291 768,876	24,028	23,563	51	56	91 004	12 312,914	181 840,866	14,768	14,303
2	7	99 153	91 672,124	2 196 388,274	23,959	23,494	52	57	90 224	11 737,810	169 527,952	14,443	13,978
3	8	99 125	88 121,944	2 104 716,150	23,884	23,419	53	58	89 379	11 180,669	157 790,142	14,113	13,648
4	9	99 104	84 714,582	2 016 594,207	23,805	23,340	54	59	88 461	10 640,225	146 609,473	13,779	13,314
5	10	99 084	81 439,421	1 931 879,625	23,722	23,257	55	60	87 474	10 116,850	135 969,248	13,440	12,975
6	11	99 064	78 291,768	1 850 440,203	23,635	23,170	56	61	86 396	9 607,810	125 852,397	13,099	12,634
7	12	99 046	75 266,631	1 772 148,436	23,545	23,080	57	62	85 264	9 117,329	116 244,587	12,750	12,285
8	13	99 029	72 359,214	1 696 881,805	23,451	22,986	58	63	84 055	8 642,271	107 127,258	12,396	11,931
9	14	99 009	69 562,635	1 624 522,590	23,353	22,889	59	64	82 756	8 181,470	98 484,987	12,038	11,573
10	15	98 989	66 873,127	1 554 959,956	23,252	22,788	60	65	81 372	7 735,233	90 303,517	11,674	11,209
11	16	98 966	64 286,619	1 488 086,828	23,148	22,683	61	66	79 886	7 301,886	82 568,284	11,308	10,843
12	17	98 941	61 798,110	1 423 800,209	23,040	22,575	62	67	78 338	6 885,050	75 266,398	10,932	10,467
13	18	98 913	59 404,616	1 362 002,100	22,928	22,463	63	68	76 677	6 479,873	68 381,348	10,553	10,088
14	19	98 883	57 102,346	1 302 597,483	22,812	22,347	64	69	74 929	6 088,588	61 901,475	10,167	9,702
15	20	98 845	54 885,241	1 245 495,137	22,693	22,228	65	70	73 042	5 706,981	55 812,887	9,780	9,315
16	21	98 805	52 752,597	1 190 609,896	22,570	22,105	66	71	71 045	5 337,409	50 105,906	9,388	8,923
17	22	98 754	50 697,650	1 137 857,299	22,444	21,979	67	72	68 928	4 979,233	44 768,498	8,991	8,526
18	23	98 698	48 719,897	1 087 159,649	22,314	21,850	68	73	66 638	4 628,657	39 789,264	8,596	8,131
19	24	98 620	46 809,372	1 038 439,752	22,184	21,720	69	74	64 196	4 287,529	35 160,607	8,201	7,736
20	25	98 544	44 974,240	991 630,380	22,049	21,584	70	75	61 594	3 955,561	30 873,078	7,805	7,340
21	26	98 463	43 208,996	946 656,140	21,909	21,444	71	76	58 802	3 630,960	26 917,517	7,413	6,949
22	27	98 381	41 512,589	903 447,144	21,763	21,298	72	77	55 830	3 314,904	23 286,557	7,025	6,560
23	28	98 301	39 883,195	861 934,555	21,611	21,147	73	78	52 637	3 005,078	19 971,654	6,646	6,181
24	29	98 221	38 318,149	822 051,360	21,453	20,988	74	79	49 255	2 703,847	16 966,576	6,275	5,810
25	30	98 137	36 812,934	783 733,211	21,290	20,825	75	80	45 694	2 411,909	14 262,729	5,913	5,449
26	31	98 052	35 366,365	746 920,276	21,120	20,655	76	81	41 976	2 130,435	11 850,820	5,563	5,098
27	32	97 960	33 974,272	711 553,911	20,944	20,479	77	82	38 136	1 861,115	9 720,385	5,223	4,758
28	33	97 864	32 635,586	677 579,639	20,762	20,297	78	83	34 180	1 603,888	7 859,271	4,900	4,435
29	34	97 768	31 349,579	644 944,053	20,573	20,108	79	84	30 182	1 361,793	6 255,382	4,593	4,129
30	35	97 666	30 112,208	613 594,474	20,377	19,912	80	85	26 256	1 139,079	4 893,589	4,296	3,831
31	36	97 559	28 922,481	583 482,267	20,174	19,709	81	86	22 385	933,817	3 754,511	4,021	3,556
32	37	97 442	27 776,506	554 559,786	19,965	19,500	82	87	18 708	750,396	2 820,694	3,759	3,294
33	38	97 318	26 674,183	526 783,280	19,749	19,284	83	88	15 199	586,202	2 070,298	3,532	3,067
34	39	97 190	25 614,515	500 109,097	19,524	19,060	84	89	12 092	448,428	1 484,096	3,310	2,845
35	40	97 043	24 592,135	474 494,582	19,295	18,830	85	90	9 359	333,720	1 035,667	3,103	2,639
36	41	96 890	23 608,977	449 902,447	19,056	18,592	86	91	7 073	242,499	701,947	2,895	2,430
37	42	96 721	22 661,385	426 293,470	18,811	18,347	87	92	5 113	168,578	459,448	2,725	2,261
38	43	96 534	21 747,680	403 632,086	18,560	18,095	88	93	3 559	112,810	290,869	2,578	2,114
39	44	96 328	20 866,668	381 884,405	18,301	17,836	89	94	2 397	73,053	178,060	2,437	1,973
40	45	96 106	20 017,889	361 017,737	18,035	17,570	90	95	1 551	45,469	105,007	2,309	1,845
41	46	95 845	19 195,729	340 999,848	17,764	17,300	91	96	973	27,423	59,537	2,171	1,706
42	47	95 555	18 401,432	321 804,119	17,488	17,023	92	97	577	15,638	32,114	2,054	1,589
43	48	95 235	17 634,495	303 402,687	17,205	16,740	93	98	323	8,428	16,476	1,955	1,490
44	49	94 876	16 892,278	285 768,191	16,917	16,452	94	99	172	4,318	8,047	1,864	1,399
45	50	94 476	16 174,101	268 875,913	16,624	16,159	95	100	87	2,094	3,730	1,781	1,316
46	51	94 028	15 478,283	252 701,812	16,326	15,861							
47	52	93 535	14 805,002	237 223,530	16,023	15,558							
48	53	92 988	14 152,221	222 418,528	15,716	15,251							
49	54	92 378	13 518,639	208 266,307	15,406	14,941							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 387 727,495	23,973	23,508	50	56	91 395	12 860,369	191 929,458	14,924	14,459
1	7	99 188	95 372,955	2 288 127,100	23,991	23,527	51	57	90 659	12 266,213	179 069,088	14,599	14,134
2	8	99 144	91 664,465	2 192 754,145	23,922	23,457	52	58	89 851	11 689,377	166 802,875	14,270	13,805
3	9	99 119	88 116,470	2 101 089,680	23,844	23,380	53	59	88 971	11 129,689	155 113,499	13,937	13,472
4	10	99 098	84 709,204	2 012 973,210	23,763	23,299	54	60	88 038	10 589,382	143 983,810	13,597	13,132
5	11	99 076	81 432,860	1 928 264,006	23,679	23,214	55	61	86 996	10 061,532	133 394,428	13,258	12,793
6	12	99 056	78 285,549	1 846 831,145	23,591	23,126	56	62	85 904	9 553,186	123 332,895	12,910	12,445
7	13	99 038	75 260,862	1 768 545,596	23,499	23,034	57	63	84 729	9 060,120	113 779,710	12,558	12,093
8	14	99 019	72 352,096	1 693 284,734	23,403	22,939	58	64	83 494	8 584,638	104 719,590	12,198	11,734
9	15	98 997	69 554,023	1 620 932,638	23,305	22,840	59	65	82 160	8 122,597	96 134,951	11,835	11,371
10	16	98 975	66 864,062	1 551 378,615	23,202	22,737	60	66	80 742	7 675,344	88 012,354	11,467	11,002
11	17	98 950	64 276,284	1 484 514,553	23,096	22,631	61	67	79 229	7 241,866	80 337,010	11,093	10,629
12	18	98 923	61 787,262	1 420 238,269	22,986	22,521	62	68	77 632	6 822,949	73 095,144	10,713	10,248
13	19	98 891	59 391,640	1 358 451,007	22,873	22,408	63	69	75 926	6 416,402	66 272,194	10,329	9,864
14	20	98 862	57 090,066	1 299 059,367	22,755	22,290	64	70	74 107	6 021,810	59 855,792	9,940	9,475
15	21	98 824	54 873,661	1 241 969,301	22,633	22,168	65	71	72 169	5 638,793	53 833,982	9,547	9,082
16	22	98 783	52 741,195	1 187 095,639	22,508	22,043	66	72	70 097	5 266,192	48 195,189	9,152	8,687
17	23	98 731	50 686,000	1 134 354,445	22,380	21,915	67	73	67 861	4 902,179	42 928,998	8,757	8,292
18	24	98 675	48 708,816	1 083 668,445	22,248	21,783	68	74	65 483	4 548,417	38 026,819	8,360	7,896
19	25	98 598	46 798,729	1 034 959,630	22,115	21,650	69	75	62 955	4 204,677	33 478,402	7,962	7,497
20	26	98 522	44 964,218	988 160,900	21,977	21,512	70	76	60 222	3 867,427	29 273,725	7,569	7,104
21	27	98 437	43 197,453	943 196,682	21,835	21,370	71	77	57 311	3 538,923	25 406,298	7,179	6,714
22	28	98 356	41 501,874	899 999,230	21,686	21,221	72	78	54 214	3 218,923	21 867,375	6,793	6,329
23	29	98 275	39 872,836	858 497,356	21,531	21,066	73	79	50 886	2 905,134	18 648,452	6,419	5,954
24	30	98 194	38 307,521	818 624,521	21,370	20,905	74	80	47 405	2 602,316	15 743,318	6,050	5,585
25	31	98 110	36 802,831	780 316,999	21,203	20,738	75	81	43 712	2 307,297	13 141,002	5,695	5,231
26	32	98 020	35 354,835	743 514,168	21,030	20,565	76	82	39 898	2 024,987	10 833,705	5,350	4,885
27	33	97 926	33 962,505	708 159,333	20,851	20,386	77	83	35 968	1 755,277	8 808,718	5,018	4,554
28	34	97 829	32 623,779	674 196,828	20,666	20,201	78	84	31 960	1 499,701	7 053,440	4,703	4,238
29	35	97 729	31 336,857	641 573,049	20,473	20,009	79	85	27 949	1 261,040	5 553,739	4,404	3,939
30	36	97 624	30 099,375	610 236,192	20,274	19,809	80	86	24 016	1 041,920	4 292,700	4,120	3,655
31	37	97 514	28 908,994	580 136,817	20,068	19,603	81	87	20 222	843,565	3 250,779	3,854	3,389
32	38	97 390	27 761,876	551 227,823	19,856	19,391	82	88	16 563	664,354	2 407,214	3,623	3,159
33	39	97 260	26 658,456	523 465,948	19,636	19,171	83	89	13 292	512,656	1 742,860	3,400	2,935
34	40	97 121	25 596,501	496 807,491	19,409	18,944	84	90	10 402	385,752	1 230,204	3,189	2,724
35	41	96 974	24 574,606	471 210,990	19,175	18,710	85	91	7 972	284,264	844,452	2,971	2,506
36	42	96 809	23 589,358	446 636,384	18,934	18,469	86	92	5 848	200,512	560,188	2,794	2,329
37	43	96 629	22 639,948	423 047,026	18,686	18,221	87	93	4 147	136,720	359,676	2,631	2,166
38	44	96 432	21 724,725	400 407,078	18,431	17,966	88	94	2 822	89,471	222,956	2,492	2,027
39	45	96 219	20 843,072	378 682,353	18,168	17,703	89	95	1 856	56,588	133,485	2,359	1,894
40	46	95 976	19 990,814	357 839,281	17,900	17,435	90	96	1 172	34,354	76,897	2,238	1,774
41	47	95 697	19 165,958	337 848,468	17,628	17,163	91	97	716	20,184	42,543	2,108	1,643
42	48	95 389	18 369,498	318 682,509	17,348	16,884	92	98	413	11,198	22,359	1,997	1,532
43	49	95 059	17 601,819	300 313,011	17,061	16,597	93	99	225	5,864	11,161	1,903	1,439
44	50	94 677	16 856,938	282 711,192	16,771	16,306	94	100	116	2,915	5,298	1,817	1,353
45	51	94 255	16 136,311	265 854,254	16,476	16,011							
46	52	93 794	15 439,730	249 717,943	16,174	15,709							
47	53	93 276	14 763,979	234 278,213	15,868	15,403							
48	54	92 705	14 109,210	219 514,234	15,558	15,093							
49	55	92 083	13 475,566	205 405,024	15,243	14,778							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 383 822,078	23,936	23,471	50	57	91 048	12 811,591	188 930,166	14,747	14,282
1	8	99 180	95 364,987	2 284 229,670	23,952	23,488	51	58	90 285	12 215,599	176 118,574	14,418	13,953
2	9	99 138	91 658,772	2 188 864,682	23,881	23,416	52	59	89 442	11 636,077	163 902,975	14,086	13,621
3	10	99 113	88 110,876	2 097 205,911	23,802	23,337	53	60	88 546	11 076,507	152 266,898	13,747	13,282
4	11	99 090	84 702,380	2 009 095,035	23,719	23,255	54	61	87 557	10 531,481	141 190,391	13,407	12,942
5	12	99 068	81 426,393	1 924 392,655	23,634	23,169	55	62	86 501	10 004,328	130 658,910	13,060	12,595
6	13	99 049	78 279,549	1 842 966,262	23,543	23,079	56	63	85 365	9 493,241	120 654,582	12,710	12,245
7	14	99 028	75 253,458	1 764 686,713	23,450	22,985	57	64	84 164	8 999,701	111 161,341	12,352	11,887
8	15	99 007	72 343,139	1 689 433,255	23,353	22,888	58	65	82 893	8 522,865	102 161,639	11,987	11,522
9	16	98 984	69 544,595	1 617 090,116	23,253	22,788	59	66	81 524	8 059,709	93 638,774	11,618	11,153
10	17	98 959	66 853,313	1 547 545,521	23,148	22,684	60	67	80 078	7 612,254	85 579,065	11,242	10,777
11	18	98 933	64 265,001	1 480 692,208	23,040	22,576	61	68	78 514	7 176,547	77 966,811	10,864	10,399
12	19	98 902	61 773,765	1 416 427,207	22,929	22,464	62	69	76 871	6 756,118	70 790,264	10,478	10,013
13	20	98 870	59 378,868	1 354 653,442	22,814	22,349	63	70	75 094	6 346,029	64 034,146	10,090	9,626
14	21	98 841	57 078,021	1 295 274,575	22,693	22,228	64	71	73 222	5 949,860	57 688,117	9,696	9,231
15	22	98 803	54 861,801	1 238 196,554	22,569	22,105	65	72	71 206	5 563,555	51 738,257	9,299	8,835
16	23	98 761	52 729,075	1 183 334,753	22,442	21,977	66	73	69 012	5 184,697	46 174,702	8,906	8,441
17	24	98 709	50 674,471	1 130 605,678	22,311	21,846	67	74	66 685	4 817,198	40 990,006	8,509	8,044
18	25	98 653	48 697,741	1 079 931,208	22,176	21,711	68	75	64 217	4 460,523	36 172,808	8,110	7,645
19	26	98 576	46 788,301	1 031 233,466	22,040	21,576	69	76	61 553	4 110,992	31 712,285	7,714	7,249
20	27	98 496	44 952,205	984 445,165	21,900	21,435	70	77	58 696	3 769,396	27 601,293	7,322	6,858
21	28	98 412	43 186,302	939 492,960	21,754	21,290	71	78	55 652	3 436,456	23 831,897	6,935	6,470
22	29	98 331	41 491,094	896 306,658	21,602	21,138	72	79	52 411	3 111,868	20 395,441	6,554	6,089
23	30	98 248	39 861,776	854 815,564	21,444	20,980	73	80	48 975	2 796,045	17 283,573	6,181	5,717
24	31	98 167	38 297,008	814 953,788	21,280	20,815	74	81	45 349	2 489,445	14 487,528	5,820	5,355
25	32	98 078	36 790,833	776 656,779	21,110	20,645	75	82	41 549	2 193,095	11 998,083	5,471	5,006
26	33	97 986	35 342,590	739 865,947	20,934	20,469	76	83	37 630	1 909,831	9 804,988	5,134	4,669
27	34	97 891	33 950,218	704 523,357	20,752	20,287	77	84	33 631	1 641,256	7 895,157	4,810	4,346
28	35	97 789	32 610,539	670 573,139	20,563	20,098	78	85	29 595	1 388,744	6 253,901	4,503	4,038
29	36	97 687	31 323,502	637 962,599	20,367	19,902	79	86	25 565	1 153,479	4 865,157	4,218	3,753
30	37	97 579	30 085,339	606 639,097	20,164	19,699	80	87	21 695	941,220	3 711,678	3,943	3,479
31	38	97 463	28 893,768	576 553,758	19,954	19,489	81	88	17 903	746,840	2 770,457	3,710	3,245
32	39	97 333	27 745,508	547 659,990	19,739	19,274	82	89	14 485	581,003	2 023,617	3,483	3,018
33	40	97 192	26 639,708	519 914,482	19,517	19,052	83	90	11 434	441,003	1 442,614	3,271	2,806
34	41	97 052	25 578,256	493 274,774	19,285	18,820	84	91	8 860	328,585	1 001,611	3,048	2,583
35	42	96 893	24 554,185	467 696,517	19,048	18,583	85	92	6 592	235,045	673,026	2,863	2,399
36	43	96 718	23 567,044	443 142,333	18,803	18,339	86	93	4 743	162,619	437,981	2,693	2,228
37	44	96 527	22 616,051	419 575,289	18,552	18,087	87	94	3 289	108,435	275,362	2,539	2,075
38	45	96 323	21 700,158	396 959,238	18,293	17,828	88	95	2 186	69,305	166,927	2,409	1,944
39	46	96 089	20 814,880	375 259,080	18,028	17,564	89	96	1 403	42,755	97,622	2,283	1,818
40	47	95 827	19 959,810	354 444,200	17,758	17,293	90	97	863	25,285	54,868	2,170	1,705
41	48	95 531	19 132,698	334 484,390	17,482	17,018	91	98	513	14,453	29,582	2,047	1,582
42	49	95 212	18 335,460	315 351,693	17,199	16,734	92	99	287	7,791	15,130	1,942	1,477
43	50	94 860	17 564,995	297 016,233	16,910	16,445	93	100	152	3,958	7,339	1,854	1,389
44	51	94 456	16 817,553	279 451,238	16,617	16,152							
45	52	94 020	16 096,119	262 633,685	16,317	15,852							
46	53	93 534	15 396,949	246 537,567	16,012	15,547							
47	54	92 993	14 719,109	231 140,618	15,703	15,239							
48	55	92 410	14 064,256	216 421,509	15,388	14,923							
49	56	91 752	13 427,087	202 357,253	15,071	14,606							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 379 649,747	23,896	23,431	50	58	90 672	12 758,727	185 744,070	14,558	14,093
1	9	99 173	95 359,064	2 280 065,658	23,910	23,445	51	59	89 873	12 159,900	172 985,342	14,226	13,761
2	10	99 132	91 652,953	2 184 706,594	23,837	23,372	52	60	89 014	11 580,476	160 825,442	13,888	13,423
3	11	99 105	88 103,778	2 093 053,641	23,757	23,292	53	61	88 062	11 015,942	149 244,966	13,548	13,083
4	12	99 082	84 695,653	2 004 949,864	23,672	23,208	54	62	87 059	10 471,604	138 229,024	13,200	12,736
5	13	99 060	81 420,151	1 920 254,211	23,585	23,120	55	63	85 958	9 941,553	127 757,419	12,851	12,386
6	14	99 039	78 271,848	1 838 834,059	23,493	23,028	56	64	84 796	9 429,934	117 815,866	12,494	12,029
7	15	99 016	75 244,142	1 760 562,211	23,397	22,933	57	65	83 559	8 934,941	108 385,932	12,131	11,666
8	16	98 993	72 333,333	1 685 318,069	23,299	22,835	58	66	82 251	8 456,877	99 450,991	11,760	11,295
9	17	98 968	69 533,414	1 612 984,737	23,197	22,732	59	67	80 854	7 993,460	90 994,113	11,384	10,919
10	18	98 942	66 841,578	1 543 451,322	23,091	22,626	60	68	79 356	7 543,595	83 000,654	11,003	10,538
11	19	98 911	64 250,963	1 476 609,745	22,982	22,517	61	69	77 745	7 106,252	75 457,059	10,618	10,154
12	20	98 881	61 760,480	1 412 358,782	22,868	22,404	62	70	76 028	6 682,019	68 350,807	10,229	9,764
13	21	98 849	59 366,339	1 350 598,301	22,750	22,285	63	71	74 196	6 270,205	61 668,788	9,835	9,370
14	22	98 819	57 065,684	1 291 231,962	22,627	22,162	64	72	72 245	5 870,471	55 398,583	9,437	8,972
15	23	98 780	54 849,194	1 234 166,278	22,501	22,036	65	73	70 105	5 477,458	49 528,112	9,042	8,577
16	24	98 738	52 717,082	1 179 317,085	22,371	21,906	66	74	67 816	5 094,818	44 050,654	8,646	8,181
17	25	98 686	50 662,950	1 126 600,003	22,237	21,772	67	75	65 396	4 724,110	38 955,836	8,246	7,781
18	26	98 631	48 686,890	1 075 937,053	22,099	21,634	68	76	62 787	4 361,138	34 231,726	7,849	7,384
19	27	98 550	46 775,801	1 027 250,164	21,961	21,496	69	77	59 992	4 006,787	29 870,589	7,455	6,990
20	28	98 470	44 940,602	980 474,363	21,817	21,352	70	78	56 996	3 660,256	25 863,801	7,066	6,601
21	29	98 386	43 175,085	935 533,762	21,668	21,204	71	79	53 801	3 322,166	22 203,545	6,683	6,219
22	30	98 303	41 479,586	892 358,676	21,513	21,048	72	80	50 443	2 995,015	18 881,379	6,304	5,839
23	31	98 221	39 850,837	850 879,090	21,352	20,887	73	81	46 851	2 674,771	15 886,364	5,939	5,475
24	32	98 135	38 284,522	811 028,254	21,184	20,719	74	82	43 105	2 366,228	13 211,593	5,583	5,119
25	33	98 044	36 778,091	772 743,731	21,011	20,546	75	83	39 186	2 068,379	10 845,364	5,243	4,779
26	34	97 951	35 329,803	735 965,641	20,831	20,366	76	84	35 185	1 785,770	8 776,986	4,915	4,450
27	35	97 851	33 936,440	700 635,837	20,646	20,181	77	85	31 143	1 519,826	6 991,216	4,600	4,135
28	36	97 748	32 596,642	666 699,397	20,453	19,988	78	86	27 071	1 270,291	5 471,389	4,307	3,842
29	37	97 642	31 308,896	634 102,755	20,253	19,788	79	87	23 094	1 041,997	4 201,098	4,032	3,567
30	38	97 527	30 069,493	602 793,860	20,047	19,582	80	88	19 207	833,298	3 159,102	3,791	3,326
31	39	97 405	28 876,733	572 724,366	19,833	19,369	81	89	15 657	653,140	2 325,803	3,561	3,096
32	40	97 264	27 725,996	543 847,633	19,615	19,150	82	90	12 460	499,797	1 672,663	3,347	2,882
33	41	97 123	26 620,720	516 121,638	19,388	18,923	83	91	9 740	375,648	1 172,866	3,122	2,657
34	42	96 971	25 557,001	489 500,918	19,153	18,688	84	92	7 326	271,692	797,218	2,934	2,469
35	43	96 801	24 530,958	463 943,916	18,913	18,448	85	93	5 346	190,626	525,526	2,757	2,292
36	44	96 615	23 542,168	439 412,959	18,665	18,200	86	94	3 762	128,976	334,900	2,597	2,132
37	45	96 418	22 590,476	415 870,791	18,409	17,944	87	95	2 548	83,995	205,925	2,452	1,987
38	46	96 193	21 670,807	393 280,315	18,148	17,683	88	96	1 652	52,364	121,930	2,329	1,864
39	47	95 940	20 782,598	371 609,508	17,881	17,416	89	97	1 032	31,468	69,566	2,211	1,746
40	48	95 661	19 925,171	350 826,910	17,607	17,142	90	98	618	18,105	38,098	2,104	1,639
41	49	95 354	19 097,245	330 901,739	17,327	16,862	91	99	357	10,055	19,993	1,988	1,524
42	50	95 013	18 297,101	311 804,493	17,041	16,576	92	100	194	5,259	9,938	1,890	1,425
43	51	94 638	17 523,955	293 507,393	16,749	16,284							
44	52	94 221	16 775,664	275 983,438	16,451	15,987							
45	53	93 760	16 051,519	259 207,774	16,148	15,684							
46	54	93 249	15 350,154	243 156,255	15,841	15,376							
47	55	92 696	14 672,211	227 806,100	15,526	15,062							
48	56	92 077	14 013,659	213 133,889	15,209	14,744							
49	57	91 404	13 376,160	199 120,230	14,886	14,421							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 375 199,717	23,853	23,388	50	59	90 259	12 700,552	182 367,611	14,359	13,894
1	10	99 167	95 353,010	2 275 621,814	23,865	23,400	51	60	89 444	12 101,796	169 667,059	14,020	13,555
2	11	99 124	91 645,569	2 180 268,804	23,790	23,325	52	61	88 528	11 517,155	157 565,263	13,681	13,216
3	12	99 097	88 096,781	2 088 623,235	23,708	23,243	53	62	87 561	10 953,312	146 048,108	13,334	12,869
4	13	99 074	84 689,160	2 000 526,454	23,622	23,157	54	63	86 513	10 405,897	135 094,796	12,983	12,518
5	14	99 050	81 412,142	1 915 837,294	23,533	23,068	55	64	85 385	9 875,256	124 688,899	12,626	12,162
6	15	99 027	78 262,159	1 834 425,152	23,439	22,975	56	65	84 186	9 362,078	114 813,642	12,264	11,799
7	16	99 003	75 233,942	1 756 162,993	23,343	22,878	57	66	82 912	8 865,312	105 451,564	11,894	11,429
8	17	98 977	72 321,704	1 680 929,051	23,242	22,778	58	67	81 575	8 387,364	96 585,801	11,516	11,051
9	18	98 950	69 521,209	1 608 607,347	23,138	22,674	59	68	80 125	7 921,362	88 198,437	11,134	10,669
10	19	98 920	66 826,977	1 539 086,138	23,031	22,566	60	69	78 579	7 469,704	80 277,075	10,747	10,282
11	20	98 890	64 237,145	1 472 259,162	22,919	22,454	61	70	76 893	7 028,313	72 807,371	10,359	9,894
12	21	98 860	61 747,450	1 408 022,016	22,803	22,338	62	71	75 120	6 602,181	65 779,058	9,963	9,498
13	22	98 828	59 353,507	1 346 274,566	22,682	22,217	63	72	73 206	6 186,542	59 176,878	9,565	9,101
14	23	98 797	57 052,570	1 286 921,059	22,557	22,092	64	73	71 127	5 779,625	52 990,336	9,168	8,704
15	24	98 758	54 836,718	1 229 868,489	22,428	21,963	65	74	68 889	5 382,504	47 210,711	8,771	8,306
16	25	98 716	52 705,096	1 175 031,771	22,294	21,830	66	75	66 505	4 996,365	41 828,207	8,372	7,907
17	26	98 664	50 651,660	1 122 326,675	22,158	21,693	67	76	63 939	4 618,851	36 831,842	7,974	7,509
18	27	98 604	48 673,882	1 071 675,015	22,017	21,553	68	77	61 195	4 250,593	32 212,991	7,578	7,114
19	28	98 524	46 763,726	1 023 001,133	21,876	21,411	69	78	58 255	3 890,774	27 962,398	7,187	6,722
20	29	98 445	44 928,929	976 237,406	21,728	21,264	70	79	55 101	3 538,523	24 071,624	6,803	6,338
21	30	98 359	43 163,110	931 308,477	21,576	21,112	71	80	51 781	3 197,417	20 533,101	6,422	5,957
22	31	98 276	41 468,202	888 145,367	21,418	20,953	72	81	48 255	2 865,112	17 335,684	6,051	5,586
23	32	98 189	39 837,844	846 677,165	21,253	20,788	73	82	44 532	2 542,381	14 470,573	5,692	5,227
24	33	98 101	38 271,263	806 839,320	21,082	20,617	74	83	40 653	2 231,666	11 928,191	5,345	4,880
25	34	98 009	36 764,785	768 568,058	20,905	20,440	75	84	36 640	1 934,019	9 696,525	5,014	4,549
26	35	97 911	35 315,466	731 803,273	20,722	20,257	76	85	32 582	1 653,648	7 762,507	4,694	4,229
27	36	97 810	33 921,978	696 487,807	20,532	20,067	77	86	28 487	1 390,192	6 108,858	4,394	3,929
28	37	97 702	32 581,442	662 565,829	20,336	19,871	78	87	24 455	1 147,519	4 718,666	4,112	3,647
29	38	97 590	31 292,405	629 984,387	20,132	19,667	79	88	20 446	922,520	3 571,147	3,871	3,406
30	39	97 470	30 051,765	598 691,982	19,922	19,457	80	89	16 798	728,751	2 648,627	3,634	3,170
31	40	97 337	28 856,425	568 640,217	19,706	19,241	81	90	13 469	561,852	1 919,876	3,417	2,952
32	41	97 195	27 706,233	539 783,792	19,482	19,018	82	91	10 614	425,729	1 358,024	3,190	2,725
33	42	97 042	26 598,599	512 077,559	19,252	18,787	83	92	8 053	310,606	932,296	3,002	2,537
34	43	96 880	25 532,826	485 478,961	19,014	18,549	84	93	5 942	220,347	621,689	2,821	2,357
35	44	96 699	24 505,064	459 946,135	18,769	18,305	85	94	4 240	151,188	401,342	2,655	2,190
36	45	96 506	23 515,546	435 441,071	18,517	18,052	86	95	2 914	99,906	250,154	2,504	2,039
37	46	96 288	22 559,921	411 925,525	18,259	17,794	87	96	1 925	63,462	150,248	2,368	1,903
38	47	96 043	21 637,197	389 365,604	17,995	17,530	88	97	1 216	38,540	86,786	2,252	1,787
39	48	95 774	20 746,531	367 728,406	17,725	17,260	89	98	739	22,532	48,246	2,141	1,676
40	49	95 484	19 888,250	346 981,875	17,447	16,982	90	99	430	12,596	25,713	2,041	1,577
41	50	95 154	19 057,293	327 093,625	17,164	16,699	91	100	241	6,788	13,117	1,932	1,468
42	51	94 791	18 254,350	308 036,332	16,875	16,410							
43	52	94 402	17 480,307	289 781,982	16,578	16,113							
44	53	93 960	16 729,181	272 301,675	16,277	15,812							
45	54	93 475	16 002,736	255 572,494	15,971	15,506							
46	55	92 952	15 301,246	239 569,758	15,657	15,192							
47	56	92 363	14 619,428	224 268,512	15,340	14,876							
48	57	91 728	13 960,507	209 649,084	15,017	14,552							
49	58	91 027	13 320,966	195 688,577	14,690	14,225							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 370 458,733	23,807	23,342	50	60	89 828	12 639,864	178 798,911	14,146	13,681
1	11	99 159	95 345,329	2 270 887,151	23,817	23,353	51	61	88 955	12 035,625	166 159,046	13,806	13,341
2	12	99 116	91 638,291	2 175 541,823	23,741	23,276	52	62	88 024	11 451,675	154 123,421	13,459	12,994
3	13	99 089	88 090,028	2 083 903,532	23,657	23,192	53	63	87 012	10 884,582	142 671,747	13,108	12,643
4	14	99 065	84 680,830	1 995 813,505	23,569	23,104	54	64	85 936	10 336,504	131 787,164	12,750	12,285
5	15	99 038	81 402,064	1 911 132,675	23,478	23,013	55	65	84 771	9 804,196	121 450,660	12,388	11,923
6	16	99 013	78 251,549	1 829 730,612	23,383	22,918	56	66	83 534	9 289,593	111 646,464	12,018	11,554
7	17	98 987	75 221,847	1 751 479,062	23,284	22,819	57	67	82 230	8 792,889	102 356,871	11,641	11,176
8	18	98 960	72 309,009	1 676 257,215	23,182	22,717	58	68	80 840	8 311,713	93 563,983	11,257	10,792
9	19	98 929	69 506,023	1 603 948,206	23,076	22,612	59	69	79 340	7 843,771	85 252,270	10,869	10,404
10	20	98 899	66 812,605	1 534 442,184	22,966	22,502	60	70	77 717	7 387,777	77 408,499	10,478	10,013
11	21	98 869	64 223,592	1 467 629,578	22,852	22,387	61	71	75 974	6 944,337	70 020,720	10,083	9,618
12	22	98 838	61 734,103	1 403 405,986	22,733	22,268	62	72	74 117	6 514,088	63 076,383	9,683	9,218
13	23	98 805	59 339,868	1 341 671,883	22,610	22,145	63	73	72 073	6 090,804	56 562,295	9,287	8,822
14	24	98 774	57 039,593	1 282 332,015	22,481	22,017	64	74	69 894	5 679,433	50 471,491	8,887	8,422
15	25	98 735	54 824,251	1 225 292,421	22,349	21,885	65	75	67 558	5 278,492	44 792,058	8,486	8,021
16	26	98 694	52 693,351	1 170 468,171	22,213	21,748	66	76	65 023	4 885,040	39 513,566	8,089	7,624
17	27	98 638	50 638,128	1 117 774,820	22,074	21,609	67	77	62 319	4 501,774	34 628,526	7,692	7,227
18	28	98 579	48 661,318	1 067 136,692	21,930	21,465	68	78	59 423	4 127,520	30 126,752	7,299	6,834
19	29	98 499	46 751,580	1 018 475,374	21,785	21,320	69	79	56 318	3 761,374	25 999,232	6,912	6,447
20	30	98 418	44 916,467	971 723,793	21,634	21,169	70	80	53 031	3 405,649	22 237,858	6,530	6,065
21	31	98 332	43 151,264	926 807,326	21,478	21,013	71	81	49 535	3 058,735	18 832,209	6,157	5,692
22	32	98 244	41 454,683	883 656,062	21,316	20,851	72	82	45 867	2 723,301	15 773,474	5,792	5,327
23	33	98 155	39 824,047	842 201,379	21,148	20,683	73	83	42 000	2 397,802	13 050,173	5,443	4,978
24	34	98 065	38 257,417	802 377,332	20,973	20,508	74	84	38 013	2 086,699	10 652,372	5,105	4,640
25	35	97 969	36 749,865	764 119,916	20,792	20,328	75	85	33 930	1 790,929	8 565,673	4,783	4,318
26	36	97 869	35 300,416	727 370,051	20,605	20,140	76	86	29 803	1 512,600	6 774,744	4,479	4,014
27	37	97 764	33 906,160	692 069,635	20,411	19,947	77	87	25 733	1 255,832	5 262,144	4,190	3,725
28	38	97 651	32 564,281	658 163,475	20,211	19,746	78	88	21 651	1 015,943	4 006,312	3,943	3,479
29	39	97 533	31 273,956	625 599,194	20,004	19,539	79	89	17 881	806,779	2 990,369	3,707	3,242
30	40	97 401	30 030,631	594 325,238	19,791	19,326	80	90	14 450	626,895	2 183,591	3,483	3,018
31	41	97 267	28 835,856	564 294,607	19,569	19,104	81	91	11 473	478,587	1 556,696	3,253	2,788
32	42	97 114	27 683,210	535 458,751	19,342	18,878	82	92	8 776	352,016	1 078,109	3,063	2,598
33	43	96 950	26 573,438	507 775,541	19,108	18,644	83	93	6 531	251,907	726,093	2,882	2,418
34	44	96 777	25 505,875	481 202,103	18,866	18,402	84	94	4 712	174,761	474,186	2,713	2,249
35	45	96 590	24 477,353	455 696,229	18,617	18,152	85	95	3 284	117,112	299,425	2,557	2,092
36	46	96 376	23 483,740	431 218,876	18,362	17,898	86	96	2 202	75,484	182,313	2,415	1,950
37	47	96 138	22 524,932	407 735,136	18,102	17,637	87	97	1 417	46,709	106,829	2,287	1,822
38	48	95 877	21 599,648	385 210,204	17,834	17,369	88	98	871	27,596	60,120	2,179	1,714
39	49	95 596	20 708,089	363 610,556	17,559	17,094	89	99	514	15,676	32,524	2,075	1,610
40	50	95 284	19 846,643	342 902,467	17,278	16,813	90	100	290	8,504	16,847	1,981	1,516
41	51	94 932	19 012,766	323 055,824	16,992	16,527							
42	52	94 555	18 208,883	304 043,058	16,698	16,233							
43	53	94 141	17 431,871	285 834,175	16,397	15,932							
44	54	93 674	16 678,338	268 402,304	16,093	15,628							
45	55	93 177	15 951,749	251 723,966	15,780	15,316							
46	56	92 618	15 246,200	235 772,217	15,464	15,000							
47	57	92 013	14 563,978	220 526,018	15,142	14,677							
48	58	91 349	13 902,902	205 962,040	14,814	14,349							
49	59	90 612	13 260,227	192 059,138	14,484	14,019							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 365 415,877	23,758	23,293	50	61	89 336	12 570,751	175 033,620	13,924	13,459
1	12	99 151	95 337,756	2 265 852,317	23,767	23,302	51	62	88 449	11 967,197	162 462,869	13,576	13,111
2	13	99 108	91 631,266	2 170 514,561	23,687	23,223	52	63	87 472	11 379,818	150 495,672	13,225	12,760
3	14	99 080	88 081,362	2 078 883,295	23,602	23,137	53	64	86 432	10 811,997	139 115,854	12,867	12,402
4	15	99 052	84 670,346	1 990 801,933	23,512	23,048	54	65	85 317	10 262,125	128 303,857	12,503	12,038
5	16	99 025	81 391,029	1 906 131,586	23,419	22,955	55	66	84 114	9 728,287	118 041,733	12,134	11,669
6	17	98 997	78 238,969	1 824 740,558	23,323	22,858	56	67	82 847	9 213,235	108 313,445	11,756	11,291
7	18	98 969	75 208,643	1 746 501,588	23,222	22,757	57	68	81 489	8 713,580	99 100,210	11,373	10,908
8	19	98 938	72 293,214	1 671 292,945	23,118	22,653	58	69	80 048	8 230,298	90 386,630	10,982	10,517
9	20	98 907	69 491,075	1 598 999,732	23,010	22,545	59	70	78 470	7 757,743	82 156,332	10,590	10,125
10	21	98 878	66 798,509	1 529 508,657	22,897	22,433	60	71	76 788	7 299,508	74 398,589	10,192	9,727
11	22	98 848	64 209,710	1 462 710,148	22,780	22,315	61	72	74 960	6 851,679	67 099,081	9,793	9,328
12	23	98 816	61 719,917	1 398 500,437	22,659	22,194	62	73	72 971	6 413,281	60 247,402	9,394	8,929
13	24	98 783	59 326,371	1 336 780,520	22,533	22,068	63	74	70 824	5 985,218	53 834,120	8,995	8,530
14	25	98 752	57 026,625	1 277 454,149	22,401	21,936	64	75	68 543	5 569,683	47 848,903	8,591	8,126
15	26	98 713	54 812,033	1 220 427,524	22,266	21,801	65	76	66 053	5 160,881	42 279,220	8,192	7,727
16	27	98 667	52 679,274	1 165 615,491	22,127	21,662	66	77	63 375	4 761,216	37 118,339	7,796	7,331
17	28	98 613	50 625,057	1 112 936,217	21,984	21,519	67	78	60 514	4 371,428	32 357,123	7,402	6,937
18	29	98 553	48 648,679	1 062 311,161	21,836	21,372	68	79	57 447	3 990,247	27 985,695	7,014	6,549
19	30	98 471	46 738,613	1 013 662,481	21,688	21,223	69	80	54 203	3 620,132	23 995,448	6,628	6,164
20	31	98 391	44 904,140	966 923,868	21,533	21,068	70	81	50 731	3 257,935	20 375,316	6,254	5,789
21	32	98 300	43 137,196	922 019,728	21,374	20,909	71	82	47 083	2 907,340	17 117,381	5,888	5,423
22	33	98 210	41 440,325	878 882,532	21,208	20,744	72	83	43 258	2 568,433	14 210,040	5,533	5,068
23	34	98 119	39 809,639	837 442,207	21,036	20,571	73	84	39 272	2 242,043	11 641,608	5,192	4,728
24	35	98 026	38 241,891	797 632,568	20,858	20,393	74	85	35 200	1 932,313	9 399,565	4,864	4,400
25	36	97 927	36 734,203	759 390,677	20,673	20,208	75	86	31 036	1 638,171	7 467,252	4,558	4,093
26	37	97 824	35 283,955	722 656,473	20,481	20,016	76	87	26 922	1 366,409	5 829,082	4,266	3,801
27	38	97 712	33 888,301	687 372,519	20,283	19,819	77	88	22 783	1 111,836	4 462,673	4,014	3,549
28	39	97 593	32 545,082	653 484,217	20,079	19,615	78	89	18 934	888,481	3 350,836	3,771	3,307
29	40	97 464	31 251,962	620 939,135	19,869	19,404	79	90	15 382	694,016	2 462,356	3,548	3,083
30	41	97 332	30 009,225	589 687,173	19,650	19,185	80	91	12 308	533,991	1 768,339	3,312	2,847
31	42	97 186	28 811,894	559 677,947	19,425	18,960	81	92	9 486	395,723	1 234,348	3,119	2,654
32	43	97 022	27 657,023	530 866,053	19,195	18,730	82	93	7 117	285,491	838,626	2,937	2,473
33	44	96 848	26 545,388	503 209,030	18,957	18,492	83	94	5 180	199,792	553,135	2,769	2,304
34	45	96 668	25 477,032	476 663,642	18,710	18,245	84	95	3 650	135,371	353,343	2,610	2,145
35	46	96 459	24 444,246	451 186,610	18,458	17,993	85	96	2 481	88,484	217,972	2,463	1,999
36	47	96 226	23 447,318	426 742,364	18,200	17,735	86	97	1 620	55,557	129,488	2,331	1,866
37	48	95 972	22 485,842	403 295,046	17,936	17,471	87	98	1 014	33,446	73,931	2,210	1,746
38	49	95 699	21 559,624	380 809,203	17,663	17,198	88	99	606	19,199	40,485	2,109	1,644
39	50	95 396	20 664,766	359 249,579	17,385	16,920	89	100	347	10,583	21,286	2,011	1,547
40	51	95 062	19 800,272	338 584,813	17,100	16,635							
41	52	94 695	18 965,409	318 784,541	16,809	16,344							
42	53	94 293	18 158,429	299 819,132	16,511	16,046							
43	54	93 855	17 378,893	281 660,703	16,207	15,742							
44	55	93 376	16 625,198	264 281,810	15,896	15,432							
45	56	92 842	15 894,362	247 656,612	15,581	15,117							
46	57	92 267	15 188,373	231 762,250	15,259	14,794							
47	58	91 633	14 503,883	216 573,878	14,932	14,467							
48	59	90 933	13 839,510	202 069,995	14,601	14,136							
49	60	90 179	13 196,865	188 230,485	14,263	13,798							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 360 061,893	23,706	23,241	50	62	88 828	12 499,280	171 073,856	13,687	13,222
1	13	99 144	95 330,448	2 260 506,241	23,712	23,248	51	63	87 894	11 892,105	158 574,576	13,334	12,870
2	14	99 099	91 622,252	2 165 175,793	23,632	23,167	52	64	86 889	11 303,930	146 682,471	12,976	12,511
3	15	99 067	88 070,458	2 073 553,540	23,544	23,079	53	65	85 810	10 734,196	135 378,540	12,612	12,147
4	16	99 039	84 658,868	1 985 483,082	23,453	22,988	54	66	84 657	10 182,671	124 644,345	12,241	11,776
5	17	99 009	81 377,944	1 900 824,214	23,358	22,893	55	67	83 423	9 648,323	114 461,674	11,863	11,399
6	18	98 980	78 225,235	1 819 446,270	23,259	22,794	56	68	82 100	9 130,135	104 813,351	11,480	11,015
7	19	98 948	75 192,214	1 741 221,034	23,157	22,692	57	69	80 690	8 628,229	95 683,216	11,090	10,625
8	20	98 917	72 277,667	1 666 028,820	23,050	22,586	58	70	79 170	8 140,031	87 054,986	10,695	10,230
9	21	98 887	69 476,413	1 593 751,153	22,939	22,475	59	71	77 532	7 665,052	78 914,955	10,295	9,831
10	22	98 857	66 784,070	1 524 274,740	22,824	22,359	60	72	75 764	7 202,111	71 249,903	9,893	9,428
11	23	98 825	64 194,955	1 457 490,669	22,704	22,239	61	73	73 800	6 745,648	64 047,792	9,495	9,030
12	24	98 793	61 705,878	1 393 295,714	22,580	22,115	62	74	71 706	6 302,105	57 302,144	9,093	8,628
13	25	98 760	59 312,883	1 331 589,836	22,450	21,985	63	75	69 455	5 869,559	51 000,040	8,689	8,224
14	26	98 730	57 013,917	1 272 276,953	22,315	21,850	64	76	67 016	5 445,584	45 130,481	8,288	7,823
15	27	98 687	54 797,390	1 215 263,035	22,177	21,713	65	77	64 378	5 030,065	39 684,897	7,890	7,425
16	28	98 642	52 665,676	1 160 465,646	22,035	21,570	66	78	61 540	4 623,358	34 654,832	7,496	7,031
17	29	98 587	50 611,908	1 107 799,970	21,888	21,423	67	79	58 502	4 226,043	30 031,474	7,106	6,641
18	30	98 526	48 635,186	1 057 188,062	21,737	21,272	68	80	55 290	3 840,410	25 805,431	6,719	6,255
19	31	98 444	46 725,786	1 008 552,876	21,585	21,120	69	81	51 852	3 463,115	21 965,021	6,343	5,878
20	32	98 358	44 889,501	961 827,090	21,427	20,962	70	82	48 220	3 096,681	18 501,905	5,975	5,510
21	33	98 266	43 122,256	916 937,590	21,264	20,799	71	83	44 405	2 742,006	15 405,224	5,618	5,153
22	34	98 175	41 425,332	873 815,334	21,094	20,629	72	84	40 448	2 401,590	12 663,218	5,273	4,808
23	35	98 080	39 793,483	832 390,002	20,918	20,453	73	85	36 366	2 076,163	10 261,628	4,943	4,478
24	36	97 984	38 225,594	792 596,518	20,735	20,270	74	86	32 198	1 767,495	8 185,465	4,631	4,166
25	37	97 882	36 717,074	754 370,924	20,546	20,081	75	87	28 036	1 479,844	6 417,970	4,337	3,872
26	38	97 772	35 265,371	717 653,851	20,350	19,885	76	88	23 835	1 209,734	4 938,126	4,082	3,617
27	39	97 655	33 868,322	682 388,480	20,148	19,683	77	89	19 924	972,343	3 728,391	3,834	3,370
28	40	97 524	32 522,195	648 520,158	19,941	19,476	78	90	16 288	764,299	2 756,048	3,606	3,141
29	41	97 395	31 229,686	615 997,964	19,725	19,260	79	91	13 102	591,165	1 991,749	3,369	2,904
30	42	97 251	29 984,288	584 768,278	19,502	19,038	80	92	10 177	441,533	1 400,584	3,172	2,707
31	43	97 094	28 784,640	554 783,989	19,274	18,809	81	93	7 693	320,938	959,051	2,988	2,523
32	44	96 920	27 627,829	525 999,349	19,039	18,574	82	94	5 645	226,428	638,113	2,818	2,353
33	45	96 738	26 515,370	498 371,520	18,796	18,331	83	95	4 013	154,760	411,685	2,660	2,195
34	46	96 537	25 442,573	471 856,150	18,546	18,081	84	96	2 758	102,280	256,925	2,512	2,047
35	47	96 310	24 406,335	446 413,577	18,291	17,826	85	97	1 826	65,125	154,645	2,375	1,910
36	48	96 059	23 406,628	422 007,242	18,029	17,565	86	98	1 160	39,781	89,520	2,250	1,785
37	49	95 794	22 444,177	398 600,615	17,760	17,295	87	99	706	23,269	49,738	2,138	1,673
38	50	95 499	21 514,520	376 156,438	17,484	17,019	88	100	409	12,961	26,470	2,042	1,577
39	51	95 173	20 616,484	354 641,918	17,202	16,737							
40	52	94 825	19 750,954	334 025,434	16,912	16,447							
41	53	94 433	18 912,859	314 274,480	16,617	16,152							
42	54	94 006	18 103,242	295 361,621	16,315	15,851							
43	55	93 556	17 323,521	277 258,379	16,005	15,540							
44	56	93 040	16 565,389	259 934,858	15,691	15,227							
45	57	92 490	15 834,076	243 369,470	15,370	14,905							
46	58	91 886	15 125,701	227 535,394	15,043	14,578							
47	59	91 215	14 437,750	212 409,693	14,712	14,247							
48	60	90 498	13 773,380	197 971,942	14,374	13,909							
49	61	89 686	13 124,706	184 198,563	14,034	13,570							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 354 385,695	23,651	23,186	50	63	88 271	12 420,850	166 915,937	13,438	12,974
1	14	99 134	95 321,070	2 254 837,673	23,655	23,190	51	64	87 308	11 812,801	154 495,087	13,079	12,614
2	15	99 086	91 610,910	2 159 516,603	23,573	23,108	52	65	86 263	11 222,589	142 682,285	12,714	12,249
3	16	99 054	88 058,519	2 067 905,693	23,483	23,018	53	66	85 145	10 651,087	131 459,696	12,342	11,878
4	17	99 023	84 645,258	1 979 847,174	23,390	22,925	54	67	83 961	10 098,972	120 808,609	11,962	11,498
5	18	98 991	81 363,659	1 895 201,915	23,293	22,828	55	68	82 670	9 561,299	110 709,637	11,579	11,114
6	19	98 958	78 208,148	1 813 838,256	23,192	22,728	56	69	81 296	9 040,704	101 148,338	11,188	10,723
7	20	98 927	75 176,044	1 735 630,108	23,088	22,623	57	70	79 805	8 533,598	92 107,635	10,794	10,329
8	21	98 896	72 262,417	1 660 454,064	22,978	22,513	58	71	78 224	8 042,772	83 574,037	10,391	9,926
9	22	98 865	69 461,396	1 588 191,647	22,864	22,400	59	72	76 498	7 562,777	75 531,264	9,987	9,522
10	23	98 834	66 768,724	1 518 730,251	22,746	22,281	60	73	74 591	7 090,657	67 968,487	9,586	9,121
11	24	98 803	64 180,354	1 451 961,527	22,623	22,158	61	74	72 521	6 628,710	60 877,830	9,184	8,719
12	25	98 771	61 691,849	1 387 781,173	22,495	22,031	62	75	70 320	6 180,322	54 249,120	8,778	8,313
13	26	98 738	59 299,666	1 326 089,324	22,363	21,898	63	76	67 908	5 738,778	48 068,798	8,376	7,911
14	27	98 703	56 998,685	1 266 789,658	22,225	21,760	64	77	65 317	5 307,551	42 330,020	7,975	7,511
15	28	98 662	54 783,245	1 209 790,973	22,083	21,618	65	78	62 514	4 884,423	37 022,469	7,580	7,115
16	29	98 616	52 651,996	1 155 007,728	21,937	21,472	66	79	59 493	4 469,594	32 138,046	7,190	6,726
17	30	98 560	50 597,870	1 102 355,732	21,787	21,322	67	80	56 305	4 067,352	27 668,452	6,803	6,338
18	31	98 499	48 621,838	1 051 757,862	21,631	21,167	68	81	52 892	3 673,840	23 601,100	6,424	5,959
19	32	98 412	46 710,552	1 003 136,023	21,476	21,011	69	82	49 286	3 291,706	19 927,260	6,054	5,589
20	33	98 324	44 873,953	956 425,471	21,314	20,849	70	83	45 478	2 920,580	16 635,554	5,696	5,231
21	34	98 230	43 106,654	911 551,517	21,146	20,682	71	84	41 521	2 563,888	13 714,975	5,349	4,884
22	35	98 135	41 408,521	868 444,863	20,973	20,508	72	85	37 456	2 223,906	11 151,087	5,014	4,549
23	36	98 038	39 776,525	827 036,342	20,792	20,327	73	86	33 264	1 899,076	8 927,181	4,701	4,236
24	37	97 938	38 207,769	787 259,817	20,605	20,140	74	87	29 086	1 596,670	7 028,105	4,402	3,937
25	38	97 830	36 697,735	749 052,048	20,411	19,947	75	88	24 821	1 310,163	5 431,435	4,146	3,681
26	39	97 715	35 244,579	712 354,313	20,212	19,747	76	89	20 845	1 057,959	4 121,272	3,895	3,431
27	40	97 586	33 844,504	677 109,734	20,006	19,542	77	90	17 140	836,440	3 063,314	3,662	3,198
28	41	97 455	32 499,013	643 265,231	19,793	19,329	78	91	13 874	651,032	2 226,874	3,421	2,956
29	42	97 314	31 203,735	610 766,218	19,573	19,109	79	92	10 834	488,809	1 575,842	3,224	2,759
30	43	97 159	29 955,925	579 562,483	19,347	18,882	80	93	8 254	358,091	1 087,033	3,036	2,571
31	44	96 992	28 754,256	549 606,558	19,114	18,649	81	94	6 102	254,541	728,942	2,864	2,399
32	45	96 810	27 596,587	520 852,302	18,874	18,409	82	95	4 373	175,393	474,401	2,705	2,240
33	46	96 607	26 479,506	493 255,714	18,628	18,163	83	96	3 032	116,929	299,008	2,557	2,092
34	47	96 387	25 403,113	466 776,208	18,375	17,910	84	97	2 030	75,279	182,079	2,419	1,954
35	48	96 142	24 363,980	441 373,095	18,116	17,651	85	98	1 308	46,632	106,799	2,290	1,825
36	49	95 881	23 363,256	417 009,115	17,849	17,384	86	99	807	27,677	60,167	2,174	1,709
37	50	95 593	22 397,222	393 645,859	17,576	17,111	87	100	476	15,709	32,490	2,068	1,603
38	51	95 276	21 464,252	371 248,637	17,296	16,831							
39	52	94 936	20 565,132	349 784,384	17,009	16,544							
40	53	94 562	19 696,227	329 219,252	16,715	16,250							
41	54	94 146	18 855,379	309 523,025	16,416	15,951							
42	55	93 707	18 045,562	290 667,646	16,107	15,643							
43	56	93 219	17 261,199	272 622,083	15,794	15,329							
44	57	92 687	16 502,558	255 360,884	15,474	15,009							
45	58	92 108	15 768,740	238 858,326	15,148	14,683							
46	59	91 467	15 056,733	223 089,586	14,817	14,352							
47	60	90 779	14 368,762	208 032,853	14,478	14,013							
48	61	90 004	13 698,068	193 664,092	14,138	13,673							
49	62	89 176	13 050,086	179 966,023	13,790	13,326							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 348 375,921	23,593	23,128	50	64	87 682	12 338,020	162 561,184	13,176	12,711
1	15	99 122	95 309,270	2 248 837,692	23,595	23,130	51	65	86 680	11 727,798	150 223,164	12,809	12,344
2	16	99 073	91 598,491	2 153 528,422	23,511	23,046	52	66	85 596	11 135,699	138 495,365	12,437	11,972
3	17	99 038	88 044,363	2 061 929,931	23,419	22,954	53	67	84 445	10 563,537	127 359,666	12,057	11,592
4	18	99 006	84 630,400	1 973 885,569	23,324	22,859	54	68	83 204	10 007,883	116 796,129	11,670	11,206
5	19	98 970	81 345,886	1 889 255,168	23,225	22,760	55	69	81 861	9 467,645	106 788,246	11,279	10,814
6	20	98 937	78 191,329	1 807 909,282	23,122	22,657	56	70	80 404	8 941,549	97 320,601	10,884	10,419
7	21	98 906	75 160,183	1 729 717,953	23,014	22,549	57	71	78 852	8 431,637	88 379,053	10,482	10,017
8	22	98 875	72 246,798	1 654 557,771	22,901	22,437	58	72	77 180	7 935,458	79 947,416	10,075	9,610
9	23	98 843	69 445,434	1 582 310,973	22,785	22,320	59	73	75 314	7 445,742	72 011,959	9,672	9,207
10	24	98 812	66 753,537	1 512 865,539	22,663	22,199	60	74	73 298	6 967,738	64 566,216	9,266	8,802
11	25	98 780	64 165,762	1 446 112,002	22,537	22,072	61	75	71 119	6 500,616	57 598,479	8,860	8,396
12	26	98 749	61 678,102	1 381 946,239	22,406	21,941	62	76	68 753	6 042,617	51 097,863	8,456	7,991
13	27	98 712	59 283,823	1 320 268,138	22,270	21,805	63	77	66 187	5 593,314	45 055,245	8,055	7,590
14	28	98 678	56 983,972	1 260 984,314	22,129	21,664	64	78	63 426	5 153,875	39 461,932	7,657	7,192
15	29	98 636	54 769,016	1 204 000,342	21,983	21,518	65	79	60 435	4 721,976	34 308,057	7,266	6,801
16	30	98 589	52 637,393	1 149 231,326	21,833	21,368	66	80	57 259	4 301,758	29 586,081	6,878	6,413
17	31	98 533	50 583,984	1 096 593,933	21,679	21,214	67	81	53 863	3 890,938	25 284,323	6,498	6,033
18	32	98 467	48 605,987	1 046 009,950	21,520	21,055	68	82	50 274	3 492,000	21 393,385	6,126	5,662
19	33	98 378	46 694,375	997 403,963	21,360	20,895	69	83	46 483	3 104,514	17 901,385	5,766	5,301
20	34	98 289	44 857,718	950 709,589	21,194	20,729	70	84	42 524	2 730,861	14 796,871	5,418	4,954
21	35	98 190	43 089,161	905 851,870	21,023	20,558	71	85	38 449	2 374,197	12 066,010	5,082	4,617
22	36	98 093	41 390,875	862 762,709	20,844	20,379	72	86	34 261	2 034,217	9 691,813	4,764	4,300
23	37	97 992	39 757,976	821 371,835	20,659	20,194	73	87	30 049	1 715,533	7 657,596	4,464	3,999
24	38	97 887	38 187,645	781 613,858	20,468	20,003	74	88	25 751	1 413,593	5 942,063	4,204	3,739
25	39	97 772	36 676,099	743 426,214	20,270	19,805	75	89	21 707	1 145,787	4 528,470	3,952	3,487
26	40	97 646	35 219,793	706 750,115	20,067	19,602	76	90	17 932	910,089	3 382,683	3,717	3,252
27	41	97 517	33 820,379	671 530,321	19,856	19,391	77	91	14 600	712,482	2 472,594	3,470	3,006
28	42	97 374	32 472,007	637 709,942	19,639	19,174	78	92	11 472	538,310	1 760,111	3,270	2,805
29	43	97 222	31 174,218	605 237,935	19,415	18,950	79	93	8 786	396,432	1 221,801	3,082	2,617
30	44	97 056	29 924,305	574 063,717	19,184	18,719	80	94	6 546	284,008	825,370	2,906	2,441
31	45	96 882	28 721,740	544 139,412	18,945	18,480	81	95	4 727	197,170	541,362	2,746	2,281
32	46	96 680	27 559,261	515 417,672	18,702	18,237	82	96	3 304	132,518	344,192	2,597	2,132
33	47	96 458	26 438,439	487 858,411	18,453	17,988	83	97	2 231	86,061	211,673	2,460	1,995
34	48	96 220	25 359,028	461 419,972	18,195	17,731	84	98	1 453	53,903	125,612	2,330	1,866
35	49	95 964	24 318,834	436 060,944	17,931	17,466	85	99	910	32,443	71,709	2,210	1,745
36	50	95 681	23 314,378	411 742,109	17,660	17,196	86	100	545	18,684	39,266	2,102	1,637
37	51	95 370	22 344,892	388 427,731	17,383	16,918							
38	52	95 039	21 410,789	366 082,839	17,098	16,633							
39	53	94 673	20 508,150	344 672,050	16,807	16,342							
40	54	94 275	19 636,366	324 163,900	16,508	16,044							
41	55	93 846	18 795,303	304 527,533	16,202	15,737							
42	56	93 370	17 980,643	285 732,230	15,891	15,426							
43	57	92 865	17 195,729	267 751,587	15,571	15,106							
44	58	92 304	16 434,464	250 555,858	15,246	14,781							
45	59	91 688	15 696,840	234 121,394	14,915	14,450							
46	60	91 030	14 984,787	218 424,554	14,576	14,112							
47	61	90 283	14 290,195	203 439,767	14,236	13,771							
48	62	89 492	13 620,189	189 149,572	13,887	13,423							
49	63	88 616	12 968,200	175 529,384	13,535	13,071							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 342 023,608	23,532	23,067	50	65	87 051	12 249,238	158 008,636	12,899	12,435
1	16	99 108	95 296,350	2 242 497,702	23,532	23,067	51	66	86 008	11 636,997	145 759,398	12,526	12,061
2	17	99 057	91 583,765	2 147 201,352	23,445	22,980	52	67	84 892	11 044,166	134 122,402	12,144	11,679
3	18	99 021	88 028,908	2 055 617,587	23,352	22,887	53	68	83 684	10 468,258	123 078,235	11,757	11,292
4	19	98 984	84 611,914	1 967 588,679	23,254	22,789	54	69	82 389	9 909,854	112 609,977	11,363	10,899
5	20	98 948	81 328,392	1 882 976,766	23,153	22,688	55	70	80 963	9 363,807	102 700,123	10,968	10,503
6	21	98 916	78 174,832	1 801 648,373	23,046	22,582	56	71	79 444	8 834,713	93 336,316	10,565	10,100
7	22	98 884	75 143,937	1 723 473,542	22,936	22,471	57	72	77 800	8 319,133	84 501,603	10,158	9,693
8	23	98 852	72 230,196	1 648 329,605	22,821	22,356	58	73	75 986	7 812,655	76 182,470	9,751	9,286
9	24	98 820	69 429,638	1 576 099,409	22,701	22,236	59	74	74 008	7 316,667	68 369,814	9,344	8,880
10	25	98 789	66 738,360	1 506 669,770	22,576	22,111	60	75	71 882	6 833,093	61 053,147	8,935	8,470
11	26	98 758	64 151,463	1 439 931,410	22,446	21,981	61	76	69 535	6 355,775	54 220,054	8,531	8,066
12	27	98 722	61 661,624	1 375 779,947	22,312	21,847	62	77	67 010	5 889,451	47 864,280	8,127	7,662
13	28	98 686	59 268,520	1 314 118,323	22,172	21,707	63	78	64 270	5 431,363	41 974,829	7,728	7,263
14	29	98 652	56 969,172	1 254 849,803	22,027	21,562	64	79	61 317	4 982,467	36 543,465	7,334	6,870
15	30	98 609	54 753,825	1 197 880,631	21,878	21,413	65	80	58 166	4 544,663	31 560,999	6,945	6,480
16	31	98 562	52 622,947	1 143 126,806	21,723	21,258	66	81	54 776	4 115,177	27 016,336	6,565	6,100
17	32	98 500	50 567,492	1 090 503,859	21,565	21,100	67	82	51 197	3 698,353	22 901,159	6,192	5,727
18	33	98 433	48 589,152	1 039 936,367	21,403	20,938	68	83	47 415	3 293,418	19 202,806	5,831	5,366
19	34	98 342	46 677,481	991 347,215	21,238	20,773	69	84	43 463	2 902,847	15 909,388	5,481	5,016
20	35	98 249	44 839,514	944 669,734	21,068	20,603	70	85	39 378	2 528,816	13 006,541	5,143	4,679
21	36	98 148	43 070,798	899 830,220	20,892	20,427	71	86	35 169	2 171,688	10 477,724	4,825	4,360
22	37	98 047	41 371,573	856 759,422	20,709	20,244	72	87	30 950	1 837,613	8 306,036	4,520	4,055
23	38	97 940	39 737,036	815 387,848	20,520	20,055	73	88	26 604	1 518,827	6 468,423	4,259	3,794
24	39	97 829	38 165,131	775 650,812	20,324	19,859	74	89	22 520	1 236,241	4 949,596	4,004	3,539
25	40	97 704	36 650,306	737 485,682	20,122	19,657	75	90	18 673	985,642	3 713,355	3,767	3,303
26	41	97 576	35 194,689	700 835,375	19,913	19,448	76	91	15 274	775,217	2 727,713	3,519	3,054
27	42	97 436	33 792,275	665 640,687	19,698	19,233	77	92	12 072	589,120	1 952,496	3,314	2,849
28	43	97 282	32 441,290	631 848,411	19,477	19,012	78	93	9 304	436,578	1 363,376	3,123	2,658
29	44	97 119	31 141,312	599 407,121	19,248	18,783	79	94	6 969	314,417	926,798	2,948	2,483
30	45	96 947	29 890,466	568 265,809	19,012	18,547	80	95	5 071	219,995	612,381	2,784	2,319
31	46	96 751	28 682,892	538 375,343	18,770	18,305	81	96	3 571	148,972	392,386	2,634	2,169
32	47	96 530	27 516,519	509 692,451	18,523	18,058	82	97	2 432	97,535	243,414	2,496	2,031
33	48	96 290	26 392,557	482 175,932	18,269	17,805	83	98	1 598	61,624	145,879	2,367	1,902
34	49	96 042	25 312,039	455 783,375	18,007	17,542	84	99	1 011	37,502	84,255	2,247	1,782
35	50	95 764	24 267,958	430 471,336	17,738	17,273	85	100	614	21,902	46,754	2,135	1,670
36	51	95 457	23 259,905	406 203,378	17,464	16,999							
37	52	95 132	22 289,235	382 943,473	17,181	16,716							
38	53	94 775	21 351,464	360 654,238	16,891	16,426							
39	54	94 385	20 445,822	339 302,774	16,595	16,130							
40	55	93 974	19 573,802	318 856,952	16,290	15,825							
41	56	93 508	18 727,687	299 283,150	15,981	15,516							
42	57	93 015	17 912,444	280 555,464	15,663	15,198							
43	58	92 482	17 124,775	262 643,020	15,337	14,872							
44	59	91 884	16 359,528	245 518,245	15,008	14,543							
45	60	91 250	15 621,835	229 158,716	14,669	14,204							
46	61	90 532	14 902,852	213 536,881	14,329	13,864							
47	62	89 770	14 208,948	198 634,029	13,980	13,515							
48	63	88 930	13 534,725	184 425,081	13,626	13,161							
49	64	88 025	12 881,720	170 890,356	13,266	12,801							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 335 320,073	23,468	23,003	50	66	86 377	12 154,399	153 259,170	12,609	12,145
1	17	99 092	95 281,030	2 235 807,659	23,465	23,001	51	67	85 301	11 541,343	141 104,771	12,226	11,761
2	18	99 040	91 567,689	2 140 526,629	23,376	22,912	52	68	84 126	10 944,552	129 563,428	11,838	11,373
3	19	98 999	88 009,679	2 048 958,940	23,281	22,816	53	69	82 864	10 365,720	118 618,876	11,443	10,979
4	20	98 963	84 593,717	1 960 949,261	23,181	22,716	54	70	81 485	9 801,166	108 253,156	11,045	10,580
5	21	98 928	81 311,233	1 876 355,544	23,076	22,611	55	71	79 996	9 251,926	98 451,989	10,641	10,176
6	22	98 895	78 157,934	1 795 044,311	22,967	22,502	56	72	78 384	8 716,831	89 200,063	10,233	9,768
7	23	98 862	75 126,669	1 716 886,376	22,853	22,388	57	73	76 596	8 190,393	80 483,232	9,827	9,362
8	24	98 830	72 213,767	1 641 759,707	22,735	22,270	58	74	74 669	7 677,220	72 292,838	9,417	8,952
9	25	98 798	69 413,853	1 569 545,940	22,611	22,147	59	75	72 578	7 175,279	64 615,618	9,005	8,540
10	26	98 767	66 723,488	1 500 132,087	22,483	22,018	60	76	70 280	6 680,843	57 440,339	8,598	8,133
11	27	98 732	64 134,325	1 433 408,599	22,350	21,885	61	77	67 772	6 194,671	50 759,496	8,194	7,729
12	28	98 697	61 645,707	1 369 274,274	22,212	21,747	62	78	65 070	5 718,926	44 564,825	7,793	7,328
13	29	98 661	59 253,126	1 307 628,567	22,069	21,604	63	79	62 133	5 250,726	38 845,899	7,398	6,933
14	30	98 625	56 953,371	1 248 375,441	21,919	21,454	64	80	59 014	4 795,372	33 595,172	7,006	6,541
15	31	98 581	54 738,798	1 191 422,070	21,766	21,301	65	81	55 643	4 347,546	28 799,801	6,624	6,160
16	32	98 530	52 605,791	1 136 683,272	21,608	21,143	66	82	52 065	3 911,493	24 452,254	6,251	5,787
17	33	98 466	50 549,978	1 084 077,481	21,446	20,981	67	83	48 285	3 488,036	20 540,761	5,889	5,424
18	34	98 397	48 571,573	1 033 527,503	21,278	20,814	68	84	44 335	3 079,480	17 052,725	5,538	5,073
19	35	98 303	46 658,538	984 955,930	21,110	20,645	69	85	40 248	2 688,078	13 973,245	5,198	4,733
20	36	98 207	44 820,406	938 297,392	20,935	20,470	70	86	36 019	2 313,120	11 285,167	4,879	4,414
21	37	98 103	43 050,714	893 476,986	20,754	20,289	71	87	31 770	1 961,798	8 972,047	4,573	4,109
22	38	97 996	41 349,783	850 426,272	20,567	20,102	72	88	27 401	1 626,909	7 010,249	4,309	3,844
23	39	97 883	39 713,608	809 076,489	20,373	19,908	73	89	23 266	1 328,272	5 383,340	4,053	3,588
24	40	97 760	38 138,290	769 362,881	20,173	19,708	74	90	19 372	1 063,453	4 055,068	3,813	3,348
25	41	97 634	36 624,182	731 224,591	19,966	19,501	75	91	15 906	839,573	2 991,615	3,563	3,098
26	42	97 495	35 165,443	694 600,409	19,752	19,288	76	92	12 630	640,993	2 152,042	3,357	2,893
27	43	97 343	33 760,310	659 434,966	19,533	19,068	77	93	9 790	477,786	1 511,049	3,163	2,698
28	44	97 179	32 407,047	625 674,656	19,307	18,842	78	94	7 379	346,258	1 033,263	2,984	2,519
29	45	97 009	31 106,097	593 267,610	19,072	18,608	79	95	5 398	243,550	687,005	2,821	2,356
30	46	96 816	29 850,037	562 161,513	18,833	18,368	80	96	3 831	166,218	443,455	2,668	2,203
31	47	96 601	28 638,407	532 311,476	18,587	18,123	81	97	2 628	109,645	277,238	2,529	2,064
32	48	96 362	27 468,766	503 673,068	18,336	17,871	82	98	1 741	69,839	167,593	2,400	1,935
33	49	96 112	26 343,653	476 204,302	18,077	17,612	83	99	1 112	42,873	97,754	2,280	1,815
34	50	95 841	25 259,085	449 860,649	17,810	17,345	84	100	683	25,317	54,881	2,168	1,703
35	51	95 540	24 211,257	424 601,565	17,537	17,073							
36	52	95 219	23 201,970	400 390,308	17,257	16,792							
37	53	94 869	22 227,475	377 188,338	16,969	16,505							
38	54	94 487	21 286,573	354 960,863	16,675	16,211							
39	55	94 085	20 380,678	333 674,290	16,372	15,907							
40	56	93 636	19 503,385	313 293,612	16,064	15,599							
41	57	93 154	18 656,655	293 790,227	15,747	15,282							
42	58	92 632	17 838,532	275 133,573	15,424	14,959							
43	59	92 061	17 046,692	257 295,041	15,094	14,629							
44	60	91 444	16 281,357	240 248,349	14,756	14,291							
45	61	90 751	15 536,417	223 966,992	14,416	13,951							
46	62	90 017	14 818,122	208 430,575	14,066	13,601							
47	63	89 206	14 119,790	193 612,453	13,712	13,247							
48	64	88 337	13 444,467	179 492,662	13,351	12,886							
49	65	87 392	12 789,025	166 048,196	12,984	12,519							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 328 255,068	23,400	22,936	50	67	85 667	12 054,493	148 314,024	12,304	11,839
1	18	99 075	95 264,304	2 228 758,651	23,396	22,931	51	68	84 532	11 437,245	136 259,531	11,914	11,449
2	19	99 018	91 547,687	2 133 494,347	23,305	22,840	52	69	83 302	10 837,349	124 822,286	11,518	11,053
3	20	98 978	87 990,752	2 041 946,660	23,206	22,742	53	70	81 955	10 252,033	113 984,937	11,118	10,653
4	21	98 942	84 575,869	1 953 955,908	23,103	22,638	54	71	80 511	9 684,060	103 732,905	10,712	10,247
5	22	98 906	81 293,658	1 869 380,039	22,995	22,531	55	72	78 928	9 128,478	94 048,845	10,303	9,838
6	23	98 872	78 139,974	1 788 086,381	22,883	22,418	56	73	77 171	8 581,937	84 920,367	9,895	9,430
7	24	98 839	75 109,581	1 709 946,407	22,766	22,301	57	74	75 268	8 048,410	76 338,430	9,485	9,020
8	25	98 807	72 197,349	1 634 836,825	22,644	22,179	58	75	73 226	7 528,865	68 290,021	9,070	8,606
9	26	98 776	69 398,385	1 562 639,477	22,517	22,052	59	76	70 961	7 015,406	60 761,156	8,661	8,196
10	27	98 741	66 705,662	1 493 241,092	22,386	21,921	60	77	68 499	6 511,500	53 745,750	8,254	7,789
11	28	98 706	64 117,770	1 426 535,429	22,249	21,784	61	78	65 810	6 015,308	47 234,250	7,852	7,388
12	29	98 671	61 629,696	1 362 417,660	22,107	21,642	62	79	62 906	5 528,726	41 218,942	7,455	6,991
13	30	98 633	59 236,692	1 300 787,964	21,959	21,494	63	80	59 800	5 053,558	35 690,216	7,062	6,598
14	31	98 598	56 937,740	1 241 551,272	21,805	21,341	64	81	56 454	4 587,381	30 636,658	6,678	6,214
15	32	98 549	54 720,952	1 184 613,532	21,648	21,183	65	82	52 889	4 132,361	26 049,277	6,304	5,839
16	33	98 496	52 587,571	1 129 892,580	21,486	21,021	66	83	49 104	3 689,055	21 916,916	5,941	5,476
17	34	98 431	50 531,690	1 077 305,009	21,319	20,855	67	84	45 149	3 261,456	18 227,861	5,589	5,124
18	35	98 357	48 551,862	1 026 773,319	21,148	20,683	68	85	41 055	2 851,642	14 966,405	5,248	4,784
19	36	98 261	46 638,654	978 221,458	20,974	20,510	69	86	36 815	2 458,797	12 114,762	4,927	4,462
20	37	98 161	44 799,505	931 582,803	20,794	20,330	70	87	32 538	2 089,560	9 655,965	4,621	4,156
21	38	98 051	43 028,039	886 783,298	20,609	20,145	71	88	28 127	1 736,855	7 566,405	4,356	3,892
22	39	97 938	41 325,404	843 755,259	20,417	19,953	72	89	23 963	1 422,794	5 829,550	4,097	3,632
23	40	97 814	39 685,679	802 429,855	20,220	19,755	73	90	20 014	1 142,621	4 406,756	3,857	3,392
24	41	97 690	38 111,106	762 744,176	20,014	19,549	74	91	16 502	905,853	3 264,135	3,603	3,139
25	42	97 553	36 593,748	724 633,070	19,802	19,337	75	92	13 152	694,206	2 358,282	3,397	2,932
26	43	97 403	35 132,178	688 039,322	19,584	19,119	76	93	10 243	519,856	1 664,076	3,201	2,736
27	44	97 241	33 724,674	652 907,144	19,360	18,895	77	94	7 765	378,941	1 144,220	3,020	2,555
28	45	97 069	32 370,400	619 182,470	19,128	18,663	78	95	5 716	268,214	765,280	2,853	2,388
29	46	96 878	31 064,024	586 812,070	18,890	18,426	79	96	4 078	184,015	497,066	2,701	2,236
30	47	96 665	29 803,742	555 748,046	18,647	18,182	80	97	2 820	122,338	313,051	2,559	2,094
31	48	96 434	28 588,708	525 944,304	18,397	17,932	81	98	1 882	78,511	190,713	2,429	1,964
32	49	96 183	27 417,868	497 355,596	18,140	17,675	82	99	1 211	48,589	112,203	2,309	1,844
33	50	95 911	26 288,540	469 937,728	17,876	17,411	83	100	750	28,943	63,614	2,198	1,733
34	51	95 617	25 200,068	443 649,188	17,605	17,140							
35	52	95 302	24 150,951	418 449,120	17,326	16,862							
36	53	94 955	23 137,681	394 298,169	17,041	16,577							
37	54	94 581	22 159,922	371 160,488	16,749	16,284							
38	55	94 186	21 218,750	349 000,566	16,448	15,983							
39	56	93 746	20 307,358	327 781,816	16,141	15,676							
40	57	93 281	19 429,410	307 474,458	15,825	15,360							
41	58	92 769	18 579,672	288 045,047	15,503	15,038							
42	59	92 209	17 757,195	269 465,375	15,175	14,710							
43	60	91 621	16 965,237	251 708,180	14,837	14,372							
44	61	90 944	16 192,332	234 742,943	14,497	14,032							
45	62	90 235	15 448,085	218 550,611	14,147	13,683							
46	63	89 453	14 725,142	203 102,526	13,793	13,328							
47	64	88 611	14 025,631	188 377,384	13,431	12,966							
48	65	87 702	13 347,723	174 351,754	13,062	12,597							
49	66	86 715	12 690,007	161 004,031	12,687	12,223							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 320 819,461	23,330	22,865	50	68	84 895	11 945,766	143 173,594	11,985	11,520
1	19	99 053	95 243,495	2 221 340,510	23,323	22,858	51	69	83 704	11 325,215	131 227,828	11,587	11,122
2	20	98 997	91 527,999	2 126 097,015	23,229	22,764	52	70	82 389	10 718,488	119 902,613	11,187	10,722
3	21	98 957	87 972,187	2 034 569,015	23,127	22,663	53	71	80 976	10 129,539	109 184,125	10,779	10,314
4	22	98 920	84 557,588	1 946 596,828	23,021	22,556	54	72	79 437	9 554,845	99 054,586	10,367	9,902
5	23	98 883	81 274,977	1 862 039,240	22,910	22,446	55	73	77 707	8 987,213	89 499,740	9,959	9,494
6	24	98 850	78 122,201	1 780 764,263	22,795	22,330	56	74	75 833	8 433,166	80 512,527	9,547	9,082
7	25	98 817	75 092,505	1 702 642,062	22,674	22,209	57	75	73 814	7 892,882	72 079,361	9,132	8,667
8	26	98 785	72 181,260	1 627 549,557	22,548	22,083	58	76	71 594	7 361,113	64 186,480	8,720	8,255
9	27	98 749	69 379,845	1 555 368,297	22,418	21,953	59	77	69 162	6 837,582	56 825,367	8,311	7,846
10	28	98 715	66 688,443	1 485 988,453	22,283	21,818	60	78	66 515	6 322,964	49 987,785	7,906	7,441
11	29	98 681	64 101,116	1 419 300,009	22,142	21,677	61	79	63 621	5 815,251	43 664,821	7,509	7,044
12	30	98 644	61 612,602	1 355 198,893	21,995	21,531	62	80	60 544	5 321,118	37 849,571	7,113	6,648
13	31	98 606	59 220,435	1 293 586,291	21,844	21,379	63	81	57 206	4 834,369	32 528,452	6,729	6,264
14	32	98 566	56 919,177	1 234 365,856	21,686	21,221	64	82	53 660	4 360,325	27 694,083	6,351	5,887
15	33	98 515	54 702,000	1 177 446,679	21,525	21,060	65	83	49 881	3 897,363	23 333,758	5,987	5,522
16	34	98 460	52 568,545	1 122 744,679	21,358	20,893	66	84	45 914	3 449,417	19 436,395	5,635	5,170
17	35	98 391	50 511,183	1 070 176,134	21,187	20,722	67	85	41 808	3 020,155	15 986,978	5,293	4,829
18	36	98 315	48 531,171	1 019 664,951	21,011	20,546	68	86	37 553	2 608,410	12 966,823	4,971	4,506
19	37	98 215	46 616,906	971 133,780	20,832	20,367	69	87	33 257	2 221,158	10 358,413	4,664	4,199
20	38	98 110	44 775,909	924 516,874	20,648	20,183	70	88	28 807	1 849,968	8 137,255	4,399	3,934
21	39	97 993	43 002,671	879 740,965	20,458	19,993	71	89	24 599	1 518,946	6 287,287	4,139	3,674
22	40	97 869	41 296,342	836 738,294	20,262	19,797	72	90	20 614	1 223,932	4 768,341	3,896	3,431
23	41	97 744	39 657,391	795 441,952	20,058	19,593	73	91	17 048	973,289	3 544,409	3,642	3,177
24	42	97 609	38 079,436	755 784,561	19,848	19,383	74	92	13 644	749,010	2 571,121	3,433	2,968
25	43	97 461	36 559,132	717 705,125	19,631	19,167	75	93	10 666	563,013	1 822,111	3,236	2,772
26	44	97 300	35 095,094	681 145,992	19,409	18,944	76	94	8 124	412,306	1 259,098	3,054	2,589
27	45	97 131	33 686,537	646 050,898	19,178	18,713	77	95	6 015	293,530	846,792	2,885	2,420
28	46	96 938	32 326,617	612 364,361	18,943	18,478	78	96	4 319	202,650	553,261	2,730	2,265
29	47	96 728	31 015,846	580 037,743	18,701	18,237	79	97	3 002	135,436	350,612	2,589	2,124
30	48	96 498	29 752,020	549 021,897	18,453	17,988	80	98	2 019	87,599	215,175	2,456	1,992
31	49	96 255	28 535,734	519 269,877	18,197	17,732	81	99	1 309	54,621	127,576	2,336	1,871
32	50	95 982	27 360,508	490 734,143	17,936	17,471	82	100	818	32,802	72,955	2,224	1,759
33	51	95 687	26 227,118	463 373,635	17,668	17,203							
34	52	95 379	25 137,300	437 146,518	17,390	16,926							
35	53	95 038	24 084,033	412 009,218	17,107	16,642							
36	54	94 667	23 067,361	387 925,185	16,817	16,352							
37	55	94 279	22 089,317	364 857,824	16,517	16,053							
38	56	93 847	21 142,415	342 768,506	16,212	15,748							
39	57	93 391	20 230,334	321 626,091	15,898	15,433							
40	58	92 896	19 349,239	301 395,757	15,577	15,112							
41	59	92 346	18 494,955	282 046,518	15,250	14,785							
42	60	91 769	17 672,345	263 551,562	14,913	14,448							
43	61	91 120	16 872,473	245 879,218	14,573	14,108							
44	62	90 427	16 100,271	229 006,745	14,224	13,759							
45	63	89 669	15 351,152	212 906,473	13,869	13,404							
46	64	88 856	14 626,945	197 555,321	13,506	13,041							
47	65	87 974	13 924,705	182 928,376	13,137	12,672							
48	66	87 023	13 244,379	169 003,671	12,760	12,296							
49	67	86 002	12 585,698	155 759,292	12,376	11,911							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 313 002,770	23,256	22,791	50	69	84 063	11 828,755	137 842,326	11,653	11,188
1	20	99 032	95 223,012	2 213 545,548	23,246	22,781	51	70	82 786	11 201,004	126 013,571	11,250	10,785
2	21	98 976	91 508,688	2 118 322,536	23,149	22,684	52	71	81 404	10 590,422	114 812,567	10,841	10,376
3	22	98 935	87 953,172	2 026 813,848	23,044	22,579	53	72	79 896	9 994,381	104 222,145	10,428	9,963
4	23	98 898	84 538,157	1 938 860,676	22,935	22,470	54	73	78 208	9 406,983	94 227,765	10,017	9,552
5	24	98 861	81 256,491	1 854 322,519	22,821	22,356	55	74	76 360	8 831,416	84 820,782	9,604	9,140
6	25	98 827	78 104,439	1 773 066,028	22,701	22,236	56	75	74 367	8 270,203	75 989,366	9,188	8,724
7	26	98 795	75 075,771	1 694 961,589	22,577	22,112	57	76	72 169	7 717,019	67 719,163	8,775	8,310
8	27	98 759	72 161,976	1 619 885,818	22,448	21,983	58	77	69 779	7 174,526	60 002,144	8,363	7,898
9	28	98 724	69 361,936	1 547 723,841	22,314	21,849	59	78	67 160	6 639,604	52 827,618	7,956	7,492
10	29	98 690	66 671,122	1 478 361,906	22,174	21,709	60	79	64 303	6 112,674	46 188,014	7,556	7,091
11	30	98 653	64 083,337	1 411 690,784	22,029	21,564	61	80	61 232	5 596,884	40 075,340	7,160	6,695
12	31	98 617	61 595,693	1 347 607,447	21,878	21,413	62	81	57 918	5 090,325	34 478,456	6,773	6,309
13	32	98 574	59 201,127	1 286 011,754	21,723	21,258	63	82	54 374	4 595,088	29 388,131	6,396	5,931
14	33	98 531	56 899,464	1 226 810,626	21,561	21,096	64	83	50 609	4 112,363	24 793,043	6,029	5,564
15	34	98 480	54 682,209	1 169 911,163	21,395	20,930	65	84	46 641	3 644,194	20 680,680	5,675	5,210
16	35	98 420	52 547,212	1 115 228,954	21,223	20,759	66	85	42 517	3 194,209	17 036,486	5,334	4,869
17	36	98 349	50 489,657	1 062 681,742	21,048	20,583	67	86	38 242	2 762,549	13 842,277	5,011	4,546
18	37	98 269	48 508,540	1 012 192,085	20,866	20,401	68	87	33 923	2 356,311	11 079,727	4,702	4,237
19	38	98 163	46 592,353	963 683,544	20,683	20,218	69	88	29 443	1 966,476	8 723,416	4,436	3,971
20	39	98 052	44 749,511	917 091,191	20,494	20,029	70	89	25 193	1 617,867	6 756,939	4,176	3,712
21	40	97 924	42 972,429	872 341,681	20,300	19,835	71	90	21 160	1 306,645	5 139,072	3,933	3,468
22	41	97 799	41 266,906	829 369,252	20,098	19,633	72	91	17 559	1 042,549	3 832,428	3,676	3,211
23	42	97 663	39 624,437	788 102,346	19,889	19,424	73	92	14 096	804,769	2 789,878	3,467	3,002
24	43	97 517	38 043,415	748 477,909	19,674	19,209	74	93	11 066	607,459	1 985,109	3,268	2,803
25	44	97 358	36 520,542	710 434,494	19,453	18,988	75	94	8 460	446,535	1 377,650	3,085	2,620
26	45	97 190	35 055,408	673 913,951	19,224	18,759	76	95	6 293	319,376	931,115	2,915	2,451
27	46	96 999	33 640,974	638 858,543	18,990	18,526	77	96	4 544	221,777	611,739	2,758	2,294
28	47	96 788	32 276,481	605 217,569	18,751	18,286	78	97	3 179	149,152	389,961	2,615	2,150
29	48	96 560	30 962,021	572 941,088	18,505	18,040	79	98	2 149	96,979	240,809	2,483	2,018
30	49	96 319	29 696,891	541 979,067	18,250	17,786	80	99	1 405	60,945	143,831	2,360	1,895
31	50	96 053	28 476,035	512 282,176	17,990	17,525	81	100	884	36,875	82,886	2,248	1,783
32	51	95 758	27 296,581	483 806,141	17,724	17,259							
33	52	95 448	26 161,792	456 509,560	17,449	16,985							
34	53	95 115	25 067,648	430 347,768	17,167	16,703							
35	54	94 749	24 010,837	405 280,120	16,879	16,414							
36	55	94 365	22 993,865	381 269,283	16,581	16,117							
37	56	93 940	22 009,850	358 275,418	16,278	15,813							
38	57	93 491	21 062,224	336 265,568	15,965	15,501							
39	58	93 005	20 146,858	315 203,343	15,645	15,180							
40	59	92 473	19 261,014	295 056,485	15,319	14,854							
41	60	91 905	18 406,580	275 795,471	14,984	14,519							
42	61	91 267	17 575,715	257 388,892	14,645	14,180							
43	62	90 602	16 776,545	239 813,177	14,295	13,830							
44	63	89 860	15 999,246	223 036,632	13,940	13,476							
45	64	89 071	15 248,781	207 037,386	13,577	13,112							
46	65	88 217	14 521,692	191 788,606	13,207	12,742							
47	66	87 293	13 816,894	177 266,913	12,830	12,365							
48	67	86 307	13 135,513	163 450,019	12,443	11,979							
49	68	85 227	12 472,180	150 314,506	12,052	11,587							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 304 797,074	23,179	22,714	50	70	83 141	11 699,022	132 324,358	11,311	10,846
1	21	99 011	95 202,922	2 205 361,242	23,165	22,700	51	71	81 797	11 067,172	120 625,337	10,899	10,435
2	22	98 954	91 488,909	2 110 158,320	23,065	22,600	52	72	80 318	10 449,114	109 558,165	10,485	10,020
3	23	98 913	87 932,961	2 018 669,411	22,957	22,492	53	73	78 659	9 839,716	99 109,051	10,072	9,608
4	24	98 875	84 518,929	1 930 736,451	22,844	22,379	54	74	76 852	9 243,909	89 269,335	9,657	9,192
5	25	98 838	81 238,017	1 846 217,522	22,726	22,261	55	75	74 884	8 660,757	80 025,426	9,240	8,775
6	26	98 805	78 087,034	1 764 979,505	22,603	22,138	56	76	72 711	8 085,933	71 364,669	8,826	8,361
7	27	98 768	75 055,714	1 686 892,471	22,475	22,010	57	77	70 340	7 521,410	63 278,736	8,413	7,948
8	28	98 733	72 143,349	1 611 836,757	22,342	21,877	58	78	67 759	6 966,792	55 757,325	8,003	7,538
9	29	98 698	69 343,920	1 539 693,408	22,204	21,739	59	79	64 926	6 418,784	48 790,533	7,601	7,136
10	30	98 662	66 652,630	1 470 349,488	22,060	21,595	60	80	61 888	5 883,139	42 371,749	7,202	6,737
11	31	98 626	64 065,750	1 403 696,858	21,910	21,445	61	81	58 576	5 354,130	36 488,610	6,815	6,350
12	32	98 585	61 575,611	1 339 631,108	21,756	21,291	62	82	55 051	4 838,375	31 134,480	6,435	5,970
13	33	98 540	59 180,623	1 278 055,497	21,596	21,131	63	83	51 282	4 333,776	26 296,105	6,068	5,603
14	34	98 496	56 878,878	1 218 874,873	21,429	20,964	64	84	47 321	3 845,228	21 962,330	5,712	5,247
15	35	98 440	54 660,018	1 161 995,996	21,259	20,794	65	85	43 190	3 374,575	18 117,102	5,369	4,904
16	36	98 378	52 524,818	1 107 335,978	21,082	20,617	66	86	38 891	2 921,758	14 742,527	5,046	4,581
17	37	98 303	50 466,113	1 054 811,159	20,901	20,437	67	87	34 546	2 495,553	11 820,769	4,737	4,272
18	38	98 218	48 482,991	1 004 345,046	20,715	20,251	68	88	30 034	2 086,133	9 325,216	4,470	4,005
19	39	98 105	46 564,884	955 862,055	20,528	20,063	69	89	25 749	1 719,758	7 239,083	4,209	3,745
20	40	97 983	44 718,040	909 297,172	20,334	19,869	70	90	21 672	1 391,740	5 519,325	3,966	3,501
21	41	97 854	42 941,798	864 579,132	20,134	19,669	71	91	18 025	1 113,004	4 127,585	3,709	3,244
22	42	97 718	41 232,614	821 637,333	19,927	19,462	72	92	14 519	862,038	3 014,580	3,497	3,032
23	43	97 571	39 586,954	780 404,719	19,714	19,249	73	93	11 432	652,681	2 152,543	3,298	2,833
24	44	97 414	38 003,258	740 817,765	19,494	19,029	74	94	8 777	481,786	1 499,861	3,113	2,648
25	45	97 248	36 479,244	702 814,506	19,266	18,801	75	95	6 553	345,890	1 018,075	2,943	2,479
26	46	97 059	35 007,993	666 335,262	19,034	18,569	76	96	4 754	241,305	672,185	2,786	2,321
27	47	96 849	33 588,800	631 327,269	18,796	18,331	77	97	3 345	163,230	430,880	2,640	2,175
28	48	96 620	32 220,468	597 738,469	18,552	18,087	78	98	2 276	106,800	267,650	2,506	2,041
29	49	96 381	30 904,649	565 518,001	18,299	17,834	79	99	1 495	67,470	160,850	2,384	1,919
30	50	96 117	29 634,763	534 613,352	18,040	17,575	80	100	948	41,143	93,380	2,270	1,805
31	51	95 829	28 409,502	504 978,589	17,775	17,310							
32	52	95 519	27 228,591	476 569,087	17,503	17,038							
33	53	95 184	26 089,302	449 340,496	17,223	16,758							
34	54	94 826	24 991,463	423 251,194	16,936	16,471							
35	55	94 447	23 934,335	398 259,731	16,640	16,175							
36	56	94 026	22 911,144	374 325,396	16,338	15,873							
37	57	93 584	21 926,369	351 414,252	16,027	15,562							
38	58	93 106	20 975,316	329 487,883	15,708	15,244							
39	59	92 581	20 054,996	308 512,567	15,383	14,919							
40	60	92 031	19 168,978	288 457,571	15,048	14,583							
41	61	91 403	18 305,935	269 288,594	14,710	14,246							
42	62	90 748	17 475,788	250 982,659	14,362	13,897							
43	63	90 033	16 671,276	233 506,870	14,007	13,542							
44	64	89 261	15 892,553	216 835,594	13,644	13,179							
45	65	88 430	15 139,053	200 943,042	13,273	12,808							
46	66	87 534	14 409,259	185 803,989	12,895	12,430							
47	67	86 575	13 703,322	171 394,730	12,508	12,043							
48	68	85 529	13 017,036	157 691,407	12,114	11,649							
49	69	84 392	12 350,013	144 674,371	11,715	11,250							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 296 189,378	23,097	22,632	50	71	82 148	11 559,239	126 628,678	10,955	10,490
1	22	98 990	95 182,344	2 196 774,525	23,080	22,615	51	72	80 706	10 919,503	115 069,439	10,538	10,073
2	23	98 932	91 467,885	2 101 592,182	22,976	22,511	52	73	79 075	10 287,412	104 149,936	10,124	9,659
3	24	98 890	87 912,960	2 010 124,297	22,865	22,400	53	74	77 296	9 669,141	93 862,524	9,707	9,243
4	25	98 853	84 499,713	1 922 211,337	22,748	22,283	54	75	75 367	9 065,279	84 193,384	9,287	8,823
5	26	98 816	81 219,913	1 837 711,624	22,626	22,162	55	76	73 216	8 467,785	75 128,105	8,872	8,407
6	27	98 779	78 066,173	1 756 491,710	22,500	22,035	56	77	70 867	7 880,973	66 660,319	8,458	7,994
7	28	98 743	75 036,340	1 678 425,538	22,368	21,903	57	78	68 303	7 303,633	58 779,346	8,048	7,583
8	29	98 708	72 124,611	1 603 389,198	22,231	21,766	58	79	65 505	6 735,090	51 475,712	7,643	7,178
9	30	98 671	69 324,687	1 531 264,587	22,088	21,623	59	80	62 488	6 177,754	44 740,622	7,242	6,777
10	31	98 635	66 634,338	1 461 939,900	21,940	21,475	60	81	59 204	5 627,969	38 562,868	6,852	6,387
11	32	98 594	64 044,863	1 395 305,562	21,786	21,322	61	82	55 677	5 089,123	32 934,899	6,472	6,007
12	33	98 550	61 554,285	1 331 260,700	21,627	21,163	62	83	51 921	4 563,227	27 845,777	6,102	5,637
13	34	98 504	59 159,212	1 269 706,415	21,463	20,998	63	84	47 951	4 052,258	23 282,550	5,746	5,281
14	35	98 456	56 855,795	1 210 547,202	21,292	20,827	64	85	43 820	3 560,735	19 230,292	5,401	4,936
15	36	98 398	54 636,724	1 153 691,407	21,116	20,651	65	86	39 506	3 086,739	15 669,556	5,076	4,612
16	37	98 332	52 500,325	1 099 054,683	20,934	20,469	66	87	35 132	2 639,374	12 582,817	4,767	4,303
17	38	98 251	50 439,533	1 046 554,358	20,749	20,284	67	88	30 585	2 209,409	9 943,443	4,500	4,036
18	39	98 160	48 454,407	996 114,825	20,558	20,093	68	89	26 266	1 824,402	7 734,034	4,239	3,774
19	40	98 036	46 532,136	947 660,418	20,366	19,901	69	90	22 150	1 479,390	5 909,632	3,995	3,530
20	41	97 913	44 686,165	901 128,282	20,166	19,701	70	91	18 460	1 185,489	4 430,242	3,737	3,272
21	42	97 773	42 906,114	856 442,116	19,961	19,496	71	92	14 904	920,294	3 244,753	3,526	3,061
22	43	97 626	41 193,610	813 536,002	19,749	19,284	72	93	11 775	699,127	2 324,459	3,325	2,860
23	44	97 468	39 545,168	772 342,392	19,531	19,066	73	94	9 067	517,653	1 625,332	3,140	2,675
24	45	97 304	37 960,284	732 797,223	19,304	18,839	74	95	6 798	373,196	1 107,679	2,968	2,503
25	46	97 116	36 429,904	694 836,940	19,073	18,608	75	96	4 951	261,337	734,483	2,810	2,346
26	47	96 908	34 953,699	658 407,036	18,837	18,372	76	97	3 499	177,603	473,146	2,664	2,199
27	48	96 681	33 530,509	623 453,337	18,594	18,129	77	98	2 395	116,880	295,543	2,529	2,064
28	49	96 441	32 160,765	589 922,828	18,343	17,878	78	99	1 583	74,303	178,663	2,405	1,940
29	50	96 179	30 839,994	557 762,063	18,086	17,621	79	100	1 010	45,549	104,360	2,291	1,826
30	51	95 893	29 565,522	526 922,069	17,822	17,357							
31	52	95 590	28 338,740	497 356,546	17,550	17,086							
32	53	95 255	27 153,145	469 017,806	17,273	16,808							
33	54	94 894	26 010,011	441 864,661	16,988	16,523							
34	55	94 523	24 911,836	415 854,650	16,693	16,228							
35	56	94 107	23 848,231	390 942,813	16,393	15,928							
36	57	93 669	22 824,244	367 094,583	16,084	15,619							
37	58	93 198	21 835,895	344 270,338	15,766	15,301							
38	59	92 681	20 879,676	322 434,444	15,443	14,978							
39	60	92 139	19 959,166	301 554,768	15,109	14,644							
40	61	91 527	19 064,164	281 595,602	14,771	14,306							
41	62	90 883	18 201,857	262 531,438	14,423	13,959							
42	63	90 179	17 366,132	244 329,581	14,069	13,604							
43	64	89 433	16 560,101	226 963,449	13,705	13,241							
44	65	88 618	15 778,193	210 403,348	13,335	12,870							
45	66	87 745	15 021,840	194 625,155	12,956	12,491							
46	67	86 814	14 290,818	179 603,315	12,568	12,103							
47	68	85 794	13 579,723	165 312,496	12,173	11,709							
48	69	84 691	12 889,532	151 732,773	11,772	11,307							
49	70	83 466	12 214,562	138 843,241	11,367	10,902							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 287 166,088	23,011	22,546	50	72	81 052	11 405,004	120 761,874	10,588	10,124
1	23	98 967	95 160,471	2 187 772,723	22,990	22,526	51	73	79 457	10 750,522	109 356,870	10,172	9,707
2	24	98 909	91 447,080	2 092 612,252	22,883	22,418	52	74	77 704	10 109,076	98 606,348	9,754	9,289
3	25	98 868	87 892,973	2 001 165,172	22,768	22,303	53	75	75 802	9 482,294	88 497,272	9,333	8,868
4	26	98 831	84 480,883	1 913 272,199	22,647	22,183	54	76	73 688	8 863,294	79 014,978	8,915	8,450
5	27	98 790	81 198,215	1 828 791,316	22,523	22,058	55	77	71 360	8 253,147	70 151,684	8,500	8,035
6	28	98 753	78 046,021	1 747 593,102	22,392	21,927	56	78	68 816	7 652,785	61 898,538	8,088	7,624
7	29	98 717	75 016,850	1 669 547,080	22,256	21,791	57	79	66 031	7 060,728	54 245,752	7,683	7,218
8	30	98 680	72 104,606	1 594 530,230	22,114	21,649	58	80	63 046	6 482,183	47 185,024	7,279	6,814
9	31	98 644	69 305,661	1 522 425,624	21,967	21,502	59	81	59 778	5 909,805	40 702,841	6,887	6,423
10	32	98 603	66 612,614	1 453 119,963	21,814	21,350	60	82	56 274	5 349,408	34 793,035	6,504	6,039
11	33	98 560	64 022,681	1 386 507,349	21,657	21,192	61	83	52 511	4 799,715	29 443,627	6,134	5,670
12	34	98 515	61 532,015	1 322 484,668	21,493	21,028	62	84	48 548	4 266,804	24 643,912	5,776	5,311
13	35	98 464	59 135,204	1 260 952,653	21,323	20,858	63	85	44 403	3 752,448	20 377,108	5,430	4,966
14	36	98 414	56 831,566	1 201 817,448	21,147	20,682	64	86	40 082	3 257,021	16 624,660	5,104	4,639
15	37	98 352	54 611,246	1 144 985,882	20,966	20,501	65	87	35 688	2 788,410	13 367,639	4,794	4,329
16	38	98 280	52 472,674	1 090 374,636	20,780	20,315	66	88	31 104	2 336,740	10 579,229	4,527	4,063
17	39	98 193	50 409,795	1 037 901,963	20,589	20,124	67	89	26 748	1 932,212	8 242,489	4,266	3,801
18	40	98 091	48 420,331	987 492,168	20,394	19,929	68	90	22 595	1 569,408	6 310,277	4,021	3,556
19	41	97 966	46 498,968	939 071,837	20,196	19,731	69	91	18 868	1 260,149	4 740,869	3,762	3,297
20	42	97 832	44 649,032	892 572,869	19,991	19,526	70	92	15 264	980,228	3 480,720	3,551	3,086
21	43	97 681	42 865,528	847 923,836	19,781	19,316	71	93	12 087	746,374	2 500,491	3,350	2,885
22	44	97 522	41 150,129	805 058,309	19,564	19,099	72	94	9 339	554,490	1 754,117	3,163	2,699
23	45	97 357	39 500,450	763 908,180	19,339	18,874	73	95	7 024	400,978	1 199,628	2,992	2,527
24	46	97 172	37 908,940	724 407,730	19,109	18,644	74	96	5 137	281,969	798,650	2,832	2,368
25	47	96 966	36 373,404	686 498,791	18,874	18,409	75	97	3 644	192,347	516,681	2,686	2,221
26	48	96 740	34 893,040	650 125,387	18,632	18,167	76	98	2 506	127,172	324,334	2,550	2,086
27	49	96 502	33 468,379	615 232,347	18,382	17,918	77	99	1 666	81,316	197,163	2,425	1,960
28	50	96 239	32 093,482	581 763,969	18,127	17,662	78	100	1 069	50,161	115,847	2,309	1,845
29	51	95 954	30 767,938	549 670,486	17,865	17,400							
30	52	95 654	29 491,881	518 902,548	17,595	17,130							
31	53	95 325	28 260,218	489 410,667	17,318	16,853							
32	54	94 965	27 070,621	461 150,449	17,035	16,570							
33	55	94 592	25 927,140	434 079,828	16,742	16,277							
34	56	94 183	24 822,215	408 152,688	16,443	15,978							
35	57	93 750	23 757,777	383 330,473	16,135	15,670							
36	58	93 283	22 730,065	359 572,696	15,819	15,354							
37	59	92 773	21 736,331	336 842,631	15,497	15,032							
38	60	92 238	20 779,905	315 106,300	15,164	14,699							
39	61	91 635	19 850,032	294 326,395	14,828	14,363							
40	62	91 007	18 955,775	274 476,363	14,480	14,015							
41	63	90 313	18 087,644	255 520,588	14,127	13,662							
42	64	89 577	17 250,323	237 432,943	13,764	13,299							
43	65	88 789	16 440,938	220 182,620	13,392	12,928							
44	66	87 932	15 656,031	203 741,682	13,014	12,549							
45	67	87 024	14 898,364	188 085,651	12,625	12,160							
46	68	86 031	14 161,921	173 187,287	12,229	11,764							
47	69	84 954	13 446,708	159 025,366	11,826	11,362							
48	70	83 762	12 748,164	145 578,658	11,420	10,955							
49	71	82 469	12 068,620	132 830,494	11,006	10,541							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 277 713,994	22,921	22,457	50	73	79 797	11 228,510	114 735,392	10,218	9,753
1	24	98 944	95 138,827	2 178 343,470	22,896	22,432	51	74	78 079	10 564,157	103 506,881	9,798	9,333
2	25	98 887	91 426,289	2 083 204,643	22,786	22,321	52	75	76 203	9 913,727	92 942,724	9,375	8,910
3	26	98 846	87 873,386	1 991 778,354	22,666	22,202	53	76	74 113	9 271,017	83 028,997	8,956	8,491
4	27	98 804	84 458,313	1 903 904,968	22,543	22,078	54	77	71 820	8 638,630	73 757,980	8,538	8,073
5	28	98 765	81 177,255	1 819 446,654	22,413	21,948	55	78	69 294	8 014,183	65 119,350	8,126	7,661
6	29	98 727	78 025,750	1 738 269,400	22,278	21,813	56	79	66 527	7 398,268	57 105,167	7,719	7,254
7	30	98 690	74 996,044	1 660 243,649	22,138	21,673	57	80	63 552	6 795,594	49 706,899	7,315	6,850
8	31	98 653	72 084,818	1 585 247,606	21,991	21,527	58	81	60 311	6 201,030	42 911,305	6,920	6,455
9	32	98 611	69 283,066	1 513 162,788	21,840	21,375	59	82	56 819	5 617,295	36 710,275	6,535	6,070
10	33	98 569	66 589,543	1 443 879,722	21,683	21,218	60	83	53 074	5 045,199	31 092,980	6,163	5,698
11	34	98 524	63 999,518	1 377 290,180	21,520	21,055	61	84	49 100	4 487,930	26 047,781	5,804	5,339
12	35	98 475	61 507,044	1 313 290,661	21,352	20,887	62	85	44 956	3 951,121	21 559,851	5,457	4,992
13	36	98 423	59 110,003	1 251 783,617	21,177	20,712	63	86	40 616	3 432,381	17 608,730	5,130	4,665
14	37	98 368	56 805,064	1 192 673,614	20,996	20,531	64	87	36 209	2 942,235	14 176,348	4,818	4,353
15	38	98 300	54 582,483	1 135 868,549	20,810	20,345	65	88	31 596	2 468,687	11 234,114	4,551	4,086
16	39	98 222	52 441,737	1 081 286,067	20,619	20,154	66	89	27 201	2 043,567	8 765,427	4,289	3,824
17	40	98 124	50 374,344	1 028 844,329	20,424	19,959	67	90	23 009	1 662,149	6 721,860	4,044	3,579
18	41	98 021	48 385,817	978 469,986	20,222	19,757	68	91	19 246	1 336,827	5 059,710	3,785	3,320
19	42	97 885	46 460,329	930 084,169	20,019	19,554	69	92	15 601	1 041,962	3 722,883	3,573	3,108
20	43	97 739	44 606,797	883 623,840	19,809	19,344	70	93	12 379	794,982	2 680,922	3,372	2,907
21	44	97 577	42 820,281	839 017,043	19,594	19,129	71	94	9 587	591,962	1 885,940	3,186	2,721
22	45	97 412	41 103,595	796 196,763	19,370	18,906	72	95	7 234	429,512	1 293,978	3,013	2,548
23	46	97 226	39 447,023	755 093,167	19,142	18,677	73	96	5 307	302,960	864,466	2,853	2,389
24	47	97 021	37 850,146	715 646,144	18,907	18,443	74	97	3 781	207,532	561,506	2,706	2,241
25	48	96 797	36 310,281	677 795,998	18,667	18,202	75	98	2 609	137,729	353,975	2,570	2,105
26	49	96 561	34 828,384	641 485,717	18,418	17,954	76	99	1 743	88,476	216,246	2,444	1,979
27	50	96 300	33 398,360	606 657,333	18,164	17,699	77	100	1 125	54,896	127,770	2,327	1,863
28	51	96 014	32 018,497	573 258,973	17,904	17,439							
29	52	95 715	30 691,302	541 240,476	17,635	17,170							
30	53	95 389	29 410,164	510 549,174	17,360	16,895							
31	54	95 036	28 174,330	481 139,010	17,077	16,612							
32	55	94 663	26 984,370	452 964,680	16,786	16,321							
33	56	94 252	25 833,866	425 980,310	16,489	16,024							
34	57	93 826	24 728,067	400 146,444	16,182	15,717							
35	58	93 363	23 659,746	375 418,377	15,867	15,403							
36	59	92 857	22 626,424	351 758,631	15,546	15,082							
37	60	92 329	21 632,467	329 132,207	15,215	14,750							
38	61	91 734	20 666,283	307 499,740	14,879	14,414							
39	62	91 114	19 737,175	286 833,457	14,533	14,068							
40	63	90 436	18 836,832	267 096,282	14,179	13,715							
41	64	89 710	17 967,025	248 259,450	13,818	13,353							
42	65	88 933	17 126,193	230 292,425	13,447	12,982							
43	66	88 102	16 313,645	213 166,232	13,067	12,602							
44	67	87 210	15 527,342	196 852,587	12,678	12,213							
45	68	86 239	14 763,986	181 325,245	12,282	11,817							
46	69	85 188	14 023,203	166 561,258	11,878	11,413							
47	70	84 022	13 299,229	152 538,056	11,470	11,005							
48	71	82 761	12 595,846	139 238,827	11,054	10,590							
49	72	81 369	11 907,589	126 642,980	10,635	10,171							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 267 820,217	22,827	22,362	50	74	78 414	11 033,859	108 569,300	9,840	9,375
1	25	98 922	95 117,196	2 168 472,295	22,798	22,333	51	75	76 570	10 360,015	97 535,440	9,415	8,950
2	26	98 865	91 405,916	2 073 355,099	22,683	22,218	52	76	74 505	9 692,838	87 175,425	8,994	8,529
3	27	98 819	87 849,910	1 981 949,183	22,561	22,096	53	77	72 234	9 036,018	77 482,588	8,575	8,110
4	28	98 779	84 436,512	1 894 099,273	22,432	21,967	54	78	69 740	8 388,505	68 446,570	8,160	7,695
5	29	98 739	81 156,170	1 809 662,761	22,299	21,834	55	79	66 989	7 747,646	60 058,065	7,752	7,287
6	30	98 700	78 004,109	1 728 506,591	22,159	21,694	56	80	64 029	7 120,459	52 310,419	7,346	6,882
7	31	98 663	74 975,462	1 650 502,482	22,014	21,549	57	81	60 795	6 500,847	45 189,960	6,951	6,487
8	32	98 621	72 061,316	1 575 527,021	21,864	21,399	58	82	57 326	5 894,105	38 689,113	6,564	6,099
9	33	98 577	69 259,070	1 503 465,704	21,708	21,243	59	83	53 588	5 297,852	32 795,007	6,190	5,725
10	34	98 533	66 565,451	1 434 206,634	21,546	21,081	60	84	49 626	4 717,467	27 497,156	5,829	5,364
11	35	98 484	63 973,546	1 367 641,183	21,378	20,913	61	85	45 467	4 155,887	22 779,689	5,481	5,016
12	36	98 433	61 480,833	1 303 667,637	21,204	20,740	62	86	41 121	3 614,109	18 623,801	5,153	4,688
13	37	98 377	59 082,440	1 242 186,804	21,025	20,560	63	87	36 690	3 100,647	15 009,693	4,841	4,376
14	38	98 316	56 775,145	1 183 104,365	20,838	20,374	64	88	32 057	2 604,873	11 909,046	4,572	4,107
15	39	98 242	54 550,302	1 126 329,220	20,648	20,183	65	89	27 632	2 158,960	9 304,173	4,310	3,845
16	40	98 153	52 404,857	1 071 778,917	20,452	19,987	66	90	23 399	1 757,941	7 145,212	4,065	3,600
17	41	98 054	50 338,437	1 019 374,060	20,250	19,786	67	91	19 599	1 415,824	5 387,272	3,805	3,340
18	42	97 939	48 345,609	969 035,623	20,044	19,579	68	92	15 914	1 105,363	3 971,448	3,593	3,128
19	43	97 792	46 416,380	920 690,014	19,835	19,371	69	93	12 653	845,048	2 866,084	3,392	2,927
20	44	97 636	44 559,712	874 273,634	19,620	19,155	70	94	9 818	630,513	2 021,036	3,205	2,741
21	45	97 467	42 771,859	829 713,922	19,399	18,934	71	95	7 426	458,539	1 390,523	3,033	2,568
22	46	97 280	41 048,000	786 942,063	19,171	18,706	72	96	5 466	324,519	931,984	2,872	2,407
23	47	97 075	39 385,844	745 894,064	18,938	18,473	73	97	3 906	222,981	607,465	2,724	2,259
24	48	96 853	37 784,460	706 508,220	18,698	18,234	74	98	2 707	148,602	384,484	2,587	2,123
25	49	96 618	36 242,999	668 723,759	18,451	17,986	75	99	1 815	95,821	235,882	2,462	1,997
26	50	96 359	34 755,521	632 480,760	18,198	17,733	76	100	1 177	59,730	140,061	2,345	1,880
27	51	96 075	33 320,326	597 725,239	17,939	17,474							
28	52	95 775	31 938,746	564 404,913	17,671	17,207							
29	53	95 450	30 606,261	532 466,167	17,397	16,932							
30	54	95 099	29 320,781	501 859,906	17,116	16,651							
31	55	94 733	28 084,562	472 539,125	16,826	16,361							
32	56	94 322	26 887,293	444 454,563	16,530	16,065							
33	57	93 894	25 735,881	417 567,270	16,225	15,760							
34	58	93 439	24 626,032	391 831,389	15,911	15,446							
35	59	92 938	23 551,866	367 205,356	15,591	15,127							
36	60	92 414	22 518,307	343 653,491	15,261	14,796							
37	61	91 824	21 514,183	321 135,184	14,927	14,462							
38	62	91 212	20 548,786	299 621,000	14,581	14,116							
39	63	90 542	19 613,329	279 072,215	14,229	13,764							
40	64	89 833	18 711,216	259 458,886	13,866	13,402							
41	65	89 065	17 837,737	240 747,670	13,497	13,032							
42	66	88 244	16 993,595	222 909,933	13,117	12,652							
43	67	87 378	16 179,551	205 916,338	12,727	12,262							
44	68	86 423	15 387,291	189 736,787	12,331	11,866							
45	69	85 394	14 619,371	174 349,496	11,926	11,461							
46	70	84 254	13 869,401	159 730,125	11,517	11,052							
47	71	83 018	13 140,327	145 860,724	11,100	10,635							
48	72	81 657	12 427,780	132 720,397	10,679	10,215							
49	73	80 110	11 723,317	120 292,617	10,261	9,796							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 257 469,676	22,728	22,263	50	75	76 899	10 820,640	102 280,218	9,452	8,988
1	26	98 900	95 096,000	2 158 144,341	22,694	22,230	51	76	74 864	10 129,182	91 459,578	9,029	8,564
2	27	98 838	91 381,496	2 063 048,341	22,576	22,111	52	77	72 616	9 447,147	81 330,396	8,609	8,144
3	28	98 794	87 827,233	1 971 666,845	22,449	21,985	53	78	70 143	8 774,387	71 883,249	8,192	7,728
4	29	98 753	84 414,581	1 883 839,612	22,317	21,852	54	79	67 421	8 109,519	63 108,863	7,782	7,317
5	30	98 712	81 133,661	1 799 425,031	22,179	21,714	55	80	64 474	7 456,717	54 999,344	7,376	6,911
6	31	98 673	77 982,701	1 718 291,370	22,034	21,569	56	81	61 252	6 811,622	47 542,626	6,980	6,515
7	32	98 630	74 951,018	1 640 308,669	21,885	21,420	57	82	57 786	6 179,083	40 731,005	6,592	6,127
8	33	98 587	72 036,358	1 565 357,651	21,730	21,265	58	83	54 066	5 558,921	34 551,922	6,216	5,751
9	34	98 542	69 234,013	1 493 321,293	21,569	21,104	59	84	50 107	4 953,708	28 993,002	5,853	5,388
10	35	98 493	66 538,438	1 424 087,280	21,402	20,938	60	85	45 954	4 368,442	24 039,294	5,503	5,038
11	36	98 442	63 946,283	1 357 548,843	21,230	20,765	61	86	41 589	3 801,409	19 670,852	5,175	4,710
12	37	98 387	61 452,163	1 293 602,559	21,051	20,586	62	87	37 147	3 264,810	15 869,443	4,861	4,396
13	38	98 325	59 051,321	1 232 150,396	20,866	20,401	63	88	32 483	2 745,122	12 604,633	4,592	4,127
14	39	98 258	56 741,672	1 173 099,075	20,674	20,210	64	89	28 035	2 278,061	9 859,511	4,328	3,863
15	40	98 173	54 511,939	1 116 357,403	20,479	20,014	65	90	23 770	1 857,205	7 581,451	4,082	3,617
16	41	98 083	52 367,503	1 061 845,464	20,277	19,812	66	91	19 932	1 497,420	5 724,245	3,823	3,358
17	42	97 973	50 296,607	1 009 477,960	20,070	19,606	67	92	16 206	1 170,683	4 226,826	3,611	3,146
18	43	97 847	48 299,877	959 181,353	19,859	19,394	68	93	12 906	896,468	3 056,143	3,409	2,944
19	44	97 689	46 367,385	910 881,476	19,645	19,180	69	94	10 035	670,222	2 159,675	3,222	2,758
20	45	97 525	44 509,323	864 514,091	19,423	18,958	70	95	7 605	488,401	1 489,453	3,050	2,585
21	46	97 335	42 714,007	820 004,769	19,198	18,733	71	96	5 611	346,450	1 001,052	2,889	2,425
22	47	97 130	40 984,338	777 290,761	18,966	18,501	72	97	4 023	238,849	654,602	2,741	2,276
23	48	96 906	39 317,493	736 306,424	18,727	18,262	73	98	2 797	159,665	415,753	2,604	2,139
24	49	96 674	37 714,447	696 988,930	18,481	18,016	74	99	1 883	103,385	256,089	2,477	2,012
25	50	96 416	36 167,176	659 274,483	18,229	17,764	75	100	1 226	64,688	152,704	2,361	1,896
26	51	96 133	34 674,316	623 107,307	17,970	17,505							
27	52	95 835	33 237,333	588 432,991	17,704	17,239							
28	53	95 509	31 850,249	555 195,659	17,431	16,967							
29	54	95 160	30 513,243	523 345,410	17,151	16,687							
30	55	94 796	29 227,360	492 832,167	16,862	16,397							
31	56	94 392	27 983,527	463 604,807	16,567	16,102							
32	57	93 964	26 785,313	435 621,279	16,263	15,799							
33	58	93 507	25 629,687	408 835,967	15,952	15,487							
34	59	93 013	24 513,746	383 206,280	15,632	15,167							
35	60	92 494	23 439,326	358 692,533	15,303	14,838							
36	61	91 908	22 395,180	335 253,207	14,970	14,505							
37	62	91 302	21 391,865	312 858,027	14,625	14,160							
38	63	90 640	20 419,847	291 466,162	14,274	13,809							
39	64	89 939	19 482,535	271 046,315	13,912	13,447							
40	65	89 187	18 576,574	251 563,780	13,542	13,077							
41	66	88 375	17 699,630	232 987,207	13,163	12,699							
42	67	87 519	16 853,912	215 287,577	12,774	12,309							
43	68	86 589	16 033,617	198 433,666	12,376	11,911							
44	69	85 576	15 236,571	182 400,048	11,971	11,506							
45	70	84 458	14 459,031	167 163,478	11,561	11,096							
46	71	83 247	13 703,686	152 704,447	11,143	10,678							
47	72	81 910	12 964,996	139 000,761	10,721	10,256							
48	73	80 393	12 235,458	126 035,765	10,301	9,836							
49	74	78 721	11 520,089	113 800,307	9,878	9,414							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	13 114,147	208 149,580	15,872	15,407
1	0	99 594	95 763,278	2 309 299,218	24,115	23,650	51	50	92 606	12 529,621	195 035,434	15,566	15,101
2	1	99 240	91 752,784	2 213 535,941	24,125	23,660	52	51	91 946	11 961,857	182 505,813	15,257	14,792
3	2	99 192	88 181,770	2 121 783,156	24,061	23,597	53	52	91 234	11 412,794	170 543,955	14,943	14,478
4	3	99 162	84 763,693	2 033 601,386	23,991	23,527	54	53	90 460	10 880,647	159 131,162	14,625	14,160
5	4	99 133	81 480,122	1 948 837,693	23,918	23,453	55	54	89 607	10 363,525	148 250,515	14,305	13,840
6	5	99 110	78 327,818	1 867 357,571	23,840	23,375	56	55	88 705	9 864,654	137 886,990	13,978	13,513
7	6	99 090	75 300,457	1 789 029,753	23,759	23,294	57	56	87 728	9 380,718	128 022,336	13,647	13,183
8	7	99 073	72 391,479	1 713 729,296	23,673	23,208	58	57	86 699	8 914,143	118 641,619	13,309	12,845
9	8	99 055	69 594,684	1 641 337,818	23,584	23,119	59	58	85 578	8 460,445	109 727,475	12,969	12,505
10	9	99 040	66 908,065	1 571 743,133	23,491	23,026	60	59	84 370	8 020,232	101 267,030	12,626	12,162
11	10	99 025	64 324,841	1 504 835,068	23,394	22,929	61	60	83 076	7 593,534	93 246,798	12,280	11,815
12	11	99 008	61 839,813	1 440 510,227	23,294	22,829	62	61	81 693	7 179,916	85 653,263	11,930	11,465
13	12	98 989	59 450,419	1 378 670,414	23,190	22,725	63	62	80 230	6 780,122	78 473,347	11,574	11,109
14	13	98 973	57 154,478	1 319 219,995	23,082	22,617	64	63	78 680	6 393,355	71 693,225	11,214	10,749
15	14	98 947	54 941,761	1 262 065,516	22,971	22,506	65	64	77 032	6 018,696	65 299,870	10,850	10,385
16	15	98 915	52 811,526	1 207 123,756	22,857	22,392	66	65	75 285	5 656,011	59 281,174	10,481	10,016
17	16	98 872	50 758,374	1 154 312,230	22,741	22,276	67	66	73 457	5 306,406	53 625,163	10,106	9,641
18	17	98 823	48 781,620	1 103 553,857	22,622	22,158	68	67	71 540	4 969,147	48 318,756	9,724	9,259
19	18	98 750	46 871,108	1 054 772,236	22,504	22,039	69	68	69 501	4 641,877	43 349,610	9,339	8,874
20	19	98 675	45 033,958	1 007 901,128	22,381	21,916	70	69	67 333	4 324,085	38 707,733	8,952	8,487
21	20	98 595	43 266,707	962 867,171	22,254	21,789	71	70	65 024	4 015,171	34 383,648	8,563	8,099
22	21	98 518	41 570,370	919 600,463	22,122	21,657	72	71	62 587	3 716,067	30 368,477	8,172	7,707
23	22	98 442	39 940,384	878 030,094	21,984	21,519	73	72	59 955	3 422,905	26 652,411	7,786	7,322
24	23	98 365	38 374,244	838 089,709	21,840	21,375	74	73	57 135	3 136,443	23 229,506	7,406	6,942
25	24	98 286	36 868,666	799 715,465	21,691	21,226	75	74	54 118	2 856,561	20 093,063	7,034	6,569
26	25	98 205	35 421,575	762 846,799	21,536	21,071	76	75	50 964	2 586,628	17 236,502	6,664	6,199
27	26	98 123	34 030,821	727 425,223	21,375	20,911	77	76	47 628	2 324,335	14 649,874	6,303	5,838
28	27	98 035	32 692,496	693 394,402	21,210	20,745	78	77	44 114	2 070,031	12 325,539	5,954	5,489
29	28	97 949	31 407,503	660 701,906	21,036	20,572	79	78	40 454	1 825,253	10 255,508	5,619	5,154
30	29	97 861	30 172,255	629 294,403	20,857	20,392	80	79	36 739	1 593,890	8 430,256	5,289	4,824
31	30	97 768	28 984,469	599 122,148	20,670	20,206	81	80	32 958	1 374,876	6 836,366	4,972	4,508
32	31	97 669	27 841,381	570 137,679	20,478	20,013	82	81	29 168	1 169,979	5 461,490	4,668	4,203
33	32	97 564	26 741,852	542 296,297	20,279	19,814	83	82	25 442	981,250	4 291,511	4,374	3,909
34	33	97 460	25 685,746	515 554,446	20,072	19,607	84	83	21 828	809,504	3 310,261	4,089	3,624
35	34	97 346	24 668,949	489 868,700	19,858	19,393	85	84	18 364	654,823	2 500,756	3,819	3,354
36	35	97 222	23 689,996	465 199,751	19,637	19,172	86	85	15 087	517,286	1 845,934	3,568	3,104
37	36	97 092	22 748,364	441 509,755	19,408	18,944	87	86	12 066	397,808	1 328,648	3,340	2,875
38	37	96 951	21 841,634	418 761,391	19,173	18,708	88	87	9 354	296,513	930,840	3,139	2,674
39	38	96 796	20 967,910	396 919,757	18,930	18,465	89	88	7 032	214,343	634,327	2,959	2,495
40	39	96 625	20 125,913	375 951,847	18,680	18,215	90	89	5 139	150,621	419,984	2,788	2,324
41	40	96 425	19 311,864	355 825,934	18,425	17,960	91	90	3 670	103,428	269,364	2,604	2,140
42	41	96 213	18 528,301	336 514,070	18,162	17,697	92	91	2 519	68,260	165,936	2,431	1,966
43	42	95 978	17 772,164	317 985,768	17,892	17,428	93	92	1 630	42,481	97,676	2,299	1,834
44	43	95 703	17 039,623	300 213,604	17,619	17,154	94	93	1 013	25,369	55,195	2,176	1,711
45	44	95 399	16 332,128	283 173,981	17,338	16,874	95	94	600	14,454	29,826	2,064	1,599
46	45	95 061	15 648,399	266 841,853	17,052	16,588	96	95	338	7,835	15,372	1,962	1,497
47	46	94 671	14 984,797	251 193,455	16,763	16,298	97	96	181	4,031	7,537	1,870	1,405
48	47	94 232	14 341,612	236 208,658	16,470	16,005	98	97	92	1,963	3,506	1,786	1,321
49	48	93 736	13 717,466	221 867,046	16,174	15,709	99	98	44	0,902	1,543	1,711	1,246
							100	99	20	0,390	0,641	1,642	1,177



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	13 138,492	209 860,028	15,973	15,508
1							51	49	92 800	12 555,889	196 721,536	15,668	15,203
2	0	99 558	92 047,300	2 216 024,242	24,075	23,610	52	50	92 161	11 989,871	184 165,647	15,360	14,895
3	1	99 221	88 206,850	2 123 976,942	24,080	23,615	53	51	91 462	11 441,291	172 175,776	15,049	14,584
4	2	99 178	84 777,361	2 035 770,092	24,013	23,548	54	52	90 711	10 910,879	160 734,485	14,732	14,267
5	3	99 147	81 491,807	1 950 992,731	23,941	23,476	55	53	89 880	10 395,118	149 823,606	14,413	13,948
6	4	99 122	78 337,206	1 869 500,924	23,865	23,400	56	54	88 989	9 896,185	139 428,488	14,089	13,624
7	5	99 099	75 307,269	1 791 163,718	23,785	23,320	57	55	88 044	9 414,587	129 532,303	13,759	13,294
8	6	99 081	72 397,283	1 715 856,449	23,701	23,236	58	56	87 029	8 948,082	120 117,716	13,424	12,959
9	7	99 063	69 600,499	1 643 459,165	23,613	23,148	59	57	85 932	8 495,500	111 169,634	13,086	12,621
10	8	99 046	66 912,221	1 573 858,667	23,521	23,056	60	58	84 756	8 056,969	102 674,134	12,744	12,279
11	9	99 031	64 328,925	1 506 946,446	23,426	22,961	61	59	83 475	7 629,993	94 617,165	12,401	11,936
12	10	99 016	61 844,795	1 442 617,520	23,326	22,862	62	60	82 142	7 219,391	86 987,172	12,049	11,584
13	11	98 997	59 455,141	1 380 772,725	23,224	22,759	63	61	80 689	6 818,891	79 767,780	11,698	11,233
14	12	98 981	57 158,860	1 321 317,584	23,117	22,652	64	62	79 176	6 433,726	72 948,890	11,339	10,874
15	13	98 957	54 947,166	1 264 158,724	23,007	22,542	65	63	77 549	6 059,101	66 515,164	10,978	10,513
16	14	98 927	52 818,064	1 209 211,558	22,894	22,429	66	64	75 831	5 697,006	60 456,063	10,612	10,147
17	15	98 886	50 765,255	1 156 393,494	22,779	22,314	67	65	74 030	5 347,812	54 759,057	10,240	9,775
18	16	98 839	48 789,464	1 105 628,239	22,661	22,196	68	66	72 133	5 010,330	49 411,245	9,862	9,397
19	17	98 768	46 879,337	1 056 838,775	22,544	22,079	69	67	70 134	4 684,126	44 400,915	9,479	9,014
20	18	98 697	45 043,797	1 009 959,438	22,422	21,957	70	68	67 999	4 366,859	39 716,789	9,095	8,630
21	19	98 616	43 276,014	964 915,641	22,297	21,832	71	69	65 745	4 059,696	35 349,930	8,708	8,243
22	20	98 539	41 579,143	921 639,627	22,166	21,701	72	70	63 344	3 761,004	31 290,234	8,320	7,855
23	21	98 463	39 949,019	880 060,484	22,030	21,565	73	71	60 766	3 469,194	27 529,230	7,935	7,471
24	22	98 387	38 383,065	840 111,465	21,888	21,423	74	72	58 033	3 185,743	24 060,036	7,552	7,088
25	23	98 308	36 877,054	801 728,400	21,741	21,276	75	73	55 073	2 906,955	20 874,293	7,181	6,716
26	24	98 228	35 429,630	764 851,346	21,588	21,123	76	74	51 969	2 637,597	17 967,339	6,812	6,347
27	25	98 145	34 038,406	729 421,716	21,429	20,965	77	75	48 714	2 377,304	15 329,742	6,448	5,984
28	26	98 061	32 701,233	695 383,310	21,265	20,800	78	76	45 261	2 123,866	12 952,438	6,099	5,634
29	27	97 974	31 415,613	662 682,077	21,094	20,629	79	77	41 660	1 879,677	10 828,572	5,761	5,296
30	28	97 886	30 180,093	631 266,465	20,917	20,452	80	78	38 003	1 648,724	8 948,895	5,428	4,963
31	29	97 796	28 992,511	601 086,371	20,732	20,268	81	79	34 244	1 428,518	7 300,171	5,110	4,645
32	30	97 696	27 849,024	572 093,860	20,543	20,078	82	80	30 491	1 223,025	5 871,653	4,801	4,336
33	31	97 596	26 750,573	544 244,836	20,345	19,880	83	81	26 767	1 032,347	4 648,628	4,503	4,038
34	32	97 494	25 694,645	517 494,263	20,140	19,675	84	82	23 144	858,315	3 616,281	4,213	3,748
35	33	97 381	24 677,877	491 799,618	19,929	19,464	85	83	19 639	700,315	2 757,966	3,938	3,473
36	34	97 262	23 699,613	467 121,740	19,710	19,245	86	84	16 292	558,615	2 057,652	3,683	3,219
37	35	97 133	22 758,063	443 422,127	19,484	19,019	87	85	13 191	434,903	1 499,036	3,447	2,982
38	36	96 996	21 851,824	420 664,064	19,251	18,786	88	86	10 354	328,237	1 064,134	3,242	2,777
39	37	96 847	20 978,960	398 812,241	19,010	18,545	89	87	7 943	242,102	735,897	3,040	2,575
40	38	96 682	20 137,785	377 833,281	18,762	18,298	90	88	5 876	172,229	493,794	2,867	2,402
41	39	96 493	19 325,455	357 695,495	18,509	18,044	91	89	4 266	120,233	321,565	2,675	2,210
42	40	96 282	18 541,518	338 370,040	18,249	17,784	92	90	2 957	80,136	201,333	2,512	2,048
43	41	96 058	17 786,945	319 828,522	17,981	17,516	93	91	1 972	51,376	121,197	2,359	1,894
44	42	95 794	17 055,756	302 041,578	17,709	17,244	94	92	1 249	31,281	69,821	2,232	1,767
45	43	95 500	16 349,385	284 985,821	17,431	16,966	95	93	756	18,224	38,540	2,115	1,650
46	44	95 169	15 666,114	268 636,436	17,148	16,683	96	94	437	10,115	20,316	2,008	1,544
47	45	94 799	15 005,092	252 970,322	16,859	16,394	97	95	240	5,335	10,201	1,912	1,447
48	46	94 378	14 363,889	237 965,229	16,567	16,102	98	96	125	2,667	4,866	1,825	1,360
49	47	93 899	13 741,313	223 601,340	16,272	15,807	99	97	61	1,260	2,199	1,745	1,281
							100	98	28	0,561	0,939	1,674	1,209

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	13 161,332	211 440,632	16,065	15,600
1							51	48	92 972	12 579,197	198 279,299	15,762	15,298
2							52	49	92 354	12 015,007	185 700,102	15,456	14,991
3	0	99 539	88 489,984	2 126 282,007	24,029	23,564	53	50	91 676	11 468,086	173 685,095	15,145	14,680
4	1	99 206	84 801,472	2 037 792,024	24,030	23,565	54	51	90 938	10 938,124	162 217,008	14,830	14,366
5	2	99 163	81 504,947	1 952 990,551	23,962	23,497	55	52	90 130	10 424,001	151 278,885	14,513	14,048
6	3	99 136	78 348,440	1 871 485,604	23,887	23,422	56	53	89 260	9 926,353	140 854,884	14,190	13,725
7	4	99 111	75 316,296	1 793 137,164	23,808	23,343	57	54	88 326	9 444,679	130 928,531	13,863	13,398
8	5	99 090	72 403,833	1 717 820,868	23,726	23,261	58	55	87 343	8 980,390	121 483,852	13,528	13,063
9	6	99 071	69 606,080	1 645 417,035	23,639	23,174	59	56	86 259	8 527,845	112 503,462	13,192	12,728
10	7	99 055	66 917,812	1 575 810,956	23,548	23,084	60	57	85 107	8 090,352	103 975,617	12,852	12,387
11	8	99 038	64 332,921	1 508 893,144	23,454	22,990	61	58	83 858	7 664,943	95 885,265	12,510	12,045
12	9	99 022	61 848,722	1 444 560,223	23,356	22,892	62	59	82 537	7 254,054	88 220,322	12,162	11,697
13	10	99 005	59 459,931	1 382 711,501	23,255	22,790	63	60	81 133	6 856,381	80 966,269	11,809	11,344
14	11	98 989	57 163,400	1 323 251,570	23,149	22,684	64	61	79 629	6 470,513	74 109,888	11,453	10,989
15	12	98 964	54 951,378	1 266 088,170	23,040	22,575	65	62	78 039	6 097,361	67 639,375	11,093	10,628
16	13	98 937	52 823,260	1 211 136,792	22,928	22,463	66	63	76 340	5 735,252	61 542,014	10,730	10,266
17	14	98 898	50 771,541	1 158 313,532	22,814	22,349	67	64	74 567	5 386,572	55 806,762	10,360	9,896
18	15	98 852	48 796,079	1 107 541,991	22,697	22,233	68	65	72 696	5 049,425	50 420,189	9,985	9,521
19	16	98 784	46 886,875	1 058 745,913	22,581	22,116	69	66	70 715	4 722,948	45 370,764	9,606	9,142
20	17	98 714	45 051,705	1 011 859,038	22,460	21,995	70	67	68 618	4 406,604	40 647,817	9,224	8,759
21	18	98 638	43 285,469	966 807,332	22,336	21,871	71	68	66 395	4 099,855	36 241,212	8,840	8,375
22	19	98 560	41 588,086	923 521,863	22,206	21,742	72	69	64 046	3 802,711	32 141,357	8,452	7,987
23	20	98 484	39 957,450	881 933,777	22,072	21,607	73	70	61 501	3 511,146	28 338,647	8,071	7,606
24	21	98 409	38 391,363	841 976,327	21,931	21,467	74	71	58 818	3 228,825	24 827,501	7,689	7,225
25	22	98 331	36 885,530	803 584,964	21,786	21,321	75	72	55 939	2 952,647	21 598,676	7,315	6,850
26	23	98 250	35 437,691	766 699,434	21,635	21,170	76	73	52 886	2 684,127	18 646,028	6,947	6,482
27	24	98 168	34 046,147	731 261,743	21,479	21,014	77	74	49 674	2 424,149	15 961,901	6,585	6,120
28	25	98 083	32 708,522	697 215,597	21,316	20,851	78	75	46 293	2 172,267	13 537,752	6,232	5,767
29	26	98 001	31 424,008	664 507,075	21,146	20,682	79	76	42 743	1 928,562	11 365,486	5,893	5,428
30	27	97 911	30 187,886	633 083,067	20,971	20,507	80	77	39 136	1 697,885	9 436,924	5,558	5,093
31	28	97 821	29 000,043	602 895,182	20,789	20,325	81	78	35 422	1 477,662	7 739,040	5,237	4,773
32	29	97 723	27 856,751	573 895,139	20,602	20,137	82	79	31 680	1 270,742	6 261,378	4,927	4,463
33	30	97 623	26 757,917	546 038,388	20,407	19,942	83	80	27 980	1 079,153	4 990,635	4,625	4,160
34	31	97 525	25 703,025	519 280,471	20,203	19,738	84	81	24 350	903,010	3 911,482	4,332	3,867
35	32	97 415	24 686,427	493 577,446	19,994	19,529	85	82	20 824	742,541	3 008,472	4,052	3,587
36	33	97 297	23 708,191	468 891,019	19,778	19,313	86	83	17 424	597,424	2 265,931	3,793	3,328
37	34	97 173	22 767,302	445 182,828	19,554	19,089	87	84	14 245	469,650	1 668,507	3,553	3,088
38	35	97 038	21 861,140	422 415,526	19,323	18,858	88	85	11 320	358,845	1 198,857	3,341	2,876
39	36	96 892	20 988,747	400 554,386	19,084	18,619	89	86	8 792	268,005	840,012	3,134	2,669
40	37	96 733	20 148,397	379 565,639	18,839	18,374	90	87	6 637	194,535	572,008	2,940	2,476
41	38	96 550	19 336,856	359 417,241	18,587	18,122	91	88	4 878	137,481	377,473	2,746	2,281
42	39	96 350	18 554,566	340 080,386	18,329	17,864	92	89	3 438	93,156	239,991	2,576	2,111
43	40	96 127	17 799,632	321 525,819	18,064	17,599	93	90	2 315	60,315	146,835	2,434	1,970
44	41	95 874	17 069,941	303 726,187	17,793	17,328	94	91	1 510	37,831	86,521	2,287	1,822
45	42	95 590	16 364,866	286 656,246	17,517	17,052	95	92	933	22,470	48,690	2,167	1,702
46	43	95 269	15 682,668	270 291,380	17,235	16,770	96	93	551	12,754	26,220	2,056	1,591
47	44	94 907	15 022,079	254 608,712	16,949	16,484	97	94	309	6,887	13,466	1,955	1,490
48	45	94 506	14 383,343	239 586,633	16,657	16,192	98	95	165	3,529	6,578	1,864	1,399
49	46	94 045	13 762,658	225 203,289	16,363	15,899	99	96	83	1,712	3,049	1,781	1,316
							100	97	40	0,784	1,337	1,706	1,241

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	13 181,776	212 898,743	16,151	15,686
1							51	47	93 134	12 601,066	199 716,967	15,849	15,384
2							52	48	92 526	12 037,312	187 115,901	15,545	15,080
3							53	49	91 869	11 492,129	175 078,589	15,235	14,770
4	0	99 524	85 073,675	2 039 925,728	23,978	23,514	54	50	91 150	10 963,740	163 586,461	14,921	14,456
5	1	99 191	81 528,128	1 954 852,052	23,978	23,513	55	51	90 355	10 450,030	152 622,721	14,605	14,140
6	2	99 152	78 361,073	1 873 323,924	23,906	23,441	56	52	89 508	9 953,933	142 172,691	14,283	13,818
7	3	99 125	75 327,097	1 794 962,851	23,829	23,364	57	53	88 595	9 473,471	132 218,758	13,957	13,492
8	4	99 102	72 412,511	1 719 635,754	23,748	23,283	58	54	87 622	9 009,094	122 745,287	13,625	13,160
9	5	99 080	69 612,377	1 647 223,243	23,663	23,198	59	55	86 571	8 558,635	113 736,193	13,289	12,824
10	6	99 063	66 923,177	1 577 610,866	23,573	23,109	60	56	85 432	8 121,155	105 177,558	12,951	12,486
11	7	99 046	64 338,296	1 510 687,689	23,480	23,016	61	57	84 205	7 696,701	97 056,403	12,610	12,145
12	8	99 028	61 852,564	1 446 349,393	23,384	22,919	62	58	82 915	7 287,281	89 359,702	12,262	11,798
13	9	99 011	59 463,706	1 384 496,829	23,283	22,818	63	59	81 522	6 889,300	82 072,421	11,913	11,448
14	10	98 996	57 168,005	1 325 033,123	23,178	22,713	64	60	80 067	6 506,088	75 183,121	11,556	11,091
15	11	98 972	54 955,743	1 267 865,118	23,071	22,606	65	61	78 485	6 132,226	68 677,033	11,199	10,735
16	12	98 945	52 827,310	1 212 909,375	22,960	22,495	66	62	76 822	5 771,467	62 544,807	10,837	10,372
17	13	98 908	50 776,536	1 160 082,065	22,847	22,382	67	63	75 068	5 422,735	56 773,340	10,470	10,005
18	14	98 864	48 802,120	1 109 305,530	22,731	22,266	68	64	73 223	5 086,023	51 350,606	10,096	9,632
19	15	98 797	46 893,232	1 060 503,410	22,615	22,150	69	65	71 267	4 759,800	46 264,583	9,720	9,255
20	16	98 730	45 058,949	1 013 610,178	22,495	22,030	70	66	69 187	4 443,126	41 504,782	9,341	8,877
21	17	98 655	43 293,069	968 551,229	22,372	21,907	71	67	66 999	4 137,171	37 061,657	8,958	8,493
22	18	98 582	41 597,173	925 258,160	22,243	21,778	72	68	64 680	3 840,327	32 924,486	8,573	8,109
23	19	98 505	39 966,045	883 660,988	22,110	21,645	73	69	62 183	3 550,082	29 084,159	8,193	7,728
24	20	98 430	38 399,465	843 694,943	21,972	21,507	74	70	59 529	3 267,870	25 534,077	7,814	7,349
25	21	98 352	36 893,505	805 295,478	21,828	21,363	75	71	56 695	2 992,577	22 266,206	7,440	6,976
26	22	98 273	35 445,836	768 401,974	21,678	21,213	76	72	53 717	2 726,317	19 273,629	7,069	6,605
27	23	98 190	34 053,893	732 956,138	21,523	21,059	77	73	50 550	2 466,914	16 547,312	6,708	6,243
28	24	98 105	32 715,960	698 902,245	21,363	20,898	78	74	47 205	2 215,071	14 080,398	6,357	5,892
29	25	98 022	31 431,012	666 186,285	21,195	20,730	79	75	43 717	1 972,512	11 865,328	6,015	5,551
30	26	97 937	30 195,953	634 755,273	21,021	20,556	80	76	40 154	1 742,041	9 892,816	5,679	5,214
31	27	97 846	29 007,531	604 559,321	20,841	20,377	81	77	36 478	1 521,722	8 150,775	5,356	4,891
32	28	97 749	27 863,988	575 551,790	20,656	20,191	82	78	32 770	1 314,459	6 629,052	5,043	4,578
33	29	97 650	26 765,340	547 687,802	20,463	19,998	83	79	29 072	1 121,257	5 314,594	4,740	4,275
34	30	97 552	25 710,081	520 922,461	20,261	19,797	84	80	25 454	943,952	4 193,336	4,442	3,977
35	31	97 447	24 694,478	495 212,381	20,054	19,589	85	81	21 908	781,208	3 249,384	4,159	3,695
36	32	97 331	23 716,405	470 517,902	19,839	19,375	86	82	18 475	633,446	2 468,176	3,896	3,432
37	33	97 208	22 775,542	446 801,498	19,618	19,153	87	83	15 235	502,278	1 834,730	3,653	3,188
38	34	97 077	21 870,015	424 025,955	19,388	18,924	88	84	12 224	387,515	1 332,452	3,438	2,974
39	35	96 933	20 997,696	402 155,940	19,152	18,688	89	85	9 612	292,996	944,937	3,225	2,760
40	36	96 778	20 157,797	381 158,244	18,909	18,444	90	86	7 348	215,348	651,941	3,027	2,563
41	37	96 601	19 347,046	361 000,447	18,659	18,194	91	87	5 510	155,287	436,593	2,812	2,347
42	38	96 407	18 565,512	341 653,401	18,403	17,938	92	88	3 931	106,520	281,307	2,641	2,176
43	39	96 194	17 812,159	323 087,889	18,139	17,674	93	89	2 691	70,114	174,786	2,493	2,028
44	40	95 942	17 082,117	305 275,730	17,871	17,406	94	90	1 773	44,413	104,672	2,357	1,892
45	41	95 670	16 378,476	288 193,613	17,596	17,131	95	91	1 128	27,176	60,259	2,217	1,753
46	42	95 360	15 697,517	271 815,137	17,316	16,851	96	92	679	15,726	33,083	2,104	1,639
47	43	95 007	15 037,953	256 117,620	17,031	16,567	97	93	390	8,684	17,358	1,999	1,534
48	44	94 613	14 399,627	241 079,668	16,742	16,277	98	94	213	4,556	8,674	1,904	1,439
49	45	94 172	13 781,298	226 680,041	16,448	15,984	99	95	110	2,266	4,117	1,817	1,352
							100	96	54	1,065	1,852	1,739	1,274

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	13 199,629	214 241,342	16,231	15,766
1							51	46	93 279	12 620,639	201 041,713	15,930	15,465
2							52	47	92 687	12 058,238	188 421,074	15,626	15,161
3							53	48	92 039	11 513,463	176 362,836	15,318	14,853
4							54	49	91 342	10 986,725	164 849,373	15,004	14,540
5	0	99 510	81 789,824	1 956 825,902	23,925	23,460	55	50	90 566	10 474,503	153 862,648	14,689	14,224
6	1	99 180	78 383,360	1 875 036,079	23,921	23,457	56	51	89 731	9 978,788	143 388,145	14,369	13,904
7	2	99 141	75 339,243	1 796 652,718	23,848	23,383	57	52	88 841	9 499,793	133 409,357	14,043	13,579
8	3	99 116	72 422,896	1 721 313,476	23,768	23,303	58	53	87 889	9 036,558	123 909,564	13,712	13,247
9	4	99 092	69 620,721	1 648 890,580	23,684	23,219	59	54	86 848	8 585,991	114 873,006	13,379	12,914
10	5	99 072	66 929,232	1 579 269,859	23,596	23,131	60	55	85 740	8 150,477	106 287,014	13,041	12,576
11	6	99 054	64 343,455	1 512 340,628	23,504	23,039	61	56	84 526	7 726,005	98 136,538	12,702	12,237
12	7	99 036	61 857,731	1 447 997,172	23,409	22,944	62	57	83 258	7 317,475	90 410,533	12,355	11,891
13	8	99 018	59 467,400	1 386 139,441	23,309	22,844	63	58	81 896	6 920,857	83 093,058	12,006	11,541
14	9	99 003	57 171,635	1 326 672,041	23,205	22,740	64	59	80 451	6 537,326	76 172,201	11,652	11,187
15	10	98 980	54 960,170	1 269 500,407	23,099	22,634	65	60	78 916	6 165,940	69 634,876	11,293	10,829
16	11	98 952	52 831,506	1 214 540,236	22,989	22,524	66	61	77 261	5 804,468	63 468,935	10,934	10,470
17	12	98 915	50 780,428	1 161 708,731	22,877	22,412	67	62	75 542	5 456,976	57 664,467	10,567	10,102
18	13	98 874	48 806,921	1 110 928,302	22,762	22,297	68	63	73 714	5 120,168	52 207,491	10,196	9,732
19	14	98 809	46 899,038	1 062 121,381	22,647	22,182	69	64	71 784	4 794,299	47 087,324	9,822	9,357
20	15	98 743	45 065,058	1 015 222,344	22,528	22,063	70	65	69 727	4 477,795	42 293,025	9,445	8,980
21	16	98 671	43 300,030	970 157,286	22,405	21,941	71	66	67 555	4 171,459	37 815,230	9,065	8,600
22	17	98 599	41 604,476	926 857,256	22,278	21,813	72	67	65 268	3 875,281	33 643,771	8,682	8,217
23	18	98 526	39 974,777	885 252,780	22,145	21,680	73	68	62 798	3 585,200	29 768,490	8,303	7,838
24	19	98 451	38 407,724	845 278,003	22,008	21,543	74	69	60 190	3 304,109	26 183,290	7,924	7,460
25	20	98 373	36 901,290	806 870,279	21,866	21,401	75	70	57 381	3 028,766	22 879,182	7,554	7,089
26	21	98 294	35 453,499	769 968,989	21,718	21,253	76	71	54 443	2 763,186	19 850,416	7,184	6,719
27	22	98 212	34 061,720	734 515,489	21,564	21,099	77	72	51 345	2 505,690	17 087,230	6,819	6,355
28	23	98 128	32 723,403	700 453,770	21,405	20,940	78	73	48 038	2 254,147	14 581,540	6,469	6,004
29	24	98 045	31 438,159	667 730,367	21,239	20,775	79	74	44 579	2 011,380	12 327,393	6,129	5,664
30	25	97 959	30 202,683	636 292,207	21,067	20,603	80	75	41 069	1 781,740	10 316,013	5,790	5,325
31	26	97 872	29 015,283	606 089,524	20,889	20,424	81	76	37 427	1 561,298	8 534,273	5,466	5,001
32	27	97 774	27 871,182	577 074,241	20,705	20,240	82	77	33 747	1 353,653	6 972,975	5,151	4,686
33	28	97 676	26 772,294	549 203,059	20,514	20,049	83	78	30 072	1 159,831	5 619,322	4,845	4,380
34	29	97 579	25 717,214	522 430,765	20,314	19,850	84	79	26 447	980,781	4 459,491	4,547	4,082
35	30	97 473	24 701,257	496 713,551	20,109	19,644	85	80	22 901	816,627	3 478,710	4,260	3,795
36	31	97 362	23 724,139	472 012,294	19,896	19,431	86	81	19 437	666,432	2 662,083	3,995	3,530
37	32	97 242	22 783,433	448 288,155	19,676	19,211	87	82	16 154	532,563	1 995,651	3,747	3,282
38	33	97 112	21 877,931	425 504,721	19,449	18,984	88	83	13 074	414,437	1 463,087	3,530	3,065
39	34	96 972	21 006,220	403 626,791	19,215	18,750	89	84	10 380	316,405	1 048,651	3,314	2,849
40	35	96 819	20 166,391	382 620,571	18,973	18,508	90	85	8 033	235,429	732,245	3,110	2,645
41	36	96 646	19 356,072	362 454,179	18,726	18,261	91	86	6 100	171,901	496,816	2,890	2,425
42	37	96 457	18 575,296	343 098,107	18,471	18,006	92	87	4 440	120,316	324,916	2,701	2,236
43	38	96 251	17 822,667	324 522,812	18,208	17,744	93	88	3 077	80,173	204,600	2,552	2,087
44	39	96 009	17 094,139	306 700,145	17,942	17,477	94	89	2 061	51,629	124,427	2,410	1,945
45	40	95 738	16 390,159	289 606,006	17,670	17,205	95	90	1 324	31,904	72,798	2,282	1,817
46	41	95 439	15 710,572	273 215,848	17,391	16,926	96	91	821	19,019	40,894	2,150	1,685
47	42	95 097	15 052,191	257 505,275	17,107	16,643	97	92	481	10,707	21,875	2,043	1,578
48	43	94 713	14 414,842	242 453,084	16,820	16,355	98	93	268	5,745	11,168	1,944	1,479
49	44	94 279	13 796,899	228 038,242	16,528	16,063	99	94	142	2,925	5,423	1,854	1,389
							100	95	71	1,409	2,498	1,772	1,308

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	13 214,573	215 474,881	16,306	15,841
1							51	45	93 405	12 637,732	202 260,308	16,004	15,540
2							52	46	92 831	12 076,968	189 622,576	15,701	15,236
3							53	47	92 199	11 533,478	177 545,607	15,394	14,929
4							54	48	91 511	11 007,121	166 012,129	15,082	14,617
5							55	49	90 756	10 496,462	155 005,009	14,767	14,303
6	0	99 498	78 634,962	1 876 861,197	23,868	23,403	56	50	89 942	10 002,158	144 508,546	14,448	13,983
7	1	99 170	75 360,670	1 798 226,235	23,862	23,397	57	51	89 063	9 523,514	134 506,388	14,124	13,659
8	2	99 132	72 434,573	1 722 865,565	23,785	23,320	58	52	88 134	9 061,666	124 982,874	13,792	13,328
9	3	99 106	69 630,705	1 650 430,992	23,703	23,238	59	53	87 112	8 612,165	115 921,208	13,460	12,995
10	4	99 083	66 937,254	1 580 800,287	23,616	23,151	60	54	86 014	8 176,528	107 309,043	13,124	12,659
11	5	99 063	64 349,276	1 513 863,033	23,526	23,061	61	55	84 831	7 753,900	99 132,514	12,785	12,320
12	6	99 044	61 862,691	1 449 513,757	23,431	22,966	62	56	83 575	7 345,335	91 378,614	12,440	11,976
13	7	99 026	59 472,368	1 387 651,065	23,333	22,868	63	57	82 235	6 949,532	84 033,279	12,092	11,627
14	8	99 009	57 175,186	1 328 178,697	23,230	22,765	64	58	80 820	6 567,270	77 083,747	11,738	11,273
15	9	98 986	54 963,660	1 271 003,511	23,124	22,660	65	59	79 295	6 195,545	70 516,477	11,382	10,917
16	10	98 960	52 835,762	1 216 039,851	23,015	22,551	66	60	77 686	5 836,381	64 320,932	11,021	10,556
17	11	98 923	50 784,461	1 163 204,089	22,905	22,440	67	61	75 973	5 488,179	58 484,551	10,656	10,192
18	12	98 881	48 810,663	1 112 419,628	22,791	22,326	68	62	74 180	5 152,499	52 996,373	10,286	9,821
19	13	98 819	46 903,652	1 063 608,965	22,676	22,212	69	63	72 266	4 826,485	47 843,874	9,913	9,448
20	14	98 755	45 070,638	1 016 705,313	22,558	22,093	70	64	70 232	4 510,250	43 017,389	9,538	9,073
21	15	98 684	43 305,900	971 634,676	22,437	21,972	71	65	68 082	4 204,008	38 507,139	9,160	8,695
22	16	98 615	41 611,165	928 328,776	22,310	21,845	72	66	65 809	3 907,399	34 303,131	8,779	8,314
23	17	98 544	39 981,795	886 717,610	22,178	21,713	73	67	63 370	3 617,831	30 395,732	8,402	7,937
24	18	98 472	38 416,116	846 735,815	22,041	21,576	74	68	60 785	3 336,793	26 777,901	8,025	7,560
25	19	98 394	36 909,228	808 319,699	21,900	21,435	75	69	58 017	3 062,352	23 441,108	7,655	7,190
26	20	98 314	35 460,981	771 410,471	21,754	21,289	76	70	55 102	2 796,601	20 378,756	7,287	6,822
27	21	98 234	34 069,084	735 949,490	21,602	21,137	77	71	52 039	2 539,575	17 582,155	6,923	6,458
28	22	98 150	32 730,924	701 880,407	21,444	20,979	78	72	48 793	2 289,579	15 042,580	6,570	6,105
29	23	98 067	31 445,312	669 149,482	21,280	20,815	79	73	45 365	2 046,863	12 753,001	6,231	5,766
30	24	97 982	30 209,552	637 704,171	21,109	20,645	80	74	41 878	1 816,849	10 706,138	5,893	5,428
31	25	97 894	29 021,750	607 494,619	20,932	20,468	81	75	38 280	1 596,878	8 889,289	5,567	5,102
32	26	97 800	27 878,630	578 472,869	20,750	20,285	82	76	34 625	1 388,857	7 292,411	5,251	4,786
33	27	97 701	26 779,207	550 594,239	20,561	20,096	83	77	30 969	1 194,414	5 903,554	4,943	4,478
34	28	97 605	25 723,895	523 815,032	20,363	19,898	84	78	27 357	1 014,522	4 709,139	4,642	4,177
35	29	97 500	24 708,111	498 091,137	20,159	19,694	85	79	23 795	848,489	3 694,617	4,354	3,890
36	30	97 389	23 730,652	473 383,027	19,948	19,483	86	80	20 318	696,648	2 846,128	4,085	3,621
37	31	97 273	22 790,864	449 652,375	19,730	19,265	87	81	16 995	560,296	2 149,481	3,836	3,372
38	32	97 146	21 885,510	426 861,511	19,504	19,039	88	82	13 862	439,426	1 589,185	3,617	3,152
39	33	97 007	21 013,823	404 976,001	19,272	18,807	89	83	11 101	338,387	1 149,759	3,398	2,933
40	34	96 859	20 174,579	383 962,178	19,032	18,567	90	84	8 674	254,239	811,372	3,191	2,727
41	35	96 687	19 364,324	363 787,599	18,786	18,322	91	85	6 669	187,930	557,133	2,965	2,500
42	36	96 502	18 583,962	344 423,275	18,533	18,069	92	86	4 915	133,189	369,203	2,772	2,307
43	37	96 302	17 832,059	325 839,313	18,273	17,808	93	87	3 476	90,556	236,015	2,606	2,141
44	38	96 066	17 104,223	308 007,255	18,008	17,543	94	88	2 356	59,036	145,458	2,464	1,999
45	39	95 805	16 401,693	290 903,032	17,736	17,271	95	89	1 540	37,087	86,423	2,330	1,865
46	40	95 507	15 721,779	274 501,338	17,460	16,995	96	90	964	22,327	49,335	2,210	1,745
47	41	95 176	15 064,710	258 779,560	17,178	16,713	97	91	581	12,950	27,008	2,086	1,621
48	42	94 803	14 428,491	243 714,850	16,891	16,426	98	92	331	7,084	14,058	1,985	1,520
49	43	94 379	13 811,478	229 286,359	16,601	16,136	99	93	179	3,688	6,975	1,891	1,426
							100	94	92	1,819	3,287	1,806	1,342

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	13 228,536	216 607,485	16,374	15,909
1							51	44	93 511	12 652,040	203 378,948	16,075	15,610
2							52	45	92 956	12 093,325	190 726,909	15,771	15,306
3							53	46	92 342	11 551,393	178 633,583	15,464	14,999
4							54	47	91 670	11 026,256	167 082,190	15,153	14,688
5							55	48	90 925	10 515,948	156 055,934	14,840	14,375
6							56	49	90 130	10 023,127	145 539,986	14,520	14,056
7	0	99 488	75 602,569	1 799 913,293	23,808	23,343	57	50	89 272	9 545,818	135 516,859	14,196	13,732
8	1	99 160	72 455,175	1 724 310,724	23,798	23,333	58	51	88 354	9 084,293	125 971,041	13,867	13,402
9	2	99 122	69 641,932	1 651 855,550	23,719	23,254	59	52	87 354	8 636,094	116 886,748	13,535	13,070
10	3	99 098	66 946,853	1 582 213,617	23,634	23,169	60	53	86 276	8 201,454	108 250,654	13,199	12,734
11	4	99 075	64 356,989	1 515 266,764	23,545	23,080	61	54	85 102	7 778,684	100 049,200	12,862	12,397
12	5	99 053	61 868,288	1 450 909,775	23,452	22,987	62	55	83 877	7 371,855	92 270,516	12,517	12,052
13	6	99 034	59 477,137	1 389 041,487	23,354	22,889	63	56	82 548	6 975,992	84 898,660	12,170	11,705
14	7	99 017	57 179,963	1 329 564,350	23,252	22,787	64	57	81 155	6 594,481	77 922,668	11,816	11,352
15	8	98 993	54 967,074	1 272 384,387	23,148	22,683	65	58	79 658	6 223,924	71 328,188	11,460	10,996
16	9	98 967	52 839,117	1 217 417,313	23,040	22,575	66	59	78 059	5 864,403	65 104,264	11,102	10,637
17	10	98 931	50 788,553	1 164 578,197	22,930	22,465	67	60	76 391	5 518,352	59 239,861	10,735	10,270
18	11	98 889	48 814,540	1 113 789,644	22,817	22,352	68	61	74 604	5 181,960	53 721,509	10,367	9,902
19	12	98 826	46 907,247	1 064 975,104	22,704	22,239	69	62	72 722	4 856,961	48 539,549	9,994	9,529
20	13	98 765	45 075,072	1 018 067,857	22,586	22,121	70	63	70 703	4 540,529	43 682,587	9,621	9,156
21	14	98 696	43 311,262	972 992,785	22,465	22,000	71	64	68 575	4 234,479	39 142,058	9,244	8,779
22	15	98 628	41 616,807	929 681,523	22,339	21,874	72	65	66 323	3 937,888	34 907,579	8,865	8,400
23	16	98 560	39 988,224	888 064,716	22,208	21,743	73	66	63 895	3 647,815	30 969,692	8,490	8,025
24	17	98 489	38 422,860	848 076,493	22,072	21,607	74	67	61 338	3 367,163	27 321,877	8,114	7,649
25	18	98 415	36 917,292	809 653,632	21,932	21,467	75	68	58 591	3 092,645	23 954,713	7,746	7,281
26	19	98 336	35 468,609	772 736,340	21,786	21,322	76	69	55 713	2 827,613	20 862,068	7,378	6,913
27	20	98 254	34 076,273	737 267,731	21,636	21,171	77	70	52 668	2 570,285	18 034,455	7,017	6,552
28	21	98 172	32 738,000	703 191,458	21,479	21,015	78	71	49 453	2 320,542	15 464,169	6,664	6,199
29	22	98 090	31 452,539	670 453,458	21,316	20,852	79	72	46 078	2 079,036	13 143,627	6,322	5,857
30	23	98 004	30 216,424	639 000,918	21,147	20,683	80	73	42 617	1 848,901	11 064,591	5,984	5,520
31	24	97 916	29 028,349	608 784,494	20,972	20,507	81	74	39 034	1 628,344	9 215,690	5,660	5,195
32	25	97 822	27 884,844	579 756,144	20,791	20,326	82	75	35 414	1 420,508	7 587,346	5,341	4,876
33	26	97 727	26 786,363	551 871,300	20,603	20,138	83	76	31 774	1 225,477	6 166,838	5,032	4,567
34	27	97 630	25 730,537	525 084,937	20,407	19,942	84	77	28 172	1 044,773	4 941,361	4,730	4,265
35	28	97 526	24 714,530	499 354,400	20,205	19,740	85	78	24 613	877,679	3 896,588	4,440	3,975
36	29	97 416	23 737,236	474 639,870	19,996	19,531	86	79	21 111	723,828	3 018,909	4,171	3,706
37	30	97 300	22 797,120	450 902,634	19,779	19,314	87	80	17 765	585,699	2 295,082	3,919	3,454
38	31	97 177	21 892,648	428 105,514	19,555	19,090	88	81	14 584	462,308	1 709,382	3,697	3,233
39	32	97 041	21 021,103	406 212,866	19,324	18,859	89	82	11 771	358,790	1 247,074	3,476	3,011
40	33	96 894	20 181,880	385 191,763	19,086	18,621	90	83	9 277	271,901	888,284	3,267	2,802
41	34	96 727	19 372,186	365 009,883	18,842	18,377	91	84	7 201	202,945	616,382	3,037	2,572
42	35	96 544	18 591,885	345 637,697	18,591	18,126	92	85	5 373	145,608	413,437	2,839	2,375
43	36	96 347	17 840,378	327 045,812	18,332	17,867	93	86	3 847	100,245	267,829	2,672	2,207
44	37	96 117	17 113,237	309 205,434	18,068	17,603	94	87	2 662	66,681	167,584	2,513	2,048
45	38	95 862	16 411,369	292 092,198	17,798	17,333	95	88	1 760	42,408	100,902	2,379	1,915
46	39	95 574	15 732,843	275 680,829	17,523	17,058	96	89	1 121	25,955	58,495	2,254	1,789
47	40	95 244	15 075,455	259 947,986	17,243	16,778	97	90	683	15,203	32,539	2,140	1,676
48	41	94 882	14 440,491	244 872,531	16,957	16,493	98	91	400	8,567	17,337	2,024	1,559
49	42	94 468	13 824,555	230 432,040	16,668	16,203	99	92	221	4,547	8,770	1,929	1,464
							100	93	116	2,294	4,222	1,841	1,376

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	13 241,062	217 646,421	16,437	15,972
1							51	43	93 609	12 665,409	204 405,359	16,139	15,674
2							52	44	93 062	12 107,016	191 739,951	15,837	15,372
3							53	45	92 468	11 567,038	179 632,934	15,530	15,065
4							54	46	91 813	11 043,383	168 065,896	15,219	14,754
5							55	47	91 083	10 534,229	157 022,513	14,906	14,441
6							56	48	90 297	10 041,734	146 488,284	14,588	14,123
7							57	49	89 459	9 565,830	136 446,550	14,264	13,799
8	0	99 478	72 687,748	1 725 869,895	23,744	23,279	58	50	88 561	9 105,568	126 880,719	13,934	13,470
9	1	99 150	69 661,739	1 653 182,147	23,732	23,267	59	51	87 572	8 657,659	117 775,151	13,604	13,139
10	2	99 114	66 957,648	1 583 520,408	23,650	23,185	60	52	86 516	8 224,242	109 117,492	13,268	12,803
11	3	99 089	64 366,218	1 516 562,760	23,561	23,097	61	53	85 361	7 802,397	100 893,250	12,931	12,466
12	4	99 065	61 875,704	1 452 196,542	23,470	23,005	62	54	84 145	7 395,418	93 090,853	12,588	12,123
13	5	99 043	59 482,518	1 390 320,838	23,374	22,909	63	55	82 846	7 001,179	85 695,435	12,240	11,775
14	6	99 025	57 184,548	1 330 838,321	23,273	22,808	64	56	81 464	6 619,588	78 694,256	11,888	11,423
15	7	99 001	54 971,666	1 273 653,773	23,169	22,704	65	57	79 988	6 249,712	72 074,668	11,532	11,068
16	8	98 973	52 842,399	1 218 682,107	23,063	22,598	66	58	78 417	5 891,265	65 824,957	11,173	10,708
17	9	98 937	50 791,777	1 165 839,708	22,953	22,488	67	59	76 758	5 544,848	59 933,692	10,809	10,344
18	10	98 897	48 818,473	1 115 047,930	22,841	22,376	68	60	75 014	5 210,451	54 388,844	10,438	9,974
19	11	98 834	46 910,973	1 066 229,458	22,729	22,264	69	61	73 138	4 884,733	49 178,394	10,068	9,603
20	12	98 773	45 078,527	1 019 318,485	22,612	22,147	70	62	71 150	4 569,200	44 293,660	9,694	9,229
21	13	98 706	43 315,523	974 239,958	22,492	22,027	71	63	69 036	4 262,907	39 724,460	9,319	8,854
22	14	98 641	41 621,960	930 924,435	22,366	21,901	72	64	66 804	3 966,429	35 461,554	8,940	8,476
23	15	98 573	39 993,645	889 302,475	22,236	21,771	73	65	64 394	3 676,279	31 495,125	8,567	8,102
24	16	98 505	38 429,038	849 308,830	22,101	21,636	74	66	61 847	3 395,070	27 818,846	8,194	7,729
25	17	98 433	36 923,773	810 879,791	21,961	21,496	75	67	59 124	3 120,794	24 423,776	7,826	7,361
26	18	98 357	35 476,358	773 956,018	21,816	21,351	76	68	56 264	2 855,584	21 302,982	7,460	6,995
27	19	98 276	34 083,603	738 479,660	21,667	21,202	77	69	53 252	2 598,788	18 447,398	7,098	6,634
28	20	98 192	32 744,909	704 396,057	21,512	21,047	78	70	50 051	2 348,603	15 848,610	6,748	6,283
29	21	98 111	31 459,339	671 651,147	21,350	20,885	79	71	46 701	2 107,152	13 500,007	6,407	5,942
30	22	98 026	30 223,370	640 191,808	21,182	20,717	80	72	43 287	1 877,963	11 392,855	6,067	5,602
31	23	97 939	29 034,954	609 968,438	21,008	20,543	81	73	39 723	1 657,070	9 514,892	5,742	5,277
32	24	97 844	27 891,185	580 933,485	20,829	20,364	82	74	36 112	1 448,499	7 857,822	5,425	4,960
33	25	97 749	26 792,333	553 042,299	20,642	20,177	83	75	32 498	1 253,405	6 409,323	5,114	4,649
34	26	97 656	25 737,413	526 249,966	20,447	19,982	84	76	28 905	1 071,944	5 155,919	4,810	4,345
35	27	97 551	24 720,911	500 512,553	20,247	19,782	85	77	25 347	903,849	4 083,974	4,518	4,054
36	28	97 441	23 743,403	475 791,642	20,039	19,574	86	78	21 837	748,729	3 180,125	4,247	3,783
37	29	97 327	22 803,445	452 048,239	19,824	19,359	87	79	18 459	608,551	2 431,396	3,995	3,531
38	30	97 204	21 898,658	429 244,795	19,601	19,137	88	80	15 245	483,269	1 822,846	3,772	3,307
39	31	97 073	21 027,959	407 346,137	19,372	18,907	89	81	12 384	377,474	1 339,576	3,549	3,084
40	32	96 927	20 188,873	386 318,178	19,135	18,670	90	82	9 836	288,296	962,103	3,337	2,872
41	33	96 762	19 379,197	366 129,305	18,893	18,428	91	83	7 702	217,044	673,807	3,104	2,640
42	34	96 583	18 599,433	346 750,108	18,643	18,178	92	84	5 803	157,242	456,762	2,905	2,440
43	35	96 388	17 847,984	328 150,675	18,386	17,921	93	85	4 206	109,593	299,520	2,733	2,268
44	36	96 162	17 121,220	310 302,691	18,124	17,659	94	86	2 946	73,815	189,928	2,573	2,108
45	37	95 912	16 420,017	293 181,471	17,855	17,390	95	87	1 988	47,900	116,112	2,424	1,959
46	38	95 631	15 742,124	276 761,454	17,581	17,116	96	88	1 281	29,679	68,212	2,298	1,834
47	39	95 311	15 086,065	261 019,330	17,302	16,837	97	89	793	17,673	38,533	2,180	1,716
48	40	94 949	14 450,791	245 933,265	17,019	16,554	98	90	470	10,058	20,860	2,074	1,609
49	41	94 547	13 836,053	231 482,474	16,730	16,266	99	91	267	5,499	10,803	1,964	1,500
							100	92	143	2,829	5,303	1,875	1,410

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	13 252,074	218 598,465	16,495	16,031
1							51	42	93 698	12 677,401	205 346,391	16,198	15,733
2							52	43	93 160	12 119,809	192 668,990	15,897	15,432
3							53	44	92 572	11 580,133	180 549,181	15,591	15,126
4							54	45	91 937	11 058,340	168 969,048	15,280	14,815
5							55	46	91 224	10 550,592	157 910,707	14,967	14,502
6							56	47	90 454	10 059,191	147 360,115	14,649	14,184
7							57	48	89 625	9 583,588	137 300,924	14,327	13,862
8							58	49	88 746	9 124,658	127 717,336	13,997	13,532
9	0	99 469	69 885,345	1 654 623,067	23,676	23,211	59	50	87 778	8 677,935	118 592,678	13,666	13,201
10	1	99 142	66 976,691	1 584 737,722	23,661	23,196	60	51	86 732	8 244,778	109 914,744	13,331	12,867
11	2	99 105	64 376,597	1 517 761,030	23,576	23,111	61	52	85 599	7 824,076	101 669,966	12,995	12,530
12	3	99 079	61 884,577	1 453 384,433	23,485	23,021	62	53	84 402	7 417,963	93 845,889	12,651	12,186
13	4	99 055	59 489,647	1 391 499,856	23,391	22,926	63	54	83 111	7 023,557	86 427,926	12,305	11,841
14	5	99 034	57 189,721	1 332 010,209	23,291	22,826	64	55	81 758	6 643,488	79 404,370	11,952	11,487
15	6	99 009	54 976,074	1 274 820,488	23,189	22,724	65	56	80 293	6 273,506	72 760,882	11,598	11,133
16	7	98 981	52 846,814	1 219 844,414	23,083	22,618	66	57	78 742	5 915,675	66 487,375	11,239	10,774
17	8	98 943	50 794,932	1 166 997,600	22,975	22,510	67	58	77 110	5 570,246	60 571,701	10,874	10,409
18	9	98 904	48 821,572	1 116 202,667	22,863	22,398	68	59	75 374	5 235,467	55 001,455	10,506	10,041
19	10	98 842	46 914,752	1 067 381,095	22,752	22,287	69	60	73 540	4 911,589	49 765,987	10,132	9,668
20	11	98 780	45 082,108	1 020 466,343	22,636	22,171	70	61	71 557	4 595,326	44 854,398	9,761	9,296
21	12	98 714	43 318,844	975 384,235	22,516	22,052	71	62	69 471	4 289,824	40 259,071	9,385	8,920
22	13	98 650	41 626,054	932 065,392	22,391	21,927	72	63	67 252	3 993,057	35 969,247	9,008	8,543
23	14	98 585	39 998,597	890 439,338	22,262	21,797	73	64	64 860	3 702,924	31 976,190	8,635	8,171
24	15	98 519	38 434,249	850 440,741	22,127	21,662	74	65	62 329	3 421,561	28 273,266	8,263	7,798
25	16	98 449	36 929,710	812 006,492	21,988	21,523	75	66	59 614	3 146,659	24 851,704	7,898	7,433
26	17	98 374	35 482,587	775 076,782	21,844	21,379	76	67	56 776	2 881,575	21 705,046	7,532	7,068
27	18	98 297	34 091,050	739 594,195	21,695	21,230	77	68	53 779	2 624,495	18 823,471	7,172	6,707
28	19	98 213	32 751,953	705 503,145	21,541	21,076	78	69	50 606	2 374,648	16 198,976	6,822	6,357
29	20	98 131	31 465,978	672 751,192	21,380	20,915	79	70	47 266	2 132,633	13 824,328	6,482	6,017
30	21	98 048	30 229,904	641 285,214	21,214	20,749	80	71	43 872	1 903,359	11 691,695	6,143	5,678
31	22	97 961	29 041,627	611 055,310	21,041	20,576	81	72	40 347	1 683,117	9 788,336	5,816	5,351
32	23	97 866	27 897,531	582 013,683	20,863	20,398	82	73	36 749	1 474,052	8 105,219	5,499	5,034
33	24	97 771	26 798,426	554 116,152	20,677	20,212	83	74	33 139	1 278,103	6 631,167	5,188	4,723
34	25	97 678	25 743,149	527 317,726	20,484	20,019	84	75	29 564	1 096,373	5 353,064	4,883	4,418
35	26	97 577	24 727,517	501 574,577	20,284	19,819	85	76	26 006	927,355	4 256,692	4,590	4,125
36	27	97 466	23 749,533	476 847,059	20,078	19,613	86	77	22 488	771,055	3 329,336	4,318	3,853
37	28	97 352	22 809,369	453 097,526	19,865	19,400	87	78	19 094	629,486	2 558,282	4,064	3,599
38	29	97 231	21 904,733	430 288,157	19,644	19,179	88	79	15 840	502,124	1 928,795	3,841	3,376
39	30	97 099	21 033,732	408 383,423	19,416	18,951	89	80	12 945	394,588	1 426,671	3,616	3,151
40	31	96 959	20 195,457	387 349,692	19,180	18,715	90	81	10 349	303,309	1 032,083	3,403	2,938
41	32	96 795	19 385,911	367 154,235	18,939	18,474	91	82	8 166	230,131	728,774	3,167	2,702
42	33	96 618	18 606,164	347 768,324	18,691	18,226	92	83	6 206	168,166	498,643	2,965	2,500
43	34	96 427	17 855,230	329 162,160	18,435	17,970	93	84	4 542	118,349	330,477	2,792	2,328
44	35	96 203	17 128,520	311 306,930	18,175	17,710	94	85	3 221	80,699	212,128	2,629	2,164
45	36	95 957	16 427,678	294 178,410	17,907	17,443	95	86	2 201	53,025	131,430	2,479	2,014
46	37	95 681	15 750,420	277 750,732	17,634	17,170	96	87	1 447	33,522	78,405	2,339	1,874
47	38	95 367	15 094,964	262 000,312	17,357	16,892	97	88	907	20,208	44,882	2,221	1,756
48	39	95 016	14 460,961	246 905,348	17,074	16,609	98	89	546	11,692	24,674	2,110	1,646
49	40	94 614	13 845,922	232 444,387	16,788	16,323	99	90	314	6,456	12,982	2,011	1,546
							100	91	173	3,421	6,526	1,908	1,443



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	13 261,526	219 469,897	16,549	16,085
1							51	41	93 776	12 687,944	206 208,371	16,252	15,787
2							52	42	93 248	12 131,285	193 520,427	15,952	15,487
3							53	43	92 670	11 592,370	181 389,142	15,647	15,182
4							54	44	92 041	11 070,860	169 796,772	15,337	14,872
5							55	45	91 348	10 564,882	158 725,913	15,024	14,559
6							56	46	90 595	10 074,816	148 161,031	14,706	14,241
7							57	47	89 781	9 600,249	138 086,215	14,384	13,919
8							58	48	88 911	9 141,597	128 485,966	14,055	13,590
9							59	49	87 962	8 696,127	119 344,369	13,724	13,259
10	0	99 460	67 191,679	1 586 069,466	23,605	23,140	60	50	86 935	8 264,087	110 648,242	13,389	12,924
11	1	99 133	64 394,906	1 518 877,787	23,587	23,122	61	51	85 812	7 843,613	102 384,155	13,053	12,588
12	2	99 095	61 894,555	1 454 482,881	23,499	23,035	62	52	84 636	7 438,574	94 540,542	12,709	12,245
13	3	99 069	59 498,179	1 392 588,326	23,406	22,941	63	53	83 364	7 044,968	87 101,968	12,364	11,899
14	4	99 046	57 196,576	1 333 090,147	23,307	22,842	64	54	82 019	6 664,723	80 057,000	12,012	11,547
15	5	99 018	54 981,048	1 275 893,571	23,206	22,741	65	55	80 583	6 296,157	73 392,277	11,657	11,192
16	6	98 989	52 851,051	1 220 912,523	23,101	22,636	66	56	79 041	5 938,198	67 096,120	11,299	10,834
17	7	98 952	50 799,176	1 168 061,472	22,994	22,529	67	57	77 429	5 593,326	61 157,923	10,934	10,469
18	8	98 910	48 824,605	1 117 262,296	22,883	22,418	68	58	75 719	5 259,449	55 564,597	10,565	10,100
19	9	98 849	46 917,731	1 068 437,691	22,773	22,308	69	59	73 893	4 935,171	50 305,149	10,193	9,728
20	10	98 788	45 085,740	1 021 519,960	22,657	22,192	70	60	71 950	4 620,591	45 369,977	9,819	9,354
21	11	98 721	43 322,284	976 434,221	22,539	22,074	71	61	69 869	4 314,353	40 749,386	9,445	8,980
22	12	98 658	41 629,245	933 111,936	22,415	21,950	72	62	67 677	4 018,271	36 435,033	9,067	8,603
23	13	98 595	40 002,532	891 482,691	22,286	21,821	73	63	65 296	3 727,783	32 416,761	8,696	8,231
24	14	98 531	38 439,007	851 480,159	22,151	21,687	74	64	62 781	3 446,361	28 688,978	8,324	7,860
25	15	98 462	36 934,717	813 041,152	22,013	21,548	75	65	60 079	3 171,211	25 242,617	7,960	7,495
26	16	98 390	35 488,292	776 106,434	21,869	21,405	76	66	57 246	2 905,457	22 071,406	7,597	7,132
27	17	98 314	34 097,035	740 618,143	21,721	21,256	77	67	54 269	2 648,383	19 165,949	7,237	6,772
28	18	98 235	32 759,108	706 521,107	21,567	21,102	78	68	51 106	2 398,138	16 517,566	6,888	6,423
29	19	98 153	31 472,747	673 761,999	21,408	20,943	79	69	47 790	2 156,283	14 119,428	6,548	6,083
30	20	98 068	30 236,283	642 289,252	21,242	20,778	80	70	44 403	1 926,376	11 963,146	6,210	5,745
31	21	97 982	29 047,906	612 052,969	21,070	20,606	81	71	40 893	1 705,878	10 036,770	5,884	5,419
32	22	97 889	27 903,943	583 005,063	20,893	20,428	82	72	37 327	1 497,222	8 330,892	5,564	5,099
33	23	97 793	26 804,523	555 101,120	20,709	20,244	83	73	33 723	1 300,650	6 833,670	5,254	4,789
34	24	97 700	25 749,004	528 296,597	20,517	20,052	84	74	30 146	1 117,977	5 533,020	4,949	4,484
35	25	97 599	24 733,029	502 547,593	20,319	19,854	85	75	26 599	948,489	4 415,044	4,655	4,190
36	26	97 493	23 755,880	477 814,565	20,114	19,649	86	76	23 073	791,107	3 466,555	4,382	3,917
37	27	97 378	22 815,259	454 058,685	19,902	19,437	87	77	19 663	648,256	2 675,448	4,127	3,662
38	28	97 256	21 910,424	431 243,426	19,682	19,217	88	78	16 385	519,398	2 027,192	3,903	3,438
39	29	97 126	21 039,567	409 333,002	19,455	18,991	89	79	13 450	409,983	1 507,793	3,678	3,213
40	30	96 985	20 201,001	388 293,435	19,221	18,757	90	80	10 818	317,061	1 097,810	3,462	2,998
41	31	96 827	19 392,233	368 092,434	18,981	18,517	91	81	8 591	242,115	780,749	3,225	2,760
42	32	96 651	18 612,611	348 700,201	18,735	18,270	92	82	6 580	178,306	538,634	3,021	2,556
43	33	96 462	17 861,692	330 087,590	18,480	18,015	93	83	4 858	126,571	360,328	2,847	2,382
44	34	96 242	17 135,474	312 225,898	18,221	17,756	94	84	3 478	87,146	233,758	2,682	2,218
45	35	95 998	16 434,682	295 090,424	17,955	17,491	95	85	2 406	57,970	146,611	2,529	2,064
46	36	95 726	15 757,768	278 655,742	17,684	17,219	96	86	1 602	37,109	88,642	2,389	1,924
47	37	95 417	15 102,919	262 897,975	17,407	16,942	97	87	1 025	22,825	51,533	2,258	1,793
48	38	95 072	14 469,492	247 795,055	17,125	16,661	98	88	624	13,369	28,708	2,147	1,683
49	39	94 681	13 855,666	233 325,564	16,840	16,375	99	89	364	7,505	15,339	2,044	1,579
							100	90	203	4,016	7,833	1,950	1,486

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	13 270,859	220 267,982	16,598	16,133
1							51	40	93 843	12 696,995	206 997,123	16,303	15,838
2							52	41	93 326	12 141,374	194 300,128	16,003	15,538
3							53	42	92 758	11 603,346	182 158,754	15,699	15,234
4							54	43	92 138	11 082,558	170 555,408	15,390	14,925
5							55	44	91 451	10 576,842	159 472,851	15,078	14,613
6							56	45	90 718	10 088,461	148 896,008	14,759	14,294
7							57	46	89 920	9 615,161	138 807,547	14,436	13,971
8							58	47	89 066	9 157,489	129 192,386	14,108	13,643
9							59	48	88 125	8 712,271	120 034,897	13,778	13,313
10							60	49	87 117	8 281,412	111 322,626	13,442	12,978
11	0	99 451	64 601,607	1 520 108,861	23,531	23,066	61	50	86 013	7 861,982	103 041,214	13,106	12,641
12	1	99 123	61 912,159	1 455 507,254	23,509	23,044	62	51	84 848	7 457,148	95 179,232	12,763	12,299
13	2	99 085	59 507,772	1 393 595,095	23,419	22,954	63	52	83 596	7 064,542	87 722,084	12,417	11,952
14	3	99 060	57 204,778	1 334 087,323	23,321	22,856	64	53	82 269	6 685,040	80 657,541	12,065	11,601
15	4	99 030	54 987,638	1 276 882,545	23,221	22,756	65	54	80 840	6 316,282	73 972,501	11,711	11,247
16	5	98 998	52 855,833	1 221 894,907	23,118	22,653	66	55	79 327	5 959,638	67 656,220	11,352	10,888
17	6	98 960	50 803,250	1 169 039,074	23,011	22,546	67	56	77 724	5 614,621	61 696,582	10,989	10,524
18	7	98 918	48 828,684	1 118 235,825	22,901	22,436	68	57	76 033	5 281,241	56 081,961	10,619	10,154
19	8	98 855	46 920,645	1 069 407,141	22,792	22,327	69	58	74 231	4 957,777	50 800,720	10,247	9,782
20	9	98 795	45 088,602	1 022 486,496	22,677	22,212	70	59	72 296	4 642,776	45 842,943	9,874	9,409
21	10	98 729	43 325,775	977 397,894	22,559	22,094	71	60	70 253	4 338,073	41 200,167	9,497	9,033
22	11	98 666	41 632,552	934 072,119	22,436	21,971	72	61	68 064	4 041,248	36 862,094	9,121	8,657
23	12	98 602	40 005,599	892 439,567	22,308	21,843	73	62	65 708	3 751,322	32 820,846	8,749	8,284
24	13	98 541	38 442,789	852 433,969	22,174	21,709	74	63	63 202	3 469,498	29 069,524	8,379	7,914
25	14	98 474	36 939,290	813 991,180	22,036	21,571	75	64	60 515	3 194,196	25 600,027	8,015	7,550
26	15	98 404	35 493,103	777 051,890	21,893	21,428	76	65	57 693	2 928,128	22 405,830	7,652	7,187
27	16	98 330	34 102,518	741 558,786	21,745	21,280	77	66	54 718	2 670,332	19 477,703	7,294	6,829
28	17	98 252	32 764,860	707 456,268	21,592	21,127	78	67	51 571	2 419,965	16 807,370	6,945	6,480
29	18	98 174	31 479,623	674 691,409	21,433	20,968	79	68	48 263	2 177,613	14 387,405	6,607	6,142
30	19	98 089	30 242,787	643 211,786	21,268	20,803	80	69	44 895	1 947,738	12 209,793	6,269	5,804
31	20	98 003	29 054,036	612 968,998	21,098	20,633	81	70	41 387	1 726,507	10 262,055	5,944	5,479
32	21	97 910	27 909,976	583 914,962	20,921	20,457	82	71	37 832	1 517,469	8 535,548	5,625	5,160
33	22	97 816	26 810,684	556 004,987	20,738	20,273	83	72	34 253	1 321,094	7 018,079	5,312	4,848
34	23	97 722	25 754,862	529 194,303	20,547	20,083	84	73	30 678	1 137,699	5 696,984	5,007	4,543
35	24	97 621	24 738,653	503 439,441	20,350	19,885	85	74	27 123	967,179	4 559,285	4,714	4,249
36	25	97 514	23 761,175	478 700,788	20,146	19,682	86	75	23 599	809,136	3 592,107	4,439	3,975
37	26	97 404	22 821,355	454 939,613	19,935	19,470	87	76	20 174	665,115	2 782,971	4,184	3,719
38	27	97 281	21 916,081	432 118,258	19,717	19,252	88	77	16 873	534,886	2 117,856	3,959	3,495
39	28	97 152	21 045,033	410 202,176	19,492	19,027	89	78	13 913	424,088	1 582,970	3,733	3,268
40	29	97 012	20 206,605	389 157,143	19,259	18,794	90	79	11 240	329,431	1 158,882	3,518	3,053
41	30	96 853	19 397,557	368 950,538	19,020	18,556	91	80	8 981	253,093	829,451	3,277	2,812
42	31	96 683	18 618,681	349 552,981	18,774	18,309	92	81	6 923	187,591	576,359	3,072	2,608
43	32	96 495	17 867,881	330 934,300	18,521	18,056	93	82	5 151	134,202	388,768	2,897	2,432
44	33	96 276	17 141,675	313 066,419	18,263	17,799	94	83	3 720	93,200	254,566	2,731	2,267
45	34	96 037	16 441,354	295 924,744	17,999	17,534	95	84	2 599	62,601	161,365	2,578	2,113
46	35	95 766	15 764,486	279 483,390	17,729	17,264	96	85	1 751	40,569	98,764	2,434	1,970
47	36	95 462	15 109,965	263 718,904	17,453	16,988	97	86	1 134	25,267	58,195	2,303	1,838
48	37	95 122	14 477,117	248 608,939	17,173	16,708	98	87	705	15,100	32,928	2,181	1,716
49	38	94 736	13 863,840	234 131,822	16,888	16,423	99	88	417	8,582	17,827	2,077	1,612
							100	89	236	4,669	9,245	1,980	1,515

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	13 278,688	220 998,066	16,643	16,178
1							51	39	93 909	12 705,930	207 719,378	16,348	15,883
2							52	40	93 392	12 150,035	195 013,448	16,050	15,586
3							53	41	92 835	11 612,996	182 863,413	15,746	15,282
4							54	42	92 226	11 093,051	171 250,417	15,438	14,973
5							55	43	91 548	10 588,019	160 157,366	15,126	14,661
6							56	44	90 820	10 099,883	149 569,348	14,809	14,344
7							57	45	90 042	9 628,184	139 469,465	14,486	14,021
8							58	46	89 204	9 171,713	129 841,281	14,157	13,692
9							59	47	88 278	8 727,417	120 669,568	13,826	13,362
10							60	48	87 279	8 296,786	111 942,151	13,492	13,027
11							61	49	86 194	7 878,465	103 645,366	13,156	12,691
12	0	99 442	62 110,890	1 456 645,581	23,452	22,988	62	50	85 046	7 474,612	95 766,901	12,812	12,347
13	1	99 113	59 524,697	1 394 534,691	23,428	22,963	63	51	83 805	7 082,183	88 292,289	12,467	12,002
14	2	99 076	57 214,002	1 335 009,994	23,334	22,869	64	52	82 498	6 703,615	81 210,106	12,114	11,650
15	3	99 044	54 995,523	1 277 795,992	23,235	22,770	65	53	81 087	6 335,537	74 506,492	11,760	11,295
16	4	99 010	52 862,168	1 222 800,468	23,132	22,667	66	54	79 580	5 978,687	68 170,955	11,402	10,938
17	5	98 969	50 807,846	1 169 938,300	23,027	22,562	67	55	78 004	5 634,893	62 192,268	11,037	10,572
18	6	98 926	48 832,599	1 119 130,455	22,918	22,453	68	56	76 323	5 301,348	56 557,375	10,668	10,204
19	7	98 863	46 924,565	1 070 297,856	22,809	22,344	69	57	74 539	4 978,319	51 256,027	10,296	9,831
20	8	98 801	45 091,403	1 023 373,290	22,696	22,231	70	58	72 627	4 664,042	46 277,708	9,922	9,457
21	9	98 736	43 328,525	978 281,887	22,578	22,113	71	59	70 590	4 358,902	41 613,666	9,547	9,082
22	10	98 674	41 635,906	934 953,362	22,455	21,991	72	60	68 438	4 063,466	37 254,764	9,168	8,703
23	11	98 610	40 008,776	893 317,456	22,328	21,863	73	61	66 084	3 772,772	33 191,298	8,798	8,333
24	12	98 548	38 445,736	853 308,680	22,195	21,730	74	62	63 602	3 491,405	29 418,526	8,426	7,961
25	13	98 484	36 942,924	814 862,944	22,057	21,593	75	63	60 921	3 215,640	25 927,121	8,063	7,598
26	14	98 416	35 497,498	777 920,020	21,915	21,450	76	64	58 111	2 949,351	22 711,481	7,701	7,236
27	15	98 343	34 107,141	742 422,522	21,767	21,303	77	65	55 145	2 691,168	19 762,130	7,343	6,879
28	16	98 268	32 770,128	708 315,381	21,615	21,150	78	66	51 999	2 440,021	17 070,961	6,996	6,531
29	17	98 191	31 485,150	675 545,252	21,456	20,991	79	67	48 702	2 197,433	14 630,940	6,658	6,193
30	18	98 111	30 249,395	644 060,103	21,292	20,827	80	68	45 339	1 967,005	12 433,507	6,321	5,856
31	19	98 024	29 060,286	613 810,708	21,122	20,657	81	69	41 846	1 745,652	10 466,502	5,996	5,531
32	20	97 930	27 915,866	584 750,422	20,947	20,482	82	70	38 289	1 535,819	8 720,850	5,678	5,213
33	21	97 837	26 816,480	556 834,557	20,765	20,300	83	71	34 716	1 338,960	7 185,030	5,366	4,901
34	22	97 745	25 760,781	530 018,077	20,575	20,110	84	72	31 160	1 155,582	5 846,070	5,059	4,594
35	23	97 643	24 744,281	504 257,295	20,379	19,914	85	73	27 602	984,241	4 690,488	4,766	4,301
36	24	97 536	23 766,578	479 513,014	20,176	19,711	86	74	24 064	825,080	3 706,248	4,492	4,027
37	25	97 425	22 826,442	455 746,435	19,966	19,501	87	75	20 634	680,273	2 881,168	4,235	3,770
38	26	97 307	21 921,938	432 919,993	19,748	19,283	88	76	17 312	548,796	2 200,896	4,010	3,546
39	27	97 177	21 050,467	410 998,055	19,524	19,060	89	77	14 328	436,733	1 652,099	3,783	3,318
40	28	97 038	20 211,855	389 947,588	19,293	18,828	90	78	11 627	340,764	1 215,366	3,567	3,102
41	29	96 880	19 402,938	369 735,733	19,056	18,591	91	79	9 331	262,967	874,602	3,326	2,861
42	30	96 709	18 623,792	350 332,795	18,811	18,346	92	80	7 237	196,096	611,635	3,119	2,654
43	31	96 527	17 873,708	331 709,003	18,558	18,094	93	81	5 419	141,191	415,539	2,943	2,478
44	32	96 310	17 147,614	313 835,295	18,302	17,837	94	82	3 944	98,820	274,348	2,776	2,311
45	33	96 072	16 447,304	296 687,680	18,039	17,574	95	83	2 779	66,950	175,528	2,622	2,157
46	34	95 805	15 770,886	280 240,376	17,769	17,305	96	84	1 891	43,811	108,578	2,478	2,014
47	35	95 503	15 116,407	264 469,490	17,496	17,031	97	85	1 240	27,623	64,767	2,345	1,880
48	36	95 167	14 483,871	249 353,083	17,216	16,751	98	86	781	16,716	37,144	2,222	1,757
49	37	94 786	13 871,146	234 869,212	16,932	16,467	99	87	471	9,693	20,428	2,107	1,643
							100	88	270	5,338	10,734	2,011	1,546

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	13 285,686	221 665,703	16,685	16,220
1							51	38	93 964	12 713,426	208 380,018	16,391	15,926
2							52	39	93 458	12 158,585	195 666,592	16,093	15,628
3							53	40	92 901	11 621,280	183 508,007	15,791	15,326
4							54	41	92 302	11 102,277	171 886,727	15,482	15,017
5							55	42	91 635	10 598,044	160 784,450	15,171	14,706
6							56	43	90 916	10 110,555	150 186,407	14,854	14,390
7							57	44	90 144	9 639,084	140 075,852	14,532	14,067
8							58	45	89 325	9 184,135	130 436,768	14,202	13,738
9							59	46	88 415	8 740,973	121 252,633	13,872	13,407
10							60	47	87 431	8 311,209	112 511,660	13,537	13,073
11							61	48	86 354	7 893,090	104 200,451	13,201	12,737
12							62	49	85 225	7 490,283	96 307,360	12,858	12,393
13	0	99 431	59 715,764	1 395 587,624	23,371	22,906	63	50	84 001	7 098,769	88 817,078	12,512	12,047
14	1	99 104	57 230,275	1 335 871,859	23,342	22,877	64	51	82 704	6 720,354	81 718,309	12,160	11,695
15	2	99 060	55 004,391	1 278 641,585	23,246	22,781	65	52	81 312	6 353,140	74 997,956	11,805	11,340
16	3	99 024	52 869,749	1 223 637,194	23,144	22,680	66	53	79 823	5 996,912	68 644,816	11,447	10,982
17	4	98 980	50 813,936	1 170 767,445	23,040	22,575	67	54	78 254	5 652,904	62 647,903	11,082	10,618
18	5	98 935	48 837,017	1 119 953,509	22,932	22,468	68	55	76 598	5 320,489	56 994,999	10,712	10,248
19	6	98 871	46 928,328	1 071 116,493	22,825	22,360	69	56	74 823	4 997,273	51 674,511	10,341	9,876
20	7	98 809	45 095,170	1 024 188,164	22,712	22,247	70	57	72 928	4 683,367	46 677,238	9,967	9,502
21	8	98 742	43 331,217	979 092,994	22,596	22,131	71	58	70 914	4 378,868	41 993,870	9,590	9,125
22	9	98 680	41 638,549	935 761,778	22,473	22,009	72	59	68 767	4 082,976	37 615,002	9,213	8,748
23	10	98 618	40 011,999	894 123,228	22,346	21,882	73	60	66 447	3 793,514	33 532,026	8,839	8,374
24	11	98 556	38 448,790	854 111,229	22,214	21,749	74	61	63 965	3 511,369	29 738,512	8,469	8,004
25	12	98 491	36 945,756	815 662,439	22,077	21,612	75	62	61 306	3 235,945	26 227,143	8,105	7,640
26	13	98 425	35 500,990	778 716,683	21,935	21,470	76	63	58 501	2 969,151	22 991,198	7,743	7,279
27	14	98 356	34 111,364	743 215,693	21,788	21,323	77	64	55 545	2 710,674	20 022,047	7,386	6,922
28	15	98 281	32 774,571	709 104,329	21,636	21,171	78	65	52 405	2 459,061	17 311,373	7,040	6,575
29	16	98 207	31 490,212	676 329,758	21,477	21,013	79	66	49 106	2 215,645	14 852,312	6,703	6,239
30	17	98 128	30 254,706	644 839,545	21,314	20,849	80	67	45 752	1 984,908	12 636,668	6,366	5,902
31	18	98 046	29 066,635	614 584,840	21,144	20,679	81	68	42 260	1 762,921	10 651,759	6,042	5,577
32	19	97 952	27 921,870	585 518,205	20,970	20,505	82	69	38 714	1 552,851	8 888,839	5,724	5,259
33	20	97 857	26 822,139	557 596,335	20,789	20,324	83	70	35 136	1 355,152	7 335,988	5,413	4,949
34	21	97 766	25 766,351	530 774,195	20,600	20,135	84	71	31 582	1 171,209	5 980,837	5,107	4,642
35	22	97 666	24 749,969	505 007,845	20,404	19,940	85	72	28 036	999,711	4 809,627	4,811	4,346
36	23	97 559	23 771,985	480 257,876	20,203	19,738	86	73	24 488	839,635	3 809,916	4,538	4,073
37	24	97 447	22 831,633	456 485,890	19,994	19,529	87	74	21 041	693,677	2 970,281	4,282	3,817
38	25	97 329	21 926,824	433 654,257	19,777	19,313	88	75	17 706	561,303	2 276,604	4,056	3,591
39	26	97 203	21 056,092	411 727,433	19,554	19,089	89	76	14 701	448,091	1 715,301	3,828	3,363
40	27	97 063	20 217,074	390 671,341	19,324	18,859	90	77	11 973	350,925	1 267,210	3,611	3,146
41	28	96 905	19 407,979	370 454,267	19,088	18,623	91	78	9 652	272,014	916,285	3,369	2,904
42	29	96 736	18 628,959	351 046,288	18,844	18,379	92	79	7 519	203,747	644,271	3,162	2,697
43	30	96 553	17 878,615	332 417,329	18,593	18,128	93	80	5 665	147,592	440,524	2,985	2,520
44	31	96 341	17 153,207	314 538,714	18,337	17,872	94	81	4 150	103,966	292,932	2,818	2,353
45	32	96 105	16 453,003	297 385,507	18,075	17,610	95	82	2 947	70,987	188,966	2,662	2,197
46	33	95 840	15 776,594	280 932,505	17,807	17,342	96	83	2 023	46,854	117,979	2,518	2,053
47	34	95 541	15 122,544	265 155,911	17,534	17,069	97	84	1 339	29,830	71,124	2,384	1,919
48	35	95 207	14 490,046	250 033,367	17,256	16,791	98	85	853	18,275	41,294	2,260	1,795
49	36	94 831	13 877,617	235 543,321	16,973	16,508	99	86	521	10,731	23,019	2,145	1,680
							100	87	305	6,030	12,289	2,038	1,573

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	13 291,884	222 275,995	16,723	16,258
1							51	37	94 014	12 720,125	208 984,112	16,429	15,965
2							52	38	93 513	12 165,758	196 263,986	16,132	15,668
3							53	39	92 966	11 629,458	184 098,229	15,830	15,366
4							54	40	92 368	11 110,196	172 468,770	15,523	15,059
5							55	41	91 711	10 606,858	161 358,574	15,213	14,748
6							56	42	91 002	10 120,128	150 751,716	14,896	14,431
7							57	43	90 239	9 649,269	140 631,588	14,574	14,110
8							58	44	89 426	9 194,533	130 982,319	14,246	13,781
9							59	45	88 535	8 752,812	121 787,787	13,914	13,449
10							60	46	87 567	8 324,119	113 034,975	13,579	13,114
11							61	47	86 504	7 906,812	104 710,856	13,243	12,778
12							62	48	85 383	7 504,187	96 804,044	12,900	12,435
13							63	49	84 177	7 113,651	89 299,856	12,553	12,088
14	0	99 422	57 413,977	1 336 846,200	23,284	22,820	64	50	82 898	6 736,092	82 186,206	12,201	11,736
15	1	99 088	55 020,035	1 279 432,222	23,254	22,789	65	51	81 515	6 369,004	75 450,113	11,846	11,382
16	2	99 040	52 878,274	1 224 412,187	23,155	22,690	66	52	80 045	6 013,575	69 081,109	11,488	11,023
17	3	98 995	50 821,223	1 171 533,914	23,052	22,587	67	53	78 492	5 670,137	63 067,534	11,123	10,658
18	4	98 947	48 842,871	1 120 712,691	22,945	22,480	68	54	76 843	5 337,495	57 397,398	10,754	10,289
19	5	98 880	46 932,574	1 071 869,821	22,839	22,374	69	55	75 093	5 015,316	52 059,903	10,380	9,915
20	6	98 817	45 098,786	1 024 937,247	22,726	22,262	70	56	73 205	4 701,198	47 044,587	10,007	9,542
21	7	98 750	43 334,837	979 838,461	22,611	22,146	71	57	71 207	4 397,011	42 343,389	9,630	9,165
22	8	98 686	41 641,136	936 503,624	22,490	22,025	72	58	69 082	4 101,678	37 946,378	9,251	8,787
23	9	98 624	40 014,540	894 862,488	22,363	21,899	73	59	66 766	3 811,728	33 844,700	8,879	8,414
24	10	98 564	38 451,887	854 847,948	22,232	21,767	74	60	64 317	3 530,674	30 032,971	8,506	8,041
25	11	98 499	36 948,691	816 396,061	22,095	21,631	75	61	61 656	3 254,448	26 502,297	8,143	7,679
26	12	98 433	35 503,712	779 447,370	21,954	21,489	76	62	58 871	2 987,899	23 247,849	7,781	7,316
27	13	98 365	34 114,720	743 943,659	21,807	21,342	77	63	55 918	2 728,872	20 259,949	7,424	6,959
28	14	98 293	32 778,629	709 828,939	21,655	21,190	78	64	52 784	2 476,884	17 531,078	7,078	6,613
29	15	98 220	31 494,482	677 050,310	21,497	21,033	79	65	49 489	2 232,933	15 054,194	6,742	6,277
30	16	98 144	30 259,570	645 555,828	21,334	20,869	80	66	46 131	2 001,359	12 821,261	6,406	5,941
31	17	98 063	29 071,738	615 296,258	21,165	20,700	81	67	42 645	1 778,966	10 819,902	6,082	5,617
32	18	97 973	27 927,971	586 224,520	20,991	20,526	82	68	39 097	1 568,211	9 040,936	5,765	5,300
33	19	97 878	26 827,909	558 296,549	20,810	20,345	83	69	35 526	1 370,179	7 472,724	5,454	4,989
34	20	97 786	25 771,788	531 468,640	20,622	20,157	84	70	31 964	1 185,372	6 102,545	5,148	4,683
35	21	97 687	24 755,320	505 696,852	20,428	19,963	85	71	28 415	1 013,231	4 917,173	4,853	4,388
36	22	97 581	23 777,449	480 941,533	20,227	19,762	86	72	24 873	852,833	3 903,942	4,578	4,113
37	23	97 470	22 836,827	457 164,083	20,019	19,554	87	73	21 412	705,915	3 051,109	4,322	3,857
38	24	97 351	21 931,811	434 327,256	19,804	19,339	88	74	18 055	572,363	2 345,194	4,097	3,633
39	25	97 224	21 060,786	412 395,445	19,581	19,116	89	75	15 036	458,303	1 772,831	3,868	3,403
40	26	97 089	20 222,476	391 334,660	19,351	18,887	90	76	12 285	360,051	1 314,528	3,651	3,186
41	27	96 930	19 412,990	371 112,183	19,117	18,652	91	77	9 940	280,125	954,477	3,407	2,943
42	28	96 761	18 633,799	351 699,193	18,874	18,409	92	78	7 778	210,756	674,353	3,200	2,735
43	29	96 580	17 883,575	333 065,394	18,624	18,159	93	79	5 886	153,351	463,596	3,023	2,558
44	30	96 368	17 157,916	315 181,819	18,369	17,905	94	80	4 338	108,680	310,246	2,855	2,390
45	31	96 136	16 458,369	298 023,904	18,108	17,643	95	81	3 100	74,684	201,566	2,699	2,234
46	32	95 873	15 782,060	281 565,535	17,841	17,376	96	82	2 145	49,680	126,882	2,554	2,089
47	33	95 576	15 128,017	265 783,475	17,569	17,104	97	83	1 432	31,903	77,203	2,420	1,955
48	34	95 246	14 495,929	250 655,458	17,291	16,827	98	84	922	19,735	45,300	2,295	1,831
49	35	94 871	13 883,534	236 159,529	17,010	16,545	99	85	570	11,731	25,565	2,179	1,714
							100	86	337	6,675	13,834	2,073	1,608

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	13 297,551	222 833,842	16,758	16,293
1							51	36	94 058	12 726,060	209 536,292	16,465	16,000
2							52	37	93 562	12 172,169	196 810,232	16,169	15,704
3							53	38	93 021	11 636,319	184 638,063	15,867	15,403
4							54	39	92 433	11 118,015	173 001,745	15,560	15,096
5							55	40	91 776	10 614,424	161 883,730	15,251	14,786
6							56	41	91 078	10 128,545	151 269,306	14,935	14,470
7							57	42	90 325	9 658,405	141 140,762	14,613	14,148
8							58	43	89 520	9 204,248	131 482,356	14,285	13,820
9							59	44	88 635	8 762,721	122 278,108	13,954	13,490
10							60	45	87 685	8 335,393	113 515,387	13,618	13,154
11							61	46	86 638	7 919,094	105 179,994	13,282	12,817
12							62	47	85 531	7 517,233	97 260,900	12,938	12,474
13							63	48	84 333	7 126,857	89 743,667	12,592	12,127
14							64	49	83 071	6 750,214	82 616,810	12,239	11,774
15	0	99 406	55 196,643	1 280 334,218	23,196	22,731	65	50	81 706	6 383,920	75 866,596	11,884	11,419
16	1	99 068	52 893,313	1 225 137,575	23,162	22,698	66	51	80 245	6 028,591	69 482,676	11,526	11,061
17	2	99 011	50 829,417	1 172 244,262	23,062	22,597	67	52	78 710	5 685,891	63 454,086	11,160	10,695
18	3	98 961	48 849,875	1 121 414,845	22,956	22,492	68	53	77 077	5 353,766	57 768,194	10,790	10,325
19	4	98 892	46 938,199	1 072 564,970	22,851	22,386	69	54	75 333	5 031,347	52 414,429	10,418	9,953
20	5	98 826	45 102,866	1 025 626,771	22,740	22,275	70	55	73 470	4 718,172	47 383,082	10,043	9,578
21	6	98 758	43 338,312	980 523,905	22,625	22,160	71	56	71 478	4 413,752	42 664,910	9,666	9,202
22	7	98 694	41 644,615	937 185,593	22,504	22,040	72	57	69 368	4 118,673	38 251,158	9,287	8,822
23	8	98 631	40 017,025	895 540,978	22,379	21,914	73	58	67 072	3 829,188	34 132,485	8,914	8,449
24	9	98 570	38 454,328	855 523,953	22,248	21,783	74	59	64 626	3 547,626	30 303,297	8,542	8,077
25	10	98 507	36 951,668	817 069,625	22,112	21,647	75	60	61 995	3 272,341	26 755,671	8,176	7,711
26	11	98 441	35 506,531	780 117,957	21,971	21,506	76	61	59 207	3 004,984	23 483,330	7,815	7,350
27	12	98 373	34 117,335	744 611,425	21,825	21,360	77	62	56 271	2 746,103	20 478,346	7,457	6,992
28	13	98 303	32 781,854	710 494,090	21,673	21,209	78	63	53 139	2 493,512	17 732,243	7,111	6,647
29	14	98 232	31 498,381	677 712,236	21,516	21,051	79	64	49 848	2 249,117	15 238,731	6,775	6,311
30	15	98 157	30 263,673	646 213,855	21,353	20,888	80	65	46 491	2 016,975	12 989,613	6,440	5,975
31	16	98 079	29 076,412	615 950,183	21,184	20,719	81	66	42 998	1 793,710	10 972,638	6,117	5,652
32	17	97 990	27 932,874	586 873,770	21,010	20,545	82	67	39 452	1 582,485	9 178,928	5,800	5,336
33	18	97 900	26 833,770	558 940,896	20,830	20,365	83	68	35 877	1 383,733	7 596,443	5,490	5,025
34	19	97 807	25 777,332	532 107,126	20,642	20,178	84	69	32 318	1 198,517	6 212,710	5,184	4,719
35	20	97 707	24 760,544	506 329,794	20,449	19,984	85	70	28 758	1 025,484	5 014,193	4,890	4,425
36	21	97 602	23 782,590	481 569,250	20,249	19,784	86	71	25 210	864,366	3 988,709	4,615	4,150
37	22	97 492	22 842,076	457 786,660	20,041	19,577	87	72	21 748	717,010	3 124,343	4,357	3,893
38	23	97 373	21 936,800	434 944,584	19,827	19,362	88	73	18 374	582,460	2 407,333	4,133	3,668
39	24	97 246	21 065,575	413 007,784	19,606	19,141	89	74	15 332	467,333	1 824,872	3,905	3,440
40	25	97 110	20 226,984	391 942,209	19,377	18,912	90	75	12 565	368,256	1 357,539	3,686	3,222
41	26	96 956	19 418,178	371 715,225	19,143	18,678	91	76	10 198	287,410	989,282	3,442	2,977
42	27	96 786	18 638,610	352 297,047	18,901	18,437	92	77	8 010	217,040	701,873	3,234	2,769
43	28	96 605	17 888,221	333 658,437	18,652	18,188	93	78	6 088	158,626	484,832	3,056	2,592
44	29	96 394	17 162,676	315 770,216	18,399	17,934	94	79	4 507	112,920	326,206	2,889	2,424
45	30	96 163	16 462,887	298 607,540	18,138	17,673	95	80	3 241	78,070	213,286	2,732	2,267
46	31	95 904	15 787,207	282 144,653	17,872	17,407	96	81	2 256	52,266	135,216	2,587	2,122
47	32	95 609	15 133,259	266 357,447	17,601	17,136	97	82	1 519	33,826	82,950	2,452	1,987
48	33	95 280	14 501,175	251 224,188	17,324	16,860	98	83	986	21,106	49,123	2,327	1,863
49	34	94 910	13 889,170	236 723,013	17,044	16,579	99	84	615	12,668	28,017	2,212	1,747
							100	85	369	7,297	15,349	2,103	1,639

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	13 302,949	223 343,956	16,789	16,324
1							51	35	94 098	12 731,485	210 041,007	16,498	16,033
2							52	36	93 606	12 177,848	197 309,522	16,202	15,738
3							53	37	93 070	11 642,451	185 131,674	15,901	15,437
4							54	38	92 488	11 124,574	173 489,223	15,595	15,130
5							55	39	91 841	10 621,894	162 364,650	15,286	14,821
6							56	40	91 143	10 135,769	151 742,756	14,971	14,506
7							57	41	90 400	9 666,438	141 606,987	14,649	14,185
8							58	42	89 605	9 212,963	131 940,549	14,321	13,856
9							59	43	88 729	8 771,980	122 727,586	13,991	13,526
10							60	44	87 784	8 344,830	113 955,605	13,656	13,191
11							61	45	86 755	7 929,819	105 610,776	13,318	12,853
12							62	46	85 664	7 528,910	97 680,956	12,974	12,509
13							63	47	84 480	7 139,246	90 152,047	12,628	12,163
14							64	48	83 226	6 762,745	83 012,800	12,275	11,810
15							65	49	81 877	6 397,303	76 250,055	11,919	11,454
16	0	99 386	53 063,094	1 225 972,976	23,104	22,639	66	50	80 433	6 042,709	69 852,752	11,560	11,095
17	1	99 039	50 843,874	1 172 909,882	23,069	22,604	67	51	78 907	5 700,089	63 810,042	11,195	10,730
18	2	98 977	48 857,752	1 122 066,008	22,966	22,501	68	52	77 291	5 368,641	58 109,953	10,824	10,359
19	3	98 906	46 944,930	1 073 208,257	22,861	22,396	69	53	75 563	5 046,684	52 741,312	10,451	9,986
20	4	98 838	45 108,272	1 026 263,327	22,751	22,286	70	54	73 704	4 733,253	47 694,628	10,077	9,612
21	5	98 767	43 342,232	981 155,054	22,637	22,173	71	55	71 737	4 429,688	42 961,375	9,699	9,234
22	6	98 702	41 647,954	937 812,822	22,518	22,053	72	56	69 632	4 134,354	38 531,687	9,320	8,855
23	7	98 639	40 020,369	896 164,868	22,393	21,928	73	57	67 350	3 845,054	34 397,332	8,946	8,481
24	8	98 576	38 456,717	856 144,499	22,263	21,798	74	58	64 922	3 563,876	30 552,279	8,573	8,108
25	9	98 513	36 954,014	817 687,782	22,127	21,662	75	59	62 293	3 288,052	26 988,402	8,208	7,743
26	10	98 449	35 509,392	780 733,768	21,987	21,522	76	60	59 533	3 021,505	23 700,350	7,844	7,379
27	11	98 381	34 120,045	745 224,376	21,841	21,376	77	61	56 593	2 761,805	20 678,845	7,487	7,023
28	12	98 311	32 784,367	711 104,331	21,690	21,226	78	62	53 474	2 509,257	17 917,040	7,140	6,676
29	13	98 242	31 501,480	678 319,964	21,533	21,068	79	63	50 182	2 264,216	15 407,782	6,805	6,340
30	14	98 169	30 267,420	646 818,484	21,370	20,905	80	64	46 828	2 031,594	13 143,566	6,470	6,005
31	15	98 092	29 080,355	616 551,065	21,202	20,737	81	65	43 334	1 807,706	11 111,972	6,147	5,682
32	16	98 006	27 937,365	587 470,710	21,028	20,563	82	66	39 779	1 595,600	9 304,266	5,831	5,366
33	17	97 917	26 838,481	559 533,345	20,848	20,383	83	67	36 204	1 396,328	7 708,665	5,521	5,056
34	18	97 829	25 782,964	532 694,863	20,661	20,196	84	68	32 638	1 210,373	6 312,338	5,215	4,750
35	19	97 728	24 765,870	506 911,899	20,468	20,003	85	69	29 077	1 036,856	5 101,965	4,921	4,456
36	20	97 623	23 787,609	482 146,030	20,269	19,804	86	70	25 514	874,818	4 065,109	4,647	4,182
37	21	97 513	22 847,015	458 358,421	20,062	19,597	87	71	22 042	726,707	3 190,291	4,390	3,925
38	22	97 396	21 941,842	435 511,406	19,848	19,384	88	72	18 663	591,616	2 463,584	4,164	3,699
39	23	97 269	21 070,367	413 569,564	19,628	19,163	89	73	15 602	475,578	1 871,968	3,936	3,471
40	24	97 132	20 231,583	392 499,196	19,400	18,935	90	74	12 812	375,513	1 396,390	3,719	3,254
41	25	96 978	19 422,506	372 267,613	19,167	18,702	91	75	10 431	293,960	1 020,878	3,473	3,008
42	26	96 812	18 643,591	352 845,106	18,926	18,461	92	76	8 218	222,685	726,918	3,264	2,800
43	27	96 630	17 892,840	334 201,516	18,678	18,213	93	77	6 270	163,356	504,233	3,087	2,622
44	28	96 419	17 167,135	316 308,676	18,425	17,960	94	78	4 662	116,805	340,877	2,918	2,454
45	29	96 189	16 467,454	299 141,541	18,166	17,701	95	79	3 367	81,116	224,072	2,762	2,298
46	30	95 931	15 791,541	282 674,087	17,900	17,436	96	80	2 359	54,636	142,956	2,617	2,152
47	31	95 640	15 138,194	266 882,546	17,630	17,165	97	81	1 598	35,588	88,320	2,482	2,017
48	32	95 313	14 506,199	251 744,352	17,354	16,889	98	82	1 045	22,379	52,732	2,356	1,892
49	33	94 944	13 894,197	237 238,153	17,075	16,610	99	83	658	13,549	30,354	2,240	1,776
							100	84	398	7,880	16,805	2,133	1,668

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	13 307,764	223 810,294	16,818	16,353
1							51	34	94 136	12 736,654	210 502,530	16,527	16,062
2							52	35	93 646	12 183,039	197 765,876	16,233	15,768
3							53	36	93 114	11 647,882	185 582,837	15,933	15,468
4							54	37	92 536	11 130,436	173 934,954	15,627	15,162
5							55	38	91 895	10 628,160	162 804,518	15,318	14,853
6							56	39	91 207	10 142,902	152 176,359	15,003	14,538
7							57	40	90 464	9 673,333	142 033,456	14,683	14,218
8							58	41	89 680	9 220,625	132 360,123	14,355	13,890
9							59	42	88 813	8 780,286	123 139,498	14,025	13,560
10							60	43	87 877	8 353,647	114 359,212	13,690	13,225
11							61	44	86 854	7 938,797	106 005,564	13,353	12,888
12							62	45	85 780	7 539,107	98 066,768	13,008	12,543
13							63	46	84 611	7 150,336	90 527,661	12,661	12,196
14							64	47	83 370	6 774,502	83 377,325	12,308	11,843
15							65	48	82 029	6 409,179	76 602,823	11,952	11,487
16							66	49	80 601	6 055,378	70 193,644	11,592	11,127
17	0	99 357	51 007,077	1 173 683,953	23,010	22,545	67	50	79 092	5 713,438	64 138,266	11,226	10,761
18	1	99 005	48 871,647	1 122 676,876	22,972	22,507	68	51	77 484	5 382,047	58 424,828	10,856	10,391
19	2	98 922	46 952,500	1 073 805,228	22,870	22,405	69	52	75 772	5 060,707	53 042,781	10,481	10,016
20	3	98 852	45 114,741	1 026 852,729	22,761	22,296	70	53	73 929	4 747,682	47 982,074	10,106	9,642
21	4	98 779	43 347,428	981 737,988	22,648	22,183	71	54	71 966	4 443,847	43 234,392	9,729	9,264
22	5	98 711	41 651,722	938 390,560	22,529	22,065	72	55	69 883	4 149,281	38 790,546	9,349	8,884
23	6	98 647	40 023,578	896 738,838	22,405	21,940	73	56	67 606	3 859,693	34 641,264	8,975	8,510
24	7	98 584	38 459,930	856 715,260	22,276	21,811	74	57	65 191	3 578,643	30 781,571	8,601	8,137
25	8	98 519	36 956,309	818 255,330	22,141	21,676	75	58	62 578	3 303,113	27 202,928	8,236	7,771
26	9	98 455	35 511,647	781 299,021	22,001	21,536	76	59	59 819	3 036,012	23 899,815	7,872	7,407
27	10	98 389	34 122,794	745 787,375	21,856	21,391	77	60	56 904	2 776,989	20 863,803	7,513	7,048
28	11	98 318	32 786,971	711 664,581	21,706	21,241	78	61	53 780	2 523,605	18 086,813	7,167	6,702
29	12	98 250	31 503,895	678 877,610	21,549	21,084	79	62	50 499	2 278,514	15 563,208	6,830	6,366
30	13	98 179	30 270,397	647 373,715	21,386	20,922	80	63	47 142	2 045,233	13 284,695	6,495	6,031
31	14	98 104	29 083,955	617 103,318	21,218	20,753	81	64	43 648	1 820,808	11 239,461	6,173	5,708
32	15	98 019	27 941,153	588 019,363	21,045	20,580	82	65	40 090	1 608,051	9 418,653	5,857	5,392
33	16	97 933	26 842,797	560 078,210	20,865	20,400	83	66	36 504	1 407,900	7 810,603	5,548	5,083
34	17	97 846	25 787,490	533 235,413	20,678	20,213	84	67	32 935	1 221,390	6 402,702	5,242	4,777
35	18	97 750	24 771,281	507 447,922	20,485	20,021	85	68	29 365	1 047,112	5 181,313	4,948	4,483
36	19	97 644	23 792,726	482 676,642	20,287	19,822	86	69	25 797	884,520	4 134,201	4,674	4,209
37	20	97 534	22 851,836	458 883,916	20,081	19,616	87	70	22 309	735,495	3 249,681	4,418	3,954
38	21	97 417	21 946,586	436 032,080	19,868	19,403	88	71	18 915	599,616	2 514,186	4,193	3,728
39	22	97 291	21 075,210	414 085,494	19,648	19,183	89	72	15 848	483,053	1 914,570	3,963	3,499
40	23	97 154	20 236,186	393 010,283	19,421	18,956	90	73	13 038	382,137	1 431,517	3,746	3,281
41	24	97 000	19 426,923	372 774,097	19,189	18,724	91	74	10 636	299,752	1 049,379	3,501	3,036
42	25	96 834	18 647,746	353 347,174	18,949	18,484	92	75	8 405	227,760	749,628	3,291	2,826
43	26	96 656	17 897,621	334 699,428	18,701	18,236	93	76	6 433	167,605	521,868	3,114	2,649
44	27	96 444	17 171,567	316 801,806	18,449	17,984	94	77	4 801	120,288	354,263	2,945	2,480
45	28	96 214	16 471,732	299 630,239	18,191	17,726	95	78	3 483	83,906	233,976	2,789	2,324
46	29	95 957	15 795,922	283 158,507	17,926	17,461	96	79	2 451	56,768	150,069	2,644	2,179
47	30	95 667	15 142,350	267 362,585	17,657	17,192	97	80	1 670	37,201	93,301	2,508	2,043
48	31	95 344	14 510,930	252 220,235	17,381	16,917	98	81	1 099	23,544	56,100	2,383	1,918
49	32	94 977	13 899,011	237 709,305	17,103	16,638	99	82	698	14,366	32,556	2,266	1,801
							100	83	426	8,428	18,191	2,158	1,694



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	13 312,375	224 236,802	16,844	16,379
1							51	33	94 170	12 741,264	210 924,427	16,554	16,090
2							52	34	93 684	12 187,986	198 183,163	16,261	15,796
3							53	35	93 153	11 652,848	185 995,178	15,961	15,497
4							54	36	92 580	11 135,629	174 342,330	15,656	15,191
5							55	37	91 943	10 633,760	163 206,701	15,348	14,883
6							56	38	91 261	10 148,886	152 572,940	15,033	14,569
7							57	39	90 528	9 680,141	142 424,055	14,713	14,248
8							58	40	89 744	9 227,202	132 743,914	14,386	13,921
9							59	41	88 887	8 787,588	123 516,711	14,056	13,591
10							60	42	87 960	8 361,557	114 729,123	13,721	13,256
11							61	43	86 945	7 947,185	106 367,566	13,384	12,919
12							62	44	85 877	7 547,642	98 420,381	13,040	12,575
13							63	45	84 726	7 160,020	90 872,739	12,692	12,227
14							64	46	83 500	6 785,025	83 712,719	12,338	11,873
15							65	47	82 172	6 420,321	76 927,694	11,982	11,517
16							66	48	80 751	6 066,619	70 507,373	11,622	11,157
17							67	49	79 258	5 725,416	64 440,754	11,255	10,790
18	0	99 323	49 028,520	1 123 394,443	22,913	22,448	68	50	77 666	5 394,651	58 715,338	10,884	10,419
19	1	98 950	46 965,854	1 074 365,923	22,875	22,411	69	51	75 962	5 073,343	53 320,686	10,510	10,045
20	2	98 868	45 122,015	1 027 400,069	22,769	22,305	70	52	74 135	4 760,874	48 247,343	10,134	9,669
21	3	98 793	43 353,644	982 278,054	22,657	22,193	71	53	72 185	4 457,394	43 486,469	9,756	9,291
22	4	98 723	41 656,714	938 924,410	22,540	22,075	72	54	70 107	4 162,544	39 029,076	9,376	8,911
23	5	98 656	40 027,199	897 267,696	22,416	21,952	73	55	67 850	3 873,629	34 866,532	9,001	8,536
24	6	98 592	38 463,014	857 240,497	22,287	21,823	74	56	65 439	3 592,268	30 992,903	8,628	8,163
25	7	98 528	36 959,397	818 777,483	22,153	21,689	75	57	62 838	3 316,799	27 400,635	8,261	7,796
26	8	98 461	35 513,852	781 818,086	22,014	21,550	76	58	60 093	3 049,919	24 083,836	7,897	7,432
27	9	98 395	34 124,960	746 304,234	21,870	21,405	77	59	57 177	2 790,323	21 033,917	7,538	7,073
28	10	98 326	32 789,612	712 179,273	21,720	21,255	78	60	54 076	2 537,480	18 243,594	7,190	6,725
29	11	98 257	31 506,397	679 389,661	21,564	21,099	79	61	50 788	2 291,542	15 706,115	6,854	6,389
30	12	98 186	30 272,718	647 883,264	21,402	20,937	80	62	47 440	2 058,148	13 414,573	6,518	6,053
31	13	98 114	29 086,816	617 610,546	21,233	20,769	81	63	43 941	1 833,032	11 356,425	6,195	5,731
32	14	98 031	27 944,613	588 523,730	21,060	20,596	82	64	40 380	1 619,706	9 523,393	5,880	5,415
33	15	97 946	26 846,436	560 579,117	20,881	20,416	83	65	36 789	1 418,886	7 903,687	5,570	5,106
34	16	97 862	25 791,637	533 732,681	20,694	20,229	84	66	33 208	1 231,512	6 484,802	5,266	4,801
35	17	97 767	24 775,630	507 941,044	20,502	20,037	85	67	29 632	1 056,643	5 253,289	4,972	4,507
36	18	97 665	23 797,924	483 165,415	20,303	19,838	86	68	26 053	893,269	4 196,647	4,698	4,233
37	19	97 555	22 856,752	459 367,491	20,098	19,633	87	69	22 556	743,651	3 303,377	4,442	3,977
38	20	97 437	21 951,218	436 510,739	19,885	19,421	88	70	19 144	606,867	2 559,727	4,218	3,753
39	21	97 312	21 079,767	414 559,522	19,666	19,201	89	71	16 062	489,586	1 952,859	3,989	3,524
40	22	97 177	20 240,838	393 479,755	19,440	18,975	90	72	13 243	388,144	1 463,273	3,770	3,305
41	23	97 022	19 431,343	373 238,917	19,208	18,743	91	73	10 824	305,040	1 075,129	3,525	3,060
42	24	96 856	18 651,987	353 807,574	18,969	18,504	92	74	8 571	232,248	770,089	3,316	2,851
43	25	96 678	17 901,610	335 155,588	18,722	18,257	93	75	6 579	171,424	537,842	3,137	2,673
44	26	96 470	17 176,156	317 253,977	18,471	18,006	94	76	4 926	123,416	366,418	2,969	2,504
45	27	96 239	16 475,985	300 077,821	18,213	17,748	95	77	3 587	86,408	243,002	2,812	2,347
46	28	95 982	15 800,026	283 601,836	17,949	17,485	96	78	2 535	58,721	156,594	2,667	2,202
47	29	95 693	15 146,551	267 801,810	17,681	17,216	97	79	1 735	38,653	97,873	2,532	2,067
48	30	95 371	14 514,914	252 655,259	17,407	16,942	98	80	1 149	24,611	59,220	2,406	1,941
49	31	95 008	13 903,544	238 140,346	17,128	16,663	99	81	734	15,114	34,609	2,290	1,825
							100	82	451	8,936	19,495	2,182	1,717

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	13 316,716	224 626,982	16,868	16,403
1							51	32	94 203	12 745,678	211 310,266	16,579	16,114
2							52	33	93 718	12 192,397	198 564,588	16,286	15,821
3							53	34	93 191	11 657,579	186 372,191	15,987	15,522
4							54	35	92 619	11 140,376	174 714,612	15,683	15,218
5							55	36	91 986	10 638,721	163 574,236	15,375	14,911
6							56	37	91 309	10 154,234	152 935,514	15,061	14,596
7							57	38	90 581	9 685,851	142 781,280	14,741	14,276
8							58	39	89 807	9 233,696	133 095,429	14,414	13,949
9							59	40	88 950	8 793,856	123 861,733	14,085	13,620
10							60	41	88 034	8 368,511	115 067,876	13,750	13,285
11							61	42	87 028	7 954,710	106 699,365	13,413	12,949
12							62	43	85 968	7 555,617	98 744,655	13,069	12,604
13							63	44	84 822	7 168,126	91 189,038	12,721	12,257
14							64	45	83 613	6 794,215	84 020,912	12,367	11,902
15							65	46	82 300	6 430,294	77 226,697	12,010	11,545
16							66	47	80 891	6 077,165	70 796,403	11,650	11,185
17							67	48	79 405	5 736,045	64 719,238	11,283	10,818
18							68	49	77 829	5 405,961	58 983,193	10,911	10,446
19	0	99 268	47 116,609	1 075 031,380	22,816	22,352	69	50	76 140	5 085,225	53 577,232	10,536	10,071
20	1	98 896	45 134,849	1 027 914,771	22,774	22,309	70	51	74 320	4 772,762	48 492,007	10,160	9,695
21	2	98 809	43 360,634	982 779,923	22,665	22,200	71	52	72 386	4 469,779	43 719,246	9,781	9,316
22	3	98 737	41 662,688	939 419,288	22,548	22,083	72	53	70 320	4 175,233	39 249,467	9,401	8,936
23	4	98 667	40 031,996	897 756,600	22,426	21,961	73	54	68 067	3 886,010	35 074,234	9,026	8,561
24	5	98 601	38 466,494	857 724,604	22,298	21,833	74	55	65 675	3 605,238	31 188,224	8,651	8,186
25	6	98 536	36 962,360	819 258,110	22,165	21,700	75	56	63 077	3 329,428	27 582,986	8,285	7,820
26	7	98 469	35 516,820	782 295,750	22,026	21,561	76	57	60 342	3 062,556	24 253,559	7,919	7,455
27	8	98 401	34 127,080	746 778,930	21,882	21,417	77	58	57 439	2 803,104	21 191,003	7,560	7,095
28	9	98 333	32 791,694	712 651,850	21,733	21,268	78	59	54 335	2 549,663	18 387,899	7,212	6,747
29	10	98 265	31 508,935	679 860,156	21,577	21,112	79	60	51 067	2 304,141	15 838,236	6,874	6,409
30	11	98 194	30 275,122	648 351,221	21,415	20,950	80	61	47 711	2 069,916	13 534,095	6,538	6,074
31	12	98 121	29 089,046	618 076,098	21,248	20,783	81	62	44 219	1 844,607	11 464,179	6,215	5,750
32	13	98 041	27 947,362	588 987,052	21,075	20,610	82	63	40 651	1 630,579	9 619,573	5,899	5,435
33	14	97 958	26 849,760	561 039,690	20,896	20,431	83	64	37 055	1 429,170	7 988,993	5,590	5,125
34	15	97 875	25 795,134	534 189,930	20,709	20,244	84	65	33 467	1 241,122	6 559,823	5,285	4,821
35	16	97 783	24 779,613	508 394,797	20,517	20,052	85	66	29 878	1 065,400	5 318,702	4,992	4,527
36	17	97 682	23 802,102	483 615,183	20,318	19,853	86	67	26 290	901,400	4 253,302	4,719	4,254
37	18	97 576	22 861,745	459 813,081	20,113	19,648	87	68	22 780	751,007	3 351,902	4,463	3,998
38	19	97 458	21 955,939	436 951,336	19,901	19,436	88	69	19 356	613,597	2 600,895	4,239	3,774
39	20	97 332	21 084,215	414 995,397	19,683	19,218	89	70	16 256	495,506	1 987,298	4,011	3,546
40	21	97 198	20 245,213	393 911,181	19,457	18,992	90	71	13 422	393,393	1 491,792	3,792	3,327
41	22	97 044	19 435,809	373 665,968	19,226	18,761	91	72	10 994	309,835	1 098,399	3,545	3,080
42	23	96 878	18 656,230	354 230,159	18,987	18,522	92	73	8 722	236,345	788,564	3,336	2,872
43	24	96 700	17 905,681	335 573,928	18,741	18,276	93	74	6 709	174,802	552,219	3,159	2,694
44	25	96 492	17 179,985	317 668,247	18,491	18,026	94	75	5 038	126,228	377,417	2,990	2,525
45	26	96 265	16 480,388	300 488,262	18,233	17,768	95	76	3 680	88,655	251,189	2,833	2,368
46	27	96 007	15 804,105	284 007,874	17,971	17,506	96	77	2 611	60,472	162,534	2,688	2,223
47	28	95 718	15 150,486	268 203,769	17,703	17,238	97	78	1 795	39,983	102,062	2,553	2,088
48	29	95 397	14 518,941	253 053,283	17,429	16,964	98	79	1 194	25,572	62,079	2,428	1,963
49	30	95 034	13 907,361	238 534,343	17,152	16,687	99	80	767	15,799	36,508	2,311	1,846
							100	81	475	9,401	20,709	2,203	1,738

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	13 320,372	224 983,577	16,890	16,425
1							51	31	94 233	12 749,835	211 663,205	16,601	16,136
2							52	32	93 750	12 196,621	198 913,370	16,309	15,844
3							53	33	93 225	11 661,798	186 716,749	16,011	15,546
4							54	34	92 657	11 144,899	175 054,951	15,707	15,242
5							55	35	92 026	10 643,257	163 910,052	15,400	14,936
6							56	36	91 352	10 158,971	153 266,795	15,087	14,622
7							57	37	90 629	9 690,955	143 107,824	14,767	14,302
8							58	38	89 860	9 239,143	133 416,868	14,440	13,976
9							59	39	89 013	8 800,045	124 177,725	14,111	13,646
10							60	40	88 096	8 374,480	115 377,680	13,777	13,312
11							61	41	87 100	7 961,326	107 003,199	13,440	12,976
12							62	42	86 049	7 562,771	99 041,874	13,096	12,631
13							63	43	84 911	7 175,700	91 479,102	12,748	12,284
14							64	44	83 707	6 801,906	84 303,402	12,394	11,929
15							65	45	82 411	6 439,003	77 501,496	12,036	11,571
16							66	46	81 017	6 086,605	71 062,493	11,675	11,210
17							67	47	79 543	5 746,017	64 975,887	11,308	10,843
18							68	48	77 973	5 415,997	59 229,871	10,936	10,471
19							69	49	76 299	5 095,886	53 813,874	10,560	10,095
20	0	99 213	45 279,726	1 028 532,168	22,715	22,250	70	50	74 494	4 783,939	48 717,988	10,184	9,719
21	1	98 837	43 372,967	983 252,442	22,670	22,205	71	51	72 567	4 480,940	43 934,049	9,805	9,340
22	2	98 753	41 669,406	939 879,475	22,556	22,091	72	52	70 516	4 186,834	39 453,110	9,423	8,958
23	3	98 682	40 037,737	898 210,069	22,434	21,969	73	53	68 275	3 897,856	35 266,275	9,048	8,583
24	4	98 613	38 471,104	858 172,332	22,307	21,842	74	54	65 885	3 616,761	31 368,419	8,673	8,208
25	5	98 545	36 965,704	819 701,228	22,175	21,710	75	55	63 305	3 341,449	27 751,658	8,305	7,840
26	6	98 477	35 519,667	782 735,523	22,037	21,572	76	56	60 571	3 074,216	24 410,209	7,940	7,475
27	7	98 409	34 129,931	747 215,856	21,893	21,428	77	57	57 677	2 814,718	21 335,993	7,580	7,115
28	8	98 339	32 793,731	713 085,924	21,745	21,280	78	58	54 584	2 561,342	18 521,275	7,231	6,766
29	9	98 272	31 510,936	680 292,194	21,589	21,124	79	59	51 312	2 315,204	15 959,933	6,894	6,429
30	10	98 202	30 277,562	648 781,258	21,428	20,963	80	60	47 973	2 081,296	13 644,730	6,556	6,091
31	11	98 129	29 091,357	618 503,696	21,261	20,796	81	61	44 471	1 855,154	11 563,434	6,233	5,768
32	12	98 049	27 949,504	589 412,340	21,088	20,624	82	62	40 908	1 640,876	9 708,280	5,917	5,452
33	13	97 968	26 852,401	561 462,835	20,909	20,444	83	63	37 304	1 438,764	8 067,404	5,607	5,142
34	14	97 887	25 798,327	534 610,434	20,723	20,258	84	64	33 709	1 250,117	6 628,640	5,302	4,838
35	15	97 796	24 782,973	508 812,107	20,531	20,066	85	65	30 111	1 073,713	5 378,522	5,009	4,544
36	16	97 698	23 805,929	484 029,134	20,332	19,867	86	66	26 508	908,870	4 304,809	4,736	4,272
37	17	97 593	22 865,759	460 223,204	20,127	19,662	87	67	22 987	757,842	3 395,939	4,481	4,016
38	18	97 480	21 960,736	437 357,445	19,915	19,451	88	68	19 548	619,667	2 638,096	4,257	3,792
39	19	97 353	21 088,751	415 396,709	19,698	19,233	89	69	16 436	501,001	2 018,430	4,029	3,564
40	20	97 218	20 249,486	394 307,958	19,472	19,008	90	70	13 585	398,150	1 517,429	3,811	3,346
41	21	97 065	19 440,011	374 058,472	19,242	18,777	91	71	11 143	314,025	1 119,278	3,564	3,099
42	22	96 900	18 660,518	354 618,461	19,004	18,539	92	72	8 859	240,060	805,254	3,354	2,890
43	23	96 722	17 909,755	335 957,943	18,758	18,294	93	73	6 827	177,886	565,194	3,177	2,712
44	24	96 514	17 183,891	318 048,188	18,509	18,044	94	74	5 138	128,716	387,308	3,009	2,544
45	25	96 286	16 484,062	300 864,297	18,252	17,787	95	75	3 764	90,676	258,592	2,852	2,387
46	26	96 033	15 808,329	284 380,235	17,989	17,524	96	76	2 679	62,044	167,917	2,706	2,242
47	27	95 743	15 154,398	268 571,906	17,722	17,258	97	77	1 849	41,175	105,872	2,571	2,106
48	28	95 422	14 522,713	253 417,509	17,450	16,985	98	78	1 235	26,451	64,698	2,446	1,981
49	29	95 060	13 911,219	238 894,796	17,173	16,708	99	79	797	16,415	38,246	2,330	1,865
							100	80	496	9,827	21,831	2,221	1,757

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	13 324,067	225 309,763	16,910	16,445
1							51	30	94 259	12 753,335	211 985,696	16,622	16,157
2							52	31	93 781	12 200,599	199 232,361	16,330	15,865
3							53	32	93 257	11 665,839	187 031,763	16,032	15,568
4							54	33	92 690	11 148,933	175 365,924	15,729	15,265
5							55	34	92 063	10 647,578	164 216,991	15,423	14,958
6							56	35	91 391	10 163,302	153 569,413	15,110	14,645
7							57	36	90 671	9 695,477	143 406,110	14,791	14,326
8							58	37	89 907	9 244,012	133 710,634	14,465	14,000
9							59	38	89 065	8 805,236	124 466,622	14,136	13,671
10							60	39	88 158	8 380,374	115 661,385	13,801	13,337
11							61	40	87 162	7 967,005	107 281,011	13,466	13,001
12							62	41	86 121	7 569,061	99 314,007	13,121	12,656
13							63	42	84 992	7 182,495	91 744,946	12,773	12,309
14							64	43	83 796	6 809,094	84 562,451	12,419	11,954
15							65	44	82 504	6 446,293	77 753,358	12,062	11,597
16							66	45	81 127	6 094,849	71 307,065	11,700	11,235
17							67	46	79 666	5 754,942	65 212,216	11,332	10,867
18							68	47	78 109	5 425,412	59 457,274	10,959	10,494
19							69	48	76 441	5 105,346	54 031,862	10,583	10,119
20							70	49	74 650	4 793,968	48 926,516	10,206	9,741
21	0	99 154	43 512,189	983 825,475	22,610	22,146	71	50	72 736	4 491,434	44 132,548	9,826	9,361
22	1	98 781	41 681,257	940 313,286	22,560	22,095	72	51	70 692	4 197,289	39 641,114	9,444	8,980
23	2	98 698	40 044,193	898 632,029	22,441	21,976	73	52	68 464	3 908,687	35 443,825	9,068	8,603
24	3	98 627	38 476,621	858 587,836	22,315	21,850	74	53	66 086	3 627,787	31 535,139	8,693	8,228
25	4	98 556	36 970,135	820 111,215	22,183	21,718	75	54	63 507	3 352,129	27 907,352	8,325	7,860
26	5	98 486	35 522,881	783 141,079	22,046	21,581	76	55	60 790	3 085,316	24 555,223	7,959	7,494
27	6	98 417	34 132,668	747 618,199	21,903	21,438	77	56	57 897	2 825,435	21 469,907	7,599	7,134
28	7	98 347	32 796,471	713 485,531	21,755	21,290	78	57	54 810	2 571,954	18 644,473	7,249	6,784
29	8	98 278	31 512,893	680 689,060	21,600	21,136	79	58	51 548	2 325,809	16 072,518	6,911	6,446
30	9	98 208	30 279,484	649 176,167	21,439	20,975	80	59	48 204	2 091,289	13 746,710	6,573	6,108
31	10	98 137	29 093,700	618 896,683	21,273	20,808	81	60	44 716	1 865,354	11 655,421	6,248	5,784
32	11	98 056	27 951,724	589 802,982	21,101	20,636	82	61	41 142	1 650,258	9 790,067	5,932	5,468
33	12	97 975	26 854,460	561 851,258	20,922	20,457	83	62	37 540	1 447,849	8 139,809	5,622	5,157
34	13	97 897	25 800,865	534 996,798	20,736	20,271	84	63	33 936	1 258,510	6 691,960	5,317	4,853
35	14	97 808	24 786,041	509 195,933	20,544	20,079	85	64	30 329	1 081,495	5 433,450	5,024	4,559
36	15	97 711	23 809,157	484 409,891	20,346	19,881	86	65	26 714	915,962	4 351,955	4,751	4,286
37	16	97 609	22 869,436	460 600,735	20,140	19,676	87	66	23 177	764,123	3 435,993	4,497	4,032
38	17	97 497	21 964,592	437 731,299	19,929	19,464	88	67	19 725	625,307	2 671,869	4,273	3,808
39	18	97 375	21 093,358	415 766,707	19,711	19,246	89	68	16 599	505,957	2 046,562	4,045	3,580
40	19	97 239	20 253,842	394 673,349	19,486	19,022	90	69	13 735	402,565	1 540,606	3,827	3,362
41	20	97 086	19 444,114	374 419,507	19,256	18,791	91	70	11 278	317,822	1 138,040	3,581	3,116
42	21	96 921	18 664,553	354 975,394	19,019	18,554	92	71	8 979	243,306	820,218	3,371	2,906
43	22	96 744	17 913,872	336 310,841	18,774	18,309	93	72	6 934	180,682	576,912	3,193	2,728
44	23	96 536	17 187,801	318 396,969	18,525	18,060	94	73	5 228	130,986	396,230	3,025	2,560
45	24	96 308	16 487,810	301 209,169	18,269	17,804	95	74	3 838	92,462	265,243	2,869	2,404
46	25	96 054	15 811,852	284 721,359	18,007	17,542	96	75	2 740	63,458	172,781	2,723	2,258
47	26	95 768	15 158,447	268 909,506	17,740	17,275	97	76	1 897	42,246	109,323	2,588	2,123
48	27	95 447	14 526,462	253 751,059	17,468	17,003	98	77	1 272	27,240	67,077	2,462	1,998
49	28	95 085	13 914,833	239 224,597	17,192	16,727	99	78	825	16,980	39,837	2,346	1,881
							100	79	516	10,211	22,857	2,238	1,774

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	13 327,529	225 608,153	16,928	16,463
1							51	29	94 285	12 756,873	212 280,624	16,640	16,176
2							52	30	93 807	12 203,948	199 523,751	16,349	15,884
3							53	31	93 288	11 669,643	187 319,803	16,052	15,587
4							54	32	92 722	11 152,796	175 650,160	15,749	15,285
5							55	33	92 096	10 651,432	164 497,364	15,444	14,979
6							56	34	91 428	10 167,429	153 845,932	15,131	14,666
7							57	35	90 710	9 699,610	143 678,504	14,813	14,348
8							58	36	89 949	9 248,325	133 978,893	14,487	14,022
9							59	37	89 112	8 809,877	124 730,569	14,158	13,693
10							60	38	88 210	8 385,318	115 920,692	13,824	13,359
11							61	39	87 224	7 972,611	107 535,374	13,488	13,023
12							62	40	86 182	7 574,460	99 562,763	13,145	12,680
13							63	41	85 062	7 188,468	91 988,303	12,797	12,332
14							64	42	83 875	6 815,541	84 799,835	12,442	11,977
15							65	43	82 592	6 453,104	77 984,294	12,085	11,620
16							66	44	81 218	6 101,749	71 531,190	11,723	11,258
17							67	45	79 774	5 762,736	65 429,441	11,354	10,889
18							68	46	78 230	5 433,839	59 666,705	10,981	10,516
19							69	47	76 574	5 114,221	54 232,865	10,604	10,140
20							70	48	74 788	4 802,868	49 118,644	10,227	9,762
21							71	49	72 889	4 500,850	44 315,776	9,846	9,381
22	0	99 098	41 815,049	940 845,354	22,500	22,035	72	50	70 857	4 207,119	39 814,926	9,464	8,999
23	1	98 726	40 055,582	899 030,304	22,445	21,980	73	51	68 635	3 918,447	35 607,808	9,087	8,622
24	2	98 643	38 482,825	858 974,722	22,321	21,856	74	52	66 270	3 637,867	31 689,361	8,711	8,246
25	3	98 570	36 975,437	820 491,897	22,190	21,725	75	53	63 701	3 362,348	28 051,494	8,343	7,878
26	4	98 498	35 527,139	783 516,460	22,054	21,589	76	54	60 984	3 095,177	24 689,147	7,977	7,512
27	5	98 426	34 135,756	747 989,321	21,912	21,447	77	55	58 106	2 835,636	21 593,969	7,615	7,150
28	6	98 355	32 799,101	713 853,565	21,764	21,300	78	56	55 019	2 581,747	18 758,333	7,266	6,801
29	7	98 286	31 515,526	681 054,465	21,610	21,145	79	57	51 761	2 335,445	16 176,587	6,927	6,462
30	8	98 215	30 281,365	649 538,939	21,450	20,985	80	58	48 425	2 100,868	13 841,142	6,588	6,123
31	9	98 143	29 095,547	619 257,574	21,284	20,819	81	59	44 931	1 874,310	11 740,273	6,264	5,799
32	10	98 064	27 953,976	590 162,026	21,112	20,647	82	60	41 368	1 659,331	9 865,964	5,946	5,481
33	11	97 983	26 856,593	562 208,050	20,934	20,469	83	61	37 754	1 456,128	8 206,632	5,636	5,171
34	12	97 904	25 802,843	535 351,457	20,748	20,283	84	62	34 150	1 266,456	6 750,504	5,330	4,865
35	13	97 818	24 788,480	509 548,614	20,556	20,091	85	63	30 533	1 088,756	5 484,048	5,037	4,572
36	14	97 723	23 812,105	484 760,134	20,358	19,893	86	64	26 908	922,601	4 395,292	4,764	4,299
37	15	97 622	22 872,536	460 948,030	20,153	19,688	87	65	23 358	770,086	3 472,691	4,509	4,045
38	16	97 512	21 968,124	438 075,493	19,941	19,477	88	66	19 889	630,489	2 702,605	4,287	3,822
39	17	97 392	21 097,061	416 107,370	19,723	19,259	89	67	16 750	510,562	2 072,116	4,059	3,594
40	18	97 260	20 258,267	395 010,308	19,499	19,034	90	68	13 871	406,548	1 561,554	3,841	3,376
41	19	97 107	19 448,296	374 752,041	19,269	18,804	91	69	11 403	321,347	1 155,006	3,594	3,129
42	20	96 941	18 668,492	355 303,745	19,032	18,567	92	70	9 087	246,248	833,660	3,385	2,921
43	21	96 765	17 917,744	336 635,254	18,788	18,323	93	71	7 028	183,125	587,411	3,208	2,743
44	22	96 558	17 191,751	318 717,509	18,539	18,074	94	72	5 310	133,045	404,286	3,039	2,574
45	23	96 330	16 491,561	301 525,758	18,284	17,819	95	73	3 906	94,094	271,241	2,883	2,418
46	24	96 076	15 815,448	285 034,197	18,023	17,558	96	74	2 794	64,709	177,147	2,738	2,273
47	25	95 790	15 161,826	269 218,749	17,756	17,292	97	75	1 940	43,208	112,438	2,602	2,137
48	26	95 472	14 530,344	254 056,923	17,485	17,020	98	76	1 305	27,948	69,230	2,477	2,012
49	27	95 109	13 918,426	239 526,579	17,209	16,744	99	77	849	17,486	41,282	2,361	1,896
							100	78	533	10,562	23,795	2,253	1,788

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	13 330,970	225 881,314	16,944	16,479
1							51	28	94 310	12 760,187	212 550,344	16,657	16,192
2							52	29	93 833	12 207,334	199 790,156	16,366	15,902
3							53	30	93 313	11 672,847	187 582,822	16,070	15,605
4							54	31	92 753	11 156,433	175 909,976	15,768	15,303
5							55	32	92 128	10 655,122	164 753,543	15,462	14,998
6							56	33	91 461	10 171,108	154 098,421	15,151	14,686
7							57	34	90 747	9 703,548	143 927,312	14,832	14,368
8							58	35	89 987	9 252,268	134 223,764	14,507	14,042
9							59	36	89 154	8 813,987	124 971,497	14,179	13,714
10							60	37	88 257	8 389,737	116 157,510	13,845	13,380
11							61	38	87 275	7 977,315	107 767,774	13,509	13,044
12							62	39	86 243	7 579,791	99 790,459	13,165	12,701
13							63	40	85 123	7 193,596	92 210,668	12,818	12,354
14							64	41	83 945	6 821,209	85 017,073	12,464	11,999
15							65	42	82 670	6 459,214	78 195,864	12,106	11,641
16							66	43	81 304	6 108,196	71 736,649	11,744	11,280
17							67	44	79 865	5 769,260	65 628,453	11,376	10,911
18							68	45	78 336	5 441,199	59 859,193	11,001	10,536
19							69	46	76 693	5 122,165	54 417,994	10,624	10,159
20							70	47	74 918	4 811,217	49 295,828	10,246	9,781
21							71	48	73 024	4 509,205	44 484,611	9,865	9,400
22							72	49	71 006	4 215,939	39 975,406	9,482	9,017
23	0	99 043	40 184,156	899 524,511	22,385	21,920	73	50	68 796	3 927,623	35 759,467	9,105	8,640
24	1	98 671	38 493,770	859 340,356	22,324	21,859	74	51	66 435	3 646,951	31 831,844	8,728	8,264
25	2	98 586	36 981,399	820 846,585	22,196	21,731	75	52	63 878	3 371,690	28 184,893	8,359	7,894
26	3	98 512	35 532,234	783 865,186	22,061	21,596	76	53	61 170	3 104,613	24 813,203	7,992	7,528
27	4	98 438	34 139,848	748 332,953	21,920	21,455	77	54	58 291	2 844,700	21 708,590	7,631	7,166
28	5	98 364	32 802,068	714 193,105	21,773	21,308	78	55	55 218	2 591,068	18 863,891	7,280	6,816
29	6	98 294	31 518,053	681 391,037	21,619	21,154	79	56	51 958	2 344,337	16 272,823	6,941	6,477
30	7	98 223	30 283,895	649 872,984	21,459	20,995	80	57	48 625	2 109,573	13 928,486	6,603	6,138
31	8	98 149	29 097,355	619 589,090	21,294	20,829	81	58	45 136	1 882,895	11 818,913	6,277	5,812
32	9	98 070	27 955,751	590 491,735	21,122	20,658	82	59	41 567	1 667,298	9 936,018	5,959	5,495
33	10	97 991	26 858,757	562 535,984	20,944	20,479	83	60	37 962	1 464,134	8 268,720	5,648	5,183
34	11	97 912	25 804,893	535 677,227	20,759	20,294	84	61	34 345	1 273,698	6 804,586	5,342	4,878
35	12	97 825	24 790,380	509 872,335	20,567	20,103	85	62	30 725	1 095,631	5 530,888	5,048	4,583
36	13	97 733	23 814,447	485 081,955	20,369	19,904	86	63	27 089	928,795	4 435,257	4,775	4,310
37	14	97 634	22 875,368	461 267,507	20,164	19,700	87	64	23 528	775,667	3 506,462	4,521	4,056
38	15	97 526	21 971,102	438 392,139	19,953	19,488	88	65	20 044	635,409	2 730,795	4,298	3,833
39	16	97 407	21 100,454	416 421,037	19,735	19,270	89	66	16 889	514,793	2 095,386	4,070	3,606
40	17	97 277	20 261,823	395 320,583	19,511	19,046	90	67	13 997	410,248	1 580,593	3,853	3,388
41	18	97 128	19 452,545	375 058,760	19,281	18,816	91	68	11 515	324,525	1 170,345	3,606	3,142
42	19	96 962	18 672,507	355 606,215	19,044	18,580	92	69	9 188	248,979	845,819	3,397	2,932
43	20	96 785	17 921,526	336 933,708	18,801	18,336	93	70	7 113	185,340	596,840	3,220	2,755
44	21	96 579	17 195,468	319 012,182	18,552	18,087	94	71	5 382	134,845	411,501	3,052	2,587
45	22	96 352	16 495,352	301 816,714	18,297	17,832	95	72	3 967	95,573	276,656	2,895	2,430
46	23	96 098	15 819,046	285 321,362	18,037	17,572	96	73	2 843	65,850	181,083	2,750	2,285
47	24	95 811	15 165,274	269 502,316	17,771	17,306	97	74	1 978	44,060	115,233	2,615	2,151
48	25	95 493	14 533,583	254 337,042	17,500	17,035	98	75	1 335	28,585	71,173	2,490	2,025
49	26	95 135	13 922,145	239 803,459	17,225	16,760	99	76	871	17,941	42,588	2,374	1,909
							100	77	549	10,877	24,647	2,266	1,801

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 4,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	13 334,533	226 131,723	16,958	16,494
1							51	27	94 334	12 763,482	212 797,191	16,672	16,208
2							52	28	93 857	12 210,505	200 033,709	16,382	15,917
3							53	29	93 339	11 676,085	187 823,204	16,086	15,621
4							54	30	92 778	11 159,495	176 147,118	15,785	15,320
5							55	31	92 158	10 658,597	164 987,623	15,479	15,014
6							56	32	91 493	10 174,632	154 329,026	15,168	14,703
7							57	33	90 780	9 707,060	144 154,393	14,850	14,386
8							58	34	90 024	9 256,024	134 447,333	14,525	14,061
9							59	35	89 192	8 817,744	125 191,310	14,198	13,733
10							60	36	88 298	8 393,651	116 373,565	13,864	13,400
11							61	37	87 321	7 981,518	107 979,915	13,529	13,064
12							62	38	86 294	7 584,262	99 998,396	13,185	12,720
13							63	39	85 183	7 198,658	92 414,134	12,838	12,373
14							64	40	84 005	6 826,075	85 215,476	12,484	12,019
15							65	41	82 739	6 464,586	78 389,401	12,126	11,661
16							66	42	81 381	6 113,980	71 924,815	11,764	11,299
17							67	43	79 949	5 775,357	65 810,835	11,395	10,930
18							68	44	78 425	5 447,359	60 035,478	11,021	10,556
19							69	45	76 797	5 129,103	54 588,120	10,643	10,178
20							70	46	75 035	4 818,691	49 459,017	10,264	9,799
21							71	47	73 151	4 517,044	44 640,326	9,883	9,418
22							72	48	71 138	4 223,765	40 123,282	9,499	9,035
23							73	49	68 940	3 935,858	35 899,517	9,121	8,656
24	0	98 988	38 617,331	859 799,555	22,265	21,800	74	50	66 591	3 655,491	31 963,659	8,744	8,279
25	1	98 614	36 991,917	821 182,224	22,199	21,734	75	51	64 037	3 380,109	28 308,168	8,375	7,910
26	2	98 528	35 537,963	784 190,308	22,066	21,601	76	52	61 340	3 113,239	24 928,059	8,007	7,542
27	3	98 452	34 144,744	748 652,345	21,926	21,461	77	53	58 469	2 853,371	21 814,820	7,645	7,180
28	4	98 375	32 806,000	714 507,601	21,780	21,315	78	54	55 394	2 599,350	18 961,448	7,295	6,830
29	5	98 303	31 520,904	681 701,602	21,627	21,162	79	55	52 146	2 352,801	16 362,098	6,954	6,489
30	6	98 231	30 286,323	650 180,697	21,468	21,003	80	56	48 810	2 117,605	14 009,297	6,616	6,151
31	7	98 157	29 099,786	619 894,374	21,302	20,838	81	57	45 323	1 890,697	11 891,692	6,290	5,825
32	8	98 077	27 957,487	590 794,588	21,132	20,667	82	58	41 757	1 674,935	10 000,995	5,971	5,506
33	9	97 997	26 860,462	562 837,101	20,954	20,489	83	59	38 144	1 471,164	8 326,060	5,660	5,195
34	10	97 920	25 806,972	535 976,639	20,769	20,304	84	60	34 534	1 280,701	6 854,897	5,352	4,888
35	11	97 833	24 792,349	510 169,668	20,578	20,113	85	61	30 901	1 101,896	5 574,196	5,059	4,594
36	12	97 740	23 816,273	485 377,318	20,380	19,915	86	62	27 260	934,660	4 472,300	4,785	4,320
37	13	97 644	22 877,619	461 561,045	20,175	19,710	87	63	23 685	780,875	3 537,641	4,530	4,066
38	14	97 538	21 973,822	438 683,427	19,964	19,499	88	64	20 189	640,014	2 756,766	4,307	3,843
39	15	97 421	21 103,314	416 709,604	19,746	19,281	89	65	17 021	518,810	2 116,752	4,080	3,615
40	16	97 293	20 265,081	395 606,290	19,522	19,057	90	66	14 113	413,648	1 597,942	3,863	3,398
41	17	97 145	19 455,960	375 341,209	19,292	18,827	91	67	11 620	327,479	1 184,294	3,616	3,152
42	18	96 983	18 676,587	355 885,248	19,055	18,590	92	68	9 279	251,442	856,815	3,408	2,943
43	19	96 806	17 925,381	337 208,661	18,812	18,347	93	69	7 192	187,395	605,372	3,230	2,766
44	20	96 599	17 199,097	319 283,281	18,564	18,099	94	70	5 447	136,475	417,977	3,063	2,598
45	21	96 373	16 498,918	302 084,184	18,309	17,845	95	71	4 021	96,865	281,502	2,906	2,441
46	22	96 120	15 822,682	285 585,266	18,049	17,584	96	72	2 888	66,885	184,637	2,761	2,296
47	23	95 833	15 168,724	269 762,584	17,784	17,319	97	73	2 013	44,837	117,752	2,626	2,161
48	24	95 515	14 536,888	254 593,860	17,514	17,049	98	74	1 361	29,149	72,915	2,501	2,037
49	25	95 156	13 925,249	240 056,972	17,239	16,774	99	75	891	18,350	43,766	2,385	1,920
							100	76	564	11,160	25,416	2,277	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 4,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	13 337,505	226 360,930	16,972	16,507
1							51	26	94 359	12 766,893	213 023,425	16,686	16,221
2							52	27	93 881	12 213,658	200 256,532	16,396	15,931
3							53	28	93 363	11 679,119	188 042,874	16,101	15,636
4							54	29	92 804	11 162,592	176 363,756	15,800	15,335
5							55	30	92 183	10 661,523	165 201,164	15,495	15,030
6							56	31	91 522	10 177,951	154 539,641	15,184	14,719
7							57	32	90 811	9 710,423	144 361,691	14,867	14,402
8							58	33	90 057	9 259,374	134 651,267	14,542	14,077
9							59	34	89 228	8 821,324	125 391,894	14,215	13,750
10							60	35	88 336	8 397,229	116 570,569	13,882	13,417
11							61	36	87 362	7 985,242	108 173,340	13,547	13,082
12							62	37	86 339	7 588,259	100 188,098	13,203	12,738
13							63	38	85 233	7 202,905	92 599,839	12,856	12,391
14							64	39	84 064	6 830,879	85 396,935	12,502	12,037
15							65	40	82 798	6 469,198	78 566,056	12,145	11,680
16							66	41	81 449	6 119,065	72 096,858	11,782	11,318
17							67	42	80 025	5 780,825	65 977,794	11,413	10,948
18							68	43	78 508	5 453,115	60 196,969	11,039	10,574
19							69	44	76 884	5 134,909	54 743,854	10,661	10,196
20							70	45	75 136	4 825,217	49 608,945	10,281	9,816
21							71	46	73 265	4 524,061	44 783,727	9,899	9,434
22							72	47	71 261	4 231,108	40 259,667	9,515	9,050
23							73	48	69 068	3 943,164	36 028,559	9,137	8,672
24							74	49	66 730	3 663,155	32 085,395	8,759	8,294
25	0	98 931	37 110,657	821 609,034	22,139	21,675	75	50	64 187	3 388,025	28 422,240	8,389	7,924
26	1	98 556	35 548,070	784 498,377	22,069	21,604	76	51	61 494	3 121,013	25 034,215	8,021	7,556
27	2	98 468	34 150,249	748 950,307	21,931	21,466	77	52	58 631	2 861,300	21 913,202	7,658	7,194
28	3	98 390	32 810,704	714 800,058	21,786	21,321	78	53	55 563	2 607,274	19 051,902	7,307	6,842
29	4	98 314	31 524,683	681 989,354	21,634	21,169	79	54	52 312	2 360,322	16 444,628	6,967	6,502
30	5	98 239	30 289,063	650 464,671	21,475	21,010	80	55	48 987	2 125,251	14 084,306	6,627	6,162
31	6	98 165	29 102,119	620 175,608	21,310	20,846	81	56	45 496	1 897,895	11 959,056	6,301	5,836
32	7	98 085	27 959,823	591 073,489	21,140	20,675	82	57	41 930	1 681,875	10 061,161	5,982	5,517
33	8	98 003	26 862,130	563 113,666	20,963	20,498	83	58	38 319	1 477,902	8 379,286	5,670	5,205
34	9	97 926	25 808,610	536 251,535	20,778	20,313	84	59	34 700	1 286,850	6 901,384	5,363	4,898
35	10	97 841	24 794,347	510 442,925	20,587	20,122	85	60	31 071	1 107,954	5 614,534	5,067	4,603
36	11	97 748	23 818,165	485 648,579	20,390	19,925	86	61	27 416	940,004	4 506,580	4,794	4,329
37	12	97 651	22 879,373	461 830,414	20,185	19,721	87	62	23 835	785,805	3 566,576	4,539	4,074
38	13	97 547	21 975,984	438 951,042	19,974	19,509	88	63	20 325	644,311	2 780,771	4,316	3,851
39	14	97 433	21 105,927	416 975,058	19,756	19,291	89	64	17 144	522,571	2 136,460	4,088	3,624
40	15	97 306	20 267,829	395 869,130	19,532	19,067	90	65	14 224	416,876	1 613,889	3,871	3,407
41	16	97 160	19 459,089	375 601,301	19,302	18,837	91	66	11 717	330,193	1 197,014	3,625	3,160
42	17	97 001	18 679,866	356 142,213	19,066	18,601	92	67	9 364	253,731	866,820	3,416	2,951
43	18	96 827	17 929,297	337 462,347	18,822	18,357	93	68	7 263	189,249	613,090	3,240	2,775
44	19	96 620	17 202,796	319 533,050	18,574	18,110	94	69	5 508	137,989	423,841	3,072	2,607
45	20	96 393	16 502,400	302 330,253	18,320	17,856	95	70	4 070	98,036	285,852	2,916	2,451
46	21	96 141	15 826,103	285 827,854	18,061	17,596	96	71	2 927	67,790	187,816	2,771	2,306
47	22	95 855	15 172,211	270 001,751	17,796	17,331	97	72	2 045	45,542	120,026	2,636	2,171
48	23	95 537	14 540,195	254 829,540	17,526	17,061	98	73	1 385	29,663	74,484	2,511	2,046
49	24	95 178	13 928,415	240 289,345	17,252	16,787	99	74	909	18,711	44,821	2,395	1,931
							100	75	576	11,414	26,110	2,287	1,823



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 293 237,737	22,932	22,467	50	50	93 003	11 606,313	178 224,425	15,356	14,891
1	1	99 275	95 227,959	2 193 237,737	23,031	22,566	51	51	92 389	11 059,693	166 618,112	15,065	14,600
2	2	99 212	91 287,287	2 098 009,778	22,982	22,517	52	52	91 717	10 531,588	155 558,418	14,771	14,305
3	3	99 177	87 534,774	2 006 722,491	22,925	22,460	53	53	90 982	10 021,265	145 026,830	14,472	14,007
4	4	99 147	83 941,494	1 919 187,716	22,863	22,398	54	54	90 185	9 528,525	135 005,565	14,169	13,703
5	5	99 121	80 498,168	1 835 246,222	22,799	22,333	55	55	89 321	9 052,566	125 477,040	13,861	13,396
6	6	99 101	77 200,550	1 754 748,054	22,730	22,265	56	56	88 386	8 592,590	116 424,474	13,549	13,084
7	7	99 082	74 039,541	1 677 547,504	22,657	22,192	57	57	87 395	8 149,865	107 831,884	13,231	12,766
8	8	99 064	71 008,341	1 603 507,963	22,582	22,117	58	58	86 341	7 723,353	99 682,019	12,907	12,441
9	9	99 049	68 102,738	1 532 499,621	22,503	22,038	59	59	85 187	7 309,501	91 958,666	12,581	12,115
10	10	99 034	65 316,613	1 464 396,883	22,420	21,955	60	60	83 967	6 911,038	84 649,165	12,248	11,783
11	11	99 017	62 643,176	1 399 080,270	22,334	21,869	61	61	82 622	6 523,138	77 738,127	11,917	11,452
12	12	99 000	60 078,763	1 336 437,094	22,245	21,780	62	62	81 229	6 151,687	71 214,989	11,576	11,111
13	13	98 982	57 619,066	1 276 358,331	22,152	21,686	63	63	79 727	5 791,782	65 063,301	11,234	10,769
14	14	98 963	55 259,812	1 218 739,265	22,055	21,589	64	64	78 155	5 446,138	59 271,519	10,883	10,418
15	15	98 935	52 991,711	1 163 479,454	21,956	21,491	65	65	76 477	5 111,977	53 825,382	10,529	10,064
16	16	98 902	50 814,335	1 110 487,743	21,854	21,389	66	66	74 702	4 789,773	48 713,405	10,170	9,705
17	17	98 856	48 720,480	1 059 673,408	21,750	21,285	67	67	72 853	4 480,778	43 923,632	9,803	9,337
18	18	98 805	46 710,116	1 010 952,928	21,643	21,178	68	68	70 895	4 182,554	39 442,854	9,430	8,965
19	19	98 729	44 771,184	964 242,812	21,537	21,072	69	69	68 821	3 894,670	35 260,300	9,053	8,588
20	20	98 654	42 913,330	919 471,628	21,426	20,961	70	70	66 595	3 615,047	31 365,629	8,676	8,211
21	21	98 574	41 130,595	876 558,298	21,312	20,846	71	71	64 247	3 345,417	27 750,582	8,295	7,830
22	22	98 497	39 423,036	835 427,702	21,191	20,726	72	72	61 752	3 084,420	24 405,165	7,912	7,447
23	23	98 419	37 785,900	796 004,666	21,066	20,601	73	73	59 028	2 828,151	21 320,744	7,539	7,074
24	24	98 342	36 217,266	758 218,766	20,935	20,470	74	74	56 145	2 580,365	18 492,593	7,167	6,701
25	25	98 263	34 712,874	722 001,500	20,799	20,334	75	75	53 072	2 339,725	15 912,229	6,801	6,336
26	26	98 183	33 270,570	687 288,627	20,658	20,192	76	76	49 829	2 107,176	13 572,504	6,441	5,976
27	27	98 097	31 886,205	654 018,056	20,511	20,046	77	77	46 421	1 883,036	11 465,328	6,089	5,624
28	28	98 010	30 559,038	622 131,852	20,358	19,893	78	78	42 837	1 666,802	9 582,292	5,749	5,284
29	29	97 924	29 287,452	591 572,813	20,199	19,734	79	79	39 108	1 459,682	7 915,490	5,423	4,958
30	30	97 833	28 067,618	562 285,361	20,033	19,568	80	80	35 359	1 265,955	6 455,808	5,100	4,634
31	31	97 742	26 898,106	534 217,743	19,861	19,396	81	81	31 529	1 082,793	5 189,852	4,793	4,328
32	32	97 637	25 774,010	507 319,638	19,683	19,218	82	82	27 725	913,332	4 107,060	4,497	4,032
33	33	97 531	24 696,257	481 545,628	19,499	19,034	83	83	23 995	758,239	3 193,728	4,212	3,747
34	34	97 425	23 663,686	456 849,371	19,306	18,841	84	84	20 410	618,673	2 435,489	3,937	3,471
35	35	97 306	22 671,435	433 185,685	19,107	18,642	85	85	17 005	494,436	1 816,816	3,675	3,209
36	36	97 181	21 719,098	410 514,249	18,901	18,436	86	86	13 800	384,890	1 322,380	3,436	2,971
37	37	97 047	20 804,956	388 795,151	18,688	18,222	87	87	10 900	291,617	937,490	3,215	2,750
38	38	96 900	19 926,581	367 990,195	18,467	18,002	88	88	8 281	212,517	645,873	3,039	2,574
39	39	96 738	19 082,390	348 063,614	18,240	17,775	89	89	6 150	151,386	433,356	2,863	2,397
40	40	96 557	18 270,107	328 981,223	18,007	17,541	90	90	4 421	104,389	281,970	2,701	2,236
41	41	96 357	17 488,914	310 711,117	17,766	17,301	91	91	3 126	70,809	177,581	2,508	2,043
42	42	96 134	16 737,098	293 222,203	17,519	17,054	92	92	2 083	45,255	106,772	2,359	1,894
43	43	95 888	16 013,717	276 485,106	17,266	16,800	93	93	1 322	27,558	61,517	2,232	1,767
44	44	95 602	15 315,157	260 471,388	17,007	16,542	94	94	803	16,056	33,959	2,115	1,650
45	45	95 291	14 642,957	245 156,232	16,742	16,277	95	95	465	8,913	17,903	2,009	1,544
46	46	94 933	13 993,191	230 513,275	16,473	16,008	96	96	256	4,701	8,991	1,912	1,447
47	47	94 524	13 364,993	216 520,083	16,201	15,735	97	97	133	2,350	4,290	1,825	1,360
48	48	94 068	12 758,301	203 155,090	15,923	15,458	98	98	66	1,111	1,939	1,746	1,281
49	49	93 563	12 172,364	190 396,789	15,642	15,177	99	99	30	0,495	0,828	1,674	1,209
							100	100	13	0,207	0,334	1,609	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 290 698,770	22,981	22,515	50	51	92 786	11 579,196	176 545,322	15,247	14,782
1	2	99 247	95 200,882	2 191 018,732	23,015	22,549	51	52	92 159	11 032,146	164 966,126	14,953	14,488
2	3	99 196	91 272,571	2 095 817,849	22,962	22,497	52	53	91 463	10 502,407	153 933,980	14,657	14,192
3	4	99 162	87 522,223	2 004 545,279	22,903	22,438	53	54	90 705	9 990,808	143 431,573	14,356	13,891
4	5	99 135	83 931,434	1 917 023,056	22,840	22,375	54	55	89 897	9 498,166	133 440,765	14,049	13,584
5	6	99 112	80 490,886	1 833 091,621	22,774	22,309	55	56	89 000	9 019,999	123 942,599	13,741	13,276
6	7	99 093	77 194,360	1 752 600,735	22,704	22,239	56	57	88 051	8 559,999	114 922,599	13,426	12,960
7	8	99 074	74 033,356	1 675 406,375	22,630	22,165	57	58	87 034	8 116,237	106 362,600	13,105	12,640
8	9	99 058	71 003,931	1 601 373,019	22,553	22,088	58	59	85 947	7 688,137	98 246,364	12,779	12,314
9	10	99 042	68 098,415	1 530 369,088	22,473	22,008	59	60	84 780	7 274,573	90 558,227	12,449	11,983
10	11	99 026	65 311,351	1 462 270,673	22,389	21,924	60	61	83 508	6 873,250	83 283,653	12,117	11,652
11	12	99 009	62 638,201	1 396 959,322	22,302	21,837	61	62	82 152	6 486,051	76 410,404	11,781	11,316
12	13	98 992	60 074,158	1 334 321,122	22,211	21,746	62	63	80 719	6 113,087	69 924,352	11,438	10,973
13	14	98 972	57 613,398	1 274 246,964	22,117	21,652	63	64	79 195	5 753,159	63 811,265	11,092	10,626
14	15	98 951	55 252,971	1 216 633,566	22,019	21,554	64	65	77 593	5 406,948	58 058,107	10,738	10,272
15	16	98 921	52 984,527	1 161 380,595	21,919	21,454	65	66	75 885	5 072,398	52 651,158	10,380	9,915
16	17	98 886	50 806,166	1 108 396,068	21,816	21,351	66	67	74 088	4 750,402	47 578,761	10,016	9,551
17	18	98 839	48 711,928	1 057 589,902	21,711	21,246	67	68	72 196	4 440,363	42 828,359	9,645	9,180
18	19	98 784	46 699,912	1 008 877,974	21,603	21,138	68	69	70 200	4 141,586	38 387,996	9,269	8,804
19	20	98 708	44 761,556	962 178,062	21,496	21,030	69	70	68 066	3 851,955	34 246,410	8,891	8,425
20	21	98 633	42 904,276	917 416,506	21,383	20,918	70	71	65 799	3 571,854	30 394,455	8,509	8,044
21	22	98 553	41 121,705	874 512,230	21,266	20,801	71	72	63 389	3 300,779	26 822,601	8,126	7,661
22	23	98 474	39 413,977	833 390,525	21,145	20,679	72	73	60 796	3 036,688	23 521,822	7,746	7,281
23	24	98 397	37 777,305	793 976,548	21,017	20,552	73	74	58 004	2 779,124	20 485,133	7,371	6,906
24	25	98 320	36 209,031	756 199,242	20,884	20,419	74	75	55 060	2 530,502	17 706,010	6,997	6,532
25	26	98 242	34 705,138	719 990,211	20,746	20,281	75	76	51 890	2 287,593	15 175,508	6,634	6,169
26	27	98 157	33 261,682	685 285,073	20,603	20,138	76	77	48 566	2 053,764	12 887,915	6,275	5,810
27	28	98 072	31 877,974	652 023,391	20,454	19,989	77	78	45 077	1 828,514	10 834,151	5,925	5,460
28	29	97 984	30 551,101	620 145,417	20,299	19,833	78	79	41 412	1 611,367	9 005,637	5,589	5,124
29	30	97 896	29 279,329	589 594,316	20,137	19,672	79	80	37 640	1 404,870	7 394,269	5,263	4,798
30	31	97 807	28 059,915	560 314,987	19,969	19,503	80	81	33 826	1 211,047	5 989,399	4,946	4,480
31	32	97 710	26 889,336	532 255,072	19,794	19,329	81	82	29 968	1 029,199	4 778,353	4,643	4,178
32	33	97 604	25 765,083	505 365,736	19,614	19,149	82	83	26 148	861,393	3 749,153	4,352	3,887
33	34	97 495	24 687,322	479 600,653	19,427	18,962	83	84	22 436	708,985	2 887,761	4,073	3,608
34	35	97 385	23 654,083	454 913,331	19,232	18,767	84	85	18 900	572,900	2 178,776	3,803	3,338
35	36	97 265	22 661,774	431 259,248	19,030	18,565	85	86	15 555	452,263	1 605,877	3,551	3,086
36	37	97 135	21 708,970	408 597,474	18,822	18,356	86	87	12 466	347,691	1 153,614	3,318	2,853
37	38	96 996	20 793,998	386 888,504	18,606	18,141	87	88	9 650	258,180	805,923	3,122	2,656
38	39	96 843	19 914,833	366 094,505	18,383	17,918	88	89	7 242	185,854	547,743	2,947	2,482
39	40	96 670	19 068,971	346 179,672	18,154	17,689	89	90	5 290	130,227	361,889	2,779	2,314
40	41	96 488	18 257,084	327 110,702	17,917	17,452	90	91	3 766	88,919	231,662	2,605	2,140
41	42	96 277	17 474,381	308 853,618	17,675	17,209	91	92	2 585	58,549	142,743	2,438	1,973
42	43	96 043	16 721,265	291 379,237	17,426	16,960	92	93	1 689	36,702	84,194	2,294	1,829
43	44	95 786	15 996,814	274 657,972	17,170	16,704	93	94	1 049	21,857	47,492	2,173	1,708
44	45	95 494	15 297,838	258 661,158	16,908	16,443	94	95	622	12,437	25,635	2,061	1,596
45	46	95 162	14 623,151	243 363,320	16,642	16,177	95	96	351	6,734	13,198	1,960	1,495
46	47	94 785	13 971,489	228 740,169	16,372	15,907	96	97	188	3,460	6,464	1,868	1,403
47	48	94 360	13 341,799	214 768,680	16,097	15,632	97	98	95	1,683	3,004	1,785	1,320
48	49	93 894	12 734,661	201 426,881	15,817	15,352	98	99	46	0,773	1,321	1,709	1,244
49	50	93 367	12 146,898	188 692,220	15,534	15,069	99	100	21	0,334	0,548	1,641	1,176

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 288 299,224	22,963	22,498	50	52	92 555	11 550,354	174 737,748	15,128	14,663
1	3	99 231	95 185,535	2 188 647,527	22,993	22,528	51	53	91 904	11 001,578	163 187,394	14,833	14,368
2	4	99 181	91 259,483	2 093 461,993	22,940	22,474	52	54	91 185	10 470,488	152 185,816	14,535	14,070
3	5	99 150	87 511,734	2 002 202,509	22,879	22,414	53	55	90 416	9 958,976	141 715,328	14,230	13,765
4	6	99 126	83 923,842	1 914 690,776	22,815	22,349	54	56	89 574	9 463,996	131 756,352	13,922	13,457
5	7	99 104	80 484,433	1 830 766,934	22,747	22,282	55	57	88 662	8 985,788	122 292,356	13,610	13,144
6	8	99 084	77 187,911	1 750 282,501	22,676	22,210	56	58	87 687	8 524,678	113 306,568	13,292	12,826
7	9	99 068	74 028,757	1 673 094,590	22,601	22,135	57	59	86 637	8 079,229	104 781,890	12,969	12,504
8	10	99 052	70 999,423	1 599 065,833	22,522	22,057	58	60	85 537	7 651,400	96 702,661	12,639	12,173
9	11	99 035	68 092,929	1 528 066,409	22,441	21,976	59	61	84 317	7 234,797	89 051,261	12,309	11,844
10	12	99 018	65 306,164	1 459 973,481	22,356	21,891	60	62	83 033	6 834,172	81 816,464	11,972	11,506
11	13	99 002	62 633,399	1 394 667,317	22,267	21,802	61	63	81 637	6 445,353	74 982,292	11,634	11,168
12	14	98 982	60 068,248	1 332 033,917	22,175	21,710	62	64	80 181	6 072,321	68 536,939	11,287	10,822
13	15	98 960	57 606,265	1 271 965,669	22,080	21,615	63	65	78 625	5 711,760	62 464,618	10,936	10,471
14	16	98 938	55 245,481	1 214 359,404	21,981	21,516	64	66	76 992	5 365,086	56 752,858	10,578	10,113
15	17	98 905	52 976,009	1 159 113,923	21,880	21,415	65	67	75 262	5 030,704	51 387,772	10,215	9,750
16	18	98 868	50 797,247	1 106 137,914	21,776	21,310	66	68	73 420	4 707,555	46 357,068	9,847	9,382
17	19	98 817	48 701,287	1 055 340,666	21,670	21,204	67	69	71 489	4 396,869	41 649,514	9,473	9,007
18	20	98 762	46 689,869	1 006 639,379	21,560	21,095	68	70	69 430	4 096,162	37 252,645	9,095	8,629
19	21	98 687	44 752,112	959 949,510	21,450	20,985	69	71	67 253	3 805,931	33 156,482	8,712	8,247
20	22	98 612	42 895,003	915 197,398	21,336	20,871	70	72	64 921	3 524,195	29 350,551	8,328	7,863
21	23	98 530	41 112,255	872 302,395	21,218	20,752	71	73	62 408	3 249,699	25 826,357	7,947	7,482
22	24	98 452	39 405,012	831 190,140	21,094	20,628	72	74	59 742	2 984,046	22 576,657	7,566	7,101
23	25	98 374	37 768,717	791 785,128	20,964	20,499	73	75	56 883	2 725,420	19 592,611	7,189	6,724
24	26	98 298	36 200,963	754 016,411	20,829	20,363	74	76	53 833	2 474,119	16 867,191	6,817	6,352
25	27	98 215	34 695,866	717 815,449	20,689	20,224	75	77	50 575	2 229,608	14 393,072	6,455	5,990
26	28	98 132	33 253,096	683 119,582	20,543	20,078	76	78	47 160	1 994,299	12 163,465	6,099	5,634
27	29	98 046	31 869,694	649 866,486	20,391	19,926	77	79	43 578	1 767,701	10 169,166	5,753	5,288
28	30	97 957	30 542,627	617 996,792	20,234	19,769	78	80	39 857	1 550,859	8 401,464	5,417	4,952
29	31	97 870	29 271,293	587 454,165	20,069	19,604	79	81	36 007	1 343,936	6 850,605	5,097	4,632
30	32	97 775	28 050,767	558 182,871	19,899	19,434	80	82	32 151	1 151,105	5 506,668	4,784	4,319
31	33	97 676	26 880,023	530 132,104	19,722	19,257	81	83	28 264	970,671	4 355,564	4,487	4,022
32	34	97 568	25 755,761	503 252,081	19,539	19,074	82	84	24 449	805,437	3 384,893	4,203	3,737
33	35	97 456	24 677,303	477 496,320	19,350	18,884	83	85	20 776	656,530	2 579,455	3,929	3,464
34	36	97 344	23 644,003	452 819,016	19,152	18,686	84	86	17 288	524,034	1 922,925	3,669	3,204
35	37	97 220	22 651,206	429 175,013	18,947	18,482	85	87	14 051	408,552	1 398,891	3,424	2,959
36	38	97 084	21 697,536	406 523,807	18,736	18,271	86	88	11 037	307,825	990,339	3,217	2,752
37	39	96 938	20 781,739	384 826,271	18,518	18,052	87	89	8 440	225,788	682,515	3,023	2,558
38	40	96 775	19 900,828	364 044,532	18,293	17,828	88	90	6 230	159,878	456,727	2,857	2,392
39	41	96 602	19 055,378	344 143,705	18,060	17,595	89	91	4 506	110,928	296,849	2,676	2,211
40	42	96 408	18 241,913	325 088,326	17,821	17,356	90	92	3 114	73,523	185,922	2,529	2,064
41	43	96 185	17 457,851	306 846,414	17,576	17,111	91	93	2 096	47,484	112,399	2,367	1,902
42	44	95 941	16 703,615	289 388,563	17,325	16,860	92	94	1 340	29,109	64,915	2,230	1,765
43	45	95 678	15 978,725	272 684,948	17,066	16,600	93	95	812	16,930	35,805	2,115	1,650
44	46	95 365	15 277,146	256 706,223	16,803	16,338	94	96	470	9,397	18,875	2,009	1,543
45	47	95 014	14 600,472	241 429,077	16,536	16,070	95	97	258	4,956	9,478	1,912	1,447
46	48	94 621	13 947,243	226 828,605	16,263	15,798	96	98	135	2,478	4,522	1,825	1,360
47	49	94 185	13 317,077	212 881,362	15,986	15,520	97	99	66	1,171	2,044	1,746	1,281
48	50	93 698	12 708,019	199 564,285	15,704	15,239	98	100	31	0,522	0,873	1,674	1,209
49	51	93 149	12 118,517	186 856,266	15,419	14,954							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 285 737,880	22,941	22,476	50	53	92 298	11 518,350	172 794,934	15,002	14,536
1	4	99 217	95 171,886	2 186 102,249	22,970	22,505	51	54	91 625	10 968,142	161 276,584	14,704	14,239
2	5	99 169	91 248,546	2 090 930,363	22,915	22,449	52	55	90 894	10 437,127	150 308,442	14,401	13,936
3	6	99 141	87 503,817	1 999 681,817	22,853	22,387	53	56	90 091	9 923,148	139 871,315	14,095	13,630
4	7	99 119	83 917,113	1 912 178,000	22,787	22,321	54	57	89 234	9 428,100	129 948,166	13,783	13,318
5	8	99 096	80 477,709	1 828 260,886	22,718	22,252	55	58	88 297	8 948,710	120 520,066	13,468	13,003
6	9	99 078	77 183,117	1 747 783,178	22,645	22,179	56	59	87 288	8 485,809	111 571,356	13,148	12,683
7	10	99 062	74 024,058	1 670 600,061	22,568	22,103	57	60	86 223	8 040,624	103 085,548	12,821	12,355
8	11	99 044	70 993,704	1 596 576,003	22,489	22,024	58	61	85 069	7 609,564	95 044,924	12,490	12,025
9	12	99 027	68 087,521	1 525 582,299	22,406	21,941	59	62	83 837	7 193,664	87 435,360	12,154	11,689
10	13	99 011	65 301,158	1 457 494,779	22,320	21,854	60	63	82 512	6 791,289	80 241,697	11,815	11,350
11	14	98 992	62 627,238	1 392 193,621	22,230	21,765	61	64	81 093	6 402,371	73 450,408	11,472	11,007
12	15	98 970	60 060,812	1 329 566,383	22,137	21,672	62	65	79 604	6 028,626	67 048,037	11,122	10,656
13	16	98 946	57 598,456	1 269 505,571	22,041	21,575	63	66	78 016	5 667,537	61 019,411	10,766	10,301
14	17	98 922	55 236,599	1 211 907,114	21,940	21,475	64	67	76 359	5 320,986	55 351,874	10,403	9,937
15	18	98 888	52 966,710	1 156 670,515	21,838	21,372	65	68	74 583	4 985,329	50 030,888	10,036	9,570
16	19	98 847	50 786,151	1 103 703,805	21,732	21,267	66	69	72 701	4 661,444	45 045,559	9,663	9,198
17	20	98 796	48 690,814	1 052 917,654	21,625	21,159	67	70	70 705	4 348,646	40 384,115	9,287	8,821
18	21	98 742	46 680,018	1 004 226,840	21,513	21,048	68	71	68 601	4 047,220	36 035,470	8,904	8,439
19	22	98 665	44 742,439	957 546,822	21,401	20,936	69	72	66 355	3 755,148	31 988,249	8,519	8,053
20	23	98 589	42 885,146	912 804,383	21,285	20,820	70	73	63 916	3 469,657	28 233,101	8,137	7,672
21	24	98 508	41 102,904	869 919,237	21,164	20,699	71	74	61 327	3 193,365	24 763,444	7,755	7,289
22	25	98 430	39 396,053	828 816,333	21,038	20,573	72	75	58 588	2 926,382	21 570,079	7,371	6,906
23	26	98 352	37 760,300	789 420,280	20,906	20,441	73	76	55 616	2 664,694	18 643,697	6,997	6,531
24	27	98 272	36 191,291	751 659,980	20,769	20,304	74	77	52 469	2 411,406	15 979,003	6,626	6,161
25	28	98 190	34 686,910	715 468,689	20,626	20,161	75	78	49 110	2 165,051	13 567,597	6,267	5,801
26	29	98 106	33 244,459	680 781,778	20,478	20,013	76	79	45 591	1 927,972	11 402,546	5,914	5,449
27	30	98 019	31 860,855	647 537,319	20,324	19,859	77	80	41 941	1 701,323	9 474,573	5,569	5,104
28	31	97 930	30 534,245	615 676,464	20,163	19,698	78	81	38 128	1 483,594	7 773,250	5,239	4,774
29	32	97 838	29 261,750	585 142,219	19,997	19,532	79	82	34 225	1 277,417	6 289,657	4,924	4,459
30	33	97 741	28 041,052	555 880,469	19,824	19,359	80	83	30 323	1 085,644	5 012,239	4,617	4,152
31	34	97 641	26 870,298	527 839,417	19,644	19,179	81	84	26 428	907,617	3 926,595	4,326	3,861
32	35	97 529	25 745,309	500 969,119	19,459	18,993	82	85	22 641	745,846	3 018,978	4,048	3,583
33	36	97 414	24 666,787	475 223,810	19,266	18,801	83	86	19 004	600,531	2 273,132	3,785	3,320
34	37	97 298	23 632,977	450 557,023	19,065	18,600	84	87	15 617	473,387	1 672,601	3,533	3,068
35	38	97 168	22 639,276	426 924,046	18,858	18,392	85	88	12 440	361,707	1 199,214	3,315	2,850
36	39	97 027	21 684,744	404 284,770	18,644	18,179	86	89	9 652	269,204	837,507	3,111	2,646
37	40	96 870	20 767,124	382 600,026	18,423	17,958	87	90	7 260	194,230	568,303	2,926	2,461
38	41	96 706	19 886,643	361 832,902	18,195	17,730	88	91	5 307	136,184	374,073	2,747	2,282
39	42	96 521	19 039,544	341 946,259	17,960	17,495	89	92	3 726	91,721	237,889	2,594	2,128
40	43	96 317	18 224,657	322 906,716	17,718	17,253	90	93	2 525	59,629	146,168	2,451	1,986
41	44	96 084	17 439,423	304 682,059	17,471	17,006	91	94	1 663	37,660	86,539	2,298	1,833
42	45	95 833	16 684,726	287 242,636	17,216	16,751	92	95	1 038	22,548	48,879	2,168	1,703
43	46	95 549	15 957,112	270 557,910	16,955	16,490	93	96	614	12,792	26,331	2,058	1,593
44	47	95 217	15 253,453	254 600,797	16,691	16,226	94	97	346	6,916	13,539	1,958	1,492
45	48	94 850	14 575,134	239 347,344	16,422	15,956	95	98	185	3,549	6,623	1,866	1,401
46	49	94 446	13 921,399	224 772,210	16,146	15,681	96	99	94	1,724	3,074	1,783	1,318
47	50	93 988	13 289,217	210 850,811	15,866	15,401	97	100	45	0,790	1,350	1,708	1,243
48	51	93 479	12 678,327	197 561,594	15,583	15,117							
49	52	92 917	12 088,333	184 883,267	15,294	14,829							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 282 992,284	22,917	22,451	50	54	92 018	11 483,344	170 711,720	14,866	14,401
1	5	99 205	95 160,480	2 183 370,939	22,944	22,479	51	55	91 333	10 933,196	159 228,376	14,564	14,099
2	6	99 161	91 240,292	2 088 210,459	22,887	22,422	52	56	90 567	10 399,579	148 295,180	14,260	13,795
3	7	99 133	87 496,802	1 996 970,167	22,823	22,358	53	57	89 749	9 885,511	137 895,601	13,949	13,484
4	8	99 110	83 910,102	1 909 473,366	22,756	22,291	54	58	88 866	9 389,197	128 010,090	13,634	13,169
5	9	99 090	80 472,710	1 825 563,263	22,685	22,220	55	59	87 894	8 907,907	118 620,893	13,316	12,851
6	10	99 072	77 178,217	1 745 090,553	22,611	22,146	56	60	86 871	8 445,260	109 712,986	12,991	12,526
7	11	99 054	74 018,095	1 667 912,336	22,534	22,069	57	61	85 752	7 996,659	101 267,726	12,664	12,199
8	12	99 036	70 988,065	1 593 894,242	22,453	21,988	58	62	84 585	7 566,300	93 271,067	12,327	11,862
9	13	99 019	68 082,302	1 522 906,177	22,369	21,903	59	63	83 311	7 148,525	85 704,767	11,989	11,524
10	14	99 001	65 294,734	1 454 823,875	22,281	21,816	60	64	81 962	6 746,000	78 556,242	11,645	11,180
11	15	98 980	62 619,485	1 389 529,141	22,190	21,725	61	65	80 509	6 356,301	71 810,242	11,297	10,832
12	16	98 957	60 052,670	1 326 909,656	22,096	21,631	62	66	78 988	5 981,949	65 453,941	10,942	10,477
13	17	98 930	57 589,197	1 266 856,986	21,998	21,533	63	67	77 375	5 620,951	59 471,991	10,580	10,115
14	18	98 904	55 226,903	1 209 267,789	21,896	21,431	64	68	75 670	5 272,992	53 851,040	10,213	9,747
15	19	98 866	52 955,140	1 154 040,886	21,793	21,328	65	69	73 852	4 936,497	48 578,048	9,841	9,375
16	20	98 825	50 775,230	1 101 085,746	21,685	21,220	66	70	71 904	4 610,319	43 641,551	9,466	9,001
17	21	98 775	48 680,541	1 050 310,516	21,576	21,110	67	71	69 860	4 296,687	39 031,232	9,084	8,619
18	22	98 720	46 669,928	1 001 629,976	21,462	20,997	68	72	67 685	3 993,218	34 734,545	8,698	8,233
19	23	98 643	44 732,157	954 960,047	21,348	20,883	69	73	65 328	3 697,037	30 741,327	8,315	7,850
20	24	98 567	42 875,391	910 227,890	21,230	20,764	70	74	62 808	3 409,509	27 044,290	7,932	7,467
21	25	98 485	41 093,559	867 352,499	21,107	20,642	71	75	60 142	3 131,656	23 634,781	7,547	7,082
22	26	98 408	39 387,274	826 258,940	20,978	20,513	72	76	57 282	2 861,179	20 503,125	7,166	6,701
23	27	98 326	37 750,212	786 871,665	20,844	20,379	73	77	54 206	2 597,151	17 641,946	6,793	6,328
24	28	98 247	36 181,949	749 121,453	20,704	20,239	74	78	50 949	2 341,585	15 044,795	6,425	5,960
25	29	98 164	34 677,901	712 939,504	20,559	20,094	75	79	47 477	2 093,046	12 703,210	6,069	5,604
26	30	98 079	33 235,238	678 261,603	20,408	19,943	76	80	43 879	1 855,576	10 610,164	5,718	5,253
27	31	97 992	31 852,111	645 026,365	20,251	19,785	77	81	40 122	1 627,531	8 754,589	5,379	4,914
28	32	97 898	30 524,290	613 174,254	20,088	19,623	78	82	36 241	1 410,162	7 127,057	5,054	4,589
29	33	97 804	29 251,616	582 649,964	19,919	19,453	79	83	32 279	1 204,773	5 716,895	4,745	4,280
30	34	97 706	28 030,907	553 398,348	19,742	19,277	80	84	28 353	1 015,122	4 512,122	4,445	3,980
31	35	97 601	26 859,394	525 367,441	19,560	19,095	81	85	24 473	840,466	3 497,000	4,161	3,696
32	36	97 487	25 734,338	498 508,048	19,371	18,906	82	86	20 709	682,229	2 656,534	3,894	3,429
33	37	97 369	24 655,285	472 773,710	19,175	18,710	83	87	17 167	542,490	1 974,305	3,639	3,174
34	38	97 247	23 620,530	448 118,426	18,972	18,506	84	88	13 827	419,108	1 431,815	3,416	2,951
35	39	97 111	22 625,928	424 497,896	18,762	18,296	85	89	10 879	316,326	1 012,707	3,201	2,736
36	40	96 959	21 669,494	401 871,967	18,546	18,080	86	90	8 303	231,578	696,381	3,007	2,542
37	41	96 801	20 752,321	380 202,474	18,321	17,856	87	91	6 184	165,446	464,803	2,809	2,344
38	42	96 625	19 870,117	359 450,152	18,090	17,625	88	92	4 388	112,605	299,357	2,658	2,193
39	43	96 430	19 021,533	339 580,035	17,852	17,387	89	93	3 022	74,387	186,752	2,511	2,045
40	44	96 215	18 205,420	320 558,502	17,608	17,143	90	94	2 003	47,292	112,365	2,376	1,911
41	45	95 975	17 419,702	302 353,082	17,357	16,892	91	95	1 288	29,172	65,073	2,231	1,765
42	46	95 703	16 662,159	284 933,380	17,101	16,635	92	96	784	17,036	35,901	2,107	1,642
43	47	95 401	15 932,364	268 271,221	16,838	16,373	93	97	452	9,415	18,864	2,004	1,538
44	48	95 052	15 226,982	252 338,857	16,572	16,107	94	98	248	4,952	9,449	1,908	1,443
45	49	94 674	14 548,127	237 111,875	16,298	15,833	95	99	129	2,469	4,497	1,821	1,356
46	50	94 248	13 892,274	222 563,748	16,021	15,555	96	100	63	1,164	2,028	1,743	1,278
47	51	93 769	13 258,167	208 671,473	15,739	15,274							
48	52	93 246	12 646,748	195 413,306	15,452	14,986							
49	53	92 659	12 054,838	182 766,558	15,161	14,696							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 280 050,372	22,890	22,425	50	55	91 725	11 446,756	168 482,969	14,719	14,254
1	6	99 196	95 151,872	2 180 440,967	22,915	22,450	51	56	91 004	10 893,863	157 036,212	14,415	13,950
2	7	99 153	91 232,976	2 085 289,095	22,857	22,392	52	57	90 224	10 360,135	146 142,349	14,106	13,641
3	8	99 125	87 489,492	1 994 056,119	22,792	22,327	53	58	89 379	9 844,721	135 782,214	13,792	13,327
4	9	99 104	83 904,891	1 906 566,627	22,723	22,258	54	59	88 461	9 346,386	125 937,493	13,474	13,009
5	10	99 084	80 467,602	1 822 661,736	22,651	22,186	55	60	87 474	8 865,342	116 591,108	13,151	12,686
6	11	99 064	77 171,999	1 742 194,135	22,575	22,110	56	61	86 396	8 399,083	107 725,766	12,826	12,361
7	12	99 046	74 012,216	1 665 022,135	22,497	22,031	57	62	85 264	7 951,194	99 326,683	12,492	12,027
8	13	99 029	70 982,624	1 591 009,920	22,414	21,949	58	63	84 055	7 518,823	91 375,489	12,153	11,688
9	14	99 009	68 075,604	1 520 027,296	22,329	21,863	59	64	82 756	7 100,854	83 856,667	11,809	11,344
10	15	98 989	65 286,651	1 451 951,692	22,240	21,774	60	65	81 372	6 697,457	76 755,812	11,460	10,995
11	16	98 966	62 610,996	1 386 665,041	22,147	21,682	61	66	79 886	6 307,088	70 058,355	11,108	10,643
12	17	98 941	60 043,016	1 324 054,044	22,052	21,587	62	67	78 338	5 932,779	63 751,267	10,746	10,280
13	18	98 913	57 579,088	1 264 011,028	21,953	21,487	63	68	76 677	5 570,252	57 818,488	10,380	9,915
14	19	98 883	55 214,839	1 206 431,941	21,850	21,385	64	69	74 929	5 221,343	52 248,236	10,007	9,541
15	20	98 845	52 943,752	1 151 217,101	21,744	21,279	65	70	73 042	4 882,355	47 026,893	9,632	9,167
16	21	98 805	50 764,517	1 098 273,350	21,635	21,169	66	71	71 045	4 555,234	42 144,538	9,252	8,787
17	22	98 754	48 670,019	1 047 508,833	21,523	21,057	67	72	68 928	4 239,356	37 589,305	8,867	8,402
18	23	98 698	46 659,204	998 838,814	21,407	20,942	68	73	66 638	3 931,423	33 349,948	8,483	8,018
19	24	98 620	44 721,983	952 179,610	21,291	20,826	69	74	64 196	3 632,947	29 418,525	8,098	7,632
20	25	98 544	42 865,643	907 457,628	21,170	20,705	70	75	61 594	3 343,624	25 785,578	7,712	7,247
21	26	98 463	41 084,402	864 591,984	21,044	20,579	71	76	58 802	3 061,879	22 441,954	7,329	6,864
22	27	98 381	39 376,752	823 507,583	20,914	20,448	72	77	55 830	2 788,655	19 380,075	6,950	6,484
23	28	98 301	37 740,468	784 130,831	20,777	20,312	73	78	52 637	2 521,952	16 591,421	6,579	6,114
24	29	98 221	36 172,551	746 390,363	20,634	20,169	74	79	49 255	2 263,709	14 069,469	6,215	5,750
25	30	98 137	34 668,283	710 217,812	20,486	20,021	75	80	45 694	2 014,450	11 805,760	5,861	5,395
26	31	98 052	33 226,117	675 549,529	20,332	19,867	76	81	41 976	1 775,093	9 791,310	5,516	5,051
27	32	97 960	31 841,726	642 323,412	20,172	19,707	77	82	38 136	1 546,975	8 016,216	5,182	4,717
28	33	97 864	30 513,718	610 481,686	20,007	19,542	78	83	34 180	1 329,969	6 469,241	4,864	4,399
29	34	97 768	29 241,033	579 967,968	19,834	19,369	79	84	30 182	1 126,512	5 139,272	4,562	4,097
30	35	97 666	28 019,531	550 726,935	19,655	19,190	80	85	26 256	940,017	4 012,759	4,269	3,804
31	36	97 559	26 847,947	522 707,404	19,469	19,004	81	86	22 385	768,778	3 072,742	3,997	3,532
32	37	97 442	25 722,337	495 859,456	19,277	18,812	82	87	18 708	616,293	2 303,964	3,738	3,273
33	38	97 318	24 642,299	470 137,119	19,078	18,613	83	88	15 199	480,288	1 687,671	3,514	3,049
34	39	97 190	23 606,604	445 494,820	18,872	18,406	84	89	12 092	366,525	1 207,384	3,294	2,829
35	40	97 043	22 610,016	421 888,217	18,659	18,194	85	90	9 359	272,114	840,858	3,090	2,625
36	41	96 890	21 654,048	399 278,200	18,439	17,974	86	91	7 073	197,259	568,745	2,883	2,418
37	42	96 721	20 735,077	377 624,152	18,212	17,747	87	92	5 113	136,800	371,486	2,716	2,250
38	43	96 534	19 851,321	356 889,076	17,978	17,513	88	93	3 559	91,324	234,686	2,570	2,105
39	44	96 328	19 001,455	337 037,755	17,737	17,272	89	94	2 397	58,998	143,362	2,430	1,965
40	45	96 106	18 184,833	318 036,299	17,489	17,024	90	95	1 551	36,633	84,364	2,303	1,838
41	46	95 845	17 396,141	299 851,467	17,237	16,771	91	96	973	22,041	47,731	2,166	1,700
42	47	95 555	16 636,317	282 455,326	16,978	16,513	92	97	577	12,539	25,690	2,049	1,584
43	48	95 235	15 904,715	265 819,008	16,713	16,248	93	98	323	6,741	13,151	1,951	1,486
44	49	94 876	15 198,767	249 914,294	16,443	15,978	94	99	172	3,445	6,409	1,860	1,395
45	50	94 476	14 517,691	234 715,527	16,168	15,702	95	100	87	1,667	2,964	1,778	1,313
46	51	94 028	13 859,816	220 197,835	15,888	15,422							
47	52	93 535	13 225,144	206 338,020	15,602	15,137							
48	53	92 988	12 611,706	193 112,876	15,312	14,847							
49	54	92 378	12 018,201	180 501,170	15,019	14,554							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 276 899,427	22,860	22,395	50	56	91 395	11 405,576	166 102,292	14,563	14,098
1	7	99 188	95 144,243	2 177 299,032	22,884	22,419	51	57	90 659	10 852,544	154 696,716	14,254	13,789
2	8	99 144	91 225,354	2 082 154,790	22,824	22,359	52	58	89 851	10 317,386	143 844,172	13,942	13,477
3	9	99 119	87 484,058	1 990 929,435	22,758	22,292	53	59	88 971	9 799,832	133 526,785	13,625	13,160
4	10	99 098	83 899,564	1 903 445,377	22,687	22,222	54	60	88 038	9 301,725	123 726,953	13,302	12,836
5	11	99 076	80 461,119	1 819 545,813	22,614	22,149	55	61	86 996	8 816,867	114 425,228	12,978	12,513
6	12	99 056	77 165,870	1 739 084,694	22,537	22,072	56	62	85 904	8 351,330	105 608,361	12,646	12,180
7	13	99 038	74 006,543	1 661 918,824	22,456	21,991	57	63	84 729	7 901,302	97 257,031	12,309	11,844
8	14	99 019	70 975,641	1 587 912,282	22,373	21,907	58	64	83 494	7 468,682	89 355,729	11,964	11,499
9	15	98 997	68 067,177	1 516 936,641	22,286	21,821	59	65	82 160	7 049,758	81 887,046	11,616	11,150
10	16	98 975	65 277,801	1 448 869,464	22,195	21,730	60	66	80 742	6 645,603	74 837,289	11,261	10,796
11	17	98 950	62 600,931	1 383 591,663	22,102	21,637	61	67	79 229	6 255,245	68 191,686	10,902	10,436
12	18	98 923	60 032,476	1 320 990,732	22,005	21,539	62	68	77 632	5 879,268	61 936,441	10,535	10,070
13	19	98 891	57 566,510	1 260 958,256	21,904	21,439	63	69	75 926	5 515,691	56 057,173	10,163	9,698
14	20	98 862	55 202,965	1 203 391,746	21,799	21,334	64	70	74 107	5 164,077	50 541,482	9,787	9,322
15	21	98 824	52 932,581	1 148 188,781	21,692	21,226	65	71	72 169	4 824,020	45 377,405	9,407	8,941
16	22	98 783	50 753,544	1 095 256,199	21,580	21,115	66	72	70 097	4 494,453	40 553,386	9,023	8,558
17	23	98 731	48 658,834	1 044 502,655	21,466	21,001	67	73	67 861	4 173,752	36 058,933	8,639	8,174
18	24	98 675	46 648,591	995 843,821	21,348	20,883	68	74	65 483	3 863,270	31 885,181	8,253	7,788
19	25	98 598	44 711,815	949 195,230	21,229	20,764	69	75	62 955	3 562,744	28 021,911	7,865	7,400
20	26	98 522	42 856,091	904 483,415	21,105	20,640	70	76	60 222	3 269,124	24 459,167	7,482	7,017
21	27	98 437	41 073,426	861 627,324	20,978	20,513	71	77	57 311	2 984,267	21 190,043	7,101	6,635
22	28	98 356	39 366,587	820 553,898	20,844	20,379	72	78	54 214	2 707,911	18 205,776	6,723	6,258
23	29	98 275	37 730,665	781 187,311	20,704	20,239	73	79	50 886	2 438,077	15 497,865	6,357	5,891
24	30	98 194	36 162,519	743 456,646	20,559	20,094	74	80	47 405	2 178,705	13 059,788	5,994	5,529
25	31	98 110	34 658,768	707 294,127	20,407	19,942	75	81	43 712	1 927,077	10 881,083	5,646	5,181
26	32	98 020	33 215,285	672 635,359	20,251	19,786	76	82	39 898	1 687,234	8 954,006	5,307	4,842
27	33	97 926	31 830,698	639 420,074	20,088	19,623	77	83	35 968	1 459,002	7 266,772	4,981	4,515
28	34	97 829	30 502,679	607 589,376	19,919	19,454	78	84	31 960	1 243,576	5 807,770	4,670	4,205
29	35	97 729	29 229,166	577 086,698	19,744	19,278	79	85	27 949	1 043,166	4 564,194	4,375	3,910
30	36	97 624	28 007,591	547 857,532	19,561	19,096	80	86	24 016	859,838	3 521,028	4,095	3,630
31	37	97 514	26 835,428	519 849,941	19,372	18,907	81	87	20 222	694,477	2 661,190	3,832	3,367
32	38	97 390	25 708,789	493 014,513	19,177	18,712	82	88	16 563	545,628	1 966,713	3,604	3,139
33	39	97 260	24 627,770	467 305,724	18,975	18,510	83	89	13 292	420,030	1 421,085	3,383	2,918
34	40	97 121	23 590,002	442 677,954	18,765	18,300	84	90	10 402	315,297	1 001,056	3,175	2,710
35	41	96 974	22 593,900	419 087,951	18,549	18,084	85	91	7 972	231,788	685,759	2,959	2,493
36	42	96 809	21 636,054	396 494,051	18,326	17,860	86	92	5 848	163,105	453,971	2,783	2,318
37	43	96 629	20 715,462	374 857,997	18,096	17,630	87	93	4 147	110,947	290,867	2,622	2,156
38	44	96 432	19 830,367	354 142,535	17,859	17,393	88	94	2 822	72,431	179,920	2,484	2,019
39	45	96 219	18 979,968	334 312,168	17,614	17,149	89	95	1 856	45,700	107,489	2,352	1,887
40	46	95 976	18 160,236	315 332,200	17,364	16,899	90	96	1 172	27,678	61,789	2,232	1,767
41	47	95 697	17 369,161	297 171,964	17,109	16,644	91	97	716	16,222	34,111	2,103	1,637
42	48	95 389	16 607,446	279 802,803	16,848	16,383	92	98	413	8,978	17,888	1,992	1,527
43	49	95 059	15 875,244	263 195,356	16,579	16,114	93	99	225	4,690	8,910	1,900	1,434
44	50	94 677	15 166,970	247 320,112	16,306	15,841	94	100	116	2,326	4,220	1,814	1,349
45	51	94 255	14 483,771	232 153,142	16,029	15,563							
46	52	93 794	13 825,294	217 669,371	15,744	15,279							
47	53	93 276	13 188,499	203 844,077	15,456	14,991							
48	54	92 705	12 573,377	190 655,578	15,163	14,698							
49	55	92 083	11 979,909	178 082,201	14,865	14,400							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 273 526,032	22,828	22,363	50	57	91 048	11 362,316	163 566,640	14,396	13,930
1	8	99 180	95 136,294	2 173 933,624	22,851	22,386	51	58	90 285	10 807,763	152 204,324	14,083	13,618
2	9	99 138	91 219,688	2 078 797,329	22,789	22,324	52	59	89 442	10 270,343	141 396,560	13,767	13,302
3	10	99 113	87 478,504	1 987 577,641	22,721	22,256	53	60	88 546	9 753,005	131 126,218	13,445	12,979
4	11	99 090	83 892,805	1 900 099,137	22,649	22,184	54	61	87 557	9 250,865	121 373,213	13,120	12,655
5	12	99 068	80 454,729	1 816 206,332	22,574	22,109	55	62	86 501	8 766,739	112 122,348	12,790	12,324
6	13	99 049	77 159,955	1 735 751,604	22,495	22,030	56	63	85 365	8 298,927	103 555,609	12,454	11,989
7	14	99 028	73 999,262	1 658 591,648	22,414	21,948	57	64	84 164	7 848,611	95 056,682	12,111	11,646
8	15	99 007	70 966,855	1 584 592,386	22,329	21,863	58	65	82 893	7 414,939	87 208,071	11,761	11,296
9	16	98 984	68 057,950	1 513 625,531	22,240	21,775	59	66	81 524	6 995,175	79 793,131	11,407	10,942
10	17	98 959	65 267,306	1 445 567,582	22,148	21,683	60	67	80 078	6 590,978	72 797,956	11,045	10,580
11	18	98 933	62 589,942	1 380 300,275	22,053	21,588	61	68	78 514	6 198,825	66 206,978	10,681	10,215
12	19	98 902	60 019,363	1 317 710,333	21,955	21,490	62	69	76 871	5 821,680	60 008,154	10,308	9,842
13	20	98 870	57 554,130	1 257 690,970	21,852	21,387	63	70	75 094	5 455,197	54 186,474	9,933	9,468
14	21	98 841	55 191,318	1 200 136,840	21,745	21,280	64	71	73 222	5 102,375	48 731,277	9,551	9,085
15	22	98 803	52 921,140	1 144 945,522	21,635	21,170	65	72	71 206	4 759,653	43 628,902	9,166	8,701
16	23	98 761	50 741,881	1 092 024,382	21,521	21,056	66	73	69 012	4 424,901	38 869,249	8,784	8,319
17	24	98 709	48 647,767	1 041 282,501	21,405	20,939	67	74	66 685	4 101,398	34 444,349	8,398	7,933
18	25	98 653	46 637,985	992 634,734	21,284	20,819	68	75	64 217	3 788,616	30 342,950	8,009	7,544
19	26	98 576	44 701,851	945 996,749	21,162	20,697	69	76	61 553	3 483,362	26 554,335	7,623	7,158
20	27	98 496	42 844,642	901 294,898	21,036	20,571	70	77	58 696	3 186,259	23 070,973	7,241	6,776
21	28	98 412	41 062,823	858 450,256	20,906	20,441	71	78	55 652	2 897,860	19 884,714	6,862	6,397
22	29	98 331	39 356,362	817 387,433	20,769	20,304	72	79	52 411	2 617,851	16 986,854	6,489	6,024
23	30	98 248	37 720,200	778 031,070	20,626	20,161	73	80	48 975	2 346,525	14 369,002	6,124	5,658
24	31	98 167	36 152,594	740 310,870	20,477	20,012	74	81	45 349	2 084,208	12 022,477	5,768	5,303
25	32	98 078	34 647,469	704 158,276	20,324	19,858	75	82	41 549	1 831,695	9 938,269	5,426	4,961
26	33	97 986	33 203,781	669 510,808	20,164	19,698	76	83	37 630	1 591,284	8 106,574	5,094	4,629
27	34	97 891	31 819,182	636 307,027	19,998	19,532	77	84	33 631	1 364,227	6 515,290	4,776	4,311
28	35	97 789	30 490,300	604 487,845	19,826	19,360	78	85	29 595	1 151,569	5 151,063	4,473	4,008
29	36	97 687	29 216,710	573 997,545	19,646	19,181	79	86	25 565	954,189	3 999,494	4,192	3,726
30	37	97 579	27 994,530	544 780,835	19,460	18,995	80	87	21 695	776,736	3 045,305	3,921	3,455
31	38	97 463	26 821,294	516 786,305	19,268	18,803	81	88	17 903	614,847	2 268,570	3,690	3,224
32	39	97 333	25 693,632	489 965,011	19,070	18,604	82	89	14 485	477,172	1 653,722	3,466	3,000
33	40	97 192	24 610,451	464 271,379	18,865	18,400	83	90	11 434	361,323	1 176,550	3,256	2,791
34	41	97 052	23 573,187	439 660,928	18,651	18,186	84	91	8 860	268,571	815,228	3,035	2,570
35	42	96 893	22 575,125	416 087,741	18,431	17,966	85	92	6 592	191,655	546,657	2,852	2,387
36	43	96 718	21 615,587	393 512,616	18,205	17,740	86	93	4 743	132,281	355,002	2,684	2,218
37	44	96 527	20 693,596	371 897,028	17,972	17,506	87	94	3 289	87,994	222,722	2,531	2,066
38	45	96 323	19 807,943	351 203,432	17,730	17,265	88	95	2 186	56,106	134,728	2,401	1,936
39	46	96 089	18 954,296	331 395,490	17,484	17,019	89	96	1 403	34,529	78,622	2,277	1,812
40	47	95 827	18 132,071	312 441,194	17,231	16,766	90	97	863	20,371	44,093	2,164	1,699
41	48	95 531	17 339,018	294 309,122	16,974	16,509	91	98	513	11,616	23,722	2,042	1,577
42	49	95 212	16 576,673	276 970,104	16,708	16,243	92	99	287	6,246	12,106	1,938	1,473
43	50	94 860	15 842,032	260 393,430	16,437	15,972	93	100	152	3,166	5,859	1,851	1,385
44	51	94 456	15 131,533	244 551,399	16,162	15,696							
45	52	94 020	14 447,695	229 419,866	15,879	15,414							
46	53	93 534	13 786,986	214 972,170	15,592	15,127							
47	54	92 993	13 148,417	201 185,184	15,301	14,836							
48	55	92 410	12 533,316	188 036,767	15,003	14,538							
49	56	91 752	11 936,811	175 503,451	14,703	14,237							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 269 918,651	22,794	22,329	50	58	90 672	11 315,432	160 870,686	14,217	13,752
1	9	99 173	95 130,385	2 170 334,562	22,814	22,349	51	59	89 873	10 758,484	149 555,254	13,901	13,436
2	10	99 132	91 213,897	2 075 204,177	22,751	22,286	52	60	89 014	10 221,267	138 796,770	13,579	13,114
3	11	99 105	87 471,457	1 983 990,280	22,682	22,216	53	61	88 062	9 699,677	128 575,503	13,256	12,790
4	12	99 082	83 886,142	1 896 518,823	22,608	22,143	54	62	87 059	9 198,269	118 875,826	12,924	12,458
5	13	99 060	80 448,562	1 812 632,681	22,532	22,066	55	63	85 958	8 711,730	109 677,557	12,590	12,124
6	14	99 039	77 152,365	1 732 184,120	22,451	21,986	56	64	84 796	8 243,585	100 965,827	12,248	11,783
7	15	99 016	73 990,102	1 655 031,755	22,368	21,903	57	65	83 559	7 792,134	92 722,242	11,899	11,434
8	16	98 993	70 957,234	1 581 041,653	22,282	21,816	58	66	82 251	7 357,530	84 930,108	11,543	11,078
9	17	98 968	68 047,008	1 510 084,419	22,192	21,727	59	67	80 854	6 937,677	77 572,579	11,181	10,716
10	18	98 942	65 255,850	1 442 037,410	22,098	21,633	60	68	79 356	6 531,529	70 634,902	10,814	10,349
11	19	98 911	62 576,270	1 376 781,561	22,002	21,536	61	69	77 745	6 138,106	64 103,372	10,444	9,978
12	20	98 881	60 006,455	1 314 205,291	21,901	21,436	62	70	76 028	5 757,829	57 965,266	10,067	9,602
13	21	98 849	57 541,987	1 254 198,835	21,796	21,331	63	71	74 196	5 390,017	52 207,437	9,686	9,221
14	22	98 819	55 179,389	1 196 656,849	21,687	21,221	64	72	72 245	5 034,294	46 817,420	9,300	8,834
15	23	98 780	52 908,979	1 141 477,460	21,574	21,109	65	73	70 105	4 685,996	41 783,125	8,917	8,451
16	24	98 738	50 730,340	1 088 568,481	21,458	20,993	66	74	67 816	4 348,193	37 097,129	8,532	8,066
17	25	98 686	48 636,707	1 037 838,141	21,339	20,873	67	75	65 396	4 022,142	32 748,936	8,142	7,677
18	26	98 631	46 627,592	989 201,435	21,215	20,750	68	76	62 787	3 704,201	28 726,793	7,755	7,290
19	27	98 550	44 689,909	942 573,842	21,091	20,626	69	77	59 992	3 395,067	25 022,592	7,370	6,905
20	28	98 470	42 833,582	897 883,934	20,962	20,497	70	78	56 996	3 094,003	21 627,525	6,990	6,525
21	29	98 386	41 052,158	855 050,352	20,828	20,363	71	79	53 801	2 801,483	18 533,522	6,616	6,150
22	30	98 303	39 345,447	813 998,194	20,688	20,223	72	80	50 443	2 519,549	15 732,040	6,244	5,779
23	31	98 221	37 709,848	774 652,747	20,542	20,077	73	81	46 851	2 244,749	13 212,490	5,886	5,421
24	32	98 135	36 140,807	736 942,899	20,391	19,926	74	82	43 105	1 981,048	10 967,741	5,536	5,071
25	33	98 044	34 635,469	700 802,092	20,234	19,768	75	83	39 186	1 727,531	8 986,693	5,202	4,737
26	34	97 951	33 191,768	666 166,623	20,070	19,605	76	84	35 185	1 487,916	7 259,163	4,879	4,414
27	35	97 851	31 806,269	632 974,855	19,901	19,436	77	85	31 143	1 263,293	5 771,247	4,568	4,103
28	36	97 748	30 477,307	601 168,586	19,725	19,260	78	86	27 071	1 053,345	4 507,953	4,280	3,814
29	37	97 642	29 203,086	570 691,279	19,542	19,077	79	87	23 094	861,968	3 454,608	4,008	3,543
30	38	97 527	27 979,786	541 488,194	19,353	18,888	80	88	19 207	687,674	2 592,640	3,770	3,305
31	39	97 405	26 805,481	513 508,408	19,157	18,692	81	89	15 657	537,707	1 904,966	3,543	3,078
32	40	97 264	25 675,563	486 702,928	18,956	18,491	82	90	12 460	410,478	1 367,259	3,331	2,866
33	41	97 123	24 592,908	461 027,365	18,746	18,281	83	91	9 740	307,776	956,780	3,109	2,643
34	42	96 971	23 553,599	436 434,456	18,529	18,064	84	92	7 326	222,069	649,005	2,923	2,457
35	43	96 801	22 553,770	412 880,858	18,307	17,841	85	93	5 346	155,435	426,935	2,747	2,281
36	44	96 615	21 592,771	390 327,088	18,077	17,612	86	94	3 762	104,914	271,500	2,588	2,123
37	45	96 418	20 670,195	368 734,317	17,839	17,374	87	95	2 548	68,161	166,586	2,444	1,979
38	46	96 193	19 781,151	348 064,121	17,596	17,131	88	96	1 652	42,391	98,425	2,322	1,857
39	47	95 940	18 924,900	328 282,970	17,347	16,881	89	97	1 032	25,414	56,035	2,205	1,740
40	48	95 661	18 100,605	309 358,071	17,091	16,626	90	98	618	14,587	30,621	2,099	1,634
41	49	95 354	17 306,890	291 257,466	16,829	16,364	91	99	357	8,081	16,034	1,984	1,519
42	50	95 013	16 541,994	273 950,576	16,561	16,096	92	100	194	4,217	7,953	1,886	1,421
43	51	94 638	15 805,018	257 408,582	16,287	15,821							
44	52	94 221	15 093,843	241 603,565	16,007	15,542							
45	53	93 760	14 407,663	226 509,721	15,721	15,256							
46	54	93 249	13 745,085	212 102,058	15,431	14,966							
47	55	92 696	13 106,524	198 356,973	15,134	14,669							
48	56	92 077	12 488,227	185 250,449	14,834	14,369							
49	57	91 404	11 891,536	172 762,222	14,528	14,063							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 266 067,148	22,757	22,292	50	59	90 259	11 263,838	158 010,961	14,028	13,563
1	10	99 167	95 124,346	2 166 489,245	22,775	22,310	51	60	89 444	10 707,076	146 747,123	13,706	13,240
2	11	99 124	91 206,549	2 071 364,899	22,711	22,245	52	61	88 528	10 165,379	136 040,047	13,383	12,917
3	12	99 097	87 464,509	1 980 158,350	22,640	22,174	53	62	87 561	9 644,530	125 874,669	13,051	12,586
4	13	99 074	83 879,712	1 892 693,841	22,564	22,099	54	63	86 513	9 140,552	116 230,139	12,716	12,251
5	14	99 050	80 440,648	1 808 814,129	22,486	22,021	55	64	85 385	8 653,634	107 089,587	12,375	11,910
6	15	99 027	77 142,814	1 728 373,481	22,405	21,940	56	65	84 186	8 184,265	98 435,952	12,027	11,562
7	16	99 003	73 980,072	1 651 230,667	22,320	21,855	57	66	82 912	7 731,804	90 251,687	11,673	11,208
8	17	98 977	70 945,827	1 577 250,596	22,232	21,767	58	67	81 575	7 297,052	82 519,883	11,309	10,843
9	18	98 950	68 035,064	1 506 304,768	22,140	21,675	59	68	80 125	6 875,102	75 222,831	10,941	10,476
10	19	98 920	65 241,595	1 438 269,705	22,045	21,580	60	69	78 579	6 467,552	68 347,729	10,568	10,103
11	20	98 890	62 562,813	1 373 028,110	21,946	21,481	61	70	76 893	6 070,786	61 880,177	10,193	9,728
12	21	98 860	59 993,795	1 310 465,297	21,843	21,378	62	71	75 120	5 689,034	55 809,391	9,810	9,345
13	22	98 828	57 529,549	1 250 471,502	21,736	21,271	63	72	73 206	5 318,098	50 120,358	9,424	8,959
14	23	98 797	55 166,709	1 192 941,953	21,624	21,159	64	73	71 127	4 956,388	44 802,260	9,039	8,574
15	24	98 758	52 896,945	1 137 775,244	21,509	21,044	65	74	68 889	4 604,763	39 845,872	8,653	8,188
16	25	98 716	50 718,806	1 084 878,300	21,390	20,925	66	75	66 505	4 264,168	35 241,109	8,264	7,799
17	26	98 664	48 625,868	1 034 159,494	21,268	20,802	67	76	63 939	3 932,524	30 976,941	7,877	7,412
18	27	98 604	46 615,135	985 533,626	21,142	20,677	68	77	61 195	3 610,308	27 044,416	7,491	7,026
19	28	98 524	44 678,373	938 918,490	21,015	20,550	69	78	58 255	3 296,765	23 434,108	7,108	6,643
20	29	98 445	42 822,457	894 240,117	20,883	20,417	70	79	55 101	2 991,103	20 137,343	6,732	6,267
21	30	98 359	41 040,772	851 417,661	20,746	20,280	71	80	51 781	2 696,285	17 146,240	6,359	5,894
22	31	98 276	39 334,648	810 376,889	20,602	20,137	72	81	48 255	2 410,268	14 449,955	5,995	5,530
23	32	98 189	37 697,554	771 042,240	20,453	19,988	73	82	44 532	2 133,643	12 039,687	5,643	5,178
24	33	98 101	36 128,290	733 344,687	20,298	19,833	74	83	40 653	1 868,390	9 906,043	5,302	4,837
25	34	98 009	34 622,938	697 216,396	20,137	19,672	75	84	36 640	1 615,312	8 037,653	4,976	4,511
26	35	97 911	33 178,298	662 593,458	19,971	19,505	76	85	32 582	1 377,831	6 422,342	4,661	4,196
27	36	97 810	31 792,715	629 415,160	19,797	19,332	77	86	28 487	1 155,540	5 044,510	4,365	3,900
28	37	97 702	30 463,094	597 622,446	19,618	19,153	78	87	24 455	951,541	3 888,970	4,087	3,622
29	38	97 590	29 187,704	567 159,351	19,431	18,966	79	88	20 446	763,133	2 937,429	3,849	3,384
30	39	97 470	27 963,289	537 971,647	19,238	18,773	80	89	16 798	601,397	2 174,296	3,615	3,150
31	40	97 337	26 786,629	510 008,357	19,040	18,574	81	90	13 469	462,553	1 572,899	3,400	2,935
32	41	97 195	25 657,262	483 221,728	18,834	18,369	82	91	10 614	349,647	1 110,346	3,176	2,710
33	42	97 042	24 572,472	457 564,467	18,621	18,156	83	92	8 053	254,486	760,699	2,989	2,524
34	43	96 880	23 531,318	432 991,994	18,401	17,935	84	93	5 942	180,102	506,213	2,811	2,345
35	44	96 699	22 529,964	409 460,676	18,174	17,709	85	94	4 240	123,278	326,111	2,645	2,180
36	45	96 506	21 568,353	386 930,713	17,940	17,475	86	95	2 914	81,267	202,833	2,496	2,031
37	46	96 288	20 642,238	365 362,359	17,700	17,235	87	96	1 925	51,499	121,565	2,361	1,895
38	47	96 043	19 750,472	344 720,122	17,454	16,989	88	97	1 216	31,200	70,066	2,246	1,781
39	48	95 774	18 892,057	324 969,650	17,201	16,736	89	98	739	18,197	38,866	2,136	1,671
40	49	95 484	18 067,065	306 077,592	16,941	16,476	90	99	430	10,148	20,669	2,037	1,571
41	50	95 154	17 270,683	288 010,527	16,676	16,211	91	100	241	5,456	10,521	1,928	1,463
42	51	94 791	16 503,344	270 739,845	16,405	15,940							
43	52	94 402	15 765,651	254 236,501	16,126	15,661							
44	53	93 960	15 052,021	238 470,850	15,843	15,378							
45	54	93 475	14 363,876	223 418,829	15,554	15,089							
46	55	92 952	13 701,291	209 054,954	15,258	14,793							
47	56	92 363	13 059,373	195 353,663	14,959	14,494							
48	57	91 728	12 440,861	182 294,290	14,653	14,188							
49	58	91 027	11 842,468	169 853,429	14,343	13,878							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 261 958,812	22,717	22,252	50	60	89 828	11 210,015	154 985,431	13,826	13,360
1	11	99 159	95 116,683	2 162 387,230	22,734	22,269	51	61	88 955	10 648,531	143 775,416	13,502	13,037
2	12	99 116	91 199,305	2 067 270,548	22,668	22,202	52	62	88 024	10 107,584	133 126,885	13,171	12,706
3	13	99 089	87 457,805	1 976 071,242	22,595	22,129	53	63	87 012	9 584,012	123 019,301	12,836	12,371
4	14	99 065	83 871,461	1 888 613,437	22,518	22,053	54	64	85 936	9 079,597	113 435,289	12,493	12,028
5	15	99 038	80 430,690	1 804 741,977	22,438	21,973	55	65	84 771	8 591,364	104 355,692	12,147	11,681
6	16	99 013	77 132,356	1 724 311,287	22,355	21,890	56	66	83 534	8 120,899	95 764,328	11,792	11,327
7	17	98 987	73 968,178	1 647 178,931	22,269	21,804	57	67	82 230	7 668,250	87 643,428	11,429	10,964
8	18	98 960	70 933,373	1 573 210,753	22,179	21,713	58	68	80 840	7 231,236	79 975,178	11,060	10,594
9	19	98 929	68 020,202	1 502 277,379	22,086	21,621	59	69	79 340	6 807,759	72 743,942	10,685	10,220
10	20	98 899	65 227,565	1 434 257,177	21,989	21,523	60	70	77 717	6 396,618	65 936,183	10,308	9,843
11	21	98 869	62 549,613	1 369 029,612	21,887	21,422	61	71	75 974	5 998,251	59 539,565	9,926	9,461
12	22	98 838	59 980,827	1 306 480,000	21,782	21,316	62	72	74 117	5 613,125	53 541,314	9,539	9,073
13	23	98 805	57 516,329	1 246 499,172	21,672	21,207	63	73	72 073	5 235,799	47 928,189	9,154	8,689
14	24	98 774	55 154,161	1 188 982,843	21,557	21,092	64	74	69 894	4 870,467	42 692,390	8,766	8,300
15	25	98 735	52 884,918	1 133 828,682	21,440	20,974	65	75	67 558	4 515,780	37 821,923	8,376	7,910
16	26	98 694	50 707,504	1 080 943,764	21,317	20,852	66	76	65 023	4 169,158	33 306,143	7,989	7,523
17	27	98 638	48 612,877	1 030 236,260	21,193	20,727	67	77	62 319	3 832,844	29 136,985	7,602	7,137
18	28	98 579	46 603,103	981 623,383	21,063	20,598	68	78	59 423	3 505,774	25 304,141	7,218	6,753
19	29	98 499	44 666,768	935 020,281	20,933	20,468	69	79	56 318	3 187,121	21 798,367	6,840	6,374
20	30	98 418	42 810,579	890 353,512	20,798	20,332	70	80	53 031	2 878,785	18 611,246	6,465	6,000
21	31	98 332	41 029,508	847 542,933	20,657	20,192	71	81	49 535	2 579,339	15 732,461	6,099	5,634
22	32	98 244	39 321,824	806 513,424	20,511	20,045	72	82	45 867	2 290,970	13 153,122	5,741	5,276
23	33	98 155	37 684,498	767 191,600	20,358	19,893	73	83	42 000	2 012,308	10 862,152	5,398	4,933
24	34	98 065	36 115,219	729 507,102	20,199	19,734	74	84	38 013	1 747,021	8 849,844	5,066	4,600
25	35	97 969	34 608,887	693 391,883	20,035	19,570	75	85	33 930	1 495,802	7 102,823	4,749	4,283
26	36	97 869	33 164,159	658 782,996	19,864	19,399	76	86	29 803	1 260,309	5 607,022	4,449	3,984
27	37	97 764	31 777,889	625 618,837	19,687	19,222	77	87	25 733	1 043,859	4 346,713	4,164	3,699
28	38	97 651	30 447,050	593 840,948	19,504	19,039	78	88	21 651	842,436	3 302,854	3,921	3,455
29	39	97 533	29 170,496	563 393,898	19,314	18,849	79	89	17 881	667,389	2 460,418	3,687	3,221
30	40	97 401	27 943,624	534 223,402	19,118	18,653	80	90	14 450	517,341	1 793,029	3,466	3,001
31	41	97 267	26 767,536	506 279,778	18,914	18,449	81	91	11 473	394,004	1 275,689	3,238	2,773
32	42	97 114	25 635,941	479 512,242	18,705	18,239	82	92	8 776	289,108	881,685	3,050	2,584
33	43	96 950	24 549,228	453 876,301	18,488	18,023	83	93	6 531	206,393	592,577	2,871	2,406
34	44	96 777	23 506,480	429 327,073	18,264	17,799	84	94	4 712	142,842	386,185	2,704	2,238
35	45	96 590	22 504,486	405 820,594	18,033	17,568	85	95	3 284	95,492	243,343	2,548	2,083
36	46	96 376	21 539,181	383 316,107	17,796	17,331	86	96	2 202	61,402	147,850	2,408	1,943
37	47	96 138	20 610,223	361 776,926	17,553	17,088	87	97	1 417	37,904	86,449	2,281	1,816
38	48	95 877	19 716,197	341 166,703	17,304	16,839	88	98	871	22,341	48,545	2,173	1,708
39	49	95 596	18 857,051	321 450,506	17,047	16,581	89	99	514	12,660	26,204	2,070	1,605
40	50	95 284	18 029,267	302 593,456	16,783	16,318	90	100	290	6,851	13,544	1,977	1,512
41	51	94 932	17 230,330	284 564,188	16,515	16,050							
42	52	94 555	16 462,238	267 333,858	16,239	15,774							
43	53	94 141	15 721,967	250 871,620	15,957	15,492							
44	54	93 674	15 006,275	235 149,654	15,670	15,205							
45	55	93 177	14 318,110	220 143,379	15,375	14,910							
46	56	92 618	13 652,000	205 825,268	15,077	14,611							
47	57	92 013	13 009,840	192 173,268	14,771	14,306							
48	58	91 349	12 389,526	179 163,428	14,461	13,996							
49	59	90 612	11 788,471	166 773,902	14,147	13,682							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 257 583,175	22,675	22,210	50	61	89 336	11 148,720	151 789,814	13,615	13,150
1	12	99 151	95 109,128	2 158 019,615	22,690	22,225	51	62	88 449	10 587,989	140 641,094	13,283	12,818
2	13	99 108	91 192,315	2 062 910,487	22,622	22,156	52	63	87 472	10 044,161	130 053,105	12,948	12,483
3	14	99 080	87 449,202	1 971 718,172	22,547	22,082	53	64	86 432	9 520,100	120 008,944	12,606	12,141
4	15	99 052	83 861,078	1 884 268,970	22,469	22,004	54	65	85 317	9 014,262	110 488,844	12,257	11,792
5	16	99 025	80 419,786	1 800 407,893	22,388	21,922	55	66	84 114	8 524,846	101 474,582	11,903	11,438
6	17	98 997	77 119,956	1 719 988,106	22,303	21,838	56	67	82 847	8 054,147	92 949,736	11,541	11,075
7	18	98 969	73 955,194	1 642 868,150	22,214	21,749	57	68	81 489	7 599,086	84 895,589	11,172	10,707
8	19	98 938	70 917,879	1 568 912,956	22,123	21,658	58	69	80 048	7 160,405	77 296,503	10,795	10,330
9	20	98 907	68 005,574	1 497 995,077	22,028	21,562	59	70	78 470	6 733,094	70 136,098	10,417	9,951
10	21	98 878	65 213,802	1 429 989,503	21,928	21,462	60	71	76 788	6 320,190	63 403,005	10,032	9,567
11	22	98 848	62 536,093	1 364 775,700	21,824	21,359	61	72	74 960	5 918,216	57 082,815	9,645	9,180
12	23	98 816	59 967,044	1 302 239,608	21,716	21,251	62	73	72 971	5 526,261	51 164,598	9,258	8,793
13	24	98 783	57 503,247	1 242 272,564	21,604	21,138	63	74	70 824	5 145,035	45 638,337	8,870	8,405
14	25	98 752	55 141,621	1 184 769,317	21,486	21,021	64	75	68 543	4 776,350	40 493,303	8,478	8,013
15	26	98 713	52 873,133	1 129 627,696	21,365	20,900	65	76	66 053	4 415,163	35 716,953	8,090	7,624
16	27	98 667	50 693,957	1 076 754,562	21,240	20,775	66	77	63 375	4 063,479	31 301,790	7,703	7,238
17	28	98 613	48 600,329	1 026 060,606	21,112	20,647	67	78	60 514	3 721,867	27 238,310	7,318	6,853
18	29	98 553	46 590,998	977 460,277	20,980	20,514	68	79	57 447	3 389,179	23 516,444	6,939	6,473
19	30	98 471	44 654,380	930 869,279	20,846	20,381	69	80	54 203	3 067,443	20 127,265	6,562	6,096
20	31	98 391	42 798,830	886 214,899	20,707	20,241	70	81	50 731	2 753,923	17 059,822	6,195	5,730
21	32	98 300	41 016,132	843 416,069	20,563	20,098	71	82	47 083	2 451,672	14 305,900	5,835	5,370
22	33	98 210	39 308,206	802 399,937	20,413	19,948	72	83	43 258	2 160,688	11 854,227	5,486	5,021
23	34	98 119	37 670,864	763 091,731	20,257	19,792	73	84	39 272	1 881,590	9 693,539	5,152	4,687
24	35	98 026	36 100,563	725 420,868	20,094	19,629	74	85	35 200	1 617,767	7 811,949	4,829	4,364
25	36	97 927	34 594,138	689 320,305	19,926	19,461	75	86	31 036	1 368,217	6 194,183	4,527	4,062
26	37	97 824	33 148,694	654 726,166	19,751	19,286	76	87	26 922	1 138,502	4 825,966	4,239	3,774
27	38	97 712	31 761,152	621 577,472	19,570	19,105	77	88	22 783	924,168	3 687,465	3,990	3,525
28	39	97 593	30 429,099	589 816,321	19,383	18,918	78	89	18 934	736,742	2 763,296	3,751	3,285
29	40	97 464	29 149,982	559 387,222	19,190	18,725	79	90	15 382	574,109	2 026,554	3,530	3,065
30	41	97 332	27 923,706	530 237,240	18,989	18,524	80	91	12 308	440,672	1 452,445	3,296	2,831
31	42	97 186	26 745,293	502 313,534	18,781	18,316	81	92	9 486	325,784	1 011,773	3,106	2,640
32	43	97 022	25 611,691	475 568,241	18,568	18,103	82	93	7 117	234,471	685,988	2,926	2,460
33	44	96 848	24 523,315	449 956,551	18,348	17,883	83	94	5 180	163,694	451,517	2,758	2,293
34	45	96 668	23 479,898	425 433,235	18,119	17,654	84	95	3 650	110,647	287,824	2,601	2,136
35	46	96 459	22 474,048	401 953,337	17,885	17,420	85	96	2 481	72,149	177,177	2,456	1,990
36	47	96 226	21 505,775	379 479,290	17,645	17,180	86	97	1 620	45,192	105,028	2,324	1,859
37	48	95 972	20 574,456	357 973,515	17,399	16,934	87	98	1 014	27,141	59,836	2,205	1,739
38	49	95 699	19 679,663	337 399,059	17,145	16,679	88	99	606	15,543	32,695	2,104	1,638
39	50	95 396	18 817,601	317 719,395	16,884	16,419	89	100	347	8,547	17,152	2,007	1,542
40	51	95 062	17 987,143	298 901,795	16,618	16,152							
41	52	94 695	17 187,413	280 914,652	16,344	15,879							
42	53	94 293	16 416,624	263 727,239	16,065	15,599							
43	54	93 855	15 674,185	247 310,615	15,778	15,313							
44	55	93 376	14 958,463	231 636,431	15,485	15,020							
45	56	92 842	14 266,600	216 677,968	15,188	14,723							
46	57	92 267	13 600,220	202 411,368	14,883	14,418							
47	58	91 633	12 956,158	188 811,148	14,573	14,108							
48	59	90 933	12 333,034	175 854,990	14,259	13,794							
49	60	90 179	11 732,141	163 521,956	13,938	13,473							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 252 931,346	22,630	22,165	50	62	88 828	11 085,334	148 425,520	13,389	12,924
1	13	99 144	95 101,838	2 153 375,693	22,643	22,178	51	63	87 894	10 521,552	137 340,186	13,053	12,588
2	14	99 099	91 183,344	2 058 273,855	22,573	22,108	52	64	86 889	9 977,180	126 818,634	12,711	12,246
3	15	99 067	87 438,376	1 967 090,512	22,497	22,032	53	65	85 810	9 451,595	116 841,454	12,362	11,897
4	16	99 039	83 849,709	1 879 652,136	22,417	21,952	54	66	84 657	8 944,470	107 389,859	12,006	11,541
5	17	99 009	80 406,858	1 795 802,426	22,334	21,869	55	67	83 423	8 454,774	98 445,389	11,644	11,179
6	18	98 980	77 106,419	1 715 395,568	22,247	21,782	56	68	82 100	7 981,502	89 990,615	11,275	10,810
7	19	98 948	73 939,040	1 638 289,149	22,157	21,692	57	69	80 690	7 524,651	82 009,113	10,899	10,434
8	20	98 917	70 902,628	1 564 350,110	22,063	21,598	58	70	79 170	7 081,872	74 484,461	10,518	10,052
9	21	98 887	67 991,226	1 493 447,482	21,965	21,500	59	71	77 532	6 652,645	67 402,590	10,132	9,666
10	22	98 857	65 199,707	1 425 456,257	21,863	21,398	60	72	75 764	6 235,860	60 749,944	9,742	9,277
11	23	98 825	62 521,722	1 360 256,550	21,757	21,291	61	73	73 800	5 826,631	54 514,084	9,356	8,891
12	24	98 793	59 953,404	1 297 734,828	21,646	21,181	62	74	71 706	5 430,461	48 687,454	8,966	8,500
13	25	98 760	57 490,173	1 237 781,424	21,530	21,065	63	75	69 455	5 045,612	43 256,993	8,573	8,108
14	26	98 730	55 129,333	1 180 291,250	21,409	20,944	64	76	67 016	4 669,927	38 211,381	8,182	7,717
15	27	98 687	52 859,008	1 125 161,917	21,286	20,821	65	77	64 378	4 303,249	33 541,454	7,794	7,329
16	28	98 642	50 680,871	1 072 302,909	21,158	20,693	66	78	61 540	3 945,824	29 238,205	7,410	6,945
17	29	98 587	48 587,706	1 021 622,038	21,026	20,561	67	79	58 502	3 598,085	25 292,381	7,029	6,564
18	30	98 526	46 578,076	973 034,333	20,890	20,425	68	80	55 290	3 261,913	21 694,296	6,651	6,186
19	31	98 444	44 642,125	926 456,257	20,753	20,288	69	81	51 852	2 934,398	18 432,383	6,281	5,816
20	32	98 358	42 784,877	881 814,132	20,610	20,145	70	82	48 220	2 617,615	15 497,985	5,921	5,455
21	33	98 266	41 001,926	839 029,255	20,463	19,998	71	83	44 405	2 312,251	12 880,370	5,570	5,105
22	34	98 175	39 293,984	798 027,329	20,309	19,844	72	84	40 448	2 020,331	10 568,119	5,231	4,766
23	35	98 080	37 655,576	758 733,345	20,149	19,684	73	85	36 366	1 742,379	8 547,788	4,906	4,441
24	36	97 984	36 085,179	721 077,769	19,983	19,517	74	86	32 198	1 479,778	6 805,408	4,599	4,134
25	37	97 882	34 578,007	684 992,590	19,810	19,345	75	87	28 036	1 235,980	5 325,630	4,309	3,844
26	38	97 772	33 131,235	650 414,584	19,631	19,166	76	88	23 835	1 007,959	4 089,650	4,057	3,592
27	39	97 655	31 742,426	617 283,349	19,447	18,981	77	89	19 924	808,220	3 081,690	3,813	3,348
28	40	97 524	30 407,699	585 540,923	19,256	18,791	78	90	16 288	633,768	2 273,470	3,587	3,122
29	41	97 395	29 129,204	555 133,224	19,058	18,592	79	91	13 102	489,028	1 639,701	3,353	2,888
30	42	97 251	27 900,502	526 004,020	18,853	18,388	80	92	10 177	364,373	1 150,673	3,158	2,693
31	43	97 094	26 719,993	498 103,518	18,642	18,176	81	93	7 693	264,217	786,301	2,976	2,511
32	44	96 920	25 584,656	471 383,525	18,424	17,959	82	94	5 645	185,963	522,084	2,807	2,342
33	45	96 738	24 495,584	445 798,868	18,199	17,734	83	95	4 013	126,798	336,121	2,651	2,186
34	46	96 537	23 448,140	421 303,285	17,967	17,502	84	96	2 758	83,599	209,323	2,504	2,039
35	47	96 310	22 439,192	397 855,145	17,730	17,265	85	97	1 826	53,103	125,724	2,368	1,902
36	48	96 059	21 468,454	375 415,953	17,487	17,022	86	98	1 160	32,360	72,621	2,244	1,779
37	49	95 794	20 536,332	353 947,499	17,235	16,770	87	99	706	18,882	40,262	2,132	1,667
38	50	95 499	19 638,492	333 411,167	16,977	16,512	88	100	409	10,493	21,379	2,037	1,572
39	51	95 173	18 773,634	313 772,675	16,713	16,248							
40	52	94 825	17 942,341	294 999,041	16,442	15,976							
41	53	94 433	17 139,790	277 056,700	16,165	15,699							
42	54	94 006	16 366,731	259 916,910	15,881	15,416							
43	55	93 556	15 624,244	243 550,180	15,588	15,123							
44	56	93 040	14 904,649	227 925,936	15,292	14,827							
45	57	92 490	14 212,489	213 021,287	14,988	14,523							
46	58	91 886	13 544,101	198 808,798	14,679	14,213							
47	59	91 215	12 897,083	185 264,697	14,365	13,900							
48	60	90 498	12 274,103	172 367,614	14,043	13,578							
49	61	89 686	11 667,991	160 093,512	13,721	13,256							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 247 992,519	22,582	22,117	50	63	88 271	11 015,776	144 888,762	13,153	12,688
1	14	99 134	95 092,483	2 148 444,498	22,593	22,128	51	64	87 308	10 451,387	133 872,986	12,809	12,344
2	15	99 086	91 172,056	2 053 352,015	22,522	22,057	52	65	86 263	9 905,386	123 421,598	12,460	11,995
3	16	99 054	87 426,523	1 962 179,959	22,444	21,979	53	66	85 145	9 378,417	113 516,212	12,104	11,639
4	17	99 023	83 836,230	1 874 753,437	22,362	21,897	54	67	83 961	8 870,948	104 137,795	11,739	11,274
5	18	98 991	80 392,743	1 790 917,207	22,277	21,812	55	68	82 670	8 378,515	95 266,847	11,370	10,905
6	19	98 958	77 089,576	1 710 524,464	22,189	21,724	56	69	81 296	7 903,322	86 888,332	10,994	10,529
7	20	98 927	73 923,139	1 633 434,888	22,096	21,631	57	70	79 805	7 442,124	78 985,010	10,613	10,148
8	21	98 896	70 887,668	1 559 511,749	22,000	21,535	58	71	78 224	6 997,256	71 542,886	10,224	9,759
9	22	98 865	67 976,530	1 488 624,081	21,899	21,434	59	72	76 498	6 563,879	64 545,630	9,833	9,368
10	23	98 834	65 184,724	1 420 647,552	21,794	21,329	60	73	74 591	6 139,359	57 981,751	9,444	8,979
11	24	98 803	62 507,501	1 355 462,827	21,685	21,220	61	74	72 521	5 725,624	51 842,392	9,054	8,589
12	25	98 771	59 939,774	1 292 955,326	21,571	21,106	62	75	70 320	5 325,522	46 116,768	8,660	8,194
13	26	98 738	57 477,362	1 233 015,553	21,452	20,987	63	76	67 908	4 933,190	40 791,246	8,269	7,804
14	27	98 703	55 114,605	1 175 538,190	21,329	20,864	64	77	65 317	4 551,555	35 858,056	7,878	7,413
15	28	98 662	52 845,363	1 120 423,585	21,202	20,737	65	78	62 514	4 178,652	31 306,501	7,492	7,027
16	29	98 616	50 667,707	1 067 578,222	21,070	20,605	66	79	59 493	3 814,594	27 127,849	7,112	6,646
17	30	98 560	48 574,229	1 016 910,515	20,935	20,470	67	80	56 305	3 462,974	23 313,256	6,732	6,267
18	31	98 499	46 565,293	968 336,285	20,795	20,330	68	81	52 892	3 120,433	19 850,281	6,361	5,896
19	32	98 412	44 627,570	921 770,993	20,655	20,190	69	82	49 286	2 789,157	16 729,848	5,998	5,533
20	33	98 324	42 770,059	877 143,423	20,508	20,043	70	83	45 478	2 468,757	13 940,691	5,647	5,182
21	34	98 230	40 987,092	834 373,364	20,357	19,892	71	84	41 521	2 162,049	11 471,933	5,306	4,841
22	35	98 135	39 278,038	793 386,272	20,199	19,734	72	85	37 456	1 870,856	9 309,884	4,976	4,511
23	36	98 038	37 639,529	754 108,234	20,035	19,570	73	86	33 264	1 593,762	7 439,029	4,668	4,202
24	37	97 938	36 068,351	716 468,705	19,864	19,399	74	87	29 086	1 336,760	5 845,266	4,373	3,907
25	38	97 830	34 559,794	680 400,354	19,688	19,222	75	88	24 821	1 094,261	4 508,506	4,120	3,655
26	39	97 715	33 111,701	645 840,559	19,505	19,040	76	89	20 845	881,499	3 414,245	3,873	3,408
27	40	97 586	31 720,103	612 728,858	19,317	18,852	77	90	17 140	695,256	2 532,747	3,643	3,178
28	41	97 455	30 386,025	581 008,755	19,121	18,656	78	91	13 874	539,846	1 837,490	3,404	2,939
29	42	97 314	29 104,998	550 622,730	18,918	18,453	79	92	10 834	404,356	1 297,644	3,209	2,744
30	43	97 159	27 874,110	521 517,732	18,710	18,245	80	93	8 254	295,512	893,289	3,023	2,558
31	44	96 992	26 691,789	493 643,622	18,494	18,029	81	94	6 102	209,555	597,776	2,853	2,387
32	45	96 810	25 555,725	466 951,833	18,272	17,807	82	95	4 373	144,048	388,222	2,695	2,230
33	46	96 607	24 462,452	441 396,109	18,044	17,579	83	96	3 032	95,803	244,173	2,549	2,083
34	47	96 387	23 411,774	416 933,657	17,809	17,343	84	97	2 030	61,530	148,370	2,411	1,946
35	48	96 142	22 400,251	393 521,883	17,568	17,103	85	98	1 308	38,024	86,841	2,284	1,819
36	49	95 881	21 428,674	371 121,633	17,319	16,854	86	99	807	22,513	48,817	2,168	1,703
37	50	95 593	20 493,369	349 692,959	17,064	16,598	87	100	476	12,747	26,304	2,063	1,598
38	51	95 276	19 592,608	329 199,590	16,802	16,337							
39	52	94 936	18 726,873	309 606,983	16,533	16,068							
40	53	94 562	17 892,625	290 880,110	16,257	15,792							
41	54	94 146	17 087,699	272 987,485	15,976	15,510							
42	55	93 707	16 314,584	255 899,786	15,685	15,220							
43	56	93 219	15 568,036	239 585,202	15,390	14,924							
44	57	92 687	14 848,117	224 017,167	15,087	14,622							
45	58	92 108	14 153,844	209 169,049	14,778	14,313							
46	59	91 467	13 482,345	195 015,205	14,464	13,999							
47	60	90 779	12 835,456	181 532,860	14,143	13,678							
48	61	90 004	12 206,989	168 697,405	13,820	13,355							
49	62	89 176	11 601,654	156 490,415	13,489	13,023							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 242 755,543	22,532	22,066	50	64	87 682	10 942,316	141 180,156	12,902	12,437
1	15	99 122	95 080,711	2 143 217,314	22,541	22,076	51	65	86 680	10 376,181	130 237,840	12,552	12,086
2	16	99 073	91 159,696	2 048 136,603	22,468	22,002	52	66	85 596	9 828,694	119 861,659	12,195	11,730
3	17	99 038	87 412,468	1 956 976,907	22,388	21,923	53	67	84 445	9 301,329	110 032,964	11,830	11,365
4	18	99 006	83 821,513	1 869 564,439	22,304	21,839	54	68	83 204	8 790,936	100 731,636	11,459	10,993
5	19	98 970	80 375,183	1 785 742,926	22,218	21,752	55	69	81 861	8 296,446	91 940,700	11,082	10,617
6	20	98 937	77 072,997	1 705 367,743	22,127	21,661	56	70	80 404	7 816,641	83 644,254	10,701	10,236
7	21	98 906	73 907,542	1 628 294,746	22,032	21,566	57	71	78 852	7 353,204	75 032,964	10,312	9,847
8	22	98 875	70 872,346	1 554 387,204	21,932	21,467	58	72	77 180	6 903,892	68 474,409	9,918	9,453
9	23	98 843	67 960,909	1 483 514,858	21,829	21,364	59	73	75 314	6 462,302	61 570,517	9,528	9,062
10	24	98 812	65 169,897	1 415 553,949	21,721	21,256	60	74	73 298	6 032,931	55 108,215	9,135	8,669
11	25	98 780	62 493,290	1 350 384,052	21,608	21,143	61	75	71 119	5 614,981	49 075,285	8,740	8,275
12	26	98 749	59 926,416	1 287 890,762	21,491	21,026	62	76	68 753	5 206,863	43 460,303	8,347	7,882
13	27	98 712	57 462,007	1 227 964,345	21,370	20,905	63	77	66 187	4 808,145	38 253,440	7,956	7,491
14	28	98 678	55 100,378	1 170 502,339	21,243	20,778	64	78	63 426	4 419,768	33 445,295	7,567	7,102
15	29	98 636	52 831,637	1 115 401,961	21,112	20,647	65	79	60 435	4 039,678	29 025,527	7,185	6,720
16	30	98 589	50 653,654	1 062 570,323	20,977	20,512	66	80	57 259	3 671,353	24 985,849	6,806	6,340
17	31	98 533	48 560,899	1 011 916,669	20,838	20,373	67	81	53 863	3 312,774	21 314,496	6,434	5,969
18	32	98 467	46 550,111	963 355,770	20,695	20,230	68	82	50 274	2 965,985	18 001,722	6,069	5,604
19	33	98 378	44 612,114	916 805,659	20,551	20,085	69	83	46 483	2 630,544	15 035,737	5,716	5,251
20	34	98 289	42 754,585	872 193,545	20,400	19,935	70	84	42 524	2 308,389	12 405,193	5,374	4,909
21	35	98 190	40 970,459	829 438,961	20,245	19,780	71	85	38 449	2 002,088	10 096,804	5,043	4,578
22	36	98 093	39 261,299	788 468,502	20,083	19,617	72	86	34 261	1 711,280	8 094,716	4,730	4,265
23	37	97 992	37 621,977	749 207,203	19,914	19,449	73	87	30 049	1 439,727	6 383,435	4,434	3,969
24	38	97 887	36 049,354	711 585,226	19,739	19,274	74	88	25 751	1 183,485	4 943,708	4,177	3,712
25	39	97 772	34 539,419	675 535,872	19,558	19,093	75	89	21 707	956,973	3 760,223	3,929	3,464
26	40	97 646	33 088,415	640 996,453	19,372	18,907	76	90	17 932	758,293	2 803,250	3,697	3,232
27	41	97 517	31 697,493	607 908,037	19,178	18,713	77	91	14 600	592,222	2 044,958	3,453	2,988
28	42	97 374	30 360,775	576 210,544	18,979	18,514	78	92	11 472	446,375	1 452,736	3,255	2,789
29	43	97 222	29 077,466	545 849,769	18,772	18,307	79	93	8 786	327,939	1 006,361	3,069	2,604
30	44	97 056	27 844,687	516 772,303	18,559	18,094	80	94	6 546	234,376	678,422	2,895	2,429
31	45	96 882	26 661,605	488 927,616	18,338	17,873	81	95	4 727	162,323	444,046	2,736	2,270
32	46	96 680	25 521,159	462 266,011	18,113	17,648	82	96	3 304	108,836	281,723	2,589	2,123
33	47	96 458	24 424,512	436 744,852	17,881	17,416	83	97	2 231	70,512	172,887	2,452	1,987
34	48	96 220	23 371,145	412 320,340	17,642	17,177	84	98	1 453	44,058	102,375	2,324	1,858
35	49	95 964	22 358,744	388 949,195	17,396	16,931	85	99	910	26,454	58,317	2,204	1,739
36	50	95 681	21 383,843	366 590,451	17,143	16,678	86	100	545	15,199	31,863	2,096	1,631
37	51	95 370	20 445,487	345 206,608	16,884	16,419							
38	52	95 039	19 543,807	324 761,121	16,617	16,152							
39	53	94 673	18 674,984	305 217,314	16,344	15,878							
40	54	94 275	17 838,246	286 542,331	16,063	15,598							
41	55	93 846	17 033,255	268 704,084	15,775	15,310							
42	56	93 370	16 255,891	251 670,830	15,482	15,017							
43	57	92 865	15 508,988	235 414,938	15,179	14,714							
44	58	92 304	14 786,850	219 905,951	14,872	14,407							
45	59	91 688	14 089,307	205 119,101	14,558	14,093							
46	60	91 030	13 417,922	191 029,793	14,237	13,772							
47	61	90 283	12 765,273	177 611,872	13,914	13,448							
48	62	89 492	12 137,587	164 846,599	13,581	13,116							
49	63	88 616	11 528,856	152 709,012	13,246	12,781							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 237 211,598	22,479	22,013	50	65	87 051	10 863,577	137 298,253	12,638	12,173
1	16	99 108	95 067,821	2 137 685,692	22,486	22,021	51	66	86 008	10 295,844	126 434,676	12,280	11,815
2	17	99 057	91 145,041	2 042 617,870	22,411	21,945	52	67	84 892	9 747,905	116 138,831	11,914	11,449
3	18	99 021	87 397,124	1 951 472,829	22,329	21,864	53	68	83 684	9 217,434	106 390,927	11,542	11,077
4	19	98 984	83 803,203	1 864 075,705	22,243	21,778	54	69	82 389	8 704,827	97 173,493	11,163	10,698
5	20	98 948	80 357,898	1 780 272,502	22,154	21,689	55	70	80 963	8 205,454	88 468,665	10,782	10,316
6	21	98 916	77 056,736	1 699 914,604	22,061	21,595	56	71	79 444	7 723,246	80 263,212	10,392	9,927
7	22	98 884	73 891,567	1 622 857,868	21,963	21,497	57	72	77 800	7 255,090	72 539,965	9,998	9,533
8	23	98 852	70 856,060	1 548 966,302	21,861	21,396	58	73	75 986	6 797,053	65 284,876	9,605	9,140
9	24	98 820	67 945,451	1 478 110,242	21,754	21,289	59	74	74 008	6 350,275	58 487,823	9,210	8,745
10	25	98 789	65 155,081	1 410 164,791	21,643	21,178	60	75	71 882	5 916,350	52 137,547	8,812	8,347
11	26	98 758	62 479,364	1 345 009,710	21,527	21,062	61	76	69 535	5 489,873	46 221,197	8,419	7,954
12	27	98 722	59 910,407	1 282 530,346	21,407	20,942	62	77	67 010	5 074,882	40 731,324	8,026	7,561
13	28	98 686	57 447,174	1 222 619,940	21,283	20,817	63	78	64 270	4 668,928	35 656,442	7,637	7,172
14	29	98 652	55 086,067	1 165 172,766	21,152	20,687	64	79	61 317	4 272,775	30 987,514	7,252	6,787
15	30	98 609	52 816,984	1 110 086,699	21,018	20,552	65	80	58 166	3 887,985	26 714,739	6,871	6,406
16	31	98 562	50 639,753	1 057 269,715	20,878	20,413	66	81	54 776	3 512,115	22 826,754	6,499	6,034
17	32	98 500	48 545,067	1 006 629,962	20,736	20,271	67	82	51 197	3 148,806	19 314,639	6,134	5,669
18	33	98 433	46 533,989	958 084,896	20,589	20,124	68	83	47 415	2 797,316	16 165,833	5,779	5,314
19	34	98 342	44 595,973	911 550,907	20,440	19,975	69	84	43 463	2 459,666	13 368,517	5,435	4,970
20	35	98 249	42 737,234	866 954,933	20,286	19,820	70	85	39 378	2 137,601	10 908,851	5,103	4,638
21	36	98 148	40 952,999	824 217,699	20,126	19,661	71	86	35 169	1 831,319	8 771,250	4,790	4,324
22	37	98 047	39 242,991	783 264,701	19,959	19,494	72	87	30 950	1 545,887	6 939,931	4,489	4,024
23	38	97 940	37 602,161	744 021,709	19,787	19,321	73	88	26 604	1 274,646	5 394,043	4,232	3,767
24	39	97 829	36 028,101	706 419,548	19,607	19,142	74	89	22 520	1 035,003	4 119,397	3,980	3,515
25	40	97 704	34 515,129	670 391,447	19,423	18,958	75	90	18 673	823,218	3 084,395	3,747	3,282
26	41	97 576	33 064,830	635 876,319	19,231	18,766	76	91	15 274	645,916	2 261,177	3,501	3,036
27	42	97 436	31 671,153	602 811,489	19,033	18,568	77	92	12 072	489,682	1 615,261	3,299	2,833
28	43	97 282	30 332,055	571 140,335	18,830	18,364	78	93	9 304	362,018	1 125,579	3,109	2,644
29	44	97 119	29 046,774	540 808,280	18,619	18,153	79	94	6 969	260,094	763,561	2,936	2,470
30	45	96 947	27 813,200	511 761,507	18,400	17,935	80	95	5 071	181,549	503,467	2,773	2,308
31	46	96 751	26 625,544	483 948,307	18,176	17,711	81	96	3 571	122,643	321,917	2,625	2,160
32	47	96 530	25 481,578	457 322,763	17,947	17,482	82	97	2 432	80,104	199,274	2,488	2,022
33	48	96 290	24 382,126	431 841,186	17,711	17,246	83	98	1 598	50,490	119,170	2,360	1,895
34	49	96 042	23 327,839	407 459,060	17,467	17,001	84	99	1 011	30,652	68,680	2,241	1,775
35	50	95 764	22 311,968	384 131,221	17,216	16,751	85	100	614	17,859	38,028	2,129	1,664
36	51	95 457	21 333,881	361 819,253	16,960	16,495							
37	52	95 132	20 394,561	340 485,372	16,695	16,230							
38	53	94 775	19 489,654	320 090,811	16,424	15,958							
39	54	94 385	18 618,227	300 601,157	16,146	15,680							
40	55	93 974	17 781,411	281 982,930	15,858	15,393							
41	56	93 508	16 971,977	264 201,519	15,567	15,102							
42	57	93 015	16 194,235	247 229,542	15,267	14,801							
43	58	92 482	15 444,993	231 035,308	14,959	14,493							
44	59	91 884	14 719,427	215 590,314	14,647	14,181							
45	60	91 250	14 021,984	200 870,887	14,325	13,860							
46	61	90 532	13 344,554	186 848,904	14,002	13,537							
47	62	89 770	12 692,696	173 504,350	13,670	13,204							
48	63	88 930	12 061,426	160 811,653	13,333	12,868							
49	64	88 025	11 451,974	148 750,227	12,989	12,524							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 231 352,095	22,423	21,958	50	66	86 377	10 779,467	133 243,201	12,361	11,896
1	17	99 092	95 052,538	2 131 839,680	22,428	21,963	51	67	85 301	10 211,215	122 463,734	11,993	11,528
2	18	99 040	91 129,042	2 036 787,142	22,351	21,885	52	68	84 126	9 659,982	112 252,519	11,620	11,155
3	19	98 999	87 378,033	1 945 658,100	22,267	21,802	53	69	82 864	9 127,148	102 592,537	11,240	10,775
4	20	98 963	83 785,181	1 858 280,067	22,179	21,714	54	70	81 485	8 609,355	93 465,389	10,856	10,391
5	21	98 928	80 340,943	1 774 494,886	22,087	21,622	55	71	79 996	8 107,413	84 856,034	10,466	10,001
6	22	98 895	77 040,080	1 694 153,943	21,991	21,525	56	72	78 384	7 620,195	76 748,620	10,072	9,607
7	23	98 862	73 874,587	1 617 113,863	21,890	21,425	57	73	76 596	7 142,816	69 128,425	9,678	9,213
8	24	98 830	70 839,943	1 543 239,276	21,785	21,320	58	74	74 669	6 679,223	61 985,609	9,280	8,815
9	25	98 798	67 930,003	1 472 399,333	21,675	21,210	59	75	72 578	6 227,562	55 306,386	8,881	8,416
10	26	98 767	65 140,562	1 404 469,330	21,561	21,095	60	76	70 280	5 784,527	49 078,824	8,485	8,019
11	27	98 732	62 462,672	1 339 328,768	21,442	20,977	61	77	67 772	5 350,718	43 294,297	8,091	7,626
12	28	98 697	59 894,942	1 276 866,096	21,318	20,853	62	78	65 070	4 927,942	37 943,579	7,700	7,234
13	29	98 661	57 432,253	1 216 971,154	21,190	20,724	63	79	62 133	4 513,649	33 015,637	7,315	6,849
14	30	98 625	55 070,788	1 159 538,901	21,055	20,590	64	80	59 014	4 112,330	28 501,989	6,931	6,466
15	31	98 581	52 802,489	1 104 468,113	20,917	20,452	65	81	55 643	3 719,351	24 389,659	6,558	6,092
16	32	98 530	50 623,243	1 051 665,625	20,774	20,309	66	82	52 065	3 338,280	20 670,308	6,192	5,727
17	33	98 466	48 528,253	1 001 042,382	20,628	20,163	67	83	48 285	2 969,740	17 332,028	5,836	5,371
18	34	98 397	46 517,153	952 514,128	20,477	20,011	68	84	44 335	2 615,605	14 362,288	5,491	5,026
19	35	98 303	44 577,875	905 996,975	20,324	19,859	69	85	40 248	2 277,686	11 746,683	5,157	4,692
20	36	98 207	42 719,021	861 419,100	20,165	19,700	70	86	36 019	1 955,273	9 468,997	4,843	4,378
21	37	98 103	40 933,902	818 700,078	20,001	19,535	71	87	31 770	1 654,325	7 513,724	4,542	4,077
22	38	97 996	39 222,322	777 766,177	19,830	19,364	72	88	27 401	1 368,634	5 859,399	4,281	3,816
23	39	97 883	37 579,992	738 543,855	19,653	19,187	73	89	23 266	1 114,726	4 490,765	4,029	3,563
24	40	97 760	36 002,764	700 963,862	19,470	19,005	74	90	19 372	890,342	3 376,039	3,792	3,327
25	41	97 634	34 490,527	664 961,099	19,280	18,814	75	91	15 906	701,220	2 485,698	3,545	3,080
26	42	97 495	33 037,354	630 470,572	19,084	18,618	76	92	12 630	534,080	1 784,478	3,341	2,876
27	43	97 343	31 641,194	597 433,218	18,882	18,416	77	93	9 790	397,140	1 250,398	3,149	2,683
28	44	97 179	30 300,038	565 792,024	18,673	18,208	78	94	7 379	287,122	853,258	2,972	2,507
29	45	97 009	29 013,927	535 491,986	18,456	17,991	79	95	5 398	201,471	566,135	2,810	2,345
30	46	96 816	27 775,581	506 478,059	18,235	17,769	80	96	3 831	137,170	364,664	2,658	2,193
31	47	96 601	26 584,250	478 702,479	18,007	17,542	81	97	2 628	90,267	227,494	2,520	2,055
32	48	96 362	25 437,357	452 118,229	17,774	17,309	82	98	1 741	57,358	137,228	2,392	1,927
33	49	96 112	24 336,947	426 680,872	17,532	17,067	83	99	1 112	35,127	79,870	2,274	1,809
34	50	95 841	23 279,035	402 343,926	17,284	16,818	84	100	683	20,693	44,743	2,162	1,697
35	51	95 540	22 259,837	379 064,891	17,029	16,564							
36	52	95 219	21 280,743	356 805,054	16,767	16,301							
37	53	94 869	20 338,051	335 524,311	16,497	16,032							
38	54	94 487	19 430,421	315 186,260	16,221	15,756							
39	55	94 085	18 558,906	295 755,839	15,936	15,471							
40	56	93 636	17 717,442	277 196,932	15,645	15,180							
41	57	93 154	16 907,604	259 479,490	15,347	14,882							
42	58	92 632	16 127,413	242 571,886	15,041	14,576							
43	59	92 061	15 374,570	226 444,474	14,729	14,263							
44	60	91 444	14 649,093	211 069,904	14,408	13,943							
45	61	90 751	13 945,313	196 420,812	14,085	13,620							
46	62	90 017	13 268,684	182 475,498	13,752	13,287							
47	63	89 206	12 613,053	169 206,814	13,415	12,950							
48	64	88 337	11 980,993	156 593,762	13,070	12,605							
49	65	87 392	11 369,568	144 612,769	12,719	12,254							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 225 166,830	22,364	21,899	50	67	85 667	10 690,862	129 015,440	12,068	11,603
1	18	99 075	95 035,853	2 125 670,413	22,367	21,902	51	68	84 532	10 119,114	118 324,578	11,693	11,228
2	19	99 018	91 109,136	2 030 634,561	22,288	21,823	52	69	83 302	9 565,361	108 205,465	11,312	10,847
3	20	98 978	87 359,242	1 939 525,425	22,202	21,737	53	70	81 955	9 027,045	98 640,103	10,927	10,462
4	21	98 942	83 767,503	1 852 166,183	22,111	21,646	54	71	80 511	8 506,489	89 613,059	10,535	10,069
5	22	98 906	80 323,578	1 768 398,680	22,016	21,551	55	72	78 928	7 999,236	81 106,570	10,139	9,674
6	23	98 872	77 022,377	1 688 075,102	21,917	21,451	56	73	77 171	7 502,271	73 107,334	9,745	9,279
7	24	98 839	73 857,784	1 611 052,725	21,813	21,348	57	74	75 268	7 018,993	65 605,062	9,347	8,882
8	25	98 807	70 823,837	1 537 194,941	21,704	21,239	58	75	73 226	6 550,154	58 586,070	8,944	8,479
9	26	98 776	67 914,866	1 466 371,104	21,591	21,126	59	76	70 961	6 088,805	52 035,916	8,546	8,081
10	27	98 741	65 123,159	1 398 456,239	21,474	21,009	60	77	68 499	5 637,902	45 947,111	8,150	7,684
11	28	98 706	62 446,548	1 333 333,080	21,352	20,886	61	78	65 810	5 195,791	40 309,209	7,758	7,293
12	29	98 671	59 879,385	1 270 886,531	21,224	20,759	62	79	62 906	4 764,048	35 113,417	7,371	6,905
13	30	98 633	57 416,323	1 211 007,146	21,092	20,626	63	80	59 800	4 344,158	30 349,369	6,986	6,521
14	31	98 598	55 055,674	1 153 590,823	20,953	20,488	64	81	56 454	3 933,965	26 005,211	6,610	6,145
15	32	98 549	52 785,274	1 098 535,149	20,811	20,346	65	82	52 889	3 535,259	22 071,246	6,243	5,778
16	33	98 496	50 605,710	1 045 749,875	20,665	20,199	66	83	49 104	3 148,439	18 535,988	5,887	5,422
17	34	98 431	48 510,696	995 144,165	20,514	20,049	67	84	45 149	2 776,828	15 387,548	5,541	5,076
18	35	98 357	46 498,276	946 633,469	20,358	19,893	68	85	41 055	2 422,087	12 610,720	5,207	4,741
19	36	98 261	44 558,878	900 135,193	20,201	19,736	69	86	36 815	2 083,410	10 188,633	4,890	4,425
20	37	98 161	42 699,101	855 576,315	20,037	19,572	70	87	32 538	1 766,299	8 105,223	4,589	4,124
21	38	98 051	40 912,342	812 877,214	19,869	19,404	71	88	28 127	1 464,638	6 338,924	4,328	3,863
22	39	97 938	39 199,198	771 964,872	19,693	19,228	72	89	23 963	1 196,922	4 874,286	4,072	3,607
23	40	97 814	37 553,564	732 765,674	19,513	19,047	73	90	20 014	958,922	3 677,364	3,835	3,370
24	41	97 690	35 977,101	695 212,111	19,324	18,859	74	91	16 502	758,396	2 718,442	3,584	3,119
25	42	97 553	34 461,866	659 235,010	19,129	18,664	75	92	13 152	579,808	1 960,046	3,381	2,915
26	43	97 403	33 006,102	624 773,144	18,929	18,464	76	93	10 243	433,148	1 380,238	3,187	2,721
27	44	97 241	31 607,795	591 767,042	18,722	18,257	77	94	7 765	314,979	947,091	3,007	2,542
28	45	97 069	30 265,774	560 159,246	18,508	18,043	78	95	5 716	222,407	632,112	2,842	2,377
29	46	96 878	28 974,684	529 893,472	18,288	17,823	79	96	4 078	152,222	409,705	2,691	2,226
30	47	96 665	27 732,503	500 918,789	18,063	17,597	80	97	2 820	100,958	257,483	2,550	2,085
31	48	96 434	26 538,115	473 186,286	17,830	17,365	81	98	1 882	64,635	156,525	2,422	1,956
32	49	96 183	25 390,222	446 648,171	17,591	17,126	82	99	1 211	39,905	91,890	2,303	1,837
33	50	95 911	24 286,032	421 257,949	17,346	16,880	83	100	750	23,714	51,984	2,192	1,727
34	51	95 617	23 224,645	396 971,917	17,093	16,627							
35	52	95 302	22 204,392	373 747,272	16,832	16,367							
36	53	94 955	21 221,777	351 542,879	16,565	16,100							
37	54	94 581	20 276,240	330 321,102	16,291	15,826							
38	55	94 186	19 368,513	310 044,862	16,008	15,542							
39	56	93 746	18 492,140	290 676,349	15,719	15,254							
40	57	93 281	17 650,241	272 184,209	15,421	14,956							
41	58	92 769	16 837,839	254 533,968	15,117	14,652							
42	59	92 209	16 053,877	237 696,129	14,806	14,341							
43	60	91 621	15 301,104	221 642,252	14,485	14,020							
44	61	90 944	14 568,993	206 341,147	14,163	13,698							
45	62	90 235	13 866,028	191 772,154	13,830	13,365							
46	63	89 453	13 185,426	177 906,127	13,493	13,027							
47	64	88 611	12 528,941	164 720,701	13,147	12,682							
48	65	87 702	11 894,780	152 191,760	12,795	12,330							
49	66	86 715	11 281,540	140 296,980	12,436	11,971							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 218 646,682	22,303	21,837	50	68	84 895	10 594,434	124 614,639	11,762	11,297
1	19	99 053	95 015,093	2 119 167,731	22,303	21,838	51	69	83 704	10 019,995	114 020,204	11,379	10,914
2	20	98 997	91 089,543	2 024 152,638	22,222	21,756	52	70	82 389	9 460,452	104 000,209	10,993	10,528
3	21	98 957	87 340,810	1 933 063,095	22,132	21,667	53	71	80 976	8 919,187	94 539,757	10,600	10,134
4	22	98 920	83 749,397	1 845 722,285	22,039	21,573	54	72	79 437	8 392,987	85 620,570	10,201	9,736
5	23	98 883	80 305,120	1 761 972,888	21,941	21,476	55	73	77 707	7 875,447	77 227,583	9,806	9,341
6	24	98 850	77 004,858	1 681 667,768	21,838	21,373	56	74	75 833	7 372,216	69 352,136	9,407	8,942
7	25	98 817	73 840,992	1 604 662,911	21,731	21,266	57	75	73 814	6 883,357	61 979,920	9,004	8,539
8	26	98 785	70 808,055	1 530 821,919	21,619	21,154	58	76	71 594	6 404,208	55 096,562	8,603	8,138
9	27	98 749	67 896,721	1 460 013,864	21,503	21,038	59	77	69 162	5 934,468	48 692,354	8,205	7,740
10	28	98 715	65 106,348	1 392 117,142	21,382	20,917	60	78	66 515	5 474,661	42 757,886	7,810	7,345
11	29	98 681	62 430,329	1 327 010,794	21,256	20,791	61	79	63 621	5 022,989	37 283,225	7,423	6,957
12	30	98 644	59 862,777	1 264 580,465	21,125	20,659	62	80	60 544	4 585,155	32 260,236	7,036	6,571
13	31	98 606	57 400,566	1 204 717,688	20,988	20,523	63	81	57 206	4 155,738	27 675,081	6,659	6,194
14	32	98 566	55 037,725	1 147 317,122	20,846	20,381	64	82	53 660	3 739,250	23 519,343	6,290	5,825
15	33	98 515	52 766,992	1 092 279,397	20,700	20,235	65	83	49 881	3 334,216	19 780,092	5,932	5,467
16	34	98 460	50 587,401	1 039 512,405	20,549	20,084	66	84	45 914	2 943,920	16 445,876	5,586	5,121
17	35	98 391	48 491,009	988 925,004	20,394	19,929	67	85	41 808	2 571,382	13 501,957	5,251	4,786
18	36	98 315	46 478,460	940 433,995	20,234	19,769	68	86	37 553	2 215,494	10 930,574	4,934	4,468
19	37	98 215	44 538,100	893 955,534	20,072	19,606	69	87	33 257	1 882,051	8 715,080	4,631	4,165
20	38	98 110	42 676,611	849 417,435	19,904	19,438	70	88	28 807	1 563,772	6 833,029	4,370	3,904
21	39	97 993	40 888,221	806 740,823	19,730	19,265	71	89	24 599	1 280,881	5 269,256	4,114	3,649
22	40	97 869	39 171,630	765 852,602	19,551	19,086	72	90	20 614	1 029,630	3 988,375	3,874	3,408
23	41	97 744	37 526,796	726 680,972	19,364	18,899	73	91	17 048	816,813	2 958,746	3,622	3,157
24	42	97 609	35 947,205	689 154,176	19,171	18,706	74	92	13 644	627,084	2 141,932	3,416	2,950
25	43	97 461	34 429,267	653 206,971	18,972	18,507	75	93	10 666	470,234	1 514,848	3,221	2,756
26	44	97 300	32 971,263	618 777,705	18,767	18,302	76	94	8 124	343,537	1 044,614	3,041	2,576
27	45	97 131	31 572,052	585 806,442	18,555	18,089	77	95	6 015	243,985	701,078	2,873	2,408
28	46	96 938	30 224,838	554 234,389	18,337	17,872	78	96	4 319	168,040	457,093	2,720	2,255
29	47	96 728	28 929,746	524 009,552	18,113	17,648	79	97	3 002	112,037	289,052	2,580	2,115
30	48	96 498	27 684,376	495 079,805	17,883	17,418	80	98	2 019	72,291	177,016	2,449	1,983
31	49	96 255	26 488,941	467 395,430	17,645	17,180	81	99	1 309	44,968	104,725	2,329	1,864
32	50	95 982	25 337,104	440 906,489	17,402	16,936	82	100	818	26,940	59,757	2,218	1,753
33	51	95 687	24 229,289	415 569,385	17,152	16,686							
34	52	95 379	23 166,797	391 340,096	16,892	16,427							
35	53	95 038	22 142,868	368 173,299	16,627	16,162							
36	54	94 667	21 157,280	346 030,432	16,355	15,890							
37	55	94 279	20 211,637	324 873,152	16,074	15,608							
38	56	93 847	19 298,834	304 661,514	15,787	15,321							
39	57	93 391	18 422,001	285 362,680	15,490	15,025							
40	58	92 896	17 577,412	266 940,679	15,187	14,721							
41	59	92 346	16 761,064	249 363,267	14,878	14,412							
42	60	91 769	15 977,166	232 602,203	14,558	14,093							
43	61	91 120	15 217,440	216 625,037	14,235	13,770							
44	62	90 427	14 486,162	201 407,597	13,903	13,438							
45	63	89 669	13 779,021	186 921,436	13,566	13,100							
46	64	88 856	13 097,497	173 142,414	13,220	12,754							
47	65	87 974	12 438,785	160 044,917	12,867	12,401							
48	66	87 023	11 802,685	147 606,132	12,506	12,041							
49	67	86 002	11 188,808	135 803,447	12,137	11,672							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 211 781,143	22,239	21,773	50	69	84 063	10 490,660	120 044,037	11,443	10,978
1	20	99 032	94 994,660	2 112 323,922	22,236	21,771	51	70	82 786	9 910,100	109 553,377	11,055	10,590
2	21	98 976	91 070,324	2 017 329,262	22,151	21,686	52	71	81 404	9 347,416	99 643,277	10,660	10,195
3	22	98 935	87 321,931	1 926 258,939	22,059	21,594	53	72	79 896	8 800,179	90 295,861	10,261	9,795
4	23	98 898	83 730,152	1 838 937,007	21,963	21,497	54	73	78 208	8 263,104	81 495,682	9,863	9,397
5	24	98 861	80 286,854	1 755 206,855	21,862	21,396	55	74	76 360	7 738,923	73 232,578	9,463	8,998
6	25	98 827	76 987,350	1 674 920,001	21,756	21,291	56	75	74 367	7 229,755	65 493,655	9,059	8,594
7	26	98 795	73 824,537	1 597 932,651	21,645	21,180	57	76	72 169	6 729,988	58 263,900	8,657	8,192
8	27	98 759	70 789,138	1 524 108,114	21,530	21,065	58	77	69 779	6 241,877	51 533,912	8,256	7,791
9	28	98 724	67 879,195	1 453 318,976	21,410	20,945	59	78	67 160	5 762,640	45 292,035	7,860	7,394
10	29	98 690	65 089,438	1 385 439,781	21,285	20,820	60	79	64 303	5 292,584	39 529,396	7,469	7,004
11	30	98 653	62 413,013	1 320 350,343	21,155	20,690	61	80	61 232	4 834,373	34 236,811	7,082	6,617
12	31	98 617	59 846,348	1 257 937,330	21,019	20,554	62	81	57 918	4 386,282	29 402,439	6,703	6,238
13	32	98 574	57 381,852	1 198 090,982	20,879	20,414	63	82	54 374	3 950,047	25 016,156	6,333	5,868
14	33	98 531	55 018,663	1 140 709,130	20,733	20,268	64	83	50 609	3 526,607	21 066,110	5,973	5,508
15	34	98 480	52 747,901	1 085 690,467	20,583	20,117	65	84	46 641	3 117,628	17 539,503	5,626	5,161
16	35	98 420	50 566,872	1 032 942,565	20,427	19,962	66	85	42 517	2 726,111	14 421,874	5,290	4,825
17	36	98 349	48 470,345	982 375,694	20,268	19,802	67	86	38 242	2 352,055	11 695,763	4,973	4,507
18	37	98 269	46 456,787	933 905,349	20,103	19,637	68	87	33 923	2 001,370	9 343,707	4,669	4,203
19	38	98 163	44 514,642	887 448,562	19,936	19,471	69	88	29 443	1 666,252	7 342,337	4,406	3,941
20	39	98 052	42 651,450	842 933,921	19,763	19,298	70	89	25 193	1 367,578	5 676,085	4,150	3,685
21	40	97 924	40 859,466	800 282,470	19,586	19,121	71	90	21 160	1 101,854	4 308,507	3,910	3,445
22	41	97 799	39 143,709	759 423,004	19,401	18,936	72	91	17 559	877,042	3 206,653	3,656	3,191
23	42	97 663	37 495,612	720 279,295	19,210	18,744	73	92	14 096	675,387	2 329,611	3,449	2,984
24	43	97 517	35 913,201	682 783,683	19,012	18,547	74	93	11 066	508,576	1 654,224	3,253	2,787
25	44	97 358	34 392,925	646 870,483	18,808	18,343	75	94	8 460	372,950	1 145,648	3,072	2,607
26	45	97 190	32 933,978	612 477,558	18,597	18,132	76	95	6 293	266,106	772,698	2,904	2,439
27	46	96 999	31 529,349	579 543,580	18,381	17,916	77	96	4 544	184,343	506,592	2,748	2,283
28	47	96 788	30 177,962	548 014,230	18,159	17,694	78	97	3 179	123,679	322,248	2,606	2,140
29	48	96 560	28 879,541	517 836,269	17,931	17,466	79	98	2 149	80,223	198,569	2,475	2,010
30	49	96 319	27 633,077	488 956,728	17,695	17,229	80	99	1 405	50,294	118,346	2,353	1,888
31	50	96 053	26 433,524	461 323,650	17,452	16,987	81	100	884	30,358	68,052	2,242	1,776
32	51	95 758	25 277,905	434 890,126	17,204	16,739							
33	52	95 448	24 168,939	409 612,221	16,948	16,483							
34	53	95 115	23 102,606	385 443,283	16,684	16,219							
35	54	94 749	22 075,571	362 340,677	16,414	15,948							
36	55	94 365	21 089,870	340 265,106	16,134	15,669							
37	56	93 940	20 138,925	319 175,236	15,849	15,383							
38	57	93 491	19 225,636	299 036,311	15,554	15,089							
39	58	93 005	18 345,987	279 810,675	15,252	14,787							
40	59	92 473	17 497,265	261 464,688	14,943	14,478							
41	60	91 905	16 680,974	243 967,423	14,625	14,160							
42	61	91 267	15 889,805	227 286,449	14,304	13,839							
43	62	90 602	15 130,922	211 396,644	13,971	13,506							
44	63	89 860	14 395,264	196 265,723	13,634	13,169							
45	64	89 071	13 687,134	181 870,459	13,288	12,822							
46	65	88 217	13 003,250	168 183,325	12,934	12,469							
47	66	87 293	12 342,478	155 180,075	12,573	12,108							
48	67	86 307	11 705,670	142 837,596	12,202	11,737							
49	68	85 227	11 087,889	131 131,926	11,827	11,361							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 204 562,249	22,171	21,705	50	70	83 141	10 375,602	115 306,588	11,113	10,648
1	21	99 011	94 974,617	2 105 126,416	22,165	21,700	51	71	81 797	9 791,692	104 930,986	10,716	10,251
2	22	98 954	91 050,639	2 010 151,799	22,077	21,612	52	72	80 318	9 222,694	95 139,294	10,316	9,851
3	23	98 913	87 301,865	1 919 101,160	21,982	21,517	53	73	78 659	8 663,995	85 916,601	9,917	9,451
4	24	98 875	83 711,107	1 831 799,295	21,882	21,417	54	74	76 852	8 119,860	77 252,606	9,514	9,049
5	25	98 838	80 268,600	1 748 088,187	21,778	21,313	55	75	74 884	7 589,375	69 132,746	9,109	8,644
6	26	98 805	76 970,194	1 667 819,587	21,668	21,203	56	76	72 711	7 068,668	61 543,371	8,707	8,241
7	27	98 768	73 804,814	1 590 849,393	21,555	21,090	57	77	70 340	6 559,398	54 474,703	8,305	7,840
8	28	98 733	70 770,865	1 517 044,579	21,436	20,971	58	78	67 759	6 061,148	47 915,304	7,905	7,440
9	29	98 698	67 861,565	1 446 273,714	21,312	20,847	59	79	64 926	5 570,985	41 854,157	7,513	7,048
10	30	98 662	65 071,385	1 378 412,149	21,183	20,718	60	80	61 888	5 093,844	36 283,172	7,123	6,658
11	31	98 626	62 395,885	1 313 340,764	21,049	20,583	61	81	58 576	4 624,691	31 189,327	6,744	6,279
12	32	98 585	59 826,837	1 250 944,880	20,909	20,444	62	82	55 051	4 169,180	26 564,637	6,372	5,906
13	33	98 540	57 361,978	1 191 118,043	20,765	20,300	63	83	51 282	3 725,416	22 395,457	6,012	5,546
14	34	98 496	54 998,758	1 133 756,065	20,614	20,149	64	84	47 321	3 297,522	18 670,041	5,662	5,197
15	35	98 440	52 726,495	1 078 757,308	20,459	19,994	65	85	43 190	2 886,968	15 372,519	5,325	4,860
16	36	98 378	50 545,322	1 026 030,812	20,299	19,834	66	86	38 891	2 493,587	12 485,551	5,007	4,542
17	37	98 303	48 447,742	975 485,490	20,135	19,670	67	87	34 546	2 124,732	9 991,964	4,703	4,237
18	38	98 218	46 432,318	927 037,748	19,965	19,500	68	88	30 034	1 771,890	7 867,232	4,440	3,975
19	39	98 105	44 488,397	880 605,430	19,794	19,329	69	89	25 749	1 457,201	6 095,342	4,183	3,718
20	40	97 983	42 621,455	836 117,033	19,617	19,152	70	90	21 672	1 176,434	4 638,141	3,943	3,477
21	41	97 854	40 830,342	793 495,577	19,434	18,969	71	91	18 025	938,563	3 461,707	3,688	3,223
22	42	97 718	39 111,181	752 665,236	19,244	18,779	72	92	14 519	725,187	2 523,144	3,479	3,014
23	43	97 571	37 460,143	713 554,054	19,048	18,583	73	93	11 432	547,750	1 797,957	3,282	2,817
24	44	97 414	35 875,293	676 093,911	18,846	18,380	74	94	8 777	403,360	1 250,207	3,099	2,634
25	45	97 248	34 354,033	640 218,619	18,636	18,171	75	95	6 553	288,890	846,847	2,931	2,466
26	46	97 059	32 889,433	605 864,586	18,421	17,956	76	96	4 754	201,057	557,957	2,775	2,310
27	47	96 849	31 480,450	572 975,153	18,201	17,736	77	97	3 345	135,679	356,900	2,630	2,165
28	48	96 620	30 125,590	541 494,703	17,975	17,509	78	98	2 276	88,560	221,221	2,498	2,033
29	49	96 381	28 826,029	511 369,113	17,740	17,275	79	99	1 495	55,813	132,661	2,377	1,912
30	50	96 117	27 575,267	482 543,085	17,499	17,034	80	100	948	33,953	76,848	2,263	1,798
31	51	95 829	26 371,763	454 967,818	17,252	16,787							
32	52	95 519	25 214,943	428 596,054	16,998	16,532							
33	53	95 184	24 101,970	403 381,112	16,736	16,271							
34	54	94 826	23 032,393	379 279,141	16,467	16,002							
35	55	94 447	22 005,235	356 246,749	16,189	15,724							
36	56	94 026	21 013,998	334 241,513	15,906	15,440							
37	57	93 584	20 062,540	313 227,515	15,613	15,147							
38	58	93 106	19 146,305	293 164,975	15,312	14,847							
39	59	92 581	18 262,336	274 018,669	15,005	14,539							
40	60	92 031	17 413,657	255 756,333	14,687	14,222							
41	61	91 403	16 589,764	238 342,677	14,367	13,902							
42	62	90 748	15 799,464	221 752,913	14,035	13,570							
43	63	90 033	15 035,978	205 953,448	13,697	13,232							
44	64	89 261	14 299,267	190 917,470	13,352	12,886							
45	65	88 430	13 588,644	176 618,203	12,997	12,532							
46	66	87 534	12 902,573	163 029,559	12,635	12,170							
47	67	86 575	12 241,026	150 126,986	12,264	11,799							
48	68	85 529	11 600,089	137 885,959	11,887	11,421							
49	69	84 392	10 979,282	126 285,870	11,502	11,037							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 196 976,927	22,099	21,634	50	71	82 148	10 251,633	110 409,544	10,770	10,305
1	22	98 990	94 954,089	2 097 562,074	22,090	21,625	51	72	80 706	9 661,041	100 157,912	10,367	9,902
2	23	98 932	91 029,716	2 002 607,986	21,999	21,534	52	73	79 075	9 079,971	90 496,871	9,967	9,501
3	24	98 890	87 282,008	1 911 578,269	21,901	21,436	53	74	77 296	8 513,801	81 416,900	9,563	9,098
4	25	98 853	83 692,075	1 824 296,261	21,798	21,333	54	75	75 367	7 962,951	72 903,099	9,155	8,690
5	26	98 816	80 250,713	1 740 604,186	21,690	21,224	55	76	73 216	7 420,275	64 940,147	8,752	8,286
6	27	98 779	76 949,631	1 660 353,473	21,577	21,112	56	77	70 867	6 889,494	57 519,872	8,349	7,884
7	28	98 743	73 785,763	1 583 403,842	21,459	20,994	57	78	68 303	6 369,476	50 630,379	7,949	7,484
8	29	98 708	70 752,483	1 509 618,079	21,337	20,871	58	79	65 505	5 859,565	44 260,903	7,554	7,088
9	30	98 671	67 842,743	1 438 865,596	21,209	20,744	59	80	62 488	5 361,791	38 401,338	7,162	6,697
10	31	98 635	65 053,526	1 371 022,853	21,075	20,610	60	81	59 204	4 872,908	33 039,547	6,780	6,315
11	32	98 594	62 375,542	1 305 969,327	20,937	20,472	61	82	55 677	4 395,788	28 166,639	6,408	5,942
12	33	98 550	59 806,116	1 243 593,785	20,794	20,329	62	83	51 921	3 932,088	23 770,851	6,045	5,580
13	34	98 504	57 341,225	1 183 787,669	20,645	20,179	63	84	47 951	3 483,417	19 838,763	5,695	5,230
14	35	98 456	54 976,438	1 126 446,444	20,490	20,024	64	85	43 820	3 053,552	16 355,347	5,356	4,891
15	36	98 398	52 704,026	1 071 470,006	20,330	19,865	65	86	39 506	2 640,723	13 301,794	5,037	4,572
16	37	98 332	50 521,752	1 018 765,981	20,165	19,700	66	87	35 132	2 252,585	10 661,071	4,733	4,268
17	38	98 251	48 422,225	968 244,228	19,996	19,531	67	88	30 585	1 881,107	8 408,486	4,470	4,005
18	39	98 160	46 404,943	919 822,003	19,822	19,356	68	89	26 266	1 549,585	6 527,379	4,212	3,747
19	40	98 036	44 457,110	873 417,061	19,646	19,181	69	90	22 150	1 253,530	4 977,794	3,971	3,506
20	41	97 913	42 591,075	828 959,950	19,463	18,998	70	91	18 460	1 002,090	3 724,264	3,716	3,251
21	42	97 773	40 796,413	786 368,875	19,275	18,810	71	92	14 904	776,056	2 722,174	3,508	3,042
22	43	97 626	39 074,184	745 572,463	19,081	18,616	72	93	11 775	588,139	1 946,118	3,309	2,844
23	44	97 468	37 420,602	706 498,278	18,880	18,415	73	94	9 067	434,430	1 357,979	3,126	2,661
24	45	97 304	35 834,724	669 077,676	18,671	18,206	74	95	6 798	312,446	923,549	2,956	2,491
25	46	97 116	34 307,566	633 242,953	18,458	17,993	75	96	4 951	218,272	611,103	2,800	2,335
26	47	96 908	32 838,424	598 935,386	18,239	17,774	76	97	3 499	147,980	392,831	2,655	2,189
27	48	96 681	31 425,818	566 096,962	18,014	17,549	77	98	2 395	97,152	244,851	2,520	2,055
28	49	96 441	30 069,769	534 671,144	17,781	17,316	78	99	1 583	61,613	147,700	2,397	1,932
29	50	96 179	28 765,722	504 601,375	17,542	17,077	79	100	1 010	37,679	86,087	2,285	1,820
30	51	95 893	27 510,838	475 835,653	17,296	16,831							
31	52	95 590	26 306,077	448 324,814	17,043	16,577							
32	53	95 255	25 145,076	422 018,738	16,783	16,318							
33	54	94 894	24 028,720	396 873,661	16,517	16,051							
34	55	94 523	22 959,008	372 844,941	16,240	15,774							
35	56	94 107	21 926,071	349 885,933	15,958	15,492							
36	57	93 669	20 934,295	327 959,863	15,666	15,201							
37	58	93 198	19 979,757	307 025,568	15,367	14,902							
38	59	92 681	19 059,005	287 045,811	15,061	14,596							
39	60	92 139	18 175,072	267 986,806	14,745	14,280							
40	61	91 527	17 318,441	249 811,734	14,425	13,959							
41	62	90 883	16 495,444	232 493,293	14,094	13,629							
42	63	90 179	15 700,326	215 997,850	13,758	13,292							
43	64	89 433	14 935,709	200 297,524	13,411	12,945							
44	65	88 618	14 196,372	185 361,815	13,057	12,592							
45	66	87 745	13 483,435	171 165,442	12,694	12,229							
46	67	86 814	12 796,517	157 682,008	12,322	11,857							
47	68	85 794	12 130,617	144 885,490	11,944	11,479							
48	69	84 691	11 486,465	132 754,874	11,558	11,092							
49	70	83 466	10 858,865	121 268,409	11,168	10,702							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 189 011,484	22,024	21,559	50	72	81 052	10 114,845	105 358,020	10,416	9,951
1	23	98 967	94 932,269	2 089 618,119	22,012	21,546	51	73	79 457	9 511,535	95 243,175	10,013	9,548
2	24	98 909	91 009,011	1 994 685,851	21,917	21,452	52	74	77 704	8 922,566	85 731,640	9,608	9,143
3	25	98 868	87 262,164	1 903 676,840	21,816	21,350	53	75	75 802	8 349,280	76 809,074	9,199	8,734
4	26	98 831	83 673,425	1 816 414,675	21,708	21,243	54	76	73 688	7 785,527	68 459,794	8,793	8,328
5	27	98 790	80 229,273	1 732 741,250	21,597	21,132	55	77	71 360	7 232,188	60 674,267	8,389	7,924
6	28	98 753	76 929,768	1 652 511,977	21,481	21,016	56	78	68 816	6 690,013	53 442,079	7,988	7,523
7	29	98 717	73 766,598	1 575 582,209	21,359	20,894	57	79	66 031	6 157,639	46 752,065	7,593	7,127
8	30	98 680	70 732,859	1 501 815,611	21,232	20,767	58	80	63 046	5 639,535	40 594,426	7,198	6,733
9	31	98 644	67 824,124	1 431 082,752	21,100	20,635	59	81	59 778	5 129,233	34 954,891	6,815	6,350
10	32	98 603	65 032,317	1 363 258,628	20,963	20,498	60	82	56 274	4 631,720	29 825,658	6,439	5,974
11	33	98 560	62 353,939	1 298 226,311	20,820	20,355	61	83	52 511	4 145,809	25 193,939	6,077	5,612
12	34	98 515	59 784,479	1 235 872,372	20,672	20,207	62	84	48 548	3 676,663	21 048,130	5,725	5,260
13	35	98 464	57 317,955	1 176 087,893	20,519	20,053	63	85	44 403	3 225,693	17 371,467	5,385	4,920
14	36	98 414	54 953,009	1 118 769,939	20,359	19,893	64	86	40 082	2 793,098	14 145,774	5,065	4,599
15	37	98 352	52 679,449	1 063 816,929	20,194	19,729	65	87	35 688	2 385,501	11 352,676	4,759	4,294
16	38	98 280	50 495,143	1 011 137,480	20,024	19,559	66	88	31 104	1 994,300	8 967,175	4,496	4,031
17	39	98 193	48 393,677	960 642,338	19,851	19,385	67	89	26 748	1 645,100	6 972,875	4,239	3,773
18	40	98 091	46 372,308	912 248,661	19,672	19,207	68	90	22 595	1 333,001	5 327,775	3,997	3,532
19	41	97 966	44 425,421	865 876,353	19,491	19,025	69	91	18 868	1 067,761	3 994,773	3,741	3,276
20	42	97 832	42 555,683	821 450,932	19,303	18,838	70	92	15 264	828,584	2 927,012	3,533	3,067
21	43	97 681	40 757,821	778 895,249	19,110	18,645	71	93	12 087	629,395	2 098,428	3,334	2,869
22	44	97 522	39 032,940	738 137,428	18,911	18,445	72	94	9 339	466,463	1 469,034	3,149	2,684
23	45	97 357	37 378,286	699 104,488	18,703	18,238	73	95	7 024	336,513	1 002,571	2,979	2,514
24	46	97 172	35 786,255	661 726,202	18,491	18,026	74	96	5 137	236,069	666,058	2,821	2,356
25	47	96 966	34 254,358	625 939,947	18,273	17,808	75	97	3 644	160,650	429,989	2,677	2,211
26	48	96 740	32 781,436	591 685,589	18,049	17,584	76	98	2 506	105,960	269,339	2,542	2,077
27	49	96 502	31 367,587	558 904,153	17,818	17,353	77	99	1 666	67,590	163,378	2,417	1,952
28	50	96 239	30 006,861	527 536,566	17,581	17,115	78	100	1 069	41,595	95,788	2,303	1,838
29	51	95 954	28 698,512	497 529,705	17,336	16,871							
30	52	95 654	27 442,315	468 831,193	17,084	16,619							
31	53	95 325	26 233,187	441 388,878	16,826	16,360							
32	54	94 965	25 068,656	415 155,691	16,561	16,096							
33	55	94 592	23 952,161	390 087,035	16,286	15,821							
34	56	94 183	22 876,412	366 134,874	16,005	15,540							
35	57	93 750	21 842,907	343 258,462	15,715	15,250							
36	58	93 283	20 847,914	321 415,555	15,417	14,952							
37	59	92 773	19 888,656	300 567,641	15,113	14,647							
38	60	92 238	18 967,934	280 678,985	14,798	14,332							
39	61	91 635	18 075,693	261 711,050	14,479	14,013							
40	62	91 007	17 219,977	243 635,357	14,148	13,683							
41	63	90 313	16 391,938	226 415,380	13,813	13,347							
42	64	89 577	15 595,626	210 023,442	13,467	13,002							
43	65	88 789	14 828,234	194 427,815	13,112	12,647							
44	66	87 932	14 086,458	179 599,581	12,750	12,285							
45	67	87 024	13 372,604	165 513,123	12,377	11,912							
46	68	86 031	12 681,097	152 140,519	11,997	11,532							
47	69	84 954	12 011,796	139 459,422	11,610	11,145							
48	70	83 762	11 360,485	127 447,626	11,219	10,753							
49	71	82 469	10 729,121	116 087,141	10,820	10,355							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 180 652,587	21,945	21,479	50	73	79 797	9 958,316	100 161,447	10,058	9,593
1	24	98 944	94 910,676	2 081 282,063	21,929	21,464	51	74	78 079	9 346,649	90 203,130	9,651	9,186
2	25	98 887	90 988,320	1 986 371,387	21,831	21,366	52	75	76 203	8 750,146	80 856,481	9,241	8,775
3	26	98 846	87 242,718	1 895 383,067	21,725	21,260	53	76	74 113	8 163,248	72 106,336	8,833	8,368
4	27	98 804	83 651,071	1 808 140,349	21,615	21,150	54	77	71 820	7 588,182	63 943,088	8,427	7,961
5	28	98 765	80 208,564	1 724 489,278	21,500	21,035	55	78	69 294	7 022,786	56 354,905	8,025	7,559
6	29	98 727	76 909,787	1 644 280,714	21,379	20,914	56	79	66 527	6 467,516	49 332,120	7,628	7,162
7	30	98 690	73 746,138	1 567 370,928	21,254	20,788	57	80	63 552	5 926,416	42 864,604	7,233	6,768
8	31	98 653	70 713,447	1 493 624,790	21,122	20,657	58	81	60 311	5 394,930	36 938,188	6,847	6,382
9	32	98 611	67 802,011	1 422 911,342	20,986	20,521	59	82	56 819	4 875,358	31 543,258	6,470	6,005
10	33	98 569	65 009,794	1 355 109,331	20,845	20,379	60	83	53 074	4 368,324	26 667,900	6,105	5,640
11	34	98 524	62 331,379	1 290 099,537	20,697	20,232	61	84	49 100	3 876,501	22 299,576	5,753	5,287
12	35	98 475	59 760,217	1 227 768,157	20,545	20,080	62	85	44 956	3 404,642	18 423,075	5,411	4,946
13	36	98 423	57 293,528	1 168 007,941	20,386	19,921	63	86	40 616	2 950,556	15 018,433	5,090	4,625
14	37	98 368	54 927,384	1 110 714,412	20,222	19,756	64	87	36 209	2 523,149	12 067,877	4,783	4,318
15	38	98 300	52 651,703	1 055 787,028	20,052	19,587	65	88	31 596	2 111,976	9 544,728	4,519	4,054
16	39	98 222	50 465,372	1 003 135,326	19,878	19,412	66	89	27 201	1 744,091	7 432,752	4,262	3,796
17	40	98 124	48 359,643	952 669,954	19,700	19,234	67	90	23 009	1 415,166	5 688,661	4,020	3,555
18	41	98 021	46 339,254	904 310,310	19,515	19,050	68	91	19 246	1 135,455	4 273,495	3,764	3,298
19	42	97 885	44 388,505	857 971,056	19,329	18,863	69	92	15 601	882,884	3 138,039	3,554	3,089
20	43	97 739	42 515,427	813 582,551	19,136	18,671	70	93	12 379	671,995	2 255,155	3,356	2,891
21	44	97 577	40 714,800	771 067,124	18,938	18,473	71	94	9 587	499,184	1 583,160	3,171	2,706
22	45	97 412	38 988,800	730 352,325	18,732	18,267	72	95	7 234	361,326	1 083,976	3,000	2,535
23	46	97 226	37 327,729	691 363,524	18,521	18,056	73	96	5 307	254,253	722,650	2,842	2,377
24	47	97 021	35 730,754	654 035,795	18,305	17,839	74	97	3 781	173,749	468,397	2,696	2,231
25	48	96 797	34 194,913	618 305,041	18,082	17,617	75	98	2 609	115,033	294,648	2,561	2,096
26	49	96 561	32 720,693	584 110,128	17,851	17,386	76	99	1 743	73,719	179,615	2,436	1,971
27	50	96 300	31 301,964	551 389,435	17,615	17,150	77	100	1 125	45,630	105,897	2,321	1,856
28	51	96 014	29 936,751	520 087,471	17,373	16,908							
29	52	95 715	28 627,030	490 150,721	17,122	16,657							
30	53	95 389	27 366,277	461 523,690	16,865	16,399							
31	54	95 036	26 153,459	434 157,413	16,600	16,135							
32	55	94 663	24 988,783	408 003,954	16,327	15,862							
33	56	94 252	23 865,992	383 015,171	16,049	15,583							
34	57	93 826	22 789,644	359 149,179	15,759	15,294							
35	58	93 363	21 752,778	336 359,534	15,463	14,998							
36	59	92 857	20 752,855	314 606,757	15,160	14,694							
37	60	92 329	19 793,621	293 853,902	14,846	14,381							
38	61	91 734	18 864,220	274 060,281	14,528	14,063							
39	62	91 114	17 972,924	255 196,061	14,199	13,734							
40	63	90 436	17 111,926	237 223,137	13,863	13,398							
41	64	89 710	16 282,627	220 111,211	13,518	13,053							
42	65	88 933	15 483,403	203 828,584	13,164	12,699							
43	66	88 102	14 713,428	188 345,181	12,801	12,336							
44	67	87 210	13 970,671	173 631,754	12,428	11,963							
45	68	86 239	13 251,988	159 661,083	12,048	11,583							
46	69	85 188	12 556,884	146 409,095	11,660	11,194							
47	70	84 022	11 880,054	133 852,210	11,267	10,802							
48	71	82 761	11 224,748	121 972,156	10,866	10,401							
49	72	81 369	10 585,962	110 747,409	10,462	9,997							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 171 887,212	21,861	21,396	50	74	78 414	9 785,685	94 836,923	9,691	9,226
1	25	98 922	94 889,098	2 072 539,290	21,842	21,376	51	75	76 570	9 166,033	85 051,238	9,279	8,814
2	26	98 865	90 968,044	1 977 650,193	21,740	21,275	52	76	74 505	8 555,182	75 885,205	8,870	8,405
3	27	98 819	87 219,411	1 886 682,149	21,631	21,166	53	77	72 234	7 956,329	67 330,022	8,462	7,997
4	28	98 779	83 629,478	1 799 462,738	21,517	21,052	54	78	69 740	7 368,472	59 373,694	8,058	7,593
5	29	98 739	80 187,731	1 715 833,260	21,398	20,932	55	79	66 989	6 789,221	52 005,222	7,660	7,195
6	30	98 700	76 888,455	1 635 645,529	21,273	20,808	56	80	64 029	6 224,657	45 216,001	7,264	6,799
7	31	98 663	73 725,899	1 558 757,074	21,143	20,677	57	81	60 795	5 669,368	38 991,344	6,878	6,412
8	32	98 621	70 690,393	1 485 031,175	21,008	20,542	58	82	57 326	5 127,904	33 321,976	6,498	6,033
9	33	98 577	67 778,529	1 414 340,782	20,867	20,402	59	83	53 588	4 598,107	28 194,072	6,132	5,666
10	34	98 533	64 986,274	1 346 562,254	20,721	20,255	60	84	49 626	4 084,561	23 595,965	5,777	5,312
11	35	98 484	62 306,084	1 281 575,980	20,569	20,104	61	85	45 467	3 589,695	19 511,404	5,435	4,970
12	36	98 433	59 734,750	1 219 269,896	20,411	19,946	62	86	41 121	3 114,242	15 921,709	5,113	4,647
13	37	98 377	57 266,811	1 159 535,146	20,248	19,783	63	87	36 690	2 665,389	12 807,467	4,805	4,340
14	38	98 316	54 898,454	1 102 268,335	20,078	19,613	64	88	32 057	2 233,841	10 142,078	4,540	4,075
15	39	98 242	52 620,661	1 047 369,881	19,904	19,439	65	89	27 632	1 847,003	7 908,237	4,282	3,816
16	40	98 153	50 429,882	994 749,220	19,725	19,260	66	90	23 399	1 500,322	6 061,234	4,040	3,575
17	41	98 054	48 325,173	944 319,338	19,541	19,076	67	91	19 599	1 205,443	4 560,912	3,784	3,318
18	42	97 939	46 300,747	895 994,166	19,352	18,886	68	92	15 914	938,858	3 355,469	3,574	3,109
19	43	97 792	44 346,516	849 693,418	19,160	18,695	69	93	12 653	716,034	2 416,611	3,375	2,910
20	44	97 636	42 470,550	805 346,903	18,962	18,497	70	94	9 818	532,971	1 700,577	3,191	2,726
21	45	97 467	40 668,758	762 876,352	18,758	18,293	71	95	7 426	386,672	1 167,606	3,020	2,554
22	46	97 280	38 936,065	722 207,594	18,549	18,083	72	96	5 466	273,001	780,935	2,861	2,395
23	47	97 075	37 269,837	683 271,529	18,333	17,868	73	97	3 906	187,133	507,934	2,714	2,249
24	48	96 853	35 668,746	646 001,691	18,111	17,646	74	98	2 707	124,412	320,801	2,579	2,113
25	49	96 618	34 131,551	610 332,945	17,882	17,417	75	99	1 815	80,030	196,389	2,454	1,989
26	50	96 359	32 652,239	576 201,394	17,647	17,181	76	100	1 177	49,767	116,359	2,338	1,873
27	51	96 075	31 228,828	543 549,156	17,405	16,940							
28	52	95 775	29 862,185	512 320,327	17,156	16,691							
29	53	95 450	28 547,710	482 458,143	16,900	16,435							
30	54	95 099	27 283,105	453 910,433	16,637	16,172							
31	55	94 733	26 070,131	426 627,328	16,365	15,899							
32	56	94 322	24 898,885	400 557,197	16,087	15,622							
33	57	93 894	23 775,471	375 658,312	15,800	15,335							
34	58	93 439	22 695,608	351 882,841	15,504	15,039							
35	59	92 938	21 653,593	329 187,233	15,202	14,737							
36	60	92 414	20 653,690	307 533,640	14,890	14,425							
37	61	91 824	19 685,392	286 879,950	14,573	14,108							
38	62	91 212	18 756,968	267 194,558	14,245	13,780							
39	63	90 542	17 860,148	248 437,590	13,910	13,445							
40	64	89 833	16 997,813	230 577,442	13,565	13,100							
41	65	89 065	16 165,460	213 579,629	13,212	12,747							
42	66	88 244	15 363,524	197 414,169	12,850	12,384							
43	67	87 378	14 592,487	182 050,646	12,476	12,010							
44	68	86 423	13 844,660	167 458,159	12,096	11,630							
45	69	85 394	13 122,183	153 613,498	11,706	11,241							
46	70	84 254	12 419,164	140 491,315	11,312	10,847							
47	71	83 018	11 738,109	128 072,151	10,911	10,446							
48	72	81 657	11 074,976	116 334,042	10,504	10,039							
49	73	80 110	10 422,143	105 259,066	10,100	9,634							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 162 700,104	21,774	21,309	50	75	76 899	9 596,586	89 398,510	9,316	8,850
1	26	98 900	94 867,952	2 063 374,769	21,750	21,285	51	76	74 864	8 961,804	79 801,925	8,905	8,439
2	27	98 838	90 943,741	1 968 506,817	21,645	21,180	52	77	72 616	8 338,328	70 840,121	8,496	8,031
3	28	98 794	87 196,897	1 877 563,076	21,532	21,067	53	78	70 143	7 725,959	62 501,793	8,090	7,625
4	29	98 753	83 607,757	1 790 366,180	21,414	20,949	54	79	67 421	7 123,411	54 775,834	7,690	7,224
5	30	98 712	80 165,490	1 706 758,423	21,290	20,825	55	80	64 474	6 534,281	47 652,423	7,293	6,827
6	31	98 673	76 867,354	1 626 592,933	21,161	20,696	56	81	61 252	5 954,674	41 118,142	6,905	6,440
7	32	98 630	73 701,863	1 549 725,580	21,027	20,562	57	82	57 786	5 388,758	35 163,468	6,525	6,060
8	33	98 587	70 665,910	1 476 023,717	20,887	20,422	58	83	54 066	4 836,291	29 774,710	6,157	5,691
9	34	98 542	67 754,007	1 405 357,807	20,742	20,277	59	84	50 107	4 299,418	24 938,419	5,800	5,335
10	35	98 493	64 959,901	1 337 603,800	20,591	20,126	60	85	45 954	3 782,362	20 639,001	5,457	4,991
11	36	98 442	62 279,532	1 272 643,899	20,434	19,969	61	86	41 589	3 283,511	16 856,639	5,134	4,669
12	37	98 387	59 706,894	1 210 364,367	20,272	19,807	62	87	37 147	2 813,254	13 573,128	4,825	4,359
13	38	98 325	57 236,649	1 150 657,473	20,104	19,638	63	88	32 483	2 359,772	10 759,874	4,560	4,094
14	39	98 258	54 866,087	1 093 420,824	19,929	19,464	64	89	28 035	1 953,579	8 400,102	4,300	3,835
15	40	98 173	52 583,655	1 038 554,736	19,751	19,285	65	90	23 770	1 588,850	6 446,524	4,057	3,592
16	41	98 083	50 393,936	985 971,082	19,565	19,100	66	91	19 932	1 277,979	4 857,674	3,801	3,336
17	42	97 973	48 285,016	935 577,146	19,376	18,911	67	92	16 206	996,728	3 579,695	3,591	3,126
18	43	97 847	46 256,949	887 292,130	19,182	18,717	68	93	12 906	761,429	2 582,967	3,392	2,927
19	44	97 689	44 299,706	841 035,181	18,985	18,520	69	94	10 035	567,899	1 821,538	3,208	2,742
20	45	97 525	42 422,524	796 735,475	18,781	18,316	70	95	7 605	412,844	1 253,639	3,037	2,571
21	46	97 335	40 613,751	754 312,952	18,573	18,108	71	96	5 611	292,150	840,795	2,878	2,413
22	47	97 130	38 875,679	713 699,201	18,359	17,893	72	97	4 023	200,931	548,645	2,731	2,265
23	48	96 906	37 205,159	674 823,522	18,138	17,673	73	98	2 797	133,995	347,714	2,595	2,130
24	49	96 674	35 602,653	637 618,363	17,909	17,444	74	99	1 883	86,556	213,718	2,469	2,004
25	50	96 416	34 060,145	602 015,710	17,675	17,210	75	100	1 226	54,028	127,162	2,354	1,888
26	51	96 133	32 575,948	567 955,565	17,435	16,970							
27	52	95 835	31 151,044	535 379,617	17,187	16,721							
28	53	95 509	29 779,441	504 228,573	16,932	16,467							
29	54	95 160	28 460,948	474 449,131	16,670	16,205							
30	55	94 796	27 196,177	445 988,183	16,399	15,934							
31	56	94 392	25 976,342	418 792,006	16,122	15,657							
32	57	93 964	24 804,446	392 815,664	15,837	15,371							
33	58	93 507	23 677,367	368 011,217	15,543	15,078							
34	59	93 013	22 592,124	344 333,850	15,241	14,776							
35	60	92 494	21 550,124	321 741,726	14,930	14,465							
36	61	91 908	20 540,758	300 191,602	14,614	14,149							
37	62	91 302	19 573,471	279 650,844	14,287	13,822							
38	63	90 640	18 639,272	260 077,373	13,953	13,488							
39	64	89 939	17 741,045	241 438,100	13,609	13,144							
40	65	89 187	16 875,500	223 697,055	13,256	12,791							
41	66	88 375	16 040,300	206 821,555	12,894	12,429							
42	67	87 519	15 237,239	190 781,256	12,521	12,056							
43	68	86 589	14 460,868	175 544,016	12,139	11,674							
44	69	85 576	13 709,050	161 083,148	11,750	11,285							
45	70	84 458	12 978,263	147 374,098	11,355	10,890							
46	71	83 247	12 270,778	134 395,835	10,953	10,487							
47	72	81 910	11 581,487	122 125,057	10,545	10,080							
48	73	80 393	10 903,589	110 543,570	10,138	9,673							
49	74	78 721	10 241,471	99 639,981	9,729	9,264							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	11 630,646	179 780,803	15,458	14,992
1	0	99 594	95 533,630	2 195 592,697	22,982	22,517	51	50	92 606	11 085,595	168 150,158	15,168	14,703
2	1	99 240	91 313,251	2 100 059,067	22,998	22,533	52	51	91 946	10 557,885	157 064,563	14,877	14,411
3	2	99 192	87 548,889	2 008 745,817	22,944	22,479	53	52	91 234	10 049,109	146 506,678	14,579	14,114
4	3	99 162	83 953,532	1 921 196,928	22,884	22,419	54	53	90 460	9 557,572	136 457,568	14,277	13,812
5	4	99 133	80 507,817	1 837 243,396	22,821	22,355	55	54	89 607	9 081,501	126 899,996	13,973	13,508
6	5	99 110	77 207,534	1 756 735,579	22,753	22,288	56	55	88 705	8 623,614	117 818,495	13,662	13,197
7	6	99 090	74 045,478	1 679 528,045	22,682	22,217	57	56	87 728	8 180,894	109 194,881	13,348	12,882
8	7	99 073	71 014,274	1 605 482,567	22,608	22,143	58	57	86 699	7 755,354	101 013,987	13,025	12,560
9	8	99 055	68 106,968	1 534 468,293	22,530	22,065	59	58	85 578	7 342,982	93 258,633	12,700	12,235
10	9	99 040	65 320,760	1 466 361,324	22,449	21,983	60	59	84 370	6 944,220	85 915,651	12,372	11,907
11	10	99 025	62 648,223	1 401 040,565	22,364	21,898	61	60	83 076	6 559,002	78 971,431	12,040	11,575
12	11	99 008	60 083,535	1 338 392,342	22,276	21,810	62	61	81 693	6 186,863	72 412,428	11,704	11,239
13	12	98 989	57 623,483	1 278 308,807	22,184	21,719	63	62	80 230	5 828,353	66 225,566	11,363	10,897
14	13	98 973	55 265,248	1 220 685,324	22,088	21,623	64	63	78 680	5 482,700	60 397,212	11,016	10,551
15	14	98 947	52 998,272	1 165 420,076	21,990	21,525	65	64	77 032	5 149,028	54 914,512	10,665	10,200
16	15	98 915	50 821,224	1 112 421,804	21,889	21,424	66	65	75 285	4 827,146	49 765,484	10,310	9,844
17	16	98 872	48 728,314	1 061 600,580	21,786	21,321	67	66	73 457	4 517,914	44 938,337	9,947	9,481
18	17	98 823	46 718,316	1 012 872,266	21,680	21,215	68	67	71 540	4 220,623	40 420,423	9,577	9,112
19	18	98 750	44 780,966	966 153,950	21,575	21,110	69	68	69 501	3 933,197	36 199,800	9,204	8,738
20	19	98 675	42 922,561	921 372,983	21,466	21,001	70	69	67 333	3 655,135	32 266,604	8,828	8,363
21	20	98 595	41 139,275	878 450,422	21,353	20,888	71	70	65 024	3 385,873	28 611,468	8,450	7,985
22	21	98 518	39 431,559	837 311,147	21,235	20,769	72	71	62 587	3 126,132	25 225,596	8,069	7,604
23	22	98 442	37 794,585	797 879,588	21,111	20,646	73	72	59 955	2 872,605	22 099,464	7,693	7,228
24	23	98 365	36 225,505	760 085,003	20,982	20,517	74	73	57 135	2 625,886	19 226,859	7,322	6,857
25	24	98 286	34 720,768	723 859,498	20,848	20,383	75	74	54 118	2 385,829	16 600,973	6,958	6,493
26	25	98 205	33 277,986	689 138,730	20,709	20,243	76	75	50 964	2 155,196	14 215,145	6,596	6,131
27	26	98 123	31 894,726	655 860,744	20,563	20,098	77	76	47 628	1 932,008	12 059,948	6,242	5,777
28	27	98 035	30 566,929	623 966,018	20,413	19,948	78	77	44 114	1 716,502	10 127,940	5,900	5,435
29	28	97 949	29 295,061	593 399,090	20,256	19,791	79	78	40 454	1 509,898	8 411,438	5,571	5,106
30	29	97 861	28 075,405	564 104,029	20,092	19,627	80	79	36 739	1 315,347	6 901,539	5,247	4,782
31	30	97 768	26 905,490	536 028,623	19,923	19,457	81	80	32 958	1 131,886	5 586,192	4,935	4,470
32	31	97 669	25 782,415	509 123,134	19,747	19,282	82	81	29 168	960,892	4 454,306	4,636	4,170
33	32	97 564	24 704,813	483 340,719	19,565	19,099	83	82	25 442	803,958	3 493,414	4,345	3,880
34	33	97 460	23 672,251	458 635,905	19,374	18,909	84	83	21 828	661,653	2 689,455	4,065	3,600
35	34	97 346	22 680,640	434 963,654	19,178	18,713	85	84	18 364	533,940	2 027,802	3,798	3,333
36	35	97 222	21 728,358	412 283,015	18,974	18,509	86	85	15 087	420,781	1 493,863	3,550	3,085
37	36	97 092	20 814,663	390 554,657	18,763	18,298	87	86	12 066	322,817	1 073,081	3,324	2,859
38	37	96 951	19 937,082	369 739,995	18,545	18,080	88	87	9 354	240,040	750,265	3,126	2,660
39	38	96 796	19 093,647	349 802,913	18,320	17,855	89	88	7 032	173,104	510,224	2,948	2,482
40	39	96 625	18 282,964	330 709,265	18,088	17,623	90	89	5 139	121,350	337,121	2,778	2,313
41	40	96 425	17 501,388	312 426,301	17,852	17,386	91	90	3 670	83,128	215,771	2,596	2,130
42	41	96 213	16 751,017	294 924,912	17,606	17,141	92	91	2 519	54,731	132,642	2,424	1,958
43	42	95 978	16 028,880	278 173,895	17,355	16,889	93	92	1 630	33,980	77,911	2,293	1,828
44	43	95 703	15 331,339	262 145,015	17,099	16,633	94	93	1 013	20,244	43,931	2,170	1,705
45	44	95 399	14 659,534	246 813,676	16,836	16,371	95	94	600	11,506	23,688	2,059	1,594
46	45	95 061	14 012,144	232 154,141	16,568	16,103	96	95	338	6,222	12,182	1,958	1,493
47	46	94 671	13 385,753	218 141,998	16,297	15,831	97	96	181	3,193	5,959	1,866	1,401
48	47	94 232	12 780,481	204 756,245	16,021	15,556	98	97	92	1,551	2,766	1,783	1,318
49	48	93 736	12 194,960	191 975,764	15,742	15,277	99	98	44	0,711	1,215	1,708	1,243
							100	99	20	0,307	0,504	1,640	1,174

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	11 652,237	181 220,314	15,552	15,087
1							51	49	92 800	11 108,835	169 568,077	15,264	14,799
2	0	99 558	91 606,356	2 102 242,328	22,949	22,483	52	50	92 161	10 582,611	158 459,242	14,974	14,508
3	1	99 221	87 573,789	2 010 635,972	22,959	22,494	53	51	91 462	10 074,202	147 876,631	14,679	14,214
4	2	99 178	83 967,069	1 923 062,184	22,903	22,437	54	52	90 711	9 584,129	137 802,429	14,378	13,913
5	3	99 147	80 519,362	1 839 095,115	22,840	22,375	55	53	89 880	9 109,186	128 218,301	14,076	13,610
6	4	99 122	77 216,788	1 758 575,752	22,775	22,309	56	54	88 989	8 651,178	119 109,115	13,768	13,303
7	5	99 099	74 052,177	1 681 358,964	22,705	22,240	57	55	88 044	8 210,432	110 457,937	13,453	12,988
8	6	99 081	71 019,968	1 607 306,787	22,632	22,167	58	56	87 029	7 784,881	102 247,505	13,134	12,669
9	7	99 063	68 112,659	1 536 286,819	22,555	22,090	59	57	85 932	7 373,407	94 462,625	12,811	12,346
10	8	99 046	65 324,817	1 468 174,160	22,475	22,010	60	58	84 756	6 976,028	87 089,218	12,484	12,019
11	9	99 031	62 652,200	1 402 849,343	22,391	21,926	61	59	83 475	6 590,494	80 113,189	12,156	11,691
12	10	99 016	60 088,376	1 340 197,143	22,304	21,839	62	60	82 142	6 220,878	73 522,695	11,819	11,353
13	11	98 997	57 628,060	1 280 108,767	22,213	21,748	63	61	80 689	5 861,680	67 301,818	11,482	11,016
14	12	98 981	55 269,485	1 222 480,707	22,119	21,653	64	62	79 176	5 517,320	61 440,138	11,136	10,671
15	13	98 957	53 003,486	1 167 211,223	22,021	21,556	65	63	77 549	5 183,596	55 922,818	10,788	10,323
16	14	98 927	50 827,516	1 114 207,737	21,921	21,456	66	64	75 831	4 862,133	50 739,222	10,436	9,970
17	15	98 886	48 734,920	1 063 380,220	21,820	21,354	67	65	74 030	4 553,167	45 877,089	10,076	9,611
18	16	98 839	46 725,828	1 014 645,300	21,715	21,250	68	66	72 133	4 255,603	41 323,922	9,710	9,245
19	17	98 768	44 788,828	967 919,472	21,611	21,146	69	67	70 134	3 968,995	37 068,319	9,339	8,874
20	18	98 697	42 931,939	923 130,644	21,502	21,037	70	68	67 999	3 691,292	33 099,323	8,967	8,502
21	19	98 616	41 148,124	880 198,705	21,391	20,926	71	69	65 745	3 423,419	29 408,031	8,590	8,125
22	20	98 539	39 439,881	839 050,580	21,274	20,809	72	70	63 344	3 163,935	25 984,612	8,213	7,748
23	21	98 463	37 802,756	799 610,700	21,152	20,687	73	71	60 766	2 911,452	22 820,676	7,838	7,373
24	22	98 387	36 233,832	761 807,944	21,025	20,560	74	72	58 033	2 667,160	19 909,224	7,465	6,999
25	23	98 308	34 728,667	725 574,112	20,893	20,427	75	73	55 073	2 427,918	17 242,064	7,102	6,636
26	24	98 228	33 285,554	690 845,445	20,755	20,290	76	74	51 969	2 197,664	14 814,146	6,741	6,276
27	25	98 145	31 901,835	657 559,891	20,612	20,147	77	75	48 714	1 976,037	12 616,482	6,385	5,920
28	26	98 061	30 575,097	625 658,057	20,463	19,998	78	76	45 261	1 761,143	10 640,445	6,042	5,577
29	27	97 974	29 302,625	595 082,960	20,308	19,843	79	77	41 660	1 554,920	8 879,302	5,710	5,245
30	28	97 886	28 082,699	565 780,335	20,147	19,682	80	78	38 003	1 360,598	7 324,382	5,383	4,918
31	29	97 796	26 912,954	537 697,636	19,979	19,514	81	79	34 244	1 176,048	5 963,784	5,071	4,606
32	30	97 696	25 789,493	510 784,682	19,806	19,341	82	80	30 491	1 004,459	4 787,736	4,766	4,301
33	31	97 596	24 712,870	484 995,188	19,625	19,160	83	81	26 767	845,823	3 783,278	4,473	4,008
34	32	97 494	23 680,452	460 282,318	19,437	18,972	84	82	23 144	701,549	2 937,455	4,187	3,722
35	33	97 381	22 688,848	436 601,866	19,243	18,778	85	83	19 639	571,033	2 235,906	3,916	3,450
36	34	97 262	21 737,179	413 913,018	19,042	18,576	86	84	16 292	454,400	1 664,873	3,664	3,199
37	35	97 133	20 823,537	392 175,838	18,833	18,368	87	85	13 191	352,919	1 210,472	3,430	2,965
38	36	96 996	19 946,383	371 352,302	18,618	18,152	88	86	10 354	265,722	857,553	3,227	2,762
39	37	96 847	19 103,709	351 405,918	18,395	17,929	89	87	7 943	195,522	591,831	3,027	2,562
40	38	96 682	18 293,750	332 302,209	18,165	17,700	90	88	5 876	138,759	396,309	2,856	2,391
41	39	96 493	17 513,705	314 008,459	17,929	17,464	91	89	4 266	96,635	257,549	2,665	2,200
42	40	96 282	16 762,966	296 494,754	17,687	17,222	92	90	2 957	64,253	160,914	2,504	2,039
43	41	96 058	16 042,211	279 731,788	17,437	16,972	93	91	1 972	41,095	96,661	2,352	1,887
44	42	95 794	15 345,856	263 689,578	17,183	16,718	94	92	1 249	24,961	55,566	2,226	1,761
45	43	95 500	14 675,025	248 343,722	16,923	16,458	95	93	756	14,507	30,605	2,110	1,644
46	44	95 169	14 028,007	233 668,698	16,657	16,192	96	94	437	8,033	16,098	2,004	1,539
47	45	94 799	13 403,883	219 640,691	16,386	15,921	97	95	240	4,227	8,065	1,908	1,443
48	46	94 378	12 800,333	206 236,808	16,112	15,647	98	96	125	2,108	3,839	1,821	1,356
49	47	93 899	12 216,161	193 436,475	15,834	15,369	99	97	61	0,993	1,731	1,743	1,277
							100	98	28	0,441	0,738	1,671	1,206

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	11 672,493	182 550,188	15,639	15,174
1							51	48	92 972	11 129,457	170 877,694	15,354	14,888
2							52	49	92 354	10 604,797	159 748,237	15,064	14,599
3	0	99 539	87 854,890	2 012 658,440	22,909	22,444	53	50	91 676	10 097,795	149 143,440	14,770	14,305
4	1	99 206	83 990,950	1 924 803,550	22,917	22,452	54	51	90 938	9 608,060	139 045,644	14,472	14,007
5	2	99 163	80 532,345	1 840 812,599	22,858	22,393	55	52	90 130	9 134,496	129 437,584	14,170	13,705
6	3	99 136	77 227,862	1 760 280,254	22,793	22,328	56	53	89 260	8 677,550	120 303,088	13,864	13,398
7	4	99 111	74 061,053	1 683 052,392	22,725	22,260	57	54	88 326	8 236,675	111 625,538	13,552	13,087
8	5	99 090	71 026,393	1 608 991,340	22,653	22,188	58	55	87 343	7 812,988	103 388,863	13,233	12,768
9	6	99 071	68 118,120	1 537 964,946	22,578	22,113	59	56	86 259	7 401,480	95 575,875	12,913	12,448
10	7	99 055	65 330,275	1 469 846,826	22,499	22,033	60	57	85 107	7 004,933	88 174,395	12,587	12,122
11	8	99 038	62 656,092	1 404 516,551	22,416	21,951	61	58	83 858	6 620,682	81 169,462	12,260	11,795
12	9	99 022	60 092,191	1 341 860,459	22,330	21,865	62	59	82 537	6 250,746	74 548,780	11,926	11,461
13	10	99 005	57 632,703	1 281 768,268	22,240	21,775	63	60	81 133	5 893,907	68 298,034	11,588	11,123
14	11	98 989	55 273,875	1 224 135,566	22,147	21,682	64	61	79 629	5 548,868	62 404,127	11,246	10,781
15	12	98 964	53 007,549	1 168 861,691	22,051	21,586	65	62	78 039	5 216,327	56 855,259	10,899	10,434
16	13	98 937	50 832,517	1 115 854,142	21,952	21,486	66	63	76 340	4 894,775	51 638,932	10,550	10,085
17	14	98 898	48 740,954	1 065 021,625	21,851	21,385	67	64	74 567	4 586,168	46 744,157	10,192	9,727
18	15	98 852	46 732,163	1 016 280,671	21,747	21,282	68	65	72 696	4 288,809	42 157,989	9,830	9,365
19	16	98 784	44 796,030	969 548,508	21,644	21,178	69	66	70 715	4 001,890	37 869,181	9,463	8,998
20	17	98 714	42 939,477	924 752,478	21,536	21,071	70	67	68 618	3 724,889	33 867,290	9,092	8,627
21	18	98 638	41 157,114	881 813,001	21,426	20,960	71	68	66 395	3 457,284	30 142,401	8,719	8,253
22	19	98 560	39 448,364	840 655,887	21,310	20,845	72	69	64 046	3 199,021	26 685,117	8,342	7,876
23	20	98 484	37 810,734	801 207,522	21,190	20,725	73	70	61 501	2 946,660	23 486,096	7,970	7,505
24	21	98 409	36 241,665	763 396,789	21,064	20,599	74	71	58 818	2 703,229	20 539,436	7,598	7,133
25	22	98 331	34 736,649	727 155,124	20,933	20,468	75	72	55 939	2 466,080	17 836,207	7,233	6,767
26	23	98 250	33 293,127	692 418,475	20,798	20,332	76	73	52 886	2 236,434	15 370,126	6,873	6,407
27	24	98 168	31 909,089	659 125,348	20,656	20,191	77	74	49 674	2 014,974	13 133,692	6,518	6,053
28	25	98 083	30 581,912	627 216,259	20,509	20,044	78	75	46 293	1 801,277	11 118,718	6,173	5,707
29	26	98 001	29 310,455	596 634,347	20,356	19,890	79	76	42 743	1 595,359	9 317,441	5,840	5,375
30	27	97 911	28 089,950	567 323,891	20,197	19,731	80	77	39 136	1 401,168	7 722,082	5,511	5,046
31	28	97 821	26 919,946	539 233,941	20,031	19,566	81	78	35 422	1 216,506	6 320,914	5,196	4,731
32	29	97 723	25 796,648	512 313,995	19,860	19,394	82	79	31 680	1 043,648	5 104,408	4,891	4,426
33	30	97 623	24 719,654	486 517,347	19,681	19,216	83	80	27 980	884,173	4 060,760	4,593	4,128
34	31	97 525	23 688,175	461 797,693	19,495	19,030	84	81	24 350	738,080	3 176,587	4,304	3,839
35	32	97 415	22 696,709	438 109,517	19,303	18,838	85	82	20 824	605,465	2 438,507	4,027	3,562
36	33	97 297	21 745,046	415 412,808	19,104	18,639	86	83	17 424	485,968	1 833,042	3,772	3,307
37	34	97 173	20 831,991	393 667,762	18,897	18,432	87	84	14 245	381,116	1 347,073	3,535	3,069
38	35	97 038	19 954,887	372 835,771	18,684	18,219	88	85	11 320	290,500	965,957	3,325	2,860
39	36	96 892	19 112,622	352 880,884	18,463	17,998	89	86	8 792	216,441	675,457	3,121	2,656
40	37	96 733	18 303,390	333 768,262	18,235	17,770	90	87	6 637	156,730	459,015	2,929	2,463
41	38	96 550	17 524,037	315 464,872	18,002	17,537	91	88	4 878	110,498	302,285	2,736	2,270
42	39	96 350	16 774,763	297 940,835	17,761	17,296	92	89	3 438	74,693	191,787	2,568	2,102
43	40	96 127	16 053,653	281 166,072	17,514	17,049	93	90	2 315	48,245	117,094	2,427	1,962
44	41	95 874	15 358,619	265 112,419	17,261	16,796	94	91	1 510	30,188	68,849	2,281	1,815
45	42	95 590	14 688,919	249 753,800	17,003	16,538	95	92	933	17,888	38,661	2,161	1,696
46	43	95 269	14 042,830	235 064,881	16,739	16,274	96	93	551	10,128	20,774	2,051	1,586
47	44	94 907	13 419,057	221 022,051	16,471	16,006	97	94	309	5,456	10,646	1,951	1,486
48	45	94 506	12 817,670	207 602,994	16,197	15,731	98	95	165	2,789	5,189	1,860	1,395
49	46	94 045	12 235,136	194 785,324	15,920	15,455	99	96	83	1,350	2,400	1,778	1,313
							100	97	40	0,616	1,050	1,703	1,238

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	11 690,625	183 776,719	15,720	15,255
1							51	47	93 134	11 148,805	172 086,094	15,435	14,970
2							52	48	92 526	10 624,484	160 937,289	15,148	14,683
3							53	49	91 869	10 118,965	150 312,805	14,855	14,389
4	0	99 524	84 260,552	1 926 675,798	22,866	22,400	54	50	91 150	9 630,562	140 193,840	14,557	14,092
5	1	99 191	80 555,250	1 842 415,246	22,871	22,406	55	51	90 355	9 157,305	130 563,279	14,258	13,793
6	2	99 152	77 240,314	1 761 859,996	22,810	22,345	56	52	89 508	8 701,661	121 405,974	13,952	13,487
7	3	99 125	74 071,674	1 684 619,682	22,743	22,278	57	53	88 595	8 261,784	112 704,313	13,642	13,176
8	4	99 102	71 034,907	1 610 548,008	22,673	22,207	58	54	87 622	7 837,961	104 442,528	13,325	12,860
9	5	99 080	68 124,283	1 539 513,102	22,599	22,133	59	55	86 571	7 428,203	96 604,567	13,005	12,540
10	6	99 063	65 335,513	1 471 388,819	22,521	22,055	60	56	85 432	7 031,603	89 176,364	12,682	12,217
11	7	99 046	62 661,327	1 406 053,305	22,439	21,974	61	57	84 205	6 648,114	82 144,761	12,356	11,891
12	8	99 028	60 095,923	1 343 391,978	22,354	21,889	62	58	82 915	6 279,378	75 496,647	12,023	11,558
13	9	99 011	57 636,362	1 283 296,055	22,265	21,800	63	59	81 522	5 922,205	69 217,270	11,688	11,223
14	10	98 996	55 278,328	1 225 659,693	22,173	21,707	64	60	80 067	5 579,375	63 295,064	11,344	10,879
15	11	98 972	53 011,759	1 170 381,366	22,078	21,613	65	61	78 485	5 246,154	57 715,689	11,002	10,536
16	12	98 945	50 836,414	1 117 369,606	21,980	21,514	66	62	76 822	4 925,682	52 469,535	10,652	10,187
17	13	98 908	48 745,749	1 066 533,193	21,880	21,414	67	63	75 068	4 616,957	47 543,853	10,298	9,832
18	14	98 864	46 737,949	1 017 787,443	21,776	21,311	68	64	73 223	4 319,894	42 926,896	9,937	9,472
19	15	98 797	44 802,103	971 049,494	21,674	21,209	69	65	71 267	4 033,116	38 607,002	9,572	9,107
20	16	98 730	42 946,381	926 247,391	21,568	21,102	70	66	69 187	3 755,761	34 573,886	9,206	8,740
21	17	98 655	41 164,340	883 301,010	21,458	20,993	71	67	66 999	3 488,751	30 818,125	8,834	8,368
22	18	98 582	39 456,983	842 136,670	21,343	20,878	72	68	64 680	3 230,666	27 329,374	8,459	7,994
23	19	98 505	37 818,867	802 679,687	21,224	20,759	73	69	62 183	2 979,336	24 098,708	8,089	7,623
24	20	98 430	36 249,313	764 860,820	21,100	20,635	74	70	59 529	2 735,919	21 119,371	7,719	7,254
25	21	98 352	34 744,159	728 611,507	20,971	20,506	75	71	56 695	2 499,430	18 383,453	7,355	6,890
26	22	98 273	33 300,779	693 867,348	20,836	20,371	76	72	53 717	2 271,587	15 884,022	6,992	6,527
27	23	98 190	31 916,349	660 566,569	20,697	20,232	77	73	50 550	2 050,521	13 612,435	6,639	6,173
28	24	98 105	30 588,866	628 650,220	20,552	20,086	78	74	47 205	1 836,771	11 561,915	6,295	5,829
29	25	98 022	29 316,989	598 061,354	20,400	19,935	79	75	43 717	1 631,715	9 725,143	5,960	5,495
30	26	97 937	28 097,457	568 744,365	20,242	19,777	80	76	40 154	1 437,608	8 093,428	5,630	5,165
31	27	97 846	26 926,897	540 646,908	20,078	19,613	81	77	36 478	1 252,780	6 655,820	5,313	4,848
32	28	97 749	25 803,350	513 720,012	19,909	19,444	82	78	32 770	1 079,552	5 403,040	5,005	4,540
33	29	97 650	24 726,513	487 916,662	19,733	19,267	83	79	29 072	918,669	4 323,488	4,706	4,241
34	30	97 552	23 694,678	463 190,149	19,548	19,083	84	80	25 454	771,545	3 404,819	4,413	3,948
35	31	97 447	22 704,111	439 495,471	19,358	18,892	85	81	21 908	636,993	2 633,274	4,134	3,669
36	32	97 331	21 752,580	416 791,360	19,161	18,695	86	82	18 475	515,271	1 996,281	3,874	3,409
37	33	97 208	20 839,530	395 038,780	18,956	18,491	87	83	15 235	407,593	1 481,010	3,634	3,168
38	34	97 077	19 962,989	374 199,249	18,745	18,279	88	84	12 224	313,711	1 073,417	3,422	2,956
39	35	96 933	19 120,770	354 236,261	18,526	18,061	89	85	9 612	236,624	759,706	3,211	2,745
40	36	96 778	18 311,929	335 115,490	18,300	17,835	90	86	7 348	173,498	523,082	3,015	2,550
41	37	96 601	17 533,272	316 803,561	18,069	17,603	91	87	5 510	124,809	349,584	2,801	2,336
42	38	96 407	16 784,659	299 270,289	17,830	17,365	92	88	3 931	85,409	224,775	2,632	2,167
43	39	96 194	16 064,951	282 485,631	17,584	17,119	93	89	2 691	56,083	139,366	2,485	2,020
44	40	95 942	15 369,574	266 420,680	17,334	16,869	94	90	1 773	35,440	83,283	2,350	1,885
45	41	95 670	14 701,136	251 051,106	17,077	16,612	95	91	1 128	21,633	47,843	2,212	1,746
46	42	95 360	14 056,126	236 349,970	16,815	16,350	96	92	679	12,488	26,210	2,099	1,634
47	43	95 007	13 433,237	222 293,844	16,548	16,083	97	93	390	6,880	13,721	1,994	1,529
48	44	94 613	12 832,181	208 860,607	16,276	15,811	98	94	213	3,601	6,842	1,900	1,435
49	45	94 172	12 251,707	196 028,426	16,000	15,535	99	95	110	1,786	3,240	1,814	1,349
							100	96	54	0,838	1,454	1,736	1,271

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	11 706,458	184 905,848	15,795	15,330
1							51	46	93 279	11 166,123	173 199,390	15,511	15,046
2							52	47	92 687	10 642,954	162 033,267	15,224	14,759
3							53	48	92 039	10 137,750	151 390,313	14,933	14,468
4							54	49	91 342	9 650,752	141 252,563	14,636	14,171
5	0	99 510	80 813,823	1 844 147,475	22,820	22,354	55	50	90 566	9 178,751	131 601,812	14,338	13,872
6	1	99 180	77 262,282	1 763 333,652	22,823	22,357	56	51	89 731	8 723,389	122 423,061	14,034	13,569
7	2	99 141	74 083,617	1 686 071,370	22,759	22,294	57	52	88 841	8 284,740	113 699,672	13,724	13,259
8	3	99 116	71 045,094	1 611 987,753	22,690	22,224	58	53	87 889	7 861,855	105 414,932	13,408	12,943
9	4	99 092	68 132,448	1 540 942,659	22,617	22,152	59	54	86 848	7 451,946	97 553,077	13,091	12,626
10	5	99 072	65 341,424	1 472 810,211	22,540	22,075	60	55	85 740	7 056,991	90 101,131	12,768	12,302
11	6	99 054	62 666,352	1 407 468,787	22,460	21,995	61	56	84 526	6 673,425	83 044,140	12,444	11,979
12	7	99 036	60 100,944	1 344 802,435	22,376	21,911	62	57	83 258	6 305,395	76 370,715	12,112	11,647
13	8	99 018	57 639,942	1 284 701,491	22,288	21,823	63	58	81 896	5 949,332	70 065,319	11,777	11,312
14	9	99 003	55 281,837	1 227 061,549	22,196	21,731	64	59	80 451	5 606,163	64 115,987	11,437	10,971
15	10	98 980	53 016,030	1 171 779,712	22,102	21,637	65	60	78 916	5 274,997	58 509,824	11,092	10,627
16	11	98 952	50 840,452	1 118 763,682	22,005	21,540	66	61	77 261	4 953,847	53 234,827	10,746	10,281
17	12	98 915	48 749,486	1 067 923,230	21,906	21,441	67	62	75 542	4 646,110	48 280,979	10,392	9,926
18	13	98 874	46 742,547	1 019 173,744	21,804	21,339	68	63	73 714	4 348,895	43 634,869	10,034	9,568
19	14	98 809	44 807,650	972 431,197	21,702	21,237	69	64	71 784	4 062,348	39 285,974	9,671	9,206
20	15	98 743	42 952,203	927 623,547	21,597	21,131	70	65	69 727	3 785,066	35 223,626	9,306	8,841
21	16	98 671	41 170,959	884 671,343	21,488	21,023	71	66	67 555	3 517,666	31 438,560	8,937	8,472
22	17	98 599	39 463,911	843 500,384	21,374	20,909	72	67	65 268	3 260,071	27 920,894	8,565	8,099
23	18	98 526	37 827,130	804 036,474	21,256	20,790	73	68	62 798	3 008,808	24 660,823	8,196	7,731
24	19	98 451	36 257,111	766 209,344	21,133	20,667	74	69	60 190	2 766,258	21 652,015	7,827	7,362
25	20	98 373	34 751,491	729 952,233	21,005	20,540	75	70	57 381	2 529,655	18 885,757	7,466	7,001
26	21	98 294	33 307,978	695 200,742	20,872	20,407	76	71	54 443	2 302,307	16 356,102	7,104	6,639
27	22	98 212	31 923,685	661 892,764	20,734	20,268	77	72	51 345	2 082,752	14 053,795	6,748	6,282
28	23	98 128	30 595,826	629 969,079	20,590	20,125	78	73	48 038	1 869,174	11 971,044	6,404	5,939
29	24	98 045	29 323,655	599 373,254	20,440	19,975	79	74	44 579	1 663,868	10 101,869	6,071	5,606
30	25	97 959	28 103,719	570 049,598	20,284	19,819	80	75	41 069	1 470,370	8 438,002	5,739	5,273
31	26	97 872	26 934,093	541 945,879	20,121	19,656	81	76	37 427	1 285,361	6 967,632	5,421	4,956
32	27	97 774	25 810,012	515 011,786	19,954	19,489	82	77	33 747	1 111,742	5 682,271	5,111	4,646
33	28	97 676	24 732,937	489 201,774	19,779	19,314	83	78	30 072	950,273	4 570,530	4,810	4,344
34	29	97 579	23 701,252	464 468,837	19,597	19,132	84	79	26 447	801,647	3 620,256	4,516	4,051
35	30	97 473	22 710,344	440 767,586	19,408	18,943	85	80	22 901	665,875	2 818,609	4,233	3,768
36	31	97 362	21 759,674	418 057,242	19,212	18,747	86	81	19 437	542,103	2 152,734	3,971	3,506
37	32	97 242	20 846,750	396 297,567	19,010	18,545	87	82	16 154	432,170	1 610,632	3,727	3,262
38	33	97 112	19 970,214	375 450,817	18,801	18,335	88	83	13 074	335,505	1 178,462	3,513	3,047
39	34	96 972	19 128,533	355 480,603	18,584	18,119	89	84	10 380	255,530	842,958	3,299	2,834
40	35	96 819	18 319,736	336 352,070	18,360	17,895	90	85	8 033	189,677	587,428	3,097	2,632
41	36	96 646	17 541,451	318 032,334	18,130	17,665	91	86	6 100	138,162	397,751	2,879	2,414
42	37	96 457	16 793,504	300 490,882	17,893	17,428	92	87	4 440	96,470	259,589	2,691	2,226
43	38	96 251	16 074,428	283 697,379	17,649	17,184	93	88	3 077	64,129	163,118	2,544	2,078
44	39	96 009	15 380,390	267 622,950	17,400	16,935	94	89	2 061	41,198	98,989	2,403	1,938
45	40	95 738	14 711,622	252 242,560	17,146	16,681	95	90	1 324	25,397	57,791	2,276	1,810
46	41	95 439	14 067,816	237 530,938	16,885	16,419	96	91	821	15,103	32,394	2,145	1,680
47	42	95 097	13 445,956	223 463,122	16,619	16,154	97	92	481	8,483	17,291	2,038	1,573
48	43	94 713	12 845,740	210 017,166	16,349	15,884	98	93	268	4,541	8,808	1,940	1,475
49	44	94 279	12 265,578	197 171,426	16,075	15,610	99	94	142	2,306	4,268	1,851	1,385
							100	95	71	1,109	1,961	1,769	1,304

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	11 719,711	185 943,029	15,866	15,401
1							51	45	93 405	11 181,246	174 223,318	15,582	15,117
2							52	46	92 831	10 659,486	163 042,072	15,295	14,830
3							53	47	92 199	10 155,373	152 382,586	15,005	14,540
4							54	48	91 511	9 668,667	142 227,212	14,710	14,245
5							55	49	90 756	9 197,994	132 558,545	14,412	13,946
6	0	99 498	77 510,285	1 764 935,685	22,770	22,305	56	50	89 942	8 743,819	123 360,551	14,108	13,643
7	1	99 170	74 104,688	1 687 425,400	22,771	22,306	57	51	89 063	8 305,427	114 616,733	13,800	13,335
8	2	99 132	71 056,549	1 613 320,712	22,705	22,240	58	52	88 134	7 883,699	106 311,306	13,485	13,020
9	3	99 106	68 142,219	1 542 264,163	22,633	22,168	59	53	87 112	7 474,663	98 427,606	13,168	12,703
10	4	99 083	65 349,256	1 474 121,944	22,558	22,092	60	54	86 014	7 079,547	90 952,943	12,847	12,382
11	5	99 063	62 672,021	1 408 772,688	22,478	22,013	61	55	84 831	6 697,520	83 873,396	12,523	12,058
12	6	99 044	60 105,763	1 346 100,667	22,396	21,930	62	56	83 575	6 329,402	77 175,876	12,193	11,728
13	7	99 026	57 644,757	1 285 994,904	22,309	21,844	63	57	82 235	5 973,983	70 846,474	11,859	11,394
14	8	99 009	55 285,271	1 228 350,146	22,218	21,753	64	58	80 820	5 631,843	64 872,491	11,519	11,054
15	9	98 986	53 019,396	1 173 064,875	22,125	21,660	65	59	79 295	5 300,324	59 240,649	11,177	10,712
16	10	98 960	50 844,548	1 120 045,479	22,029	21,564	66	60	77 686	4 981,083	53 940,325	10,829	10,364
17	11	98 923	48 753,358	1 069 200,931	21,931	21,466	67	61	75 973	4 672,676	48 959,242	10,478	10,013
18	12	98 881	46 746,130	1 020 447,573	21,830	21,364	68	62	74 180	4 376,356	44 286,565	10,120	9,654
19	13	98 819	44 812,058	973 701,443	21,729	21,263	69	63	72 266	4 089,620	39 910,209	9,759	9,294
20	14	98 755	42 957,521	928 889,384	21,623	21,158	70	64	70 232	3 812,500	35 820,589	9,396	8,930
21	15	98 684	41 176,541	885 931,863	21,515	21,050	71	65	68 082	3 545,113	32 008,089	9,029	8,564
22	16	98 615	39 470,256	844 755,322	21,402	20,937	72	66	65 809	3 287,090	28 462,975	8,659	8,194
23	17	98 544	37 833,771	805 285,066	21,285	20,820	73	67	63 370	3 036,193	25 175,885	8,292	7,827
24	18	98 472	36 265,032	767 451,295	21,162	20,697	74	68	60 785	2 793,622	22 139,692	7,925	7,460
25	19	98 394	34 758,966	731 186,263	21,036	20,571	75	69	58 017	2 557,707	19 346,070	7,564	7,099
26	20	98 314	33 315,007	696 427,297	20,904	20,439	76	70	55 102	2 330,148	16 788,363	7,205	6,740
27	21	98 234	31 930,587	663 112,289	20,767	20,302	77	71	52 039	2 110,918	14 458,215	6,849	6,384
28	22	98 150	30 602,858	631 181,703	20,625	20,160	78	72	48 793	1 898,555	12 347,298	6,504	6,038
29	23	98 067	29 330,327	600 578,845	20,476	20,011	79	73	45 365	1 693,221	10 448,743	6,171	5,706
30	24	97 982	28 110,110	571 248,518	20,322	19,857	80	74	41 878	1 499,343	8 755,522	5,840	5,374
31	25	97 894	26 940,096	543 138,408	20,161	19,696	81	75	38 280	1 314,653	7 256,179	5,519	5,054
32	26	97 800	25 816,910	516 198,312	19,995	19,529	82	76	34 625	1 140,655	5 941,527	5,209	4,744
33	27	97 701	24 739,323	490 381,402	19,822	19,357	83	77	30 969	978,608	4 800,872	4,906	4,441
34	28	97 605	23 707,409	465 642,080	19,641	19,176	84	78	27 357	829,226	3 822,264	4,609	4,144
35	29	97 500	22 716,645	441 934,670	19,454	18,989	85	79	23 795	691,854	2 993,038	4,326	3,861
36	30	97 389	21 765,648	419 218,026	19,261	18,795	86	80	20 318	566,681	2 301,184	4,061	3,596
37	31	97 273	20 853,549	397 452,378	19,059	18,594	87	81	16 995	454,674	1 734,503	3,815	3,350
38	32	97 146	19 977,133	376 598,829	18,851	18,386	88	82	13 862	355,734	1 279,828	3,598	3,132
39	33	97 007	19 135,456	356 621,696	18,637	18,171	89	83	11 101	273,282	924,094	3,381	2,916
40	34	96 859	18 327,174	337 486,240	18,415	17,949	90	84	8 674	204,832	650,812	3,177	2,712
41	35	96 687	17 548,930	319 159,066	18,187	17,722	91	85	6 669	151,046	445,981	2,953	2,487
42	36	96 502	16 801,338	301 610,136	17,952	17,486	92	86	4 915	106,791	294,935	2,762	2,297
43	37	96 302	16 082,899	284 808,798	17,709	17,244	93	87	3 476	72,434	188,143	2,597	2,132
44	38	96 066	15 389,463	268 725,899	17,462	16,996	94	88	2 356	47,108	115,709	2,456	1,991
45	39	95 805	14 721,976	253 336,435	17,208	16,743	95	89	1 540	29,523	68,600	2,324	1,858
46	40	95 507	14 077,851	238 614,460	16,950	16,484	96	90	964	17,731	39,077	2,204	1,739
47	41	95 176	13 457,139	224 536,609	16,685	16,220	97	91	581	10,259	21,346	2,081	1,615
48	42	94 803	12 857,903	211 079,470	16,416	15,951	98	92	331	5,599	11,087	1,980	1,515
49	43	94 379	12 278,538	198 221,568	16,144	15,679	99	93	179	2,908	5,488	1,887	1,422
							100	94	92	1,431	2,580	1,803	1,338



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	11 732,095	186 895,188	15,930	15,465
1							51	44	93 511	11 193,905	175 163,093	15,648	15,183
2							52	45	92 956	10 673,923	163 969,188	15,362	14,896
3							53	46	92 342	10 171,148	153 295,265	15,072	14,606
4							54	47	91 670	9 685,476	143 124,117	14,777	14,312
5							55	48	90 925	9 215,069	133 438,641	14,480	14,015
6							56	49	90 130	8 762,150	124 223,572	14,177	13,712
7	0	99 488	74 342,555	1 688 906,627	22,718	22,253	57	50	89 272	8 324,878	115 461,422	13,869	13,404
8	1	99 160	71 076,758	1 614 564,072	22,716	22,251	58	51	88 354	7 903,385	107 136,545	13,556	13,091
9	2	99 122	68 153,206	1 543 487,314	22,647	22,182	59	52	87 354	7 495,432	99 233,160	13,239	12,774
10	3	99 098	65 358,628	1 475 334,107	22,573	22,108	60	53	86 276	7 101,129	91 737,728	12,919	12,454
11	4	99 075	62 679,533	1 409 975,480	22,495	22,030	61	54	85 102	6 718,928	84 636,600	12,597	12,132
12	5	99 053	60 111,201	1 347 295,947	22,413	21,948	62	55	83 877	6 352,255	77 917,672	12,266	11,801
13	6	99 034	57 649,380	1 287 184,746	22,328	21,863	63	56	82 548	5 996,728	71 565,417	11,934	11,469
14	7	99 017	55 289,890	1 229 535,366	22,238	21,773	64	57	81 155	5 655,177	65 568,690	11,594	11,129
15	8	98 993	53 022,689	1 174 245,476	22,146	21,681	65	58	79 658	5 324,602	59 913,512	11,252	10,787
16	9	98 967	50 847,776	1 121 222,786	22,051	21,585	66	59	78 059	5 004,999	54 588,910	10,907	10,442
17	10	98 931	48 757,286	1 070 375,011	21,953	21,488	67	60	76 391	4 698,367	49 583,911	10,553	10,088
18	11	98 889	46 749,843	1 021 617,725	21,853	21,388	68	61	74 604	4 401,380	44 885,545	10,198	9,733
19	12	98 826	44 815,494	974 867,881	21,753	21,288	69	62	72 722	4 115,444	40 484,165	9,837	9,372
20	13	98 765	42 961,748	930 052,387	21,648	21,183	70	63	70 703	3 838,095	36 368,721	9,476	9,011
21	14	98 696	41 181,639	887 090,640	21,541	21,076	71	64	68 575	3 570,808	32 530,626	9,110	8,645
22	15	98 628	39 475,607	845 909,001	21,429	20,963	72	65	66 323	3 312,738	28 959,818	8,742	8,277
23	16	98 560	37 839,854	806 433,394	21,312	20,847	73	66	63 895	3 061,357	25 647,079	8,378	7,912
24	17	98 489	36 271,399	768 593,539	21,190	20,725	74	67	61 338	2 819,049	22 585,722	8,012	7,547
25	18	98 415	34 766,561	732 322,140	21,064	20,599	75	68	58 591	2 583,008	19 766,673	7,653	7,187
26	19	98 336	33 322,173	697 555,580	20,934	20,468	76	69	55 713	2 355,987	17 183,665	7,294	6,828
27	20	98 254	31 937,325	664 233,406	20,798	20,333	77	70	52 668	2 136,444	14 827,678	6,940	6,475
28	21	98 172	30 609,474	632 296,081	20,657	20,192	78	71	49 453	1 924,230	12 691,234	6,595	6,130
29	22	98 090	29 337,068	601 686,607	20,509	20,044	79	72	46 078	1 719,835	10 767,004	6,260	5,795
30	23	98 004	28 116,505	572 349,539	20,356	19,891	80	73	42 617	1 525,793	9 047,169	5,929	5,464
31	24	97 916	26 946,222	544 233,034	20,197	19,732	81	74	39 034	1 340,558	7 521,375	5,611	5,145
32	25	97 822	25 822,664	517 286,811	20,032	19,567	82	75	35 414	1 166,649	6 180,818	5,298	4,833
33	26	97 727	24 745,934	491 464,147	19,860	19,395	83	76	31 774	1 004,059	5 014,169	4,994	4,529
34	27	97 630	23 713,531	466 718,214	19,682	19,216	84	77	28 172	853,951	4 010,110	4,696	4,231
35	28	97 526	22 722,546	443 004,683	19,496	19,031	85	78	24 613	715,655	3 156,159	4,410	3,945
36	29	97 416	21 771,686	420 282,137	19,304	18,839	86	79	21 111	588,791	2 440,503	4,145	3,680
37	30	97 300	20 859,274	398 510,450	19,105	18,639	87	80	17 765	475,289	1 851,712	3,896	3,431
38	31	97 177	19 983,648	377 651,176	18,898	18,433	88	81	14 584	374,259	1 376,423	3,678	3,213
39	32	97 041	19 142,086	357 667,529	18,685	18,220	89	82	11 771	289,760	1 002,165	3,459	2,993
40	33	96 894	18 333,807	338 525,443	18,465	17,999	90	83	9 277	219,062	712,405	3,252	2,787
41	34	96 727	17 556,055	320 191,636	18,238	17,773	91	84	7 201	163,114	493,343	3,025	2,559
42	35	96 544	16 808,501	302 635,581	18,005	17,540	92	85	5 373	116,750	330,229	2,829	2,363
43	36	96 347	16 090,402	285 827,080	17,764	17,299	93	86	3 847	80,184	213,480	2,662	2,197
44	37	96 117	15 397,573	269 736,677	17,518	17,053	94	87	2 662	53,209	133,295	2,505	2,040
45	38	95 862	14 730,660	254 339,104	17,266	16,801	95	88	1 760	33,759	80,086	2,372	1,907
46	39	95 574	14 087,758	239 608,444	17,008	16,543	96	89	1 121	20,612	46,327	2,248	1,782
47	40	95 244	13 466,738	225 520,686	16,746	16,281	97	90	683	12,044	25,715	2,135	1,670
48	41	94 882	12 868,596	212 053,948	16,478	16,013	98	91	400	6,771	13,671	2,019	1,554
49	42	94 468	12 290,164	199 185,352	16,207	15,742	99	92	221	3,585	6,900	1,925	1,459
							100	93	116	1,804	3,315	1,837	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	11 743,203	187 768,480	15,990	15,524
1							51	43	93 609	11 205,733	176 025,277	15,709	15,243
2							52	44	93 062	10 686,007	164 819,544	15,424	14,959
3							53	45	92 468	10 184,924	154 133,537	15,133	14,668
4							54	46	91 813	9 700,520	143 948,613	14,839	14,374
5							55	47	91 083	9 231,089	134 248,093	14,543	14,078
6							56	48	90 297	8 778,416	125 017,004	14,241	13,776
7							57	49	89 459	8 342,330	116 238,588	13,934	13,468
8	0	99 478	71 304,907	1 615 933,420	22,662	22,197	58	50	88 561	7 921,894	107 896,258	13,620	13,155
9	1	99 150	68 172,590	1 544 628,513	22,658	22,192	59	51	87 572	7 514,148	99 974,364	13,305	12,840
10	2	99 114	65 369,166	1 476 455,923	22,586	22,121	60	52	86 516	7 120,860	92 460,216	12,984	12,519
11	3	99 089	62 688,521	1 411 086,757	22,509	22,044	61	53	85 361	6 739,410	85 339,357	12,663	12,198
12	4	99 065	60 118,406	1 348 398,236	22,429	21,964	62	54	84 145	6 372,559	78 599,947	12,334	11,869
13	5	99 043	57 654,595	1 288 279,830	22,345	21,880	63	55	82 846	6 018,379	72 227,388	12,001	11,536
14	6	99 025	55 294,324	1 230 625,235	22,256	21,791	64	56	81 464	5 676,709	66 209,009	11,663	11,198
15	7	99 001	53 027,119	1 175 330,911	22,165	21,699	65	57	79 988	5 346,664	60 532,301	11,322	10,856
16	8	98 973	50 850,934	1 122 303,791	22,070	21,605	66	58	78 417	5 027,925	55 185,637	10,976	10,511
17	9	98 937	48 760,382	1 071 452,857	21,974	21,509	67	59	76 758	4 720,925	50 157,712	10,625	10,159
18	10	98 897	46 753,610	1 022 692,476	21,874	21,409	68	60	75 014	4 425,578	45 436,787	10,267	9,802
19	11	98 834	44 819,053	975 938,866	21,775	21,310	69	61	73 138	4 138,976	41 011,209	9,909	9,443
20	12	98 773	42 965,041	931 119,813	21,672	21,206	70	62	71 150	3 862,331	36 872,233	9,547	9,081
21	13	98 706	41 185,691	888 154,772	21,565	21,099	71	63	69 036	3 594,781	33 009,903	9,183	8,718
22	14	98 641	39 480,495	846 969,081	21,453	20,988	72	64	66 804	3 336,749	29 415,122	8,816	8,350
23	15	98 573	37 844,984	807 488,586	21,337	20,872	73	65	64 394	3 085,244	26 078,373	8,453	7,987
24	16	98 505	36 277,231	769 643,602	21,216	20,750	74	66	61 847	2 842,413	22 993,129	8,089	7,624
25	17	98 433	34 772,664	733 366,371	21,090	20,625	75	67	59 124	2 606,518	20 150,716	7,731	7,266
26	18	98 357	33 329,454	698 593,706	20,960	20,495	76	68	56 264	2 379,293	17 544,198	7,374	6,908
27	19	98 276	31 944,195	665 264,252	20,826	20,361	77	69	53 252	2 160,136	15 164,905	7,020	6,555
28	20	98 192	30 615,934	633 320,058	20,686	20,221	78	70	50 051	1 947,499	13 004,769	6,678	6,212
29	21	98 111	29 343,411	602 704,124	20,540	20,074	79	71	46 701	1 743,093	11 057,271	6,343	5,878
30	22	98 026	28 122,968	573 360,713	20,388	19,922	80	72	43 287	1 549,776	9 314,177	6,010	5,545
31	23	97 939	26 952,353	545 237,745	20,230	19,764	81	73	39 723	1 364,207	7 764,401	5,692	5,226
32	24	97 844	25 828,536	518 285,393	20,066	19,601	82	74	36 112	1 189,638	6 400,194	5,380	4,915
33	25	97 749	24 751,449	492 456,856	19,896	19,431	83	75	32 498	1 026,940	5 210,557	5,074	4,609
34	26	97 656	23 719,868	467 705,407	19,718	19,253	84	76	28 905	876,160	4 183,616	4,775	4,310
35	27	97 551	22 728,413	443 985,539	19,534	19,069	85	77	25 347	736,995	3 307,456	4,488	4,023
36	28	97 441	21 777,343	421 257,126	19,344	18,879	86	78	21 837	609,047	2 570,462	4,220	3,755
37	29	97 327	20 865,061	399 479,783	19,146	18,681	87	79	18 459	493,833	1 961,415	3,972	3,507
38	30	97 204	19 989,134	378 614,722	18,941	18,476	88	80	15 245	391,227	1 467,583	3,751	3,286
39	31	97 073	19 148,329	358 625,589	18,729	18,264	89	81	12 384	304,849	1 076,355	3,531	3,066
40	32	96 927	18 340,159	339 477,260	18,510	18,045	90	82	9 836	232,270	771,507	3,322	2,856
41	33	96 762	17 562,409	321 137,101	18,285	17,820	91	83	7 702	174,446	539,236	3,091	2,626
42	34	96 583	16 815,325	303 574,693	18,053	17,588	92	84	5 803	126,078	364,790	2,893	2,428
43	35	96 388	16 097,262	286 759,367	17,814	17,349	93	85	4 206	87,661	238,713	2,723	2,258
44	36	96 162	15 404,757	270 662,105	17,570	17,105	94	86	2 946	58,902	151,052	2,564	2,099
45	37	95 912	14 738,423	255 257,348	17,319	16,854	95	87	1 988	38,131	92,149	2,417	1,951
46	38	95 631	14 096,069	240 518,925	17,063	16,598	96	88	1 281	23,569	54,018	2,292	1,827
47	39	95 311	13 476,215	226 422,856	16,802	16,336	97	89	793	14,001	30,449	2,175	1,710
48	40	94 949	12 877,776	212 946,642	16,536	16,071	98	90	470	7,949	16,448	2,069	1,604
49	41	94 547	12 300,385	200 068,866	16,265	15,800	99	91	267	4,336	8,499	1,960	1,495
							100	92	143	2,225	4,163	1,871	1,406

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	11 752,970	188 568,627	16,044	15,579
1							51	42	93 698	11 216,343	176 815,657	15,764	15,299
2							52	43	93 160	10 697,299	165 599,314	15,480	15,015
3							53	44	92 572	10 196,454	154 902,015	15,192	14,727
4							54	45	91 937	9 713,659	144 705,561	14,897	14,432
5							55	46	91 224	9 245,427	134 991,902	14,601	14,136
6							56	47	90 454	8 793,677	125 746,475	14,300	13,834
7							57	48	89 625	8 357,817	116 952,798	13,993	13,528
8							58	49	88 746	7 938,502	108 594,981	13,680	13,214
9	0	99 469	68 391,416	1 545 894,418	22,604	22,138	59	50	87 778	7 531,745	100 656,479	13,364	12,899
10	1	99 142	65 387,758	1 477 503,002	22,596	22,131	60	51	86 732	7 138,640	93 124,734	13,045	12,580
11	2	99 105	62 698,629	1 412 115,244	22,522	22,057	61	52	85 599	6 758,136	85 986,093	12,723	12,258
12	3	99 079	60 127,028	1 349 416,615	22,443	21,978	62	53	84 402	6 391,985	79 227,958	12,395	11,930
13	4	99 055	57 661,506	1 289 289,587	22,360	21,894	63	54	83 111	6 037,616	72 835,973	12,064	11,598
14	5	99 034	55 299,326	1 231 628,081	22,272	21,807	64	55	81 758	5 697,205	66 798,357	11,725	11,260
15	6	99 009	53 031,371	1 176 328,755	22,182	21,717	65	56	80 293	5 367,021	61 101,153	11,385	10,919
16	7	98 981	50 855,183	1 123 297,384	22,088	21,623	66	57	78 742	5 048,757	55 734,132	11,039	10,574
17	8	98 943	48 763,411	1 072 442,201	21,993	21,528	67	58	77 110	4 742,549	50 685,375	10,687	10,222
18	9	98 904	46 756,578	1 023 678,791	21,894	21,429	68	59	75 374	4 446,827	45 942,826	10,332	9,866
19	10	98 842	44 822,664	976 922,213	21,795	21,330	69	60	73 540	4 161,732	41 495,999	9,971	9,506
20	11	98 780	42 968,454	932 099,549	21,693	21,227	70	61	71 557	3 884,415	37 334,267	9,611	9,146
21	12	98 714	41 188,848	889 131,095	21,587	21,121	71	62	69 471	3 617,479	33 449,852	9,247	8,782
22	13	98 650	39 484,379	847 942,247	21,475	21,010	72	63	67 252	3 359,150	29 832,373	8,881	8,416
23	14	98 585	37 849,670	808 457,868	21,360	20,894	73	64	64 860	3 107,606	26 473,223	8,519	8,054
24	15	98 519	36 282,150	770 608,198	21,239	20,774	74	65	62 329	2 864,592	23 365,617	8,157	7,691
25	16	98 449	34 778,255	734 326,049	21,115	20,649	75	66	59 614	2 628,121	20 501,025	7,801	7,335
26	17	98 374	33 335,305	699 547,793	20,985	20,520	76	67	56 776	2 400,948	17 872,904	7,444	6,979
27	18	98 297	31 951,174	666 212,488	20,851	20,386	77	68	53 779	2 181,504	15 471,956	7,092	6,627
28	19	98 213	30 622,519	634 261,314	20,712	20,247	78	69	50 606	1 969,095	13 290,452	6,750	6,284
29	20	98 131	29 349,603	603 638,794	20,567	20,102	79	70	47 266	1 764,172	11 321,357	6,417	5,952
30	21	98 048	28 129,048	574 289,191	20,416	19,951	80	71	43 872	1 570,735	9 557,185	6,085	5,619
31	22	97 961	26 958,548	546 160,143	20,259	19,794	81	72	40 347	1 385,650	7 986,450	5,764	5,298
32	23	97 866	25 834,412	519 201,596	20,097	19,632	82	73	36 749	1 210,624	6 600,800	5,452	4,987
33	24	97 771	24 757,078	493 367,183	19,928	19,463	83	74	33 139	1 047,176	5 390,176	5,147	4,682
34	25	97 678	23 725,155	468 610,105	19,752	19,286	84	75	29 564	896,127	4 343,000	4,846	4,381
35	26	97 577	22 734,487	444 884,951	19,569	19,104	85	76	26 006	756,162	3 446,873	4,558	4,093
36	27	97 466	21 782,966	422 150,464	19,380	18,915	86	77	22 488	627,207	2 690,712	4,290	3,825
37	28	97 352	20 870,482	400 367,498	19,183	18,718	87	78	19 094	510,822	2 063,505	4,040	3,574
38	29	97 231	19 994,679	379 497,016	18,980	18,515	88	79	15 840	406,491	1 552,683	3,820	3,355
39	30	97 099	19 153,585	359 502,337	18,769	18,304	89	80	12 945	318,670	1 146,192	3,597	3,132
40	31	96 959	18 346,140	340 348,752	18,552	18,086	90	81	10 349	244,365	827,521	3,386	2,921
41	32	96 795	17 568,493	322 002,612	18,328	17,863	91	82	8 166	184,964	583,156	3,153	2,688
42	33	96 618	16 821,411	304 434,118	18,098	17,633	92	83	6 206	134,836	398,192	2,953	2,488
43	34	96 427	16 103,798	287 612,707	17,860	17,395	93	84	4 542	94,665	263,355	2,782	2,317
44	35	96 203	15 411,324	271 508,909	17,617	17,152	94	85	3 221	64,395	168,690	2,620	2,154
45	36	95 957	14 745,299	256 097,585	17,368	16,903	95	86	2 201	42,211	104,295	2,471	2,006
46	37	95 681	14 103,497	241 352,286	17,113	16,648	96	87	1 447	26,622	62,085	2,332	1,867
47	38	95 367	13 484,165	227 248,789	16,853	16,388	97	88	907	16,010	35,463	2,215	1,750
48	39	95 016	12 886,838	213 764,624	16,588	16,123	98	89	546	9,240	19,454	2,105	1,640
49	40	94 614	12 309,159	200 877,786	16,319	15,854	99	90	314	5,090	10,213	2,006	1,541
							100	91	173	2,691	5,123	1,904	1,439

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	11 761,353	189 300,911	16,095	15,630
1							51	41	93 776	11 225,671	177 539,558	15,815	15,350
2							52	42	93 248	10 707,427	166 313,887	15,533	15,067
3							53	43	92 670	10 207,228	155 606,459	15,245	14,780
4							54	44	92 041	9 724,656	145 399,231	14,952	14,486
5							55	45	91 348	9 257,949	135 674,575	14,655	14,190
6							56	46	90 595	8 807,336	126 416,626	14,354	13,888
7							57	47	89 781	8 372,347	117 609,290	14,047	13,582
8							58	48	88 911	7 953,239	109 236,943	13,735	13,270
9							59	49	87 962	7 547,535	101 283,704	13,419	12,954
10	0	99 460	65 597,645	1 478 673,394	22,542	22,076	60	50	86 935	7 155,359	93 736,169	13,100	12,635
11	1	99 133	62 716,462	1 413 075,749	22,531	22,066	61	51	85 812	6 775,011	86 580,810	12,779	12,314
12	2	99 095	60 136,723	1 350 359,287	22,455	21,990	62	52	84 636	6 409,745	79 805,800	12,451	11,985
13	3	99 069	57 669,775	1 290 222,565	22,373	21,907	63	53	83 364	6 056,021	73 396,054	12,120	11,654
14	4	99 046	55 305,954	1 232 552,790	22,286	21,821	64	54	82 019	5 715,415	67 340,033	11,782	11,317
15	5	99 018	53 036,169	1 177 246,836	22,197	21,732	65	55	80 583	5 386,398	61 624,619	11,441	10,976
16	6	98 989	50 859,260	1 124 210,667	22,104	21,639	66	56	79 041	5 067,979	56 238,220	11,097	10,632
17	7	98 952	48 767,485	1 073 351,406	22,010	21,544	67	57	77 429	4 762,199	51 170,241	10,745	10,280
18	8	98 910	46 759,483	1 024 583,922	21,912	21,447	68	58	75 719	4 467,196	46 408,041	10,389	9,923
19	9	98 849	44 825,510	977 824,439	21,814	21,349	69	59	73 893	4 181,713	41 940,846	10,030	9,564
20	10	98 788	42 971,915	932 998,929	21,712	21,247	70	60	71 950	3 905,772	37 759,133	9,668	9,202
21	11	98 721	41 192,119	890 027,014	21,607	21,142	71	61	69 869	3 638,164	33 853,361	9,305	8,840
22	12	98 658	39 487,406	848 834,895	21,496	21,031	72	62	67 677	3 380,361	30 215,197	8,938	8,473
23	13	98 595	37 853,394	809 347,489	21,381	20,916	73	63	65 296	3 128,468	26 834,836	8,578	8,112
24	14	98 531	36 286,642	771 494,095	21,261	20,796	74	64	62 781	2 885,354	23 706,367	8,216	7,751
25	15	98 462	34 782,971	735 207,453	21,137	20,672	75	65	60 079	2 648,627	20 821,013	7,861	7,396
26	16	98 390	33 340,665	700 424,483	21,008	20,543	76	66	57 246	2 420,847	18 172,386	7,507	7,041
27	17	98 314	31 956,784	667 083,817	20,875	20,409	77	67	54 269	2 201,360	15 751,538	7,155	6,690
28	18	98 235	30 629,210	635 127,034	20,736	20,271	78	68	51 106	1 988,574	13 550,179	6,814	6,349
29	19	98 153	29 355,916	604 497,824	20,592	20,127	79	69	47 790	1 783,735	11 561,605	6,482	6,016
30	20	98 068	28 134,984	575 141,908	20,442	19,977	80	70	44 403	1 589,729	9 777,870	6,151	5,685
31	21	97 982	26 964,376	547 006,923	20,286	19,821	81	71	40 893	1 404,389	8 188,141	5,830	5,365
32	22	97 889	25 840,350	520 042,547	20,125	19,660	82	72	37 327	1 229,653	6 783,752	5,517	5,052
33	23	97 793	24 762,710	494 202,197	19,958	19,492	83	73	33 723	1 065,650	5 554,099	5,212	4,747
34	24	97 700	23 730,550	469 439,487	19,782	19,317	84	74	30 146	913,785	4 488,450	4,912	4,447
35	25	97 599	22 739,554	445 708,937	19,601	19,135	85	75	26 599	773,394	3 574,665	4,622	4,157
36	26	97 493	21 788,787	422 969,383	19,412	18,947	86	76	23 073	643,519	2 801,271	4,353	3,888
37	27	97 378	20 875,870	401 180,596	19,217	18,752	87	77	19 663	526,053	2 157,753	4,102	3,637
38	28	97 256	19 999,874	380 304,726	19,015	18,550	88	78	16 385	420,476	1 631,700	3,881	3,415
39	29	97 126	19 158,899	360 304,851	18,806	18,341	89	79	13 450	331,104	1 211,224	3,658	3,193
40	30	96 985	18 351,177	341 145,952	18,590	18,125	90	80	10 818	255,445	880,120	3,445	2,980
41	31	96 827	17 574,223	322 794,776	18,368	17,902	91	81	8 591	194,596	624,676	3,210	2,745
42	32	96 651	16 827,239	305 220,553	18,138	17,673	92	82	6 580	142,967	430,080	3,008	2,543
43	33	96 462	16 109,626	288 393,314	17,902	17,437	93	83	4 858	101,242	287,113	2,836	2,371
44	34	96 242	15 417,581	272 283,688	17,661	17,195	94	84	3 478	69,540	185,871	2,673	2,208
45	35	95 998	14 751,585	256 866,106	17,413	16,948	95	85	2 406	46,147	116,332	2,521	2,056
46	36	95 726	14 110,077	242 114,521	17,159	16,694	96	86	1 602	29,470	70,185	2,382	1,916
47	37	95 417	13 491,271	228 004,444	16,900	16,435	97	87	1 025	18,083	40,715	2,252	1,786
48	38	95 072	12 894,441	214 513,174	16,636	16,171	98	88	624	10,566	22,632	2,142	1,677
49	39	94 681	12 317,822	201 618,733	16,368	15,903	99	89	364	5,917	12,066	2,039	1,574
							100	90	203	3,159	6,148	1,946	1,481

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	11 769,630	189 971,500	16,141	15,676
1							51	40	93 843	11 233,679	178 201,869	15,863	15,398
2							52	41	93 326	10 716,332	166 968,191	15,581	15,116
3							53	42	92 758	10 216,893	156 251,858	15,293	14,828
4							54	43	92 138	9 734,931	146 034,965	15,001	14,536
5							55	44	91 451	9 268,430	136 300,034	14,706	14,241
6							56	45	90 718	8 819,265	127 031,604	14,404	13,939
7							57	46	89 920	8 385,351	118 212,339	14,097	13,632
8							58	47	89 066	7 967,065	109 826,988	13,785	13,320
9							59	48	88 125	7 561,547	101 859,922	13,471	13,006
10							60	49	87 117	7 170,360	94 298,376	13,151	12,686
11	0	99 451	62 917,774	1 414 158,047	22,476	22,011	61	50	86 013	6 790,877	87 128,016	12,830	12,365
12	1	99 123	60 153,826	1 351 240,273	22,463	21,998	62	51	84 848	6 425,751	80 337,139	12,502	12,037
13	2	99 085	57 679,073	1 291 086,447	22,384	21,919	63	52	83 596	6 072,848	73 911,388	12,171	11,706
14	3	99 060	55 313,886	1 233 407,373	22,298	21,833	64	53	82 269	5 732,838	67 838,540	11,833	11,368
15	4	99 030	53 042,526	1 178 093,488	22,210	21,745	65	54	80 840	5 403,615	62 105,703	11,493	11,028
16	5	98 998	50 863,862	1 125 050,962	22,119	21,654	66	55	79 327	5 086,277	56 702,088	11,148	10,683
17	6	98 960	48 771,395	1 074 187,100	22,025	21,560	67	56	77 724	4 780,331	51 615,810	10,798	10,332
18	7	98 918	46 763,389	1 025 415,705	21,928	21,463	68	57	76 033	4 485,705	46 835,479	10,441	9,976
19	8	98 855	44 828,294	978 652,316	21,831	21,366	69	58	74 231	4 200,868	42 349,775	10,081	9,616
20	9	98 795	42 974,644	933 824,022	21,730	21,264	70	59	72 296	3 924,524	38 148,907	9,721	9,255
21	10	98 729	41 195,438	890 849,378	21,625	21,160	71	60	70 253	3 658,167	34 224,383	9,356	8,890
22	11	98 666	39 490,542	849 653,940	21,515	21,050	72	61	68 064	3 399,690	30 566,216	8,991	8,526
23	12	98 602	37 856,295	810 163,398	21,401	20,936	73	62	65 708	3 148,223	27 166,526	8,629	8,164
24	13	98 541	36 290,212	772 307,102	21,281	20,816	74	63	63 202	2 904,725	24 018,303	8,269	7,803
25	14	98 474	34 787,277	736 016,891	21,158	20,692	75	64	60 515	2 667,825	21 113,579	7,914	7,449
26	15	98 404	33 345,186	701 229,613	21,029	20,564	76	65	57 693	2 439,737	18 445,754	7,561	7,095
27	16	98 330	31 961,922	667 884,428	20,896	20,431	77	66	54 718	2 219,604	16 006,017	7,211	6,746
28	17	98 252	30 634,587	635 922,506	20,758	20,293	78	67	51 571	2 006,673	13 786,413	6,870	6,405
29	18	98 174	29 362,330	605 287,919	20,614	20,149	79	68	48 263	1 801,380	11 779,740	6,539	6,074
30	19	98 089	28 141,036	575 925,588	20,466	20,000	80	69	44 895	1 607,358	9 978,360	6,208	5,743
31	20	98 003	26 970,066	547 784,552	20,311	19,846	81	70	41 387	1 421,372	8 371,002	5,889	5,424
32	21	97 910	25 845,937	520 814,486	20,151	19,686	82	71	37 832	1 246,282	6 949,630	5,576	5,111
33	22	97 816	24 768,402	494 968,549	19,984	19,519	83	72	34 253	1 082,400	5 703,348	5,269	4,804
34	23	97 722	23 735,949	470 200,147	19,810	19,344	84	73	30 678	929,905	4 620,948	4,969	4,504
35	24	97 621	22 744,725	446 464,199	19,629	19,164	85	74	27 123	788,633	3 691,043	4,680	4,215
36	25	97 514	21 793,643	423 719,473	19,442	18,977	86	75	23 599	658,184	2 902,410	4,410	3,945
37	26	97 404	20 881,449	401 925,830	19,248	18,783	87	76	20 174	539,734	2 244,226	4,158	3,693
38	27	97 281	20 005,038	381 044,381	19,047	18,582	88	77	16 873	433,013	1 704,492	3,936	3,471
39	28	97 152	19 163,877	361 039,343	18,840	18,374	89	78	13 913	342,494	1 271,479	3,712	3,247
40	29	97 012	18 356,268	341 875,466	18,624	18,159	90	79	11 240	265,411	928,985	3,500	3,035
41	30	96 853	17 579,047	323 519,198	18,404	17,938	91	80	8 981	203,419	663,574	3,262	2,797
42	31	96 683	16 832,727	305 940,151	18,175	17,710	92	81	6 923	150,411	460,155	3,059	2,594
43	32	96 495	16 115,207	289 107,424	17,940	17,475	93	82	5 151	107,346	309,743	2,885	2,420
44	33	96 276	15 423,161	272 992,217	17,700	17,235	94	83	3 720	74,371	202,397	2,721	2,256
45	34	96 037	14 757,574	257 569,055	17,453	16,988	95	84	2 599	49,834	128,026	2,569	2,104
46	35	95 766	14 116,092	242 811,481	17,201	16,736	96	85	1 751	32,218	78,192	2,427	1,962
47	36	95 462	13 497,565	228 695,389	16,943	16,478	97	86	1 134	20,018	45,975	2,297	1,831
48	37	95 122	12 901,236	215 197,824	16,680	16,215	98	87	705	11,934	25,957	2,175	1,710
49	38	94 736	12 325,088	202 296,588	16,413	15,948	99	88	417	6,766	14,022	2,072	1,607
							100	89	236	3,672	7,256	1,976	1,511

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	11 776,574	190 584,868	16,183	15,718
1							51	39	93 909	11 241,584	178 808,295	15,906	15,441
2							52	40	93 392	10 723,976	167 566,710	15,625	15,160
3							53	41	92 835	10 225,390	156 842,734	15,339	14,873
4							54	42	92 226	9 744,149	146 617,344	15,047	14,581
5							55	43	91 548	9 278,224	136 873,195	14,752	14,287
6							56	44	90 820	8 829,249	127 594,971	14,451	13,986
7							57	45	90 042	8 396,709	118 765,722	14,144	13,679
8							58	46	89 204	7 979,441	110 369,014	13,832	13,366
9							59	47	88 278	7 574,692	102 389,573	13,517	13,052
10							60	48	87 279	7 183,671	94 814,881	13,199	12,733
11							61	49	86 194	6 805,114	87 631,210	12,877	12,412
12	0	99 442	60 346,913	1 352 241,383	22,408	21,943	62	50	85 046	6 440,799	80 826,096	12,549	12,084
13	1	99 113	57 695,478	1 291 894,470	22,392	21,926	63	51	83 805	6 088,012	74 385,297	12,218	11,753
14	2	99 076	55 322,804	1 234 198,992	22,309	21,844	64	52	82 498	5 748,767	68 297,285	11,880	11,415
15	3	99 044	53 050,133	1 178 876,187	22,222	21,757	65	53	81 087	5 420,088	62 548,519	11,540	11,075
16	4	99 010	50 869,958	1 125 826,054	22,131	21,666	66	54	79 580	5 102,535	57 128,431	11,196	10,731
17	5	98 969	48 775,807	1 074 956,096	22,039	21,573	67	55	78 004	4 797,590	52 025,896	10,844	10,379
18	6	98 926	46 767,139	1 026 180,289	21,942	21,477	68	56	76 323	4 502,783	47 228,306	10,489	10,023
19	7	98 863	44 832,040	979 413,150	21,846	21,381	69	57	74 539	4 218,274	42 725,522	10,129	9,663
20	8	98 801	42 977,313	934 581,110	21,746	21,281	70	58	72 627	3 942,501	38 507,249	9,767	9,302
21	9	98 736	41 198,053	891 603,797	21,642	21,177	71	59	70 590	3 675,730	34 564,748	9,404	8,938
22	10	98 674	39 493,724	850 405,744	21,533	21,067	72	60	68 438	3 418,381	30 889,018	9,036	8,571
23	11	98 610	37 859,302	810 912,020	21,419	20,954	73	61	66 084	3 166,224	27 470,637	8,676	8,211
24	12	98 548	36 292,994	773 052,718	21,300	20,835	74	62	63 602	2 923,066	24 304,412	8,315	7,849
25	13	98 484	34 790,700	736 759,724	21,177	20,712	75	63	60 921	2 685,735	21 381,346	7,961	7,496
26	14	98 416	33 349,314	701 969,025	21,049	20,584	76	64	58 111	2 457,420	18 695,611	7,608	7,143
27	15	98 343	31 966,255	668 619,710	20,916	20,451	77	65	55 145	2 236,923	16 238,191	7,259	6,794
28	16	98 268	30 639,513	636 653,455	20,779	20,314	78	66	51 999	2 023,304	14 001,268	6,920	6,455
29	17	98 191	29 367,485	606 013,942	20,636	20,170	79	67	48 702	1 817,776	11 977,964	6,589	6,124
30	18	98 111	28 147,184	576 646,457	20,487	20,022	80	68	45 339	1 623,258	10 160,188	6,259	5,794
31	19	98 024	26 975,868	548 499,272	20,333	19,868	81	69	41 846	1 437,134	8 536,930	5,940	5,475
32	20	97 930	25 851,391	521 523,405	20,174	19,709	82	70	38 289	1 261,353	7 099,796	5,629	5,163
33	21	97 837	24 773,757	495 672,014	20,008	19,543	83	71	34 716	1 097,038	5 838,443	5,322	4,857
34	22	97 745	23 741,404	470 898,257	19,834	19,369	84	72	31 160	944,522	4 741,405	5,020	4,555
35	23	97 643	22 749,900	447 156,852	19,655	19,190	85	73	27 602	802,546	3 796,884	4,731	4,266
36	24	97 536	21 798,599	424 406,952	19,469	19,004	86	74	24 064	671,153	2 994,338	4,461	3,996
37	25	97 425	20 886,103	402 608,353	19,276	18,811	87	75	20 634	552,034	2 323,185	4,208	3,743
38	26	97 307	20 010,384	381 722,250	19,076	18,611	88	76	17 312	444,275	1 771,151	3,987	3,521
39	27	97 177	19 168,825	361 711,866	18,870	18,405	89	77	14 328	352,707	1 326,876	3,762	3,297
40	28	97 038	18 361,037	342 543,041	18,656	18,191	90	78	11 627	274,542	974,170	3,548	3,083
41	29	96 880	17 583,924	324 182,004	18,436	17,971	91	79	9 331	211,356	699,628	3,310	2,845
42	30	96 709	16 837,348	306 598,080	18,209	17,744	92	80	7 237	157,231	488,272	3,105	2,640
43	31	96 527	16 120,463	289 760,732	17,975	17,509	93	81	5 419	112,936	331,042	2,931	2,466
44	32	96 310	15 428,505	273 640,269	17,736	17,271	94	82	3 944	78,855	218,105	2,766	2,301
45	33	96 072	14 762,915	258 211,764	17,491	17,025	95	83	2 779	53,296	139,250	2,613	2,148
46	34	95 805	14 121,823	243 448,849	17,239	16,774	96	84	1 891	34,792	85,955	2,471	2,005
47	35	95 503	13 503,319	229 327,025	16,983	16,518	97	85	1 240	21,884	51,163	2,338	1,873
48	36	95 167	12 907,255	215 823,706	16,721	16,256	98	86	781	13,211	29,278	2,216	1,751
49	37	94 786	12 331,584	202 916,452	16,455	15,990	99	87	471	7,643	16,067	2,102	1,637
							100	88	270	4,199	8,424	2,006	1,541

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	11 782,780	191 145,691	16,222	15,757
1							51	38	93 964	11 248,216	179 362,912	15,946	15,481
2							52	39	93 458	10 731,523	168 114,696	15,666	15,200
3							53	40	92 901	10 232,684	157 383,172	15,380	14,915
4							54	41	92 302	9 752,253	147 150,488	15,089	14,624
5							55	42	91 635	9 287,009	137 398,236	14,795	14,329
6							56	43	90 916	8 838,579	128 111,227	14,495	14,029
7							57	44	90 144	8 406,215	119 272,648	14,189	13,723
8							58	45	89 325	7 990,248	110 866,434	13,875	13,410
9							59	46	88 415	7 586,458	102 876,186	13,561	13,095
10							60	47	87 431	7 196,159	95 289,728	13,242	12,777
11							61	48	86 354	6 817,747	88 093,569	12,921	12,456
12							62	49	85 225	6 454,302	81 275,822	12,593	12,127
13	0	99 431	57 880,674	1 292 820,795	22,336	21,871	63	50	84 001	6 102,269	74 821,520	12,261	11,796
14	1	99 104	55 338,539	1 234 940,121	22,316	21,851	64	51	82 704	5 763,121	68 719,250	11,924	11,459
15	2	99 060	53 058,687	1 179 601,582	22,232	21,767	65	52	81 312	5 435,148	62 956,129	11,583	11,118
16	3	99 024	50 877,253	1 126 542,895	22,142	21,677	66	53	79 823	5 118,090	57 520,981	11,239	10,774
17	4	98 980	48 781,654	1 075 665,642	22,051	21,585	67	54	78 254	4 812,925	52 402,891	10,888	10,423
18	5	98 935	46 771,370	1 026 883,988	21,955	21,490	68	55	76 598	4 519,041	47 589,967	10,531	10,066
19	6	98 871	44 835,634	980 112,619	21,860	21,395	69	56	74 823	4 234,334	43 070,926	10,172	9,707
20	7	98 809	42 980,904	935 276,984	21,760	21,295	70	57	72 928	3 958,836	38 836,592	9,810	9,345
21	8	98 742	41 200,613	892 296,080	21,657	21,192	71	58	70 914	3 692,567	34 877,756	9,445	8,980
22	9	98 680	39 496,231	851 095,468	21,549	21,084	72	59	68 767	3 434,794	31 185,189	9,079	8,614
23	10	98 618	37 862,352	811 599,237	21,436	20,970	73	60	66 447	3 183,632	27 750,395	8,717	8,251
24	11	98 556	36 295,876	773 736,884	21,317	20,852	74	61	63 965	2 939,780	24 566,763	8,357	7,891
25	12	98 491	34 793,367	737 441,008	21,195	20,730	75	62	61 306	2 702,694	21 626,982	8,002	7,537
26	13	98 425	33 352,595	702 647,641	21,067	20,602	76	63	58 501	2 473,918	18 924,289	7,650	7,184
27	14	98 356	31 970,213	669 295,046	20,935	20,470	77	64	55 545	2 253,137	16 450,371	7,301	6,836
28	15	98 281	30 643,667	637 324,833	20,798	20,333	78	65	52 405	2 039,092	14 197,235	6,963	6,497
29	16	98 207	29 372,207	606 681,166	20,655	20,190	79	66	49 106	1 832,841	12 158,143	6,633	6,168
30	17	98 128	28 152,126	577 308,959	20,507	20,042	80	67	45 752	1 638,032	10 325,302	6,303	5,838
31	18	98 046	26 981,761	549 156,833	20,353	19,888	81	68	42 260	1 451,350	8 687,269	5,986	5,520
32	19	97 952	25 856,952	522 175,071	20,195	19,730	82	69	38 714	1 275,341	7 235,920	5,674	5,208
33	20	97 857	24 778,985	496 318,119	20,030	19,565	83	70	35 136	1 110,304	5 960,579	5,368	4,903
34	21	97 766	23 746,537	471 539,135	19,857	19,392	84	71	31 582	957,295	4 850,275	5,067	4,601
35	22	97 666	22 755,129	447 792,597	19,679	19,214	85	72	28 036	815,160	3 892,980	4,776	4,311
36	23	97 559	21 803,558	425 037,468	19,494	19,029	86	73	24 488	682,993	3 077,820	4,506	4,041
37	24	97 447	20 890,853	403 233,910	19,302	18,837	87	74	21 041	562,912	2 394,827	4,254	3,789
38	25	97 329	20 014,844	382 343,057	19,103	18,638	88	75	17 706	454,399	1 831,915	4,032	3,566
39	26	97 203	19 173,947	362 328,213	18,897	18,432	89	76	14 701	361,879	1 377,516	3,807	3,341
40	27	97 063	18 365,778	343 154,266	18,684	18,219	90	77	11 973	282,728	1 015,636	3,592	3,127
41	28	96 905	17 588,493	324 788,488	18,466	18,001	91	78	9 652	218,627	732,908	3,352	2,887
42	29	96 736	16 842,019	307 199,995	18,240	17,775	92	79	7 519	163,365	514,282	3,148	2,683
43	30	96 553	16 124,888	290 357,976	18,007	17,542	93	80	5 665	118,057	350,916	2,972	2,507
44	31	96 341	15 433,536	274 233,088	17,769	17,303	94	81	4 150	82,961	232,860	2,807	2,342
45	32	96 105	14 768,030	258 799,551	17,524	17,059	95	82	2 947	56,509	149,898	2,653	2,187
46	33	95 840	14 126,934	244 031,521	17,274	16,809	96	83	2 023	37,209	93,389	2,510	2,045
47	34	95 541	13 508,801	229 904,586	17,019	16,554	97	84	1 339	23,633	56,180	2,377	1,912
48	35	95 207	12 912,757	216 395,785	16,758	16,293	98	85	853	14,443	32,547	2,253	1,788
49	36	94 831	12 337,337	203 483,028	16,493	16,028	99	86	521	8,460	18,104	2,140	1,675
							100	87	305	4,743	9,644	2,033	1,568

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	11 788,277	191 658,257	16,258	15,793
1							51	37	94 014	11 254,143	179 869,981	15,983	15,517
2							52	38	93 513	10 737,854	168 615,837	15,703	15,238
3							53	39	92 966	10 239,885	157 877,983	15,418	14,953
4							54	40	92 368	9 759,209	147 638,098	15,128	14,663
5							55	41	91 711	9 294,733	137 878,889	14,834	14,369
6							56	42	91 002	8 846,947	128 584,156	14,534	14,069
7							57	43	90 239	8 415,097	119 737,209	14,229	13,764
8							58	44	89 426	7 999,294	111 322,112	13,916	13,451
9							59	45	88 535	7 596,733	103 322,818	13,601	13,136
10							60	46	87 567	7 207,337	95 726,085	13,282	12,817
11							61	47	86 504	6 829,599	88 518,748	12,961	12,496
12							62	48	85 383	6 466,284	81 689,149	12,633	12,168
13							63	49	84 177	6 115,063	75 222,865	12,301	11,836
14	0	99 422	55 516,169	1 235 797,582	22,260	21,795	64	50	82 898	5 776,618	69 107,803	11,963	11,498
15	1	99 088	53 073,777	1 180 281,413	22,239	21,773	65	51	81 515	5 448,719	63 331,184	11,623	11,158
16	2	99 040	50 885,457	1 127 207,636	22,152	21,687	66	52	80 045	5 132,311	57 882,465	11,278	10,813
17	3	98 995	48 788,649	1 076 322,179	22,061	21,596	67	53	78 492	4 827,597	52 750,155	10,927	10,462
18	4	98 947	46 776,976	1 027 533,530	21,967	21,501	68	54	76 843	4 533,485	47 922,558	10,571	10,106
19	5	98 880	44 839,691	980 756,554	21,873	21,407	69	55	75 093	4 249,622	43 389,073	10,210	9,745
20	6	98 817	42 984,350	935 916,863	21,773	21,308	70	56	73 205	3 973,909	39 139,451	9,849	9,384
21	7	98 750	41 204,055	892 932,513	21,671	21,206	71	57	71 207	3 707,867	35 165,542	9,484	9,019
22	8	98 686	39 498,685	851 728,458	21,563	21,098	72	58	69 082	3 450,527	31 457,675	9,117	8,652
23	9	98 624	37 864,756	812 229,774	21,451	20,986	73	59	66 766	3 198,918	28 007,148	8,755	8,290
24	10	98 564	36 298,801	774 365,017	21,333	20,868	74	60	64 317	2 955,943	24 808,230	8,393	7,927
25	11	98 499	34 796,130	738 066,217	21,211	20,746	75	61	61 656	2 718,148	21 852,287	8,039	7,574
26	12	98 433	33 355,152	703 270,087	21,084	20,619	76	62	58 871	2 489,539	19 134,140	7,686	7,221
27	13	98 365	31 973,358	669 914,935	20,952	20,487	77	63	55 918	2 268,263	16 644,601	7,338	6,873
28	14	98 293	30 647,461	637 941,576	20,815	20,350	78	64	52 784	2 053,871	14 376,338	7,000	6,534
29	15	98 220	29 376,189	607 294,115	20,673	20,208	79	65	49 489	1 847,143	12 322,467	6,671	6,206
30	16	98 144	28 156,653	577 917,926	20,525	20,060	80	66	46 131	1 651,608	10 475,325	6,342	5,877
31	17	98 063	26 986,499	549 761,273	20,372	19,906	81	67	42 645	1 464,559	8 823,716	6,025	5,560
32	18	97 973	25 862,601	522 774,775	20,214	19,748	82	68	39 097	1 287,957	7 359,157	5,714	5,249
33	19	97 878	24 784,315	496 912,173	20,049	19,584	83	69	35 526	1 122,616	6 071,200	5,408	4,943
34	20	97 786	23 751,548	472 127,859	19,878	19,413	84	70	31 964	968,871	4 948,584	5,108	4,642
35	21	97 687	22 760,049	448 376,310	19,700	19,235	85	71	28 415	826,184	3 979,713	4,817	4,352
36	22	97 581	21 808,570	425 616,262	19,516	19,051	86	72	24 873	693,729	3 153,529	4,546	4,081
37	23	97 470	20 895,606	403 807,692	19,325	18,860	87	73	21 412	572,842	2 459,800	4,294	3,829
38	24	97 351	20 019,396	382 912,086	19,127	18,662	88	74	18 055	463,353	1 886,958	4,072	3,607
39	25	97 224	19 178,221	362 892,690	18,922	18,457	89	75	15 036	370,126	1 423,605	3,846	3,381
40	26	97 089	18 370,685	343 714,469	18,710	18,245	90	76	12 285	290,081	1 053,479	3,632	3,166
41	27	96 930	17 593,034	325 343,784	18,493	18,028	91	77	9 940	225,146	763,398	3,391	2,925
42	28	96 761	16 846,395	307 750,750	18,268	17,803	92	78	7 778	168,986	538,252	3,185	2,720
43	29	96 580	16 129,362	290 904,355	18,036	17,570	93	79	5 886	122,663	369,267	3,010	2,545
44	30	96 368	15 437,773	274 774,993	17,799	17,334	94	80	4 338	86,723	246,604	2,844	2,378
45	31	96 136	14 772,847	259 337,220	17,555	17,090	95	81	3 100	59,452	159,881	2,689	2,224
46	32	95 873	14 131,829	244 564,373	17,306	16,841	96	82	2 145	39,453	100,429	2,546	2,080
47	33	95 576	13 513,691	230 432,544	17,052	16,587	97	83	1 432	25,275	60,977	2,413	1,947
48	34	95 246	12 918,000	216 918,854	16,792	16,327	98	84	922	15,597	35,702	2,289	1,824
49	35	94 871	12 342,596	204 000,854	16,528	16,063	99	85	570	9,249	20,105	2,174	1,708
							100	86	337	5,250	10,855	2,068	1,602



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	11 793,302	192 126,695	16,291	15,826
1							51	36	94 058	11 259,394	180 333,393	16,016	15,551
2							52	37	93 562	10 743,513	169 073,999	15,737	15,272
3							53	38	93 021	10 245,926	158 330,486	15,453	14,988
4							54	39	92 433	9 766,077	148 084,560	15,163	14,698
5							55	40	91 776	9 301,363	138 318,483	14,871	14,406
6							56	41	91 078	8 854,305	129 017,121	14,571	14,106
7							57	42	90 325	8 423,065	120 162,816	14,266	13,801
8							58	43	89 520	8 007,746	111 739,751	13,954	13,489
9							59	44	88 635	7 605,333	103 732,004	13,639	13,174
10							60	45	87 685	7 217,098	96 126,671	13,319	12,854
11							61	46	86 638	6 840,208	88 909,573	12,998	12,533
12							62	47	85 531	6 477,525	82 069,365	12,670	12,205
13							63	48	84 333	6 126,415	75 591,840	12,339	11,873
14							64	49	83 071	5 788,729	69 465,425	12,000	11,535
15	0	99 406	53 244,138	1 181 075,448	22,182	21,717	65	50	81 706	5 461,480	63 676,696	11,659	11,194
16	1	99 068	50 899,929	1 127 831,310	22,158	21,693	66	51	80 245	5 145,126	58 215,217	11,315	10,849
17	2	99 011	48 796,516	1 076 931,381	22,070	21,605	67	52	78 710	4 841,010	53 070,091	10,963	10,497
18	3	98 961	46 783,684	1 028 134,865	21,976	21,511	68	53	77 077	4 547,305	48 229,080	10,606	10,141
19	4	98 892	44 845,065	981 351,181	21,883	21,418	69	54	75 333	4 263,205	43 681,775	10,246	9,781
20	5	98 826	42 988,239	936 506,116	21,785	21,320	70	55	73 470	3 988,256	39 418,570	9,884	9,418
21	6	98 758	41 207,359	893 517,877	21,683	21,218	71	56	71 478	3 721,984	35 430,313	9,519	9,054
22	7	98 694	39 501,985	852 310,518	21,576	21,111	72	57	69 368	3 464,824	31 708,329	9,151	8,686
23	8	98 631	37 867,108	812 808,534	21,465	21,000	73	58	67 072	3 213,570	28 243,505	8,789	8,324
24	9	98 570	36 301,105	774 941,425	21,348	20,882	74	59	64 626	2 970,135	25 029,935	8,427	7,962
25	10	98 507	34 798,934	738 640,320	21,226	20,761	75	60	61 995	2 733,092	22 059,799	8,071	7,606
26	11	98 441	33 357,801	703 841,386	21,100	20,635	76	61	59 207	2 503,774	19 326,708	7,719	7,254
27	12	98 373	31 975,809	670 483,585	20,968	20,503	77	62	56 271	2 282,585	16 822,934	7,370	6,905
28	13	98 303	30 650,476	638 507,776	20,832	20,367	78	63	53 139	2 067,659	14 540,348	7,032	6,567
29	14	98 232	29 379,826	607 857,300	20,690	20,224	79	64	49 848	1 860,531	12 472,689	6,704	6,239
30	15	98 157	28 160,470	578 477,473	20,542	20,077	80	65	46 491	1 664,495	10 612,158	6,376	5,910
31	16	98 079	26 990,838	550 317,003	20,389	19,924	81	66	42 998	1 476,698	8 947,663	6,059	5,594
32	17	97 990	25 867,142	523 326,165	20,231	19,766	82	67	39 452	1 299,679	7 470,965	5,748	5,283
33	18	97 900	24 789,730	497 459,023	20,067	19,602	83	68	35 877	1 133,721	6 171,286	5,443	4,978
34	19	97 807	23 756,657	472 669,294	19,896	19,431	84	69	32 318	979,615	5 037,565	5,142	4,677
35	20	97 707	22 764,852	448 912,636	19,720	19,254	85	70	28 758	836,175	4 057,950	4,853	4,388
36	21	97 602	21 813,285	426 147,784	19,536	19,071	86	71	25 210	703,110	3 221,775	4,582	4,117
37	22	97 492	20 900,409	404 334,500	19,346	18,881	87	72	21 748	581,846	2 518,665	4,329	3,864
38	23	97 373	20 023,950	383 434,091	19,149	18,684	88	73	18 374	471,527	1 936,818	4,108	3,642
39	24	97 246	19 182,582	363 410,141	18,945	18,480	89	74	15 332	377,420	1 465,291	3,882	3,417
40	25	97 110	18 374,780	344 227,559	18,734	18,268	90	75	12 565	296,692	1 087,871	3,667	3,201
41	26	96 956	17 597,735	325 852,778	18,517	18,052	91	76	10 198	231,001	791,180	3,425	2,960
42	27	96 786	16 850,745	308 255,043	18,293	17,828	92	77	8 010	174,024	560,179	3,219	2,754
43	28	96 605	16 133,552	291 404,298	18,062	17,597	93	78	6 088	126,883	386,155	3,043	2,578
44	29	96 394	15 442,056	275 270,746	17,826	17,361	94	79	4 507	90,106	259,272	2,877	2,412
45	30	96 163	14 776,902	259 828,690	17,583	17,118	95	80	3 241	62,148	169,166	2,722	2,257
46	31	95 904	14 136,438	245 051,788	17,335	16,870	96	81	2 256	41,507	107,018	2,578	2,113
47	32	95 609	13 518,373	230 915,350	17,082	16,616	97	82	1 519	26,799	65,511	2,445	1,979
48	33	95 280	12 922,675	217 396,978	16,823	16,358	98	83	986	16,681	38,713	2,321	1,856
49	34	94 910	12 347,607	204 474,303	16,560	16,095	99	84	615	9,988	22,032	2,206	1,741
							100	85	369	5,740	12,043	2,098	1,633

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	11 798,090	192 554,981	16,321	15,856
1							51	35	94 098	11 264,194	180 756,891	16,047	15,582
2							52	36	93 606	10 748,525	169 492,697	15,769	15,304
3							53	37	93 070	10 251,325	158 744,172	15,485	15,020
4							54	38	92 488	9 771,838	148 492,846	15,196	14,731
5							55	39	91 841	9 307,909	138 721,008	14,904	14,438
6							56	40	91 143	8 860,621	129 413,100	14,605	14,140
7							57	41	90 400	8 430,070	120 552,479	14,300	13,835
8							58	42	89 605	8 015,328	112 122,409	13,988	13,523
9							59	43	88 729	7 613,370	104 107,080	13,674	13,209
10							60	44	87 784	7 225,269	96 493,711	13,355	12,890
11							61	45	86 755	6 849,472	89 268,442	13,033	12,568
12							62	46	85 664	6 487,587	82 418,970	12,704	12,239
13							63	47	84 480	6 137,065	75 931,383	12,373	11,907
14							64	48	83 226	5 799,475	69 794,318	12,035	11,569
15							65	49	81 877	5 472,930	63 994,843	11,693	11,228
16	0	99 386	51 063,312	1 128 566,925	22,101	21,636	66	50	80 433	5 157,175	58 521,913	11,348	10,882
17	1	99 039	48 810,394	1 077 503,613	22,075	21,610	67	51	78 907	4 853,098	53 364,738	10,996	10,531
18	2	98 977	46 791,228	1 028 693,219	21,985	21,520	68	52	77 291	4 559,940	48 511,639	10,639	10,173
19	3	98 906	44 851,496	981 901,991	21,892	21,427	69	53	75 563	4 276,202	43 951,699	10,278	9,813
20	4	98 838	42 993,391	937 050,495	21,795	21,330	70	54	73 704	4 001,004	39 675,498	9,916	9,451
21	5	98 767	41 211,087	894 057,103	21,695	21,229	71	55	71 737	3 735,422	35 674,494	9,550	9,085
22	6	98 702	39 505,152	852 846,017	21,588	21,123	72	56	69 632	3 478,016	31 939,071	9,183	8,718
23	7	98 639	37 870,272	813 340,865	21,477	21,012	73	57	67 350	3 226,885	28 461,056	8,820	8,355
24	8	98 576	36 303,360	775 470,592	21,361	20,896	74	58	64 922	2 983,740	25 234,170	8,457	7,992
25	9	98 513	34 801,143	739 167,232	21,240	20,775	75	59	62 293	2 746,214	22 250,430	8,102	7,637
26	10	98 449	33 360,489	704 366,090	21,114	20,649	76	60	59 533	2 517,540	19 504,216	7,747	7,282
27	11	98 381	31 978,349	671 005,601	20,983	20,518	77	61	56 593	2 295,637	16 986,676	7,400	6,934
28	12	98 311	30 652,826	639 027,252	20,847	20,382	78	62	53 474	2 080,715	14 691,039	7,061	6,595
29	13	98 242	29 382,717	608 374,426	20,705	20,240	79	63	50 182	1 873,021	12 610,324	6,733	6,267
30	14	98 169	28 163,957	578 991,709	20,558	20,093	80	64	46 828	1 676,560	10 737,302	6,404	5,939
31	15	98 092	26 994,497	550 827,752	20,405	19,940	81	65	43 334	1 488,220	9 060,743	6,088	5,623
32	16	98 006	25 871,301	523 833,255	20,248	19,782	82	66	39 779	1 310,451	7 572,523	5,779	5,313
33	17	97 917	24 794,082	497 961,954	20,084	19,619	83	67	36 204	1 144,040	6 262,072	5,474	5,008
34	18	97 829	23 761,848	473 167,872	19,913	19,448	84	68	32 638	989,305	5 118,032	5,173	4,708
35	19	97 728	22 769,748	449 406,024	19,737	19,272	85	69	29 077	845,448	4 128,726	4,883	4,418
36	20	97 623	21 817,888	426 636,276	19,554	19,089	86	70	25 514	711,613	3 283,279	4,614	4,149
37	21	97 513	20 904,927	404 818,387	19,365	18,900	87	71	22 042	589,715	2 571,666	4,361	3,896
38	22	97 396	20 028,553	383 913,460	19,168	18,703	88	72	18 663	478,939	1 981,951	4,138	3,673
39	23	97 269	19 186,946	363 884,908	18,965	18,500	89	73	15 602	384,078	1 503,012	3,913	3,448
40	24	97 132	18 378,959	344 697,961	18,755	18,290	90	74	12 812	302,538	1 118,935	3,698	3,233
41	25	96 978	17 601,658	326 319,003	18,539	18,074	91	75	10 431	236,265	816,397	3,455	2,990
42	26	96 812	16 855,248	308 717,345	18,316	17,851	92	76	8 218	178,550	580,132	3,249	2,784
43	27	96 630	16 137,718	291 862,097	18,086	17,620	93	77	6 270	130,666	401,582	3,073	2,608
44	28	96 419	15 446,068	275 724,379	17,851	17,386	94	78	4 662	93,206	270,916	2,907	2,441
45	29	96 189	14 781,002	260 278,311	17,609	17,144	95	79	3 367	64,572	177,710	2,752	2,287
46	30	95 931	14 140,318	245 497,309	17,362	16,896	96	80	2 359	43,389	113,137	2,608	2,142
47	31	95 640	13 522,781	231 356,991	17,109	16,643	97	81	1 598	28,194	69,748	2,474	2,009
48	32	95 313	12 927,152	217 834,210	16,851	16,386	98	82	1 045	17,687	41,554	2,349	1,884
49	33	94 944	12 352,076	204 907,057	16,589	16,124	99	83	658	10,682	23,868	2,234	1,769
							100	84	398	6,198	13,185	2,127	1,662

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	11 802,360	192 946,440	16,348	15,883
1							51	34	94 136	11 268,767	181 144,080	16,075	15,610
2							52	35	93 646	10 753,107	169 875,312	15,798	15,333
3							53	36	93 114	10 256,108	159 122,205	15,515	15,050
4							54	37	92 536	9 776,988	148 866,097	15,226	14,761
5							55	38	91 895	9 313,400	139 089,109	14,934	14,469
6							56	39	91 207	8 866,857	129 775,710	14,636	14,171
7							57	40	90 464	8 436,083	120 908,853	14,332	13,867
8							58	41	89 680	8 021,995	112 472,770	14,021	13,555
9							59	42	88 813	7 620,578	104 450,776	13,706	13,241
10							60	43	87 877	7 232,904	96 830,198	13,387	12,922
11							61	44	86 854	6 857,227	89 597,294	13,066	12,601
12							62	45	85 780	6 496,374	82 740,067	12,736	12,271
13							63	46	84 611	6 146,598	76 243,694	12,404	11,939
14							64	47	83 370	5 809,557	70 097,096	12,066	11,601
15							65	48	82 029	5 483,089	64 287,539	11,725	11,259
16							66	49	80 601	5 167,987	58 804,450	11,379	10,913
17	0	99 357	48 967,070	1 078 185,391	22,019	21,553	67	50	79 092	4 864,464	53 636,462	11,026	10,561
18	1	99 005	46 804,536	1 029 218,321	21,990	21,524	68	51	77 484	4 571,326	48 771,998	10,669	10,204
19	2	98 922	44 858,728	982 413,785	21,900	21,435	69	52	75 772	4 288,083	44 200,672	10,308	9,843
20	3	98 852	42 999,557	937 555,057	21,804	21,339	70	53	73 929	4 013,201	39 912,589	9,945	9,480
21	4	98 779	41 216,026	894 555,500	21,704	21,239	71	54	71 966	3 747,362	35 899,388	9,580	9,115
22	5	98 711	39 508,726	853 339,474	21,599	21,134	72	55	69 883	3 490,573	32 152,026	9,211	8,746
23	6	98 647	37 873,309	813 830,748	21,488	21,023	73	56	67 606	3 239,171	28 661,453	8,848	8,383
24	7	98 584	36 306,393	775 957,439	21,372	20,907	74	57	65 191	2 996,103	25 422,281	8,485	8,020
25	8	98 519	34 803,305	739 651,046	21,252	20,787	75	58	62 578	2 758,793	22 426,178	8,129	7,664
26	9	98 455	33 362,607	704 847,741	21,127	20,662	76	59	59 819	2 529,627	19 667,385	7,775	7,310
27	10	98 389	31 980,925	671 485,134	20,996	20,531	77	60	56 904	2 308,259	17 137,758	7,425	6,959
28	11	98 318	30 655,261	639 504,209	20,861	20,396	78	61	53 780	2 092,613	14 829,500	7,087	6,621
29	12	98 250	29 384,969	608 848,948	20,720	20,255	79	62	50 499	1 884,848	12 736,887	6,758	6,292
30	13	98 179	28 166,728	579 463,979	20,573	20,107	80	63	47 142	1 687,815	10 852,038	6,430	5,964
31	14	98 104	26 997,839	551 297,252	20,420	19,955	81	64	43 648	1 499,007	9 164,223	6,114	5,648
32	15	98 019	25 874,809	524 299,412	20,263	19,798	82	65	40 090	1 320,676	7 665,217	5,804	5,339
33	16	97 933	24 798,069	498 424,604	20,099	19,634	83	66	36 504	1 153,522	6 344,541	5,500	5,035
34	17	97 846	23 766,020	473 626,535	19,929	19,464	84	67	32 935	998,310	5 191,019	5,200	4,735
35	18	97 750	22 774,723	449 860,515	19,753	19,287	85	68	29 365	853,811	4 192,709	4,911	4,445
36	19	97 644	21 822,581	427 085,792	19,571	19,106	86	69	25 797	719,504	3 338,898	4,641	4,175
37	20	97 534	20 909,339	405 263,211	19,382	18,917	87	70	22 309	596,846	2 619,395	4,389	3,924
38	21	97 417	20 032,883	384 353,872	19,186	18,721	88	71	18 915	485,416	2 022,548	4,167	3,701
39	22	97 291	19 191,356	364 320,989	18,984	18,518	89	72	15 848	390,115	1 537,133	3,940	3,475
40	23	97 154	18 383,140	345 129,633	18,774	18,309	90	73	13 038	307,875	1 147,018	3,726	3,260
41	24	97 000	17 605,661	326 746,493	18,559	18,094	91	74	10 636	240,921	839,143	3,483	3,018
42	25	96 834	16 859,005	309 140,832	18,337	17,872	92	75	8 405	182,619	598,222	3,276	2,811
43	26	96 656	16 142,031	292 281,828	18,107	17,642	93	76	6 433	134,064	415,603	3,100	2,635
44	27	96 444	15 450,056	276 139,797	17,873	17,408	94	77	4 801	95,985	281,539	2,933	2,468
45	28	96 214	14 784,842	260 689,741	17,632	17,167	95	78	3 483	66,794	185,554	2,778	2,313
46	29	95 957	14 144,241	245 904,899	17,386	16,920	96	79	2 451	45,082	118,760	2,634	2,169
47	30	95 667	13 526,494	231 760,658	17,134	16,669	97	80	1 670	29,472	73,678	2,500	2,035
48	31	95 344	12 931,368	218 234,164	16,876	16,411	98	81	1 099	18,608	44,206	2,376	1,910
49	32	94 977	12 356,356	205 302,796	16,615	16,150	99	82	698	11,326	25,598	2,260	1,795
							100	83	426	6,629	14,272	2,153	1,688

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	11 806,449	193 304,403	16,373	15,908
1							51	33	94 170	11 272,846	181 497,953	16,100	15,635
2							52	34	93 684	10 757,473	170 225,108	15,824	15,359
3							53	35	93 153	10 260,480	159 467,634	15,542	15,077
4							54	36	92 580	9 781,549	149 207,154	15,254	14,789
5							55	37	91 943	9 318,307	139 425,605	14,963	14,497
6							56	38	91 261	8 872,087	130 107,298	14,665	14,200
7							57	39	90 528	8 442,020	121 235,210	14,361	13,896
8							58	40	89 744	8 027,717	112 793,190	14,050	13,585
9							59	41	88 887	7 626,916	104 765,474	13,736	13,271
10							60	42	87 960	7 239,752	97 138,558	13,417	12,952
11							61	43	86 945	6 864,472	89 898,806	13,096	12,631
12							62	44	85 877	6 503,728	83 034,333	12,767	12,302
13							63	45	84 726	6 154,923	76 530,605	12,434	11,969
14							64	46	83 500	5 818,581	70 375,682	12,095	11,630
15							65	47	82 172	5 492,621	64 557,101	11,753	11,288
16							66	48	80 751	5 177,581	59 064,480	11,408	10,943
17							67	49	79 258	4 874,662	53 886,899	11,054	10,589
18	0	99 323	46 954,773	1 029 850,469	21,933	21,468	68	50	77 666	4 582,032	49 012,236	10,697	10,231
19	1	98 950	44 871,487	982 895,696	21,905	21,439	69	51	75 962	4 298,790	44 430,204	10,336	9,870
20	2	98 868	43 006,490	938 024,210	21,811	21,346	70	52	74 135	4 024,352	40 131,414	9,972	9,507
21	3	98 793	41 221,937	895 017,719	21,712	21,247	71	53	72 185	3 758,786	36 107,062	9,606	9,141
22	4	98 723	39 513,462	853 795,782	21,608	21,143	72	54	70 107	3 501,730	32 348,276	9,238	8,773
23	5	98 656	37 876,735	814 282,321	21,498	21,033	73	55	67 850	3 250,866	28 846,546	8,873	8,408
24	6	98 592	36 309,304	776 405,586	21,383	20,918	74	56	65 439	3 007,510	25 595,680	8,511	8,045
25	7	98 528	34 806,212	740 096,282	21,263	20,798	75	57	62 838	2 770,224	22 588,170	8,154	7,689
26	8	98 461	33 364,679	705 290,069	21,139	20,674	76	58	60 093	2 541,214	19 817,946	7,799	7,333
27	9	98 395	31 982,956	671 925,390	21,009	20,544	77	59	57 177	2 319,341	17 276,732	7,449	6,984
28	10	98 326	30 657,730	639 942,434	20,874	20,409	78	60	54 076	2 104,118	14 957,391	7,109	6,643
29	11	98 257	29 387,303	609 284,704	20,733	20,268	79	61	50 788	1 895,626	12 853,273	6,780	6,315
30	12	98 186	28 168,887	579 897,400	20,586	20,121	80	62	47 440	1 698,473	10 957,647	6,451	5,986
31	13	98 114	27 000,495	551 728,514	20,434	19,969	81	63	43 941	1 509,070	9 259,174	6,136	5,670
32	14	98 031	25 878,012	524 728,018	20,277	19,812	82	64	40 380	1 330,248	7 750,104	5,826	5,361
33	15	97 946	24 801,431	498 850,006	20,114	19,649	83	65	36 789	1 162,522	6 419,856	5,522	5,057
34	16	97 862	23 769,841	474 048,575	19,943	19,478	84	66	33 208	1 006,584	5 257,334	5,223	4,758
35	17	97 767	22 778,722	450 278,734	19,768	19,302	85	67	29 632	861,582	4 250,750	4,934	4,468
36	18	97 665	21 827,349	427 500,012	19,586	19,120	86	68	26 053	726,621	3 389,168	4,664	4,199
37	19	97 555	20 913,836	405 672,663	19,397	18,932	87	69	22 556	603,465	2 662,547	4,412	3,947
38	20	97 437	20 037,110	384 758,827	19,202	18,737	88	70	19 144	491,286	2 059,082	4,191	3,726
39	21	97 312	19 195,505	364 721,717	19,000	18,535	89	71	16 062	395,390	1 567,796	3,965	3,500
40	22	97 177	18 387,365	345 526,211	18,792	18,326	90	72	13 243	312,714	1 172,406	3,749	3,284
41	23	97 022	17 609,666	327 138,846	18,577	18,112	91	73	10 824	245,171	859,691	3,506	3,041
42	24	96 856	16 862,838	309 529,180	18,356	17,890	92	74	8 571	186,218	614,521	3,300	2,835
43	25	96 678	16 145,628	292 666,341	18,127	17,661	93	75	6 579	137,119	428,303	3,124	2,658
44	26	96 470	15 454,185	276 520,713	17,893	17,428	94	76	4 926	98,482	291,184	2,957	2,492
45	27	96 239	14 788,659	261 066,528	17,653	17,188	95	77	3 587	68,785	192,702	2,801	2,336
46	28	95 982	14 147,916	246 277,869	17,407	16,942	96	78	2 535	46,633	123,917	2,657	2,192
47	29	95 693	13 530,246	232 129,953	17,156	16,691	97	79	1 735	30,622	77,284	2,524	2,059
48	30	95 371	12 934,918	218 599,706	16,900	16,435	98	80	1 149	19,451	46,662	2,399	1,934
49	31	95 008	12 360,386	205 664,788	16,639	16,174	99	81	734	11,916	27,210	2,283	1,818
							100	82	451	7,029	15,294	2,176	1,711

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	11 810,300	193 631,822	16,395	15,930
1							51	32	94 203	11 276,751	181 821,522	16,124	15,658
2							52	33	93 718	10 761,366	170 544,770	15,848	15,383
3							53	34	93 191	10 264,646	159 783,404	15,566	15,101
4							54	35	92 619	9 785,719	149 518,758	15,279	14,814
5							55	36	91 986	9 322,655	139 733,039	14,989	14,523
6							56	37	91 309	8 876,763	130 410,384	14,691	14,226
7							57	38	90 581	8 447,000	121 533,621	14,388	13,923
8							58	39	89 807	8 033,366	113 086,621	14,077	13,612
9							59	40	88 950	7 632,356	105 053,255	13,764	13,299
10							60	41	88 034	7 245,773	97 420,899	13,445	12,980
11							61	42	87 028	6 870,972	90 175,125	13,124	12,659
12							62	43	85 968	6 510,600	83 304,154	12,795	12,330
13							63	44	84 822	6 161,891	76 793,553	12,463	11,997
14							64	45	83 613	5 826,462	70 631,662	12,123	11,657
15							65	46	82 300	5 501,153	64 805,201	11,780	11,315
16							66	47	80 891	5 186,582	59 304,047	11,434	10,969
17							67	48	79 405	4 883,712	54 117,465	11,081	10,616
18							68	49	77 829	4 591,638	49 233,754	10,722	10,257
19	0	99 268	45 015,519	983 482,045	21,848	21,382	69	50	76 140	4 308,858	44 642,116	10,361	9,895
20	1	98 896	43 018,722	938 466,526	21,815	21,350	70	51	74 320	4 034,401	40 333,258	9,997	9,532
21	2	98 809	41 228,584	895 447,804	21,719	21,254	71	52	72 386	3 769,230	36 298,857	9,630	9,165
22	3	98 737	39 519,128	854 219,221	21,615	21,150	72	53	70 320	3 512,405	32 529,627	9,261	8,796
23	4	98 667	37 881,275	814 700,093	21,507	21,041	73	54	68 067	3 261,257	29 017,223	8,898	8,432
24	5	98 601	36 312,589	776 818,818	21,393	20,927	74	55	65 675	3 018,369	25 755,965	8,533	8,068
25	6	98 536	34 809,003	740 506,228	21,273	20,808	75	56	63 077	2 780,771	22 737,596	8,177	7,712
26	7	98 469	33 367,467	705 697,225	21,149	20,684	76	57	60 342	2 551,743	19 956,825	7,821	7,356
27	8	98 401	31 984,943	672 329,758	21,020	20,555	77	58	57 439	2 329,965	17 405,082	7,470	7,005
28	9	98 333	30 659,677	640 344,816	20,886	20,420	78	59	54 335	2 114,220	15 075,117	7,130	6,665
29	10	98 265	29 389,671	609 685,139	20,745	20,280	79	60	51 067	1 906,048	12 960,897	6,800	6,335
30	11	98 194	28 171,124	580 295,468	20,599	20,134	80	61	47 711	1 708,184	11 054,849	6,472	6,006
31	12	98 121	27 002,565	552 124,344	20,447	19,982	81	62	44 219	1 518,599	9 346,664	6,155	5,690
32	13	98 041	25 880,558	525 121,779	20,290	19,825	82	63	40 651	1 339,179	7 828,066	5,845	5,380
33	14	97 958	24 804,502	499 241,221	20,127	19,662	83	64	37 055	1 170,948	6 488,887	5,542	5,076
34	15	97 875	23 773,064	474 436,719	19,957	19,492	84	65	33 467	1 014,438	5 317,938	5,242	4,777
35	16	97 783	22 782,384	450 663,655	19,781	19,316	85	66	29 878	868,723	4 303,501	4,954	4,489
36	17	97 682	21 831,181	427 881,271	19,600	19,134	86	67	26 290	733,235	3 434,778	4,684	4,219
37	18	97 576	20 918,406	406 050,090	19,411	18,946	87	68	22 780	609,434	2 701,543	4,433	3,968
38	19	97 458	20 041,420	385 131,684	19,217	18,752	88	69	19 356	496,734	2 092,109	4,212	3,747
39	20	97 332	19 199,556	365 090,264	19,016	18,550	89	70	16 256	400,172	1 595,375	3,987	3,522
40	21	97 198	18 391,341	345 890,707	18,807	18,342	90	71	13 422	316,943	1 195,203	3,771	3,306
41	22	97 044	17 613,714	327 499,367	18,593	18,128	91	72	10 994	249,025	878,260	3,527	3,062
42	23	96 878	16 866,675	309 885,653	18,373	17,907	92	73	8 722	189,503	629,235	3,320	2,855
43	24	96 700	16 149,300	293 018,978	18,144	17,679	93	74	6 709	139,821	439,733	3,145	2,680
44	25	96 492	15 457,630	276 869,678	17,912	17,446	94	75	5 038	100,726	299,912	2,978	2,512
45	26	96 265	14 792,611	261 412,049	17,672	17,207	95	76	3 680	70,574	199,186	2,822	2,357
46	27	96 007	14 151,569	246 619,438	17,427	16,962	96	77	2 611	48,023	128,611	2,678	2,213
47	28	95 718	13 533,761	232 467,869	17,177	16,712	97	78	1 795	31,676	80,588	2,544	2,079
48	29	95 397	12 938,507	218 934,107	16,921	16,456	98	79	1 194	20,210	48,912	2,420	1,955
49	30	95 034	12 363,779	205 995,600	16,661	16,196	99	80	767	12,456	28,702	2,304	1,839
							100	81	475	7,395	16,246	2,197	1,732

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	11 813,542	193 930,990	16,416	15,951
1							51	31	94 233	11 280,429	182 117,448	16,145	15,679
2							52	32	93 750	10 765,095	170 837,019	15,870	15,404
3							53	33	93 225	10 268,361	160 071,924	15,589	15,124
4							54	34	92 657	9 789,692	149 803,563	15,302	14,837
5							55	35	92 026	9 326,629	140 013,871	15,012	14,547
6							56	36	91 352	8 880,904	130 687,241	14,716	14,250
7							57	37	90 629	8 451,452	121 806,337	14,412	13,947
8							58	38	89 860	8 038,105	113 354,886	14,102	13,637
9							59	39	89 013	7 637,728	105 316,780	13,789	13,324
10							60	40	88 096	7 250,942	97 679,053	13,471	13,006
11							61	41	87 100	6 876,686	90 428,111	13,150	12,685
12							62	42	86 049	6 516,765	83 551,425	12,821	12,356
13							63	43	84 911	6 168,402	77 034,660	12,489	12,023
14							64	44	83 707	5 833,058	70 866,258	12,149	11,684
15							65	45	82 411	5 508,604	65 033,200	11,806	11,341
16							66	46	81 017	5 194,638	59 524,596	11,459	10,994
17							67	47	79 543	4 892,202	54 329,958	11,105	10,640
18							68	48	77 973	4 600,162	49 437,756	10,747	10,282
19							69	49	76 299	4 317,891	44 837,594	10,384	9,919
20	0	99 213	43 156,807	939 010,612	21,758	21,293	70	50	74 494	4 043,849	40 519,703	10,020	9,555
21	1	98 837	41 240,310	895 853,805	21,723	21,258	71	51	72 567	3 778,641	36 475,854	9,653	9,188
22	2	98 753	39 525,500	854 613,495	21,622	21,157	72	52	70 516	3 522,164	32 697,213	9,283	8,818
23	3	98 682	37 886,707	815 087,995	21,514	21,049	73	53	68 275	3 271,199	29 175,048	8,919	8,454
24	4	98 613	36 316,942	777 201,288	21,401	20,935	74	54	65 885	3 028,017	25 903,849	8,555	8,090
25	5	98 545	34 812,152	740 884,346	21,282	20,817	75	55	63 305	2 790,811	22 875,833	8,197	7,732
26	6	98 477	33 370,142	706 072,194	21,159	20,694	76	56	60 571	2 561,459	20 085,022	7,841	7,376
27	7	98 409	31 987,615	672 702,051	21,030	20,565	77	57	57 677	2 339,619	17 523,563	7,490	7,025
28	8	98 339	30 661,581	640 714,437	20,896	20,431	78	58	54 584	2 123,905	15 183,944	7,149	6,684
29	9	98 272	29 391,537	610 052,855	20,756	20,291	79	59	51 312	1 915,199	13 060,040	6,819	6,354
30	10	98 202	28 173,394	580 661,318	20,610	20,145	80	60	47 973	1 717,576	11 144,840	6,489	6,023
31	11	98 129	27 004,710	552 487,925	20,459	19,994	81	61	44 471	1 527,282	9 427,264	6,173	5,707
32	12	98 049	25 882,542	525 483,215	20,303	19,837	82	62	40 908	1 347,635	7 899,982	5,862	5,397
33	13	97 968	24 806,942	499 600,673	20,140	19,674	83	63	37 304	1 178,809	6 552,347	5,558	5,093
34	14	97 887	23 776,007	474 793,731	19,969	19,504	84	64	33 709	1 021,791	5 373,538	5,259	4,794
35	15	97 796	22 785,473	451 017,724	19,794	19,329	85	65	30 111	875,501	4 351,747	4,971	4,505
36	16	97 698	21 834,692	428 232,251	19,612	19,147	86	66	26 508	739,312	3 476,246	4,702	4,237
37	17	97 593	20 922,078	406 397,559	19,424	18,959	87	67	22 987	614,981	2 736,934	4,450	3,985
38	18	97 480	20 045,799	385 475,481	19,230	18,765	88	68	19 548	501,647	2 121,953	4,230	3,765
39	19	97 353	19 203,686	365 429,682	19,029	18,564	89	69	16 436	404,609	1 620,306	4,005	3,539
40	20	97 218	18 395,222	346 225,995	18,822	18,356	90	70	13 585	320,776	1 215,696	3,790	3,325
41	21	97 065	17 617,521	327 830,774	18,608	18,143	91	71	11 143	252,392	894,920	3,546	3,081
42	22	96 900	16 870,552	310 213,252	18,388	17,923	92	72	8 859	192,481	642,528	3,338	2,873
43	23	96 722	16 152,974	293 342,701	18,160	17,695	93	73	6 827	142,288	450,047	3,163	2,698
44	24	96 514	15 461,145	277 189,726	17,928	17,463	94	74	5 138	102,711	307,759	2,996	2,531
45	25	96 286	14 795,908	261 728,582	17,689	17,224	95	75	3 764	72,183	205,048	2,841	2,375
46	26	96 033	14 155,351	246 932,673	17,444	16,979	96	76	2 679	49,272	132,866	2,697	2,231
47	27	95 743	13 537,256	232 777,323	17,195	16,730	97	77	1 849	32,620	83,594	2,563	2,097
48	28	95 422	12 941,868	219 240,067	16,940	16,475	98	78	1 235	20,905	50,973	2,438	1,973
49	29	95 060	12 367,209	206 298,198	16,681	16,216	99	79	797	12,942	30,068	2,323	1,858
							100	80	496	7,730	17,125	2,215	1,750

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	11 816,820	194 204,598	16,435	15,969
1							51	30	94 259	11 283,526	182 387,779	16,164	15,699
2							52	31	93 781	10 768,606	171 104,253	15,889	15,424
3							53	32	93 257	10 271,919	160 335,647	15,609	15,144
4							54	33	92 690	9 793,235	150 063,729	15,323	14,858
5							55	34	92 063	9 330,416	140 270,494	15,034	14,568
6							56	35	91 391	8 884,690	130 940,078	14,738	14,273
7							57	36	90 671	8 455,395	122 055,388	14,435	13,970
8							58	37	89 907	8 042,341	113 599,993	14,125	13,660
9							59	38	89 065	7 642,233	105 557,652	13,812	13,347
10							60	39	88 158	7 256,044	97 915,419	13,494	13,029
11							61	40	87 162	6 881,591	90 659,374	13,174	12,709
12							62	41	86 121	6 522,185	83 777,783	12,845	12,380
13							63	42	84 992	6 174,242	77 255,598	12,513	12,047
14							64	43	83 796	5 839,221	71 081,356	12,173	11,708
15							65	44	82 504	5 514,840	65 242,134	11,830	11,365
16							66	45	81 127	5 201,674	59 727,294	11,482	11,017
17							67	46	79 666	4 899,801	54 525,620	11,128	10,663
18							68	47	78 109	4 608,159	49 625,819	10,769	10,304
19							69	48	76 441	4 325,907	45 017,660	10,407	9,941
20							70	49	74 650	4 052,327	40 691,753	10,042	9,576
21	0	99 154	41 372,686	896 358,859	21,665	21,200	71	50	72 736	3 787,491	36 639,426	9,674	9,209
22	1	98 781	39 536,742	854 986,172	21,625	21,160	72	51	70 692	3 530,959	32 851,936	9,304	8,839
23	2	98 698	37 892,816	815 449,430	21,520	21,055	73	52	68 464	3 280,288	29 320,976	8,939	8,473
24	3	98 627	36 322,150	777 556,614	21,407	20,942	74	53	66 086	3 037,247	26 004,688	8,574	8,109
25	4	98 556	34 816,325	741 234,464	21,290	20,825	75	54	63 507	2 799,732	23 003,441	8,216	7,751
26	5	98 486	33 373,161	706 418,139	21,167	20,702	76	55	60 790	2 570,707	20 203,709	7,859	7,394
27	6	98 417	31 990,180	673 044,978	21,039	20,574	77	56	57 897	2 348,527	17 633,003	7,508	7,043
28	7	98 347	30 664,143	641 054,798	20,906	20,440	78	57	54 810	2 132,705	15 284,476	7,167	6,701
29	8	98 278	29 393,363	610 390,655	20,766	20,301	79	58	51 548	1 923,972	13 151,771	6,836	6,371
30	9	98 208	28 175,182	580 997,293	20,621	20,156	80	59	48 204	1 725,823	11 227,799	6,506	6,041
31	10	98 137	27 006,886	552 822,110	20,470	20,004	81	60	44 716	1 535,679	9 501,977	6,187	5,722
32	11	98 056	25 884,598	525 815,225	20,314	19,849	82	61	41 142	1 355,341	7 966,298	5,878	5,412
33	12	97 975	24 808,844	499 930,627	20,151	19,686	83	62	37 540	1 186,253	6 610,957	5,573	5,108
34	13	97 897	23 778,346	475 121,783	19,981	19,516	84	63	33 936	1 028,650	5 424,704	5,274	4,808
35	14	97 808	22 788,294	451 343,437	19,806	19,341	85	64	30 329	881,847	4 396,054	4,985	4,520
36	15	97 711	21 837,652	428 555,143	19,625	19,159	86	65	26 714	745,080	3 514,207	4,717	4,251
37	16	97 609	20 925,442	406 717,491	19,437	18,971	87	66	23 177	620,078	2 769,127	4,466	4,001
38	17	97 497	20 049,318	385 792,049	19,242	18,777	88	67	19 725	506,213	2 149,049	4,245	3,780
39	18	97 375	19 207,882	365 742,730	19,041	18,576	89	68	16 599	408,612	1 642,835	4,021	3,555
40	19	97 239	18 399,179	346 534,848	18,834	18,369	90	69	13 735	324,333	1 234,223	3,805	3,340
41	20	97 086	17 621,239	328 135,670	18,622	18,156	91	70	11 278	255,444	909,890	3,562	3,097
42	21	96 921	16 874,199	310 514,430	18,402	17,937	92	71	8 979	195,084	654,446	3,355	2,889
43	22	96 744	16 156,687	293 640,231	18,175	17,709	93	72	6 934	144,524	459,362	3,178	2,713
44	23	96 536	15 464,662	277 483,545	17,943	17,478	94	73	5 228	104,523	314,837	3,012	2,547
45	24	96 308	14 799,273	262 018,882	17,705	17,240	95	74	3 838	73,605	210,315	2,857	2,392
46	25	96 054	14 158,506	247 219,609	17,461	16,996	96	75	2 740	50,395	136,710	2,713	2,248
47	26	95 768	13 540,873	233 061,103	17,212	16,746	97	76	1 897	33,469	86,315	2,579	2,114
48	27	95 447	12 945,210	219 520,230	16,958	16,492	98	77	1 272	21,529	52,846	2,455	1,989
49	28	95 085	12 370,422	206 575,020	16,699	16,234	99	78	825	13,388	31,317	2,339	1,874
							100	79	516	8,031	17,930	2,232	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 4,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	11 819,890	194 454,849	16,451	15,986
1							51	29	94 285	11 286,656	182 634,960	16,181	15,716
2							52	30	93 807	10 771,562	171 348,303	15,907	15,442
3							53	31	93 288	10 275,269	160 576,742	15,627	15,162
4							54	32	92 722	9 796,628	150 301,473	15,342	14,877
5							55	33	92 096	9 333,793	140 504,845	15,053	14,588
6							56	34	91 428	8 888,297	131 171,052	14,758	14,293
7							57	35	90 710	8 458,999	122 282,755	14,456	13,991
8							58	36	89 949	8 046,093	113 823,756	14,146	13,681
9							59	37	89 112	7 646,260	105 777,662	13,834	13,369
10							60	38	88 210	7 260,325	98 131,402	13,516	13,051
11							61	39	87 224	6 886,434	90 871,077	13,196	12,730
12							62	40	86 182	6 526,837	83 984,643	12,868	12,402
13							63	41	85 062	6 179,377	77 457,806	12,535	12,070
14							64	42	83 875	5 844,750	71 278,428	12,195	11,730
15							65	43	82 592	5 520,668	65 433,678	11,852	11,387
16							66	44	81 218	5 207,563	59 913,010	11,505	11,040
17							67	45	79 774	4 906,437	54 705,447	11,150	10,685
18							68	46	78 230	4 615,317	49 799,010	10,790	10,325
19							69	47	76 574	4 333,427	45 183,693	10,427	9,962
20							70	48	74 788	4 059,850	40 850,266	10,062	9,597
21							71	49	72 889	3 795,431	36 790,417	9,693	9,228
22	0	99 098	39 663,650	855 455,166	21,568	21,103	72	50	70 857	3 539,228	32 994,986	9,323	8,857
23	1	98 726	37 903,594	815 791,516	21,523	21,058	73	51	68 635	3 288,479	29 455,757	8,957	8,492
24	2	98 643	36 328,006	777 887,923	21,413	20,948	74	52	66 270	3 045,686	26 167,278	8,592	8,126
25	3	98 570	34 821,318	741 559,916	21,296	20,831	75	53	63 701	2 808,266	23 121,592	8,233	7,768
26	4	98 498	33 377,161	706 738,598	21,174	20,709	76	54	60 984	2 578,924	20 313,325	7,877	7,411
27	5	98 426	31 993,074	673 361,437	21,047	20,582	77	55	58 106	2 357,006	17 734,402	7,524	7,059
28	6	98 355	30 666,602	641 368,363	20,914	20,449	78	56	55 019	2 140,825	15 377,396	7,183	6,718
29	7	98 286	29 395,818	610 701,761	20,775	20,310	79	57	51 761	1 931,944	13 236,571	6,851	6,386
30	8	98 215	28 176,933	581 305,943	20,631	20,165	80	58	48 425	1 733,728	11 304,627	6,520	6,055
31	9	98 143	27 008,600	553 129,010	20,480	20,015	81	59	44 931	1 543,052	9 570,900	6,203	5,737
32	10	98 064	25 886,683	526 120,410	20,324	19,859	82	60	41 368	1 362,792	8 027,847	5,891	5,426
33	11	97 983	24 810,814	500 233,727	20,162	19,697	83	61	37 754	1 193,036	6 665,055	5,587	5,121
34	12	97 904	23 780,169	475 422,913	19,992	19,527	84	62	34 150	1 035,146	5 472,019	5,286	4,821
35	13	97 818	22 790,536	451 642,744	19,817	19,352	85	63	30 533	887,767	4 436,874	4,998	4,533
36	14	97 723	21 840,356	428 852,208	19,636	19,171	86	64	26 908	750,481	3 549,107	4,729	4,264
37	15	97 622	20 928,280	407 011,852	19,448	18,983	87	65	23 358	624,917	2 798,626	4,478	4,013
38	16	97 512	20 052,542	386 083,572	19,254	18,788	88	66	19 889	510,409	2 173,709	4,259	3,794
39	17	97 392	19 211,254	366 031,030	19,053	18,588	89	67	16 750	412,331	1 663,301	4,034	3,569
40	18	97 260	18 403,199	346 819,776	18,846	18,380	90	68	13 871	327,541	1 250,970	3,819	3,354
41	19	97 107	17 625,030	328 416,578	18,634	18,168	91	69	11 403	258,277	923,428	3,575	3,110
42	20	96 941	16 877,760	310 791,548	18,414	17,949	92	70	9 087	197,444	665,151	3,369	2,904
43	21	96 765	16 160,180	293 913,788	18,188	17,722	93	71	7 028	146,479	467,708	3,193	2,728
44	22	96 558	15 468,217	277 753,608	17,956	17,491	94	72	5 310	106,166	321,229	3,026	2,561
45	23	96 330	14 802,640	262 285,391	17,719	17,254	95	73	3 906	74,903	215,063	2,871	2,406
46	24	96 076	14 161,726	247 482,751	17,475	17,010	96	74	2 794	51,388	140,160	2,727	2,262
47	25	95 790	13 543,892	233 321,026	17,227	16,762	97	75	1 940	34,231	88,772	2,593	2,128
48	26	95 472	12 948,669	219 777,134	16,973	16,508	98	76	1 305	22,089	54,541	2,469	2,004
49	27	95 109	12 373,616	206 828,465	16,715	16,250	99	77	849	13,787	32,452	2,354	1,889
							100	78	533	8,308	18,665	2,247	1,781



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	11 822,941	194 683,917	16,467	16,001
1							51	28	94 310	11 289,588	182 860,976	16,197	15,732
2							52	29	93 833	10 774,550	171 571,387	15,924	15,459
3							53	30	93 313	10 278,089	160 796,837	15,645	15,179
4							54	31	92 753	9 799,823	150 518,747	15,359	14,894
5							55	32	92 128	9 337,027	140 718,924	15,071	14,606
6							56	33	91 461	8 891,514	131 381,898	14,776	14,311
7							57	34	90 747	8 462,434	122 490,384	14,475	14,009
8							58	35	89 987	8 049,523	114 027,950	14,166	13,701
9							59	36	89 154	7 649,828	105 978,427	13,854	13,388
10							60	37	88 257	7 264,151	98 328,599	13,536	13,071
11							61	38	87 275	6 890,497	91 064,448	13,216	12,751
12							62	39	86 243	6 531,430	84 173,951	12,888	12,422
13							63	40	85 123	6 183,785	77 642,521	12,556	12,091
14							64	41	83 945	5 849,611	71 458,736	12,216	11,751
15							65	42	82 670	5 525,895	65 609,125	11,873	11,408
16							66	43	81 304	5 213,066	60 083,230	11,526	11,060
17							67	44	79 865	4 911,992	54 870,164	11,171	10,705
18							68	45	78 336	4 621,568	49 958,173	10,810	10,345
19							69	46	76 693	4 340,159	45 336,605	10,446	9,981
20							70	47	74 918	4 066,907	40 996,446	10,080	9,615
21							71	48	73 024	3 802,477	36 929,539	9,712	9,247
22							72	49	71 006	3 546,648	33 127,062	9,340	8,875
23	0	99 043	38 025,260	816 227,171	21,465	21,000	73	50	68 796	3 296,180	29 580,414	8,974	8,509
24	1	98 671	36 338,339	778 201,911	21,415	20,950	74	51	66 435	3 053,292	26 284,233	8,608	8,143
25	2	98 586	34 826,933	741 863,573	21,301	20,836	75	52	63 878	2 816,069	23 230,942	8,249	7,784
26	3	98 512	33 381,948	707 036,640	21,180	20,715	76	53	61 170	2 586,785	20 414,872	7,892	7,427
27	4	98 438	31 996,909	673 654,692	21,054	20,589	77	54	58 291	2 364,540	17 828,087	7,540	7,075
28	5	98 364	30 669,376	641 657,784	20,922	20,457	78	55	55 218	2 148,554	15 463,547	7,197	6,732
29	6	98 294	29 398,175	610 988,408	20,783	20,318	79	56	51 958	1 939,299	13 314,993	6,866	6,401
30	7	98 223	28 179,287	581 590,232	20,639	20,174	80	57	48 625	1 740,911	11 375,694	6,534	6,069
31	8	98 149	27 010,278	553 410,945	20,489	20,024	81	58	45 136	1 550,120	9 634,783	6,216	5,750
32	9	98 070	25 888,327	526 400,667	20,334	19,868	82	59	41 567	1 369,335	8 084,662	5,904	5,439
33	10	97 991	24 812,813	500 512,341	20,172	19,706	83	60	37 962	1 199,595	6 715,327	5,598	5,133
34	11	97 912	23 782,058	475 699,528	20,002	19,537	84	61	34 345	1 041,064	5 515,732	5,298	4,833
35	12	97 825	22 792,283	451 917,470	19,828	19,362	85	62	30 725	893,373	4 474,667	5,009	4,544
36	13	97 733	21 842,504	429 125,187	19,646	19,181	86	63	27 089	755,519	3 581,295	4,740	4,275
37	14	97 634	20 930,871	407 282,682	19,458	18,993	87	64	23 528	629,446	2 825,776	4,489	4,024
38	15	97 526	20 055,261	386 351,812	19,264	18,799	88	65	20 044	514,391	2 196,330	4,270	3,805
39	16	97 407	19 214,343	366 296,551	19,064	18,598	89	66	16 889	415,748	1 681,938	4,046	3,580
40	17	97 277	18 406,430	347 082,208	18,857	18,391	90	67	13 997	330,523	1 266,190	3,831	3,366
41	18	97 128	17 628,881	328 675,778	18,644	18,179	91	68	11 515	260,832	935,667	3,587	3,122
42	19	96 962	16 881,390	311 046,897	18,425	17,960	92	69	9 188	199,633	674,836	3,380	2,915
43	20	96 785	16 163,590	294 165,507	18,199	17,734	93	70	7 113	148,250	475,202	3,205	2,740
44	21	96 579	15 471,561	278 001,917	17,969	17,503	94	71	5 382	107,601	326,952	3,039	2,573
45	22	96 352	14 806,042	262 530,356	17,731	17,266	95	72	3 967	76,081	219,351	2,883	2,418
46	23	96 098	14 164,947	247 724,314	17,489	17,023	96	73	2 843	52,295	143,270	2,740	2,274
47	24	95 811	13 546,972	233 559,366	17,241	16,775	97	74	1 978	34,906	90,976	2,606	2,141
48	25	95 493	12 951,555	220 012,395	16,987	16,522	98	75	1 335	22,592	56,070	2,482	2,017
49	26	95 135	12 376,923	207 060,839	16,730	16,264	99	76	871	14,145	33,478	2,367	1,901
							100	77	549	8,555	19,332	2,260	1,794

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	11 826,101	194 893,903	16,480	16,015
1							51	27	94 334	11 292,503	183 067,802	16,211	15,746
2							52	28	93 857	10 777,350	171 775,299	15,939	15,473
3							53	29	93 339	10 280,941	160 997,950	15,660	15,195
4							54	30	92 778	9 802,513	150 717,009	15,375	14,910
5							55	31	92 158	9 340,072	140 914,495	15,087	14,622
6							56	32	91 493	8 894,595	131 574,424	14,793	14,327
7							57	33	90 780	8 465,496	122 679,829	14,492	14,027
8							58	34	90 024	8 052,791	114 214,333	14,183	13,718
9							59	35	89 192	7 653,089	106 161,541	13,872	13,407
10							60	36	88 298	7 267,540	98 508,452	13,555	13,089
11							61	37	87 321	6 894,128	91 240,912	13,235	12,769
12							62	38	86 294	6 535,283	84 346,784	12,906	12,441
13							63	39	85 183	6 188,137	77 811,501	12,574	12,109
14							64	40	84 005	5 853,784	71 623,364	12,235	11,770
15							65	41	82 739	5 530,491	65 769,580	11,892	11,427
16							66	42	81 381	5 218,001	60 239,090	11,544	11,079
17							67	43	79 949	4 917,182	55 021,088	11,190	10,724
18							68	44	78 425	4 626,800	50 103,906	10,829	10,364
19							69	45	76 797	4 346,037	45 477,106	10,464	9,999
20							70	46	75 035	4 073,225	41 131,069	10,098	9,633
21							71	47	73 151	3 809,087	37 057,845	9,729	9,264
22							72	48	71 138	3 553,232	33 248,758	9,357	8,892
23							73	49	68 940	3 303,091	29 695,525	8,990	8,525
24	0	98 988	36 454,980	778 606,727	21,358	20,893	74	50	66 591	3 060,442	26 392,435	8,624	8,159
25	1	98 614	34 836,838	742 151,746	21,304	20,838	75	51	64 037	2 823,101	23 331,992	8,265	7,799
26	2	98 528	33 387,330	707 314,909	21,185	20,720	76	52	61 340	2 593,973	20 508,891	7,906	7,441
27	3	98 452	32 001,497	673 927,578	21,059	20,594	77	53	58 469	2 371,748	17 914,919	7,553	7,088
28	4	98 375	30 673,052	641 926,081	20,928	20,463	78	54	55 394	2 155,422	15 543,171	7,211	6,746
29	5	98 303	29 400,835	611 253,029	20,790	20,325	79	55	52 146	1 946,301	13 387,749	6,879	6,413
30	6	98 231	28 181,546	581 852,194	20,647	20,181	80	56	48 810	1 747,539	11 441,448	6,547	6,082
31	7	98 157	27 012,535	553 670,647	20,497	20,032	81	57	45 323	1 556,543	9 693,908	6,228	5,763
32	8	98 077	25 889,935	526 658,113	20,342	19,877	82	58	41 757	1 375,608	8 137,365	5,915	5,450
33	9	97 997	24 814,388	500 768,178	20,181	19,715	83	59	38 144	1 205,355	6 761,758	5,610	5,145
34	10	97 920	23 783,974	475 953,790	20,012	19,546	84	60	34 534	1 046,788	5 556,403	5,308	4,843
35	11	97 833	22 794,094	452 169,816	19,837	19,372	85	61	30 901	898,481	4 509,615	5,019	4,554
36	12	97 740	21 844,179	429 375,722	19,656	19,191	86	62	27 260	760,290	3 611,134	4,750	4,284
37	13	97 644	20 932,930	407 531,543	19,468	19,003	87	63	23 685	633,672	2 850,844	4,499	4,034
38	14	97 538	20 057,744	386 598,614	19,274	18,809	88	64	20 189	518,120	2 217,172	4,279	3,814
39	15	97 421	19 216,948	366 540,870	19,074	18,609	89	65	17 021	418,992	1 699,053	4,055	3,590
40	16	97 293	18 409,389	347 323,921	18,867	18,401	90	66	14 113	333,262	1 280,060	3,841	3,376
41	17	97 145	17 631,976	328 914,532	18,654	18,189	91	67	11 620	263,206	946,799	3,597	3,132
42	18	96 983	16 885,079	311 282,557	18,435	17,970	92	68	9 279	201,608	683,593	3,391	2,925
43	19	96 806	16 167,067	294 397,478	18,210	17,744	93	69	7 192	149,894	481,985	3,216	2,750
44	20	96 599	15 474,826	278 230,411	17,980	17,514	94	70	5 447	108,902	332,091	3,049	2,584
45	21	96 373	14 809,243	262 755,585	17,743	17,277	95	71	4 021	77,110	223,188	2,894	2,429
46	22	96 120	14 168,203	247 946,342	17,500	17,035	96	72	2 888	53,117	146,079	2,750	2,285
47	23	95 833	13 550,054	233 778,139	17,253	16,788	97	73	2 013	35,522	92,962	2,617	2,152
48	24	95 515	12 954,501	220 228,085	17,000	16,535	98	74	1 361	23,037	57,440	2,493	2,028
49	25	95 156	12 379,681	207 273,585	16,743	16,278	99	75	891	14,468	34,403	2,378	1,913
							100	76	564	8,778	19,935	2,271	1,806

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 4,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	11 828,737	195 086,094	16,493	16,027
1							51	26	94 359	11 295,521	183 257,358	16,224	15,759
2							52	27	93 881	10 780,132	171 961,837	15,952	15,487
3							53	28	93 363	10 283,612	161 181,704	15,674	15,208
4							54	29	92 804	9 805,233	150 898,092	15,390	14,924
5							55	30	92 183	9 342,636	141 092,859	15,102	14,637
6							56	31	91 522	8 897,495	131 750,224	14,808	14,342
7							57	32	90 811	8 468,429	122 852,728	14,507	14,042
8							58	33	90 057	8 055,706	114 384,299	14,199	13,734
9							59	34	89 228	7 656,196	106 328,593	13,888	13,423
10							60	35	88 336	7 270,638	98 672,397	13,571	13,106
11							61	36	87 362	6 897,344	91 401,758	13,252	12,787
12							62	37	86 339	6 538,727	84 504,414	12,924	12,458
13							63	38	85 233	6 191,787	77 965,687	12,592	12,127
14							64	39	84 064	5 857,903	71 773,900	12,252	11,787
15							65	40	82 798	5 534,436	65 915,996	11,910	11,445
16							66	41	81 449	5 222,341	60 381,561	11,562	11,097
17							67	42	80 025	4 921,838	55 159,220	11,207	10,742
18							68	43	78 508	4 631,689	50 237,382	10,846	10,381
19							69	44	76 884	4 350,957	45 605,693	10,482	10,017
20							70	45	75 136	4 078,741	41 254,736	10,115	9,649
21							71	46	73 265	3 815,004	37 175,994	9,745	9,279
22							72	47	71 261	3 559,409	33 360,991	9,373	8,907
23							73	48	69 068	3 309,223	29 801,581	9,006	8,540
24							74	49	66 730	3 066,858	26 492,359	8,638	8,173
25	0	98 931	34 948,660	742 528,019	21,246	20,781	75	50	64 187	2 829,712	23 425,500	8,278	7,813
26	1	98 556	33 396,826	707 579,358	21,187	20,722	76	51	61 494	2 600,450	20 595,788	7,920	7,455
27	2	98 468	32 006,657	674 182,532	21,064	20,599	77	52	58 631	2 378,338	17 995,338	7,566	7,101
28	3	98 390	30 677,451	642 175,875	20,933	20,468	78	53	55 563	2 161,992	15 617,000	7,223	6,758
29	4	98 314	29 404,359	611 498,424	20,796	20,331	79	54	52 312	1 952,522	13 455,008	6,891	6,426
30	5	98 239	28 184,096	582 094,065	20,653	20,188	80	55	48 987	1 753,849	11 502,485	6,558	6,093
31	6	98 165	27 014,701	553 909,969	20,504	20,039	81	56	45 496	1 562,469	9 748,636	6,239	5,774
32	7	98 085	25 892,098	526 895,269	20,350	19,884	82	57	41 930	1 381,307	8 186,167	5,926	5,461
33	8	98 003	24 815,930	501 003,171	20,189	19,724	83	58	38 319	1 210,876	6 804,860	5,620	5,155
34	9	97 926	23 785,484	476 187,241	20,020	19,555	84	59	34 700	1 051,814	5 593,984	5,318	4,853
35	10	97 841	22 795,930	452 401,757	19,846	19,381	85	60	31 071	903,421	4 542,170	5,028	4,563
36	11	97 748	21 845,914	429 605,827	19,665	19,200	86	61	27 416	764,637	3 638,749	4,759	4,294
37	12	97 651	20 934,535	407 759,913	19,478	19,013	87	62	23 835	637,673	2 874,112	4,507	4,042
38	13	97 547	20 059,717	386 825,379	19,284	18,818	88	63	20 325	521,598	2 236,439	4,288	3,822
39	14	97 433	19 219,327	366 765,662	19,083	18,618	89	64	17 144	422,029	1 714,841	4,063	3,598
40	15	97 306	18 411,885	347 546,334	18,876	18,411	90	65	14 224	335,862	1 292,812	3,849	3,384
41	16	97 160	17 634,811	329 134,449	18,664	18,199	91	66	11 717	265,387	956,950	3,606	3,141
42	17	97 001	16 888,043	311 499,638	18,445	17,980	92	67	9 364	203,443	691,562	3,399	2,934
43	18	96 827	16 170,599	294 611,595	18,219	17,754	93	68	7 263	151,377	488,120	3,225	2,759
44	19	96 620	15 478,155	278 440,996	17,989	17,524	94	69	5 508	110,110	336,743	3,058	2,593
45	20	96 393	14 812,369	262 962,842	17,753	17,288	95	70	4 070	78,042	226,632	2,904	2,439
46	21	96 141	14 171,266	248 150,473	17,511	17,046	96	71	2 927	53,835	148,590	2,760	2,295
47	22	95 855	13 553,168	233 979,207	17,264	16,799	97	72	2 045	36,080	94,756	2,626	2,161
48	23	95 537	12 957,448	220 426,039	17,012	16,546	98	73	1 385	23,444	58,676	2,503	2,038
49	24	95 178	12 382,496	207 468,591	16,755	16,290	99	74	909	14,753	35,232	2,388	1,923
							100	75	576	8,978	20,479	2,281	1,816

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 189 264,324	21,893	21,427	50	50	93 003	10 296,342	154 090,471	14,966	14,500
1	1	99 275	95 000,141	2 089 264,324	21,992	21,527	51	51	92 389	9 787,945	143 794,130	14,691	14,225
2	2	99 212	90 851,029	1 994 264,183	21,951	21,485	52	52	91 717	9 298,268	134 006,185	14,412	13,946
3	3	99 177	86 908,036	1 903 413,154	21,901	21,436	53	53	90 982	8 826,541	124 707,916	14,129	13,663
4	4	99 147	83 141,105	1 816 505,118	21,848	21,383	54	54	90 185	8 372,467	115 881,376	13,841	13,375
5	5	99 121	79 539,868	1 733 364,014	21,792	21,327	55	55	89 321	7 935,225	107 508,909	13,548	13,083
6	6	99 101	76 099,014	1 653 824,146	21,733	21,267	56	56	88 386	7 514,003	99 573,684	13,252	12,786
7	7	99 082	72 808,508	1 577 725,132	21,670	21,204	57	57	87 395	7 109,802	92 059,681	12,948	12,483
8	8	99 064	69 660,655	1 504 916,623	21,604	21,138	58	58	86 341	6 721,601	84 949,879	12,638	12,173
9	9	99 049	66 650,365	1 435 255,968	21,534	21,068	59	59	85 187	6 346,208	78 228,278	12,327	11,861
10	10	99 034	63 770,730	1 368 605,603	21,461	20,996	60	60	83 967	5 985,903	71 882,069	12,009	11,543
11	11	99 017	61 014,250	1 304 834,874	21,386	20,920	61	61	82 622	5 636,412	65 896,166	11,691	11,226
12	12	99 000	58 376,528	1 243 820,624	21,307	20,841	62	62	81 229	5 302,738	60 259,754	11,364	10,898
13	13	98 982	55 852,583	1 185 444,096	21,225	20,759	63	63	79 727	4 980,557	54 957,016	11,034	10,569
14	14	98 963	53 437,511	1 129 591,513	21,139	20,673	64	64	78 155	4 672,121	49 976,459	10,697	10,231
15	15	98 935	51 121,612	1 076 154,001	21,051	20,585	65	65	76 477	4 374,961	45 304,337	10,355	9,890
16	16	98 902	48 903,801	1 025 032,390	20,960	20,495	66	66	74 702	4 089,403	40 929,377	10,009	9,543
17	17	98 856	46 776,498	976 128,588	20,868	20,402	67	67	72 853	3 816,438	36 839,974	9,653	9,187
18	18	98 805	44 739,060	929 352,091	20,773	20,307	68	68	70 895	3 553,908	33 023,535	9,292	8,827
19	19	98 729	42 779,359	884 613,030	20,679	20,213	69	69	68 821	3 301,377	29 469,627	8,926	8,461
20	20	98 654	40 906,063	841 833,671	20,580	20,114	70	70	66 595	3 057,019	26 168,251	8,560	8,094
21	21	98 574	39 112,919	800 927,608	20,477	20,012	71	71	64 247	2 822,242	23 111,232	8,189	7,723
22	22	98 497	37 399,438	761 814,689	20,370	19,904	72	72	61 752	2 595,836	20 288,990	7,816	7,350
23	23	98 419	35 760,580	724 415,250	20,257	19,792	73	73	59 028	2 374,466	17 693,155	7,451	6,986
24	24	98 342	34 194,024	688 654,670	20,140	19,674	74	74	56 145	2 161,247	15 318,688	7,088	6,622
25	25	98 263	32 695,268	654 460,646	20,017	19,551	75	75	53 072	1 955,004	13 157,442	6,730	6,265
26	26	98 183	31 261,827	621 765,378	19,889	19,423	76	76	49 829	1 756,482	11 202,437	6,378	5,912
27	27	98 097	29 889,366	590 503,552	19,756	19,291	77	77	46 421	1 565,890	9 445,956	6,032	5,567
28	28	98 010	28 576,783	560 614,185	19,618	19,152	78	78	42 837	1 382,758	7 880,066	5,699	5,233
29	29	97 924	27 322,159	532 037,403	19,473	19,007	79	79	39 108	1 208,037	6 497,307	5,378	4,913
30	30	97 833	26 121,539	504 715,244	19,322	18,856	80	80	35 359	1 045,202	5 289,270	5,061	4,595
31	31	97 742	24 973,227	478 593,705	19,164	18,699	81	81	31 529	891,840	4 244,068	4,759	4,293
32	32	97 637	23 872,326	453 620,478	19,002	18,536	82	82	27 725	750,464	3 352,228	4,467	4,001
33	33	97 531	22 819,370	429 748,153	18,833	18,367	83	83	23 995	621,538	2 601,764	4,186	3,720
34	34	97 425	21 812,964	406 928,783	18,655	18,190	84	84	20 410	505,920	1 980,226	3,914	3,448
35	35	97 306	20 848,321	385 115,818	18,472	18,007	85	85	17 005	403,358	1 474,306	3,655	3,189
36	36	97 181	19 924,784	364 267,498	18,282	17,817	86	86	13 800	313,240	1 070,948	3,419	2,953
37	37	97 047	19 040,503	344 342,714	18,085	17,619	87	87	10 900	236,763	757,708	3,200	2,735
38	38	96 900	18 192,994	325 302,211	17,881	17,415	88	88	8 281	172,129	520,945	3,026	2,561
39	39	96 738	17 380,567	307 109,217	17,670	17,204	89	89	6 150	122,322	348,817	2,852	2,386
40	40	96 557	16 600,914	289 728,650	17,453	16,987	90	90	4 421	84,146	226,495	2,692	2,226
41	41	96 357	15 853,076	273 127,736	17,229	16,763	91	91	3 126	56,941	142,348	2,500	2,034
42	42	96 134	15 135,286	257 274,660	16,998	16,533	92	92	2 083	36,305	85,407	2,352	1,887
43	43	95 888	14 446,492	242 139,374	16,761	16,296	93	93	1 322	22,055	49,102	2,226	1,761
44	44	95 602	13 783,244	227 692,882	16,520	16,054	94	94	803	12,819	27,047	2,110	1,644
45	45	95 291	13 146,755	213 909,638	16,271	15,805	95	95	465	7,099	14,228	2,004	1,539
46	46	94 933	12 533,326	200 762,882	16,018	15,553	96	96	256	3,736	7,130	1,909	1,443
47	47	94 524	11 942,028	188 229,556	15,762	15,296	97	97	133	1,863	3,394	1,822	1,356
48	48	94 068	11 372,658	176 287,529	15,501	15,035	98	98	66	0,878	1,531	1,743	1,277
49	49	93 563	10 824,399	164 914,871	15,235	14,770	99	99	30	0,390	0,653	1,671	1,206
							100	100	13	0,163	0,262	1,607	1,141

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 187 024,414	21,940	21,475	50	51	92 786	10 272,285	152 674,690	14,863	14,397
1	2	99 247	94 973,129	2 087 344,375	21,978	21,513	51	52	92 159	9 763,565	142 402,405	14,585	14,119
2	3	99 196	90 836,382	1 992 371,246	21,934	21,468	52	53	91 463	9 272,504	132 638,840	14,305	13,839
3	4	99 162	86 895,575	1 901 534,864	21,883	21,417	53	54	90 705	8 799,715	123 366,336	14,019	13,554
4	5	99 135	83 131,140	1 814 639,289	21,829	21,363	54	55	89 897	8 345,791	114 566,621	13,727	13,262
5	6	99 112	79 532,673	1 731 508,149	21,771	21,305	55	56	89 000	7 906,678	106 220,830	13,434	12,969
6	7	99 093	76 092,913	1 651 975,476	21,710	21,244	56	57	88 051	7 485,503	98 314,152	13,134	12,668
7	8	99 074	72 802,425	1 575 882,563	21,646	21,180	57	58	87 034	7 080,465	90 828,649	12,828	12,362
8	9	99 058	69 656,328	1 503 080,138	21,579	21,113	58	59	85 947	6 690,953	83 748,184	12,517	12,051
9	10	99 042	66 646,134	1 433 423,810	21,508	21,042	59	60	84 780	6 315,884	77 057,231	12,201	11,735
10	11	99 026	63 765,592	1 366 777,676	21,434	20,969	60	61	83 508	5 953,173	70 741,347	11,883	11,417
11	12	99 009	61 009,404	1 303 012,083	21,358	20,892	61	62	82 152	5 604,367	64 788,174	11,560	11,095
12	13	98 992	58 372,053	1 242 002,680	21,277	20,812	62	63	80 719	5 269,465	59 183,807	11,231	10,766
13	14	98 972	55 847,089	1 183 630,626	21,194	20,729	63	64	79 195	4 947,343	53 914,342	10,898	10,432
14	15	98 951	53 430,896	1 127 783,538	21,107	20,642	64	65	77 593	4 638,502	48 966,999	10,557	10,091
15	16	98 921	51 114,682	1 074 352,642	21,018	20,553	65	66	75 885	4 341,088	44 328,497	10,211	9,746
16	17	98 886	48 895,939	1 023 237,960	20,927	20,461	66	67	74 088	4 055,789	39 987,410	9,859	9,394
17	18	98 839	46 768,287	974 342,021	20,833	20,368	67	68	72 196	3 782,015	35 931,620	9,501	9,035
18	19	98 784	44 729,288	927 573,734	20,738	20,272	68	69	70 200	3 519,097	32 149,605	9,136	8,670
19	20	98 708	42 770,159	882 844,446	20,642	20,176	69	70	68 066	3 265,168	28 630,508	8,768	8,303
20	21	98 633	40 897,432	840 074,287	20,541	20,075	70	71	65 799	3 020,493	25 365,340	8,398	7,932
21	22	98 553	39 104,465	799 176,854	20,437	19,971	71	72	63 389	2 784,585	22 344,847	8,024	7,559
22	23	98 474	37 390,844	760 072,389	20,328	19,862	72	73	60 796	2 555,665	19 560,263	7,654	7,188
23	24	98 397	35 752,446	722 681,545	20,213	19,748	73	74	58 004	2 333,304	17 004,598	7,288	6,822
24	25	98 320	34 186,250	686 929,099	20,094	19,628	74	75	55 060	2 119,483	14 671,294	6,922	6,456
25	26	98 242	32 687,982	652 742,849	19,969	19,503	75	76	51 890	1 911,445	12 551,811	6,567	6,101
26	27	98 157	31 253,475	620 054,867	19,840	19,374	76	77	48 566	1 711,959	10 640,367	6,215	5,750
27	28	98 072	29 881,651	588 801,392	19,704	19,239	77	78	45 077	1 520,551	8 928,408	5,872	5,406
28	29	97 984	28 569,360	558 919,741	19,564	19,098	78	79	41 412	1 336,770	7 407,857	5,542	5,076
29	30	97 896	27 314,581	530 350,381	19,416	18,951	79	80	37 640	1 162,675	6 071,086	5,222	4,756
30	31	97 807	26 114,370	503 035,800	19,263	18,797	80	81	33 826	999,868	4 908,412	4,909	4,443
31	32	97 710	24 965,085	476 921,430	19,104	18,638	81	82	29 968	847,698	3 908,544	4,611	4,145
32	33	97 604	23 864,058	451 956,345	18,939	18,473	82	83	26 148	707,787	3 060,846	4,325	3,859
33	34	97 495	22 811,114	428 092,288	18,767	18,301	83	84	22 436	581,163	2 353,059	4,049	3,583
34	35	97 385	21 804,112	405 281,174	18,587	18,122	84	85	18 900	468,489	1 771,896	3,782	3,317
35	36	97 265	20 839,436	383 477,062	18,402	17,936	85	86	15 555	368,953	1 303,407	3,533	3,067
36	37	97 135	19 915,493	362 637,625	18,209	17,743	86	87	12 466	282,966	934,453	3,302	2,837
37	38	96 996	19 030,474	342 722,133	18,009	17,544	87	88	9 650	209,615	651,487	3,108	2,642
38	39	96 843	18 182,268	323 691,658	17,803	17,337	88	89	7 242	150,533	441,872	2,935	2,470
39	40	96 670	17 368,344	305 509,390	17,590	17,124	89	90	5 290	105,225	291,339	2,769	2,303
40	41	96 488	16 589,081	288 141,047	17,369	16,904	90	91	3 766	71,676	186,114	2,597	2,131
41	42	96 277	15 839,902	271 551,965	17,144	16,678	91	92	2 585	47,082	114,438	2,431	1,965
42	43	96 043	15 120,968	255 712,063	16,911	16,445	92	93	1 689	29,444	67,355	2,288	1,822
43	44	95 786	14 431,243	240 591,095	16,672	16,206	93	94	1 049	17,492	37,912	2,167	1,702
44	45	95 494	13 767,658	226 159,852	16,427	15,961	94	95	622	9,930	20,419	2,056	1,591
45	46	95 162	13 128,974	212 392,194	16,177	15,712	95	96	351	5,363	10,490	1,956	1,490
46	47	94 785	12 513,888	199 263,220	15,923	15,458	96	97	188	2,749	5,126	1,865	1,399
47	48	94 360	11 921,303	186 749,332	15,665	15,200	97	98	95	1,334	2,377	1,782	1,316
48	49	93 894	11 351,585	174 828,029	15,401	14,936	98	99	46	0,611	1,043	1,707	1,241
49	50	93 367	10 801,754	163 476,444	15,134	14,669	99	100	21	0,264	0,432	1,639	1,173

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 184 946,880	21,926	21,460	50	52	92 555	10 246,699	151 149,937	14,751	14,285
1	3	99 231	94 957,818	2 085 295,183	21,960	21,495	51	53	91 904	9 736,512	140 903,238	14,472	14,006
2	4	99 181	90 823,357	1 990 337,365	21,914	21,449	52	54	91 185	9 244,323	131 166,726	14,189	13,723
3	5	99 150	86 885,160	1 899 514,008	21,862	21,397	53	55	90 416	8 771,678	121 922,402	13,900	13,434
4	6	99 126	83 123,620	1 812 628,848	21,806	21,341	54	56	89 574	8 315,767	113 150,725	13,607	13,141
5	7	99 104	79 526,296	1 729 505,227	21,748	21,282	55	57	88 662	7 876,689	104 834,958	13,310	12,844
6	8	99 084	76 086,556	1 649 978,932	21,686	21,220	56	58	87 687	7 454,616	96 958,269	13,006	12,541
7	9	99 068	72 797,904	1 573 892,376	21,620	21,154	57	59	86 637	7 048,180	89 503,653	12,699	12,233
8	10	99 052	69 651,906	1 501 094,472	21,551	21,086	58	60	85 537	6 658,981	82 455,473	12,383	11,917
9	11	99 035	66 640,765	1 431 442,566	21,480	21,014	59	61	84 317	6 281,350	75 796,492	12,067	11,601
10	12	99 018	63 760,528	1 364 801,801	21,405	20,940	60	62	83 033	5 919,326	69 515,142	11,744	11,278
11	13	99 002	61 004,727	1 301 041,273	21,327	20,861	61	63	81 637	5 569,201	63 595,816	11,419	10,954
12	14	98 982	58 366,311	1 240 036,546	21,246	20,780	62	64	80 181	5 234,325	58 026,615	11,086	10,620
13	15	98 960	55 840,175	1 181 670,235	21,162	20,696	63	65	78 625	4 911,743	52 792,290	10,748	10,283
14	16	98 938	53 423,653	1 125 830,059	21,074	20,608	64	66	76 992	4 602,588	47 880,547	10,403	9,937
15	17	98 905	51 106,464	1 072 406,407	20,984	20,518	65	67	75 262	4 305,405	43 277,959	10,052	9,586
16	18	98 868	48 887,356	1 021 299,942	20,891	20,425	66	68	73 420	4 019,207	38 972,554	9,697	9,231
17	19	98 817	46 758,071	972 412,586	20,797	20,331	67	69	71 489	3 744,970	34 953,346	9,333	8,868
18	20	98 762	44 719,668	925 654,515	20,699	20,233	68	70	69 430	3 480,501	31 208,376	8,967	8,501
19	21	98 687	42 761,135	880 934,846	20,601	20,136	69	71	67 253	3 226,155	27 727,876	8,595	8,129
20	22	98 612	40 888,593	838 173,711	20,499	20,033	70	72	64 921	2 980,190	24 501,720	8,222	7,756
21	23	98 530	39 095,479	797 285,119	20,393	19,928	71	73	62 408	2 741,493	21 521,530	7,850	7,385
22	24	98 452	37 382,339	758 189,640	20,282	19,816	72	74	59 742	2 511,361	18 780,037	7,478	7,012
23	25	98 374	35 744,318	720 807,300	20,166	19,700	73	75	56 883	2 288,215	16 268,676	7,110	6,644
24	26	98 298	34 178,632	685 062,983	20,044	19,578	74	76	53 833	2 072,258	13 980,461	6,746	6,281
25	27	98 215	32 679,249	650 884,351	19,917	19,452	75	77	50 575	1 862,994	11 908,203	6,392	5,926
26	28	98 132	31 245,407	618 205,102	19,785	19,320	76	78	47 160	1 662,390	10 045,209	6,043	5,577
27	29	98 046	29 873,890	586 959,694	19,648	19,182	77	79	43 578	1 469,980	8 382,819	5,703	5,237
28	30	97 957	28 561,436	557 085,805	19,505	19,039	78	80	39 857	1 286,574	6 912,839	5,373	4,907
29	31	97 870	27 307,085	528 524,369	19,355	18,889	79	81	36 007	1 112,246	5 626,265	5,058	4,593
30	32	97 775	26 105,856	501 217,284	19,199	18,734	80	82	32 151	950,379	4 514,019	4,750	4,284
31	33	97 676	24 956,439	475 111,428	19,038	18,572	81	83	28 264	799,491	3 563,640	4,457	3,992
32	34	97 568	23 855,424	450 154,990	18,870	18,405	82	84	24 449	661,810	2 764,149	4,177	3,711
33	35	97 456	22 801,857	426 299,566	18,696	18,230	83	85	20 776	538,165	2 102,339	3,906	3,441
34	36	97 344	21 794,820	403 497,709	18,513	18,048	84	86	17 288	428,529	1 564,174	3,650	3,184
35	37	97 220	20 829,718	381 702,889	18,325	17,859	85	87	14 051	333,294	1 135,645	3,407	2,942
36	38	97 084	19 905,003	360 873,170	18,130	17,664	86	88	11 037	250,521	802,350	3,203	2,737
37	39	96 938	19 019,255	340 968,167	17,928	17,462	87	89	8 440	183,316	551,829	3,010	2,545
38	40	96 775	18 169,481	321 948,913	17,719	17,254	88	90	6 230	129,493	368,513	2,846	2,380
39	41	96 602	17 355,964	303 779,431	17,503	17,037	89	91	4 506	89,631	239,020	2,667	2,201
40	42	96 408	16 575,296	286 423,468	17,280	16,815	90	92	3 114	59,266	149,389	2,521	2,055
41	43	96 185	15 824,918	269 848,172	17,052	16,586	91	93	2 096	38,185	90,123	2,360	1,895
42	44	95 941	15 105,008	254 023,253	16,817	16,352	92	94	1 340	23,352	51,938	2,224	1,758
43	45	95 678	14 414,924	238 918,246	16,574	16,109	93	95	812	13,550	28,586	2,110	1,644
44	46	95 365	13 749,036	224 503,322	16,329	15,863	94	96	470	7,502	15,036	2,004	1,539
45	47	95 014	13 108,612	210 754,285	16,078	15,612	95	97	258	3,948	7,534	1,909	1,443
46	48	94 621	12 492,171	197 645,674	15,822	15,356	96	98	135	1,969	3,586	1,822	1,356
47	49	94 185	11 899,214	185 153,503	15,560	15,095	97	99	66	0,928	1,618	1,743	1,277
48	50	93 698	11 327,836	173 254,289	15,295	14,829	98	100	31	0,413	0,690	1,672	1,206
49	51	93 149	10 776,516	161 926,453	15,026	14,560							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 182 731,626	21,907	21,442	50	53	92 298	10 218,307	149 510,259	14,632	14,166
1	4	99 217	94 944,202	2 083 095,995	21,940	21,475	51	54	91 625	9 706,921	139 291,952	14,350	13,884
2	5	99 169	90 812,472	1 988 151,793	21,893	21,427	52	55	90 894	9 214,870	129 585,031	14,063	13,597
3	6	99 141	86 877,301	1 897 339,321	21,839	21,374	53	56	90 091	8 740,121	120 370,161	13,772	13,307
4	7	99 119	83 116,956	1 810 462,020	21,782	21,316	54	57	89 234	8 284,226	111 630,040	13,475	13,009
5	8	99 096	79 519,652	1 727 345,064	21,722	21,257	55	58	88 297	7 844,187	103 345,814	13,175	12,709
6	9	99 078	76 081,830	1 647 825,412	21,659	21,193	56	59	87 288	7 420,626	95 501,627	12,870	12,404
7	10	99 062	72 793,282	1 571 743,582	21,592	21,126	57	60	86 223	7 014,502	88 081,001	12,557	12,091
8	11	99 044	69 646,295	1 498 950,300	21,522	21,057	58	61	85 069	6 622,571	81 066,499	12,241	11,775
9	12	99 027	66 635,472	1 429 304,005	21,450	20,984	59	62	83 837	6 245,637	74 443,929	11,919	11,454
10	13	99 011	63 755,641	1 362 668,533	21,373	20,908	60	63	82 512	5 882,184	68 198,291	11,594	11,128
11	14	98 992	60 998,726	1 298 912,892	21,294	20,828	61	64	81 093	5 532,062	62 316,107	11,265	10,799
12	15	98 970	58 359,086	1 237 914,166	21,212	20,746	62	65	79 604	5 196,659	56 784,046	10,927	10,461
13	16	98 946	55 832,605	1 179 555,081	21,127	20,661	63	66	78 016	4 873,714	51 587,386	10,585	10,119
14	17	98 922	53 415,064	1 123 722,475	21,038	20,572	64	67	76 359	4 564,756	46 713,672	10,234	9,768
15	18	98 888	51 097,493	1 070 307,411	20,946	20,481	65	68	74 583	4 266,572	42 148,916	9,879	9,413
16	19	98 847	48 876,677	1 019 209,917	20,853	20,387	66	69	72 701	3 979,839	37 882,344	9,519	9,053
17	20	98 796	46 748,015	970 333,240	20,757	20,291	67	70	70 705	3 703,896	33 902,505	9,153	8,688
18	21	98 742	44 710,233	923 585,225	20,657	20,192	68	71	68 601	3 438,915	30 198,609	8,781	8,316
19	22	98 665	42 751,892	878 874,992	20,558	20,092	69	72	66 355	3 183,109	26 759,694	8,407	7,941
20	23	98 589	40 879,197	836 123,099	20,454	19,988	70	73	63 916	2 934,071	23 576,585	8,035	7,570
21	24	98 508	39 086,587	795 243,903	20,346	19,880	71	74	61 327	2 693,968	20 642,514	7,662	7,197
22	25	98 430	37 373,841	756 157,316	20,232	19,767	72	75	58 588	2 462,832	17 948,546	7,288	6,822
23	26	98 352	35 736,352	718 783,475	20,114	19,648	73	76	55 616	2 237,231	15 485,714	6,922	6,456
24	27	98 272	34 169,501	683 047,123	19,990	19,524	74	77	52 469	2 019,731	13 248,483	6,560	6,094
25	28	98 190	32 670,813	648 877,622	19,861	19,395	75	78	49 110	1 809,052	11 228,752	6,207	5,741
26	29	98 106	31 237,292	616 206,809	19,727	19,261	76	79	45 591	1 607,102	9 419,700	5,861	5,396
27	30	98 019	29 865,604	584 969,517	19,587	19,121	77	80	41 941	1 414,781	7 812,598	5,522	5,057
28	31	97 930	28 553,598	555 103,913	19,441	18,975	78	81	38 128	1 230,771	6 397,816	5,198	4,733
29	32	97 838	27 298,182	526 550,316	19,289	18,823	79	82	34 225	1 057,194	5 167,045	4,888	4,422
30	33	97 741	26 096,814	499 252,134	19,131	18,665	80	83	30 323	896,333	4 109,851	4,585	4,120
31	34	97 641	24 947,410	473 155,319	18,966	18,500	81	84	26 428	747,557	3 213,518	4,299	3,833
32	35	97 529	23 845,743	448 207,910	18,796	18,331	82	85	22 641	612,845	2 465,961	4,024	3,558
33	36	97 414	22 792,140	424 362,167	18,619	18,153	83	86	19 004	492,262	1 853,116	3,764	3,299
34	37	97 298	21 784,657	401 570,027	18,434	17,968	84	87	15 617	387,112	1 360,853	3,515	3,050
35	38	97 168	20 818,747	379 785,371	18,242	17,777	85	88	12 440	295,078	973,741	3,300	2,834
36	39	97 027	19 893,268	358 966,623	18,045	17,579	86	89	9 652	219,090	678,663	3,098	2,632
37	40	96 870	19 005,879	339 073,355	17,840	17,375	87	90	7 260	157,694	459,573	2,914	2,449
38	41	96 706	18 156,530	320 067,476	17,628	17,163	88	91	5 307	110,303	301,878	2,737	2,271
39	42	96 521	17 341,541	301 910,946	17,410	16,944	89	92	3 726	74,112	191,575	2,585	2,119
40	43	96 317	16 559,617	284 569,405	17,185	16,719	90	93	2 525	48,066	117,463	2,444	1,978
41	44	96 084	15 808,214	268 009,788	16,954	16,488	91	94	1 663	30,285	69,398	2,292	1,826
42	45	95 833	15 087,926	252 201,574	16,715	16,250	92	95	1 038	18,089	39,113	2,162	1,697
43	46	95 549	14 395,427	237 113,648	16,471	16,006	93	96	614	10,237	21,024	2,054	1,588
44	47	95 217	13 727,713	222 718,221	16,224	15,758	94	97	346	5,522	10,787	1,953	1,488
45	48	94 850	13 085,863	208 990,508	15,971	15,505	95	98	185	2,827	5,265	1,863	1,397
46	49	94 446	12 469,024	195 904,645	15,711	15,246	96	99	94	1,370	2,438	1,780	1,315
47	50	93 988	11 874,320	183 435,622	15,448	14,982	97	100	45	0,627	1,069	1,705	1,240
48	51	93 479	11 301,369	171 561,302	15,181	14,715							
49	52	92 917	10 749,674	160 259,933	14,908	14,443							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 180 357,234	21,886	21,421	50	54	92 018	10 187,252	147 751,088	14,504	14,038
1	5	99 205	94 932,823	2 080 735,890	21,918	21,452	51	55	91 333	9 675,993	137 563,837	14,217	13,751
2	6	99 161	90 804,258	1 985 803,066	21,869	21,403	52	56	90 567	9 181,719	127 887,843	13,929	13,463
3	7	99 133	86 870,335	1 894 998,809	21,814	21,348	53	57	89 749	8 706,971	118 706,125	13,633	13,168
4	8	99 110	83 110,012	1 808 128,473	21,756	21,290	54	58	88 866	8 250,043	109 999,153	13,333	12,868
5	9	99 090	79 514,713	1 725 018,462	21,694	21,229	55	59	87 894	7 808,420	101 749,111	13,031	12,565
6	10	99 072	76 077,000	1 645 503,749	21,629	21,164	56	60	86 871	7 385,167	93 940,690	12,720	12,255
7	11	99 054	72 787,418	1 569 426,749	21,562	21,096	57	61	85 752	6 976,147	86 555,523	12,407	11,942
8	12	99 036	69 640,764	1 496 639,331	21,491	21,025	58	62	84 585	6 584,918	79 579,375	12,085	11,619
9	13	99 019	66 630,364	1 426 998,567	21,417	20,951	59	63	83 311	6 206,447	72 994,457	11,761	11,295
10	14	99 001	63 749,369	1 360 368,203	21,339	20,874	60	64	81 962	5 842,958	66 788,010	11,431	10,965
11	15	98 980	60 991,175	1 296 618,834	21,259	20,794	61	65	80 509	5 492,254	60 945,052	11,097	10,631
12	16	98 957	58 351,174	1 235 627,659	21,176	20,710	62	66	78 988	5 156,425	55 452,798	10,754	10,289
13	17	98 930	55 823,630	1 177 276,485	21,089	20,624	63	67	77 375	4 833,654	50 296,374	10,405	9,940
14	18	98 904	53 405,688	1 121 452,855	20,999	20,533	64	68	75 670	4 523,584	45 462,720	10,050	9,585
15	19	98 866	51 086,332	1 068 047,167	20,907	20,441	65	69	73 852	4 224,780	40 939,136	9,690	9,225
16	20	98 825	48 866,166	1 016 960,835	20,811	20,346	66	70	71 904	3 936,189	36 714,356	9,327	8,862
17	21	98 775	46 738,152	968 094,669	20,713	20,248	67	71	69 860	3 659,641	32 778,167	8,957	8,491
18	22	98 720	44 700,569	921 356,517	20,612	20,146	68	72	67 685	3 393,030	29 118,525	8,582	8,116
19	23	98 643	42 742,068	876 655,948	20,510	20,045	69	73	65 328	3 133,850	25 725,496	8,209	7,743
20	24	98 567	40 869,898	833 913,880	20,404	19,938	70	74	62 808	2 883,208	22 591,646	7,836	7,370
21	25	98 485	39 077,700	793 043,981	20,294	19,828	71	75	60 142	2 641,909	19 708,438	7,460	6,994
22	26	98 408	37 365,512	753 966,281	20,178	19,713	72	76	57 282	2 407,957	17 066,529	7,088	6,622
23	27	98 326	35 726,805	716 600,769	20,058	19,592	73	77	54 206	2 180,522	14 658,572	6,723	6,257
24	28	98 247	34 160,681	680 873,964	19,932	19,466	74	78	50 949	1 961,251	12 478,050	6,362	5,897
25	29	98 164	32 662,328	646 713,284	19,800	19,334	75	79	47 477	1 748,887	10 516,798	6,013	5,548
26	30	98 079	31 228,628	614 050,956	19,663	19,197	76	80	43 879	1 546,755	8 767,912	5,669	5,203
27	31	97 992	29 857,407	582 822,328	19,520	19,055	77	81	40 122	1 353,418	7 221,157	5,335	4,870
28	32	97 898	28 544,289	552 964,921	19,372	18,907	78	82	36 241	1 169,853	5 867,739	5,016	4,550
29	33	97 804	27 288,727	524 420,632	19,217	18,752	79	83	32 279	997,074	4 697,886	4,712	4,246
30	34	97 706	26 087,373	497 131,905	19,056	18,591	80	84	28 353	838,108	3 700,812	4,416	3,950
31	35	97 601	24 937,285	471 044,532	18,889	18,424	81	85	24 473	692,248	2 862,704	4,135	3,670
32	36	97 487	23 835,581	446 107,247	18,716	18,250	82	86	20 709	560,572	2 170,456	3,872	3,406
33	37	97 369	22 781,511	422 271,666	18,536	18,070	83	87	17 167	444,686	1 609,883	3,620	3,155
34	38	97 247	21 773,183	399 490,155	18,348	17,882	84	88	13 827	342,726	1 165,198	3,400	2,934
35	39	97 111	20 806,473	377 716,972	18,154	17,688	85	89	10 879	258,057	822,472	3,187	2,722
36	40	96 959	19 879,278	356 910,499	17,954	17,488	86	90	8 303	188,468	564,415	2,995	2,529
37	41	96 801	18 992,332	337 031,221	17,746	17,280	87	91	6 184	134,325	375,947	2,799	2,333
38	42	96 625	18 141,442	318 038,889	17,531	17,065	88	92	4 388	91,205	241,622	2,649	2,184
39	43	96 430	17 325,137	299 897,447	17,310	16,844	89	93	3 022	60,106	150,418	2,503	2,037
40	44	96 215	16 542,137	282 572,310	17,082	16,616	90	94	2 003	38,122	90,312	2,369	1,903
41	45	95 975	15 790,338	266 030,172	16,848	16,382	91	95	1 288	23,459	52,190	2,225	1,759
42	46	95 703	15 067,519	250 239,834	16,608	16,142	92	96	784	13,667	28,731	2,102	1,637
43	47	95 401	14 373,101	235 172,315	16,362	15,896	93	97	452	7,535	15,064	1,999	1,534
44	48	95 052	13 703,890	220 799,214	16,112	15,647	94	98	248	3,954	7,529	1,904	1,439
45	49	94 674	13 061,615	207 095,325	15,855	15,390	95	99	129	1,967	3,575	1,818	1,352
46	50	94 248	12 442,937	194 033,710	15,594	15,128	96	100	63	0,925	1,609	1,740	1,274
47	51	93 769	11 846,576	181 590,772	15,329	14,863							
48	52	93 246	11 273,220	169 744,197	15,057	14,592							
49	53	92 659	10 719,888	158 470,977	14,783	14,317							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 177 812,613	21,864	21,398	50	55	91 725	10 154,793	145 867,831	14,364	13,899
1	6	99 196	94 924,236	2 078 203,208	21,893	21,428	51	56	91 004	9 641,184	135 713,037	14,076	13,611
2	7	99 153	90 796,977	1 983 278,972	21,843	21,377	52	57	90 224	9 146,893	126 071,854	13,783	13,317
3	8	99 125	86 863,078	1 892 481,995	21,787	21,321	53	58	89 379	8 671,044	116 924,960	13,485	13,019
4	9	99 104	83 104,850	1 805 618,918	21,727	21,261	54	59	88 461	8 212,426	108 253,916	13,182	12,716
5	10	99 084	79 509,665	1 722 514,068	21,664	21,199	55	60	87 474	7 771,109	100 041,491	12,874	12,408
6	11	99 064	76 070,871	1 643 004,403	21,598	21,133	56	61	86 396	7 344,786	92 270,382	12,563	12,097
7	12	99 046	72 781,637	1 566 933,532	21,529	21,064	57	62	85 264	6 936,485	84 925,596	12,243	11,778
8	13	99 029	69 635,425	1 494 151,895	21,457	20,991	58	63	84 055	6 543,599	77 989,111	11,918	11,453
9	14	99 009	66 623,810	1 424 516,469	21,381	20,916	59	64	82 756	6 165,059	71 445,512	11,589	11,123
10	15	98 989	63 741,477	1 357 892,659	21,303	20,838	60	65	81 372	5 800,913	65 280,453	11,253	10,788
11	16	98 966	60 982,907	1 294 151,182	21,222	20,756	61	66	79 886	5 449,730	59 479,540	10,914	10,449
12	17	98 941	58 341,794	1 233 168,276	21,137	20,671	62	67	78 338	5 114,040	54 029,810	10,565	10,099
13	18	98 913	55 813,831	1 174 826,482	21,049	20,583	63	68	76 677	4 790,056	48 915,769	10,212	9,746
14	19	98 883	53 394,022	1 119 012,651	20,958	20,492	64	69	74 929	4 479,275	44 125,714	9,851	9,385
15	20	98 845	51 075,345	1 065 618,629	20,864	20,398	65	70	73 042	4 178,444	39 646,439	9,488	9,023
16	21	98 805	48 855,856	1 014 543,284	20,766	20,300	66	71	71 045	3 889,159	35 467,995	9,120	8,654
17	22	98 754	46 728,050	965 687,428	20,666	20,201	67	72	68 928	3 610,811	31 578,836	8,746	8,280
18	23	98 698	44 690,297	918 959,378	20,563	20,097	68	73	66 638	3 340,522	27 968,025	8,372	7,907
19	24	98 620	42 732,346	874 269,081	20,459	19,994	69	74	64 196	3 079,523	24 627,503	7,997	7,532
20	25	98 544	40 860,607	831 536,735	20,351	19,885	70	75	61 594	2 827,493	21 547,980	7,621	7,155
21	26	98 463	39 068,992	790 676,128	20,238	19,772	71	76	58 802	2 583,045	18 720,487	7,247	6,782
22	27	98 381	37 355,530	751 607,136	20,120	19,655	72	77	55 830	2 346,921	16 137,443	6,876	6,410
23	28	98 301	35 717,583	714 251,607	19,997	19,532	73	78	52 637	2 117,387	13 790,522	6,513	6,047
24	29	98 221	34 151,808	678 534,024	19,868	19,403	74	79	49 255	1 896,024	11 673,135	6,157	5,691
25	30	98 137	32 653,268	644 382,216	19,734	19,268	75	80	45 694	1 683,215	9 777,111	5,809	5,343
26	31	98 052	31 220,057	611 728,948	19,594	19,128	76	81	41 976	1 479,667	8 093,896	5,470	5,004
27	32	97 960	29 847,673	580 508,890	19,449	18,983	77	82	38 136	1 286,429	6 614,230	5,142	4,676
28	33	97 864	28 534,403	550 661,217	19,298	18,833	78	83	34 180	1 103,326	5 327,800	4,829	4,363
29	34	97 768	27 278,854	522 126,815	19,140	18,675	79	84	30 182	932,305	4 224,474	4,531	4,066
30	35	97 666	26 076,786	494 847,960	18,977	18,511	80	85	26 256	776,100	3 292,169	4,242	3,776
31	36	97 559	24 926,658	468 771,174	18,806	18,340	81	86	22 385	633,203	2 516,069	3,974	3,508
32	37	97 442	23 824,466	443 844,516	18,630	18,164	82	87	18 708	506,394	1 882,867	3,718	3,253
33	38	97 318	22 769,513	420 020,050	18,447	17,981	83	88	15 199	393,697	1 376,473	3,496	3,031
34	39	97 190	21 760,346	397 250,538	18,256	17,790	84	89	12 092	299,726	982,775	3,279	2,813
35	40	97 043	20 791,841	375 490,192	18,059	17,594	85	90	9 359	221,989	683,049	3,077	2,611
36	41	96 890	19 865,108	354 698,351	17,855	17,390	86	91	7 073	160,538	461,060	2,872	2,406
37	42	96 721	18 976,550	334 833,243	17,645	17,179	87	92	5 113	111,067	300,522	2,706	2,240
38	43	96 534	18 124,281	315 856,693	17,427	16,962	88	93	3 559	73,968	189,455	2,561	2,096
39	44	96 328	17 306,849	297 732,412	17,203	16,738	89	94	2 397	47,671	115,487	2,423	1,957
40	45	96 106	16 523,431	280 425,562	16,971	16,506	90	95	1 551	29,529	67,815	2,297	1,831
41	46	95 845	15 768,981	263 902,131	16,736	16,270	91	96	973	17,724	38,286	2,160	1,694
42	47	95 555	15 044,151	248 133,151	16,494	16,028	92	97	577	10,059	20,562	2,044	1,578
43	48	95 235	14 348,157	233 089,000	16,245	15,780	93	98	323	5,395	10,503	1,947	1,481
44	49	94 876	13 678,497	218 740,843	15,992	15,526	94	99	172	2,751	5,107	1,857	1,391
45	50	94 476	13 034,289	205 062,346	15,733	15,267	95	100	87	1,328	2,357	1,775	1,309
46	51	94 028	12 413,865	192 028,057	15,469	15,003							
47	52	93 535	11 817,068	179 614,192	15,200	14,734							
48	53	92 988	11 241,984	167 797,123	14,926	14,460							
49	54	92 378	10 687,309	156 555,139	14,649	14,183							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 175 085,943	21,838	21,373	50	56	91 395	10 118,261	143 854,728	14,217	13,752
1	7	99 188	94 916,625	2 075 485,549	21,866	21,401	51	57	90 659	9 604,616	133 736,467	13,924	13,459
2	8	99 144	90 789,392	1 980 568,924	21,815	21,349	52	58	89 851	9 109,151	124 131,851	13,627	13,162
3	9	99 119	86 857,683	1 889 779,532	21,757	21,292	53	59	88 971	8 631,507	115 022,700	13,326	12,860
4	10	99 098	83 099,574	1 802 921,849	21,696	21,230	54	60	88 038	8 173,184	106 391,193	13,017	12,551
5	11	99 076	79 503,260	1 719 822,276	21,632	21,166	55	61	86 996	7 728,618	98 218,010	12,708	12,243
6	12	99 056	76 064,830	1 640 319,016	21,565	21,099	56	62	85 904	7 303,028	90 489,392	12,391	11,925
7	13	99 038	72 776,058	1 564 254,186	21,494	21,028	57	63	84 729	6 892,960	83 186,364	12,068	11,603
8	14	99 019	69 628,575	1 491 478,128	21,420	20,955	58	64	83 494	6 499,962	76 293,405	11,738	11,272
9	15	98 997	66 615,562	1 421 849,553	21,344	20,878	59	65	82 160	6 120,696	69 793,442	11,403	10,937
10	16	98 975	63 732,836	1 355 233,991	21,264	20,799	60	66	80 742	5 756,000	63 672,746	11,062	10,596
11	17	98 950	60 973,103	1 291 501,155	21,181	20,716	61	67	79 229	5 404,935	57 916,746	10,716	10,250
12	18	98 923	58 331,553	1 230 528,052	21,095	20,630	62	68	77 632	5 067,913	52 511,811	10,362	9,896
13	19	98 891	55 801,639	1 172 196,499	21,006	20,541	63	69	75 926	4 743,137	47 443,898	10,003	9,537
14	20	98 862	53 382,540	1 116 394,860	20,913	20,447	64	70	74 107	4 430,147	42 700,762	9,639	9,173
15	21	98 824	51 064,569	1 063 012,321	20,817	20,351	65	71	72 169	4 128,519	38 270,614	9,270	8,804
16	22	98 783	48 845,296	1 011 947,752	20,717	20,252	66	72	70 097	3 837,266	34 142,095	8,898	8,432
17	23	98 731	46 717,312	963 102,456	20,616	20,150	67	73	67 861	3 554,933	30 304,829	8,525	8,059
18	24	98 675	44 680,132	916 385,144	20,510	20,044	68	74	65 483	3 282,613	26 749,896	8,149	7,683
19	25	98 598	42 722,631	871 705,012	20,404	19,938	69	75	62 955	3 020,014	23 467,283	7,771	7,305
20	26	98 522	40 851,501	828 982,381	20,293	19,827	70	76	60 222	2 764,493	20 447,269	7,396	6,931
21	27	98 437	39 058,554	788 130,880	20,178	19,713	71	77	57 311	2 517,570	17 682,776	7,024	6,558
22	28	98 356	37 345,887	749 072,326	20,058	19,592	72	78	54 214	2 278,967	15 165,206	6,654	6,189
23	29	98 275	35 708,306	711 726,439	19,932	19,466	73	79	50 886	2 046,967	12 886,239	6,295	5,830
24	30	98 194	34 142,336	676 018,133	19,800	19,334	74	80	47 405	1 824,827	10 839,272	5,940	5,474
25	31	98 110	32 644,307	641 875,797	19,663	19,197	75	81	43 712	1 610,208	9 014,445	5,598	5,133
26	32	98 020	31 209,879	609 231,490	19,520	19,055	76	82	39 898	1 406,430	7 404,237	5,265	4,799
27	33	97 926	29 837,336	578 021,612	19,372	18,907	77	83	35 968	1 213,273	5 997,807	4,943	4,478
28	34	97 829	28 524,079	548 184,276	19,218	18,753	78	84	31 960	1 031,655	4 784,534	4,638	4,172
29	35	97 729	27 267,784	519 660,197	19,058	18,592	79	85	27 949	863,328	3 752,879	4,347	3,881
30	36	97 624	26 065,673	492 392,413	18,890	18,425	80	86	24 016	709,902	2 889,551	4,070	3,605
31	37	97 514	24 915,034	466 326,740	18,717	18,251	81	87	20 222	572,005	2 179,649	3,811	3,345
32	38	97 390	23 811,917	441 411,705	18,537	18,072	82	88	16 563	448,330	1 607,645	3,586	3,120
33	39	97 260	22 756,088	417 599,788	18,351	17,886	83	89	13 292	344,303	1 159,315	3,367	2,902
34	40	97 121	21 745,043	394 843,700	18,158	17,692	84	90	10 402	257,834	815,011	3,161	2,695
35	41	96 974	20 777,020	373 098,657	17,957	17,492	85	91	7 972	189,091	557,177	2,947	2,481
36	42	96 809	19 848,600	352 321,636	17,750	17,285	86	92	5 848	132,742	368,086	2,773	2,307
37	43	96 629	18 958,599	332 473,036	17,537	17,071	87	93	4 147	90,077	235,345	2,613	2,147
38	44	96 432	18 105,150	313 514,437	17,316	16,851	88	94	2 822	58,666	145,268	2,476	2,011
39	45	96 219	17 287,278	295 409,287	17,088	16,623	89	95	1 856	36,926	86,602	2,345	1,880
40	46	95 976	16 501,082	278 122,008	16,855	16,389	90	96	1 172	22,311	49,675	2,227	1,761
41	47	95 697	15 744,524	261 620,926	16,617	16,151	91	97	716	13,045	27,365	2,098	1,632
42	48	95 389	15 018,043	245 876,402	16,372	15,906	92	98	413	7,203	14,319	1,988	1,522
43	49	95 059	14 321,571	230 858,359	16,120	15,654	93	99	225	3,754	7,116	1,896	1,430
44	50	94 677	13 649,880	216 536,788	15,864	15,398	94	100	116	1,857	3,363	1,811	1,345
45	51	94 255	13 003,835	202 886,908	15,602	15,136							
46	52	93 794	12 382,945	189 883,073	15,334	14,869							
47	53	93 276	11 784,325	177 500,128	15,062	14,597							
48	54	92 705	11 207,817	165 715,802	14,786	14,320							
49	55	92 083	10 653,257	154 507,985	14,503	14,038							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 172 164,623	21,811	21,345	50	57	91 048	10 079,884	141 708,935	14,059	13,593
1	8	99 180	94 908,695	2 072 572,214	21,838	21,372	51	58	90 285	9 564,984	131 629,051	13,762	13,296
2	9	99 138	90 783,752	1 977 663,519	21,784	21,319	52	59	89 442	9 067,616	122 064,067	13,462	12,996
3	10	99 113	86 852,168	1 886 879,766	21,725	21,260	53	60	88 546	8 590,262	112 996,451	13,154	12,688
4	11	99 090	83 092,879	1 800 027,598	21,663	21,197	54	61	87 557	8 128,494	104 406,188	12,844	12,379
5	12	99 068	79 496,945	1 716 934,718	21,597	21,132	55	62	86 501	7 684,677	96 277,694	12,529	12,063
6	13	99 049	76 058,999	1 637 437,773	21,529	21,063	56	63	85 365	7 257,203	88 593,018	12,208	11,742
7	14	99 028	72 768,899	1 561 378,774	21,457	20,991	57	64	84 164	6 846,993	81 335,815	11,879	11,413
8	15	99 007	69 619,956	1 488 609,875	21,382	20,916	58	65	82 893	6 453,190	74 488,822	11,543	11,077
9	16	98 984	66 606,532	1 418 989,919	21,304	20,838	59	66	81 524	6 073,307	68 035,632	11,202	10,737
10	17	98 959	63 722,590	1 352 383,388	21,223	20,757	60	67	80 078	5 708,687	61 962,325	10,854	10,388
11	18	98 933	60 962,400	1 288 660,797	21,139	20,673	61	68	78 514	5 356,184	56 253,638	10,503	10,037
12	19	98 902	58 318,811	1 227 698,398	21,051	20,586	62	69	76 871	5 018,272	50 897,454	10,142	9,677
13	20	98 870	55 789,638	1 169 379,587	20,961	20,495	63	70	75 094	4 691,115	45 879,181	9,780	9,314
14	21	98 841	53 371,276	1 113 589,949	20,865	20,399	64	71	73 222	4 377,215	41 188,066	9,410	8,944
15	22	98 803	51 053,532	1 060 218,672	20,767	20,301	65	72	71 206	4 073,433	36 810,851	9,037	8,571
16	23	98 761	48 834,072	1 009 165,140	20,665	20,200	66	73	69 012	3 777,884	32 737,418	8,666	8,200
17	24	98 709	46 706,686	960 331,069	20,561	20,095	67	74	66 685	3 493,307	28 959,535	8,290	7,824
18	25	98 653	44 669,974	913 624,383	20,453	19,987	68	75	64 217	3 219,179	25 466,228	7,911	7,445
19	26	98 576	42 713,111	868 954,409	20,344	19,878	69	76	61 553	2 952,725	22 247,049	7,534	7,069
20	27	98 496	40 840,587	826 241,299	20,231	19,765	70	77	58 696	2 694,419	19 294,324	7,161	6,695
21	28	98 412	39 048,472	785 400,711	20,113	19,648	71	78	55 652	2 444,676	16 599,904	6,790	6,325
22	29	98 331	37 336,187	746 352,239	19,990	19,524	72	79	52 411	2 203,173	14 155,228	6,425	5,959
23	30	98 248	35 698,402	709 016,053	19,861	19,396	73	80	48 975	1 970,102	11 952,055	6,067	5,601
24	31	98 167	34 132,965	673 317,651	19,726	19,261	74	81	45 349	1 745,678	9 981,954	5,718	5,252
25	32	98 078	32 633,664	639 184,685	19,587	19,121	75	82	41 549	1 530,510	8 236,275	5,381	4,916
26	33	97 986	31 199,070	606 551,021	19,441	18,976	76	83	37 630	1 326,449	6 705,765	5,055	4,590
27	34	97 891	29 826,541	575 351,952	19,290	18,824	77	84	33 631	1 134,460	5 379,316	4,742	4,276
28	35	97 789	28 512,503	545 525,411	19,133	18,667	78	85	29 595	955,327	4 244,856	4,443	3,978
29	36	97 687	27 256,164	517 012,908	18,969	18,503	79	86	25 565	789,690	3 289,529	4,166	3,700
30	37	97 579	26 053,518	489 756,744	18,798	18,332	80	87	21 695	641,291	2 499,839	3,898	3,433
31	38	97 463	24 901,912	463 703,226	18,621	18,156	81	88	17 903	506,418	1 858,548	3,670	3,204
32	39	97 333	23 797,879	438 801,314	18,439	17,973	82	89	14 485	392,082	1 352,131	3,449	2,983
33	40	97 192	22 740,085	415 003,435	18,250	17,784	83	90	11 434	296,180	960,049	3,241	2,776
34	41	97 052	21 729,543	392 263,350	18,052	17,586	84	91	8 860	219,624	663,869	3,023	2,557
35	42	96 893	20 759,755	370 533,807	17,849	17,383	85	92	6 592	156,351	444,245	2,841	2,376
36	43	96 718	19 829,825	349 774,052	17,639	17,173	86	93	4 743	107,656	287,894	2,674	2,209
37	44	96 527	18 938,587	329 944,227	17,422	16,956	87	94	3 289	71,442	180,238	2,523	2,057
38	45	96 323	18 084,677	311 005,640	17,197	16,732	88	95	2 186	45,443	108,796	2,394	1,929
39	46	96 089	17 263,896	292 920,963	16,967	16,502	89	96	1 403	27,900	63,354	2,271	1,805
40	47	95 827	16 475,490	275 657,067	16,731	16,266	90	97	863	16,421	35,454	2,159	1,693
41	48	95 531	15 717,201	259 181,577	16,490	16,025	91	98	513	9,341	19,033	2,038	1,572
42	49	95 212	14 990,215	243 464,376	16,242	15,776	92	99	287	5,011	9,692	1,934	1,468
43	50	94 860	14 291,609	228 474,161	15,987	15,521	93	100	152	2,534	4,680	1,847	1,381
44	51	94 456	13 617,988	214 182,552	15,728	15,262							
45	52	94 020	12 971,445	200 564,564	15,462	14,996							
46	53	93 534	12 348,634	187 593,119	15,191	14,726							
47	54	92 993	11 748,511	175 244,485	14,916	14,451							
48	55	92 410	11 172,107	163 495,974	14,634	14,169							
49	56	91 752	10 614,932	152 323,867	14,350	13,884							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 169 037,850	21,781	21,315	50	58	90 672	10 038,291	139 425,533	13,889	13,424
1	9	99 173	94 902,800	2 069 453,762	21,806	21,340	51	59	89 873	9 521,371	129 387,241	13,589	13,124
2	10	99 132	90 777,989	1 974 550,961	21,751	21,286	52	60	89 014	9 024,288	119 865,870	13,283	12,817
3	11	99 105	86 845,172	1 883 772,972	21,691	21,226	53	61	88 062	8 543,292	110 841,582	12,974	12,508
4	12	99 082	83 086,280	1 796 927,800	21,627	21,162	54	62	87 059	8 082,279	102 298,290	12,657	12,191
5	13	99 060	79 490,852	1 713 841,520	21,560	21,095	55	63	85 958	7 636,457	94 216,011	12,338	11,872
6	14	99 039	76 051,517	1 634 350,669	21,490	21,024	56	64	84 796	7 208,807	86 579,553	12,010	11,545
7	15	99 016	72 759,891	1 558 299,152	21,417	20,951	57	65	83 559	6 797,723	79 370,746	11,676	11,210
8	16	98 993	69 610,518	1 485 539,261	21,341	20,875	58	66	82 251	6 403,226	72 573,023	11,334	10,868
9	17	98 968	66 595,824	1 415 928,743	21,262	20,796	59	67	80 854	6 023,386	66 169,797	10,985	10,520
10	18	98 942	63 711,405	1 349 332,919	21,179	20,713	60	68	79 356	5 657,197	60 146,411	10,632	10,166
11	19	98 911	60 949,083	1 285 621,515	21,093	20,628	61	69	77 745	5 303,720	54 489,214	10,274	9,808
12	20	98 881	58 306,269	1 224 672,431	21,004	20,539	62	70	76 028	4 963,234	49 185,494	9,910	9,444
13	21	98 849	55 777,867	1 166 366,162	20,911	20,445	63	71	74 196	4 635,065	44 222,260	9,541	9,075
14	22	98 819	53 359,740	1 110 588,295	20,813	20,348	64	72	72 245	4 318,810	39 587,195	9,166	8,701
15	23	98 780	51 041,800	1 057 228,555	20,713	20,247	65	73	70 105	4 010,396	35 268,385	8,794	8,329
16	24	98 738	48 822,964	1 006 186,755	20,609	20,143	66	74	67 816	3 712,392	31 257,990	8,420	7,954
17	25	98 686	46 696,067	957 363,791	20,502	20,036	67	75	65 396	3 425,802	27 545,598	8,041	7,575
18	26	98 631	44 660,020	910 667,724	20,391	19,926	68	76	62 787	3 147,452	24 119,796	7,663	7,198
19	27	98 550	42 701,699	866 007,705	20,280	19,815	69	77	59 992	2 877,880	20 972,343	7,287	6,822
20	28	98 470	40 830,045	823 306,005	20,164	19,699	70	78	56 996	2 616,405	18 094,464	6,916	6,450
21	29	98 386	39 038,330	782 475,960	20,044	19,578	71	79	53 801	2 363,371	15 478,059	6,549	6,084
22	30	98 303	37 325,831	743 437,630	19,918	19,452	72	80	50 443	2 120,443	13 114,688	6,185	5,719
23	31	98 221	35 688,605	706 111,799	19,785	19,320	73	81	46 851	1 884,652	10 994,246	5,834	5,368
24	32	98 135	34 121,837	670 423,194	19,648	19,182	74	82	43 105	1 659,275	9 109,594	5,490	5,024
25	33	98 044	32 622,362	636 301,357	19,505	19,039	75	83	39 186	1 443,473	7 450,319	5,161	4,696
26	34	97 951	31 187,782	603 678,996	19,356	18,891	76	84	35 185	1 240,284	6 006,846	4,843	4,378
27	35	97 851	29 814,436	572 491,214	19,202	18,736	77	85	31 143	1 050,526	4 766,562	4,537	4,072
28	36	97 748	28 500,353	542 676,777	19,041	18,575	78	86	27 071	873,842	3 716,036	4,253	3,787
29	37	97 642	27 243,454	514 176,425	18,873	18,408	79	87	23 094	713,367	2 842,194	3,984	3,519
30	38	97 527	26 039,796	486 932,971	18,700	18,234	80	88	19 207	567,760	2 128,826	3,750	3,284
31	39	97 405	24 887,230	460 893,175	18,519	18,054	81	89	15 657	442,881	1 561,067	3,525	3,059
32	40	97 264	23 781,143	436 005,945	18,334	17,868	82	90	12 460	337,281	1 118,185	3,315	2,850
33	41	97 123	22 723,876	412 224,802	18,141	17,675	83	91	9 740	252,288	780,904	3,095	2,630
34	42	96 971	21 711,486	389 500,926	17,940	17,474	84	92	7 326	181,597	528,617	2,911	2,445
35	43	96 801	20 740,118	367 789,440	17,733	17,268	85	93	5 346	126,803	347,019	2,737	2,271
36	44	96 615	19 808,893	347 049,322	17,520	17,054	86	94	3 762	85,383	220,216	2,579	2,114
37	45	96 418	18 917,171	327 240,429	17,299	16,833	87	95	2 548	55,339	134,833	2,436	1,971
38	46	96 193	18 060,216	308 323,258	17,072	16,606	88	96	1 652	34,334	79,493	2,315	1,850
39	47	95 940	17 237,121	290 263,042	16,839	16,374	89	97	1 032	20,535	45,159	2,199	1,734
40	48	95 661	16 446,899	273 025,920	16,600	16,135	90	98	618	11,758	24,624	2,094	1,629
41	49	95 354	15 688,078	256 579,022	16,355	15,889	91	99	357	6,499	12,866	1,980	1,514
42	50	95 013	14 958,854	240 890,944	16,104	15,638	92	100	194	3,383	6,367	1,882	1,417
43	51	94 638	14 258,217	225 932,090	15,846	15,380							
44	52	94 221	13 584,068	211 673,873	15,583	15,117							
45	53	93 760	12 935,504	198 089,804	15,314	14,848							
46	54	93 249	12 311,104	185 154,301	15,040	14,574							
47	55	92 696	11 711,078	172 843,197	14,759	14,293							
48	56	92 077	11 131,915	161 132,119	14,475	14,009							
49	57	91 404	10 574,671	150 000,203	14,185	13,719							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 165 696,147	21,749	21,283	50	59	90 259	9 992,520	137 001,200	13,710	13,245
1	10	99 167	94 896,776	2 066 118,243	21,772	21,307	51	60	89 444	9 475,875	127 008,680	13,403	12,938
2	11	99 124	90 770,676	1 971 221,468	21,717	21,251	52	61	88 528	8 974,944	117 532,805	13,096	12,630
3	12	99 097	86 838,274	1 880 450,792	21,655	21,189	53	62	87 561	8 494,719	108 557,860	12,779	12,314
4	13	99 074	83 079,911	1 793 612,517	21,589	21,123	54	63	86 513	8 031,565	100 063,141	12,459	11,993
5	14	99 050	79 483,032	1 710 532,606	21,521	21,055	55	64	85 385	7 585,532	92 031,576	12,133	11,667
6	15	99 027	76 042,102	1 631 049,574	21,449	20,984	56	65	84 186	7 156,934	84 446,044	11,799	11,334
7	16	99 003	72 750,027	1 555 007,472	21,375	20,909	57	66	82 912	6 745,092	77 289,110	11,459	10,993
8	17	98 977	69 599,327	1 482 257,445	21,297	20,831	58	67	81 575	6 350,593	70 544,017	11,108	10,643
9	18	98 950	66 584,134	1 412 658,118	21,216	20,751	59	68	80 125	5 969,057	64 193,424	10,754	10,289
10	19	98 920	63 697,488	1 346 073,984	21,132	20,667	60	69	78 579	5 601,784	58 224,367	10,394	9,928
11	20	98 890	60 935,976	1 282 376,496	21,045	20,579	61	70	76 893	5 245,551	52 622,583	10,032	9,566
12	21	98 860	58 293,967	1 221 440,520	20,953	20,488	62	71	75 120	4 903,932	47 377,033	9,661	9,195
13	22	98 828	55 765,811	1 163 146,553	20,858	20,392	63	72	73 206	4 573,219	42 473,101	9,287	8,822
14	23	98 797	53 347,479	1 107 380,742	20,758	20,292	64	73	71 127	4 251,976	37 899,881	8,913	8,448
15	24	98 758	51 030,190	1 054 033,264	20,655	20,189	65	74	68 889	3 940,874	33 647,906	8,538	8,073
16	25	98 716	48 811,864	1 003 003,074	20,548	20,083	66	75	66 505	3 640,654	29 707,032	8,160	7,694
17	26	98 664	46 685,661	954 191,210	20,439	19,973	67	76	63 939	3 349,471	26 066,378	7,782	7,317
18	27	98 604	44 648,088	907 505,549	20,326	19,860	68	77	61 195	3 067,671	22 716,907	7,405	6,940
19	28	98 524	42 690,677	862 857,460	20,212	19,746	69	78	58 255	2 794,553	19 649,236	7,031	6,566
20	29	98 445	40 819,440	820 166,784	20,093	19,627	70	79	55 101	2 529,388	16 854,683	6,664	6,198
21	30	98 359	39 027,502	779 347,344	19,969	19,504	71	80	51 781	2 274,625	14 325,295	6,298	5,832
22	31	98 276	37 315,588	740 319,841	19,839	19,374	72	81	48 255	2 028,472	12 050,670	5,941	5,475
23	32	98 189	35 676,969	703 004,254	19,705	19,239	73	82	44 532	1 791,370	10 022,198	5,595	5,129
24	33	98 101	34 110,019	667 327,285	19,564	19,098	74	83	40 653	1 564,915	8 230,828	5,260	4,794
25	34	98 009	32 610,559	633 217,265	19,418	18,952	75	84	36 640	1 349,706	6 665,913	4,939	4,473
26	35	97 911	31 175,125	600 606,706	19,266	18,800	76	85	32 582	1 148,521	5 316,206	4,629	4,163
27	36	97 810	29 801,731	569 431,581	19,107	18,642	77	86	28 487	960,921	4 167,686	4,337	3,872
28	37	97 702	28 487,062	539 629,850	18,943	18,477	78	87	24 455	789,387	3 206,765	4,062	3,597
29	38	97 590	27 229,105	511 142,788	18,772	18,306	79	88	20 446	631,572	2 417,378	3,828	3,362
30	39	97 470	26 024,444	483 913,683	18,595	18,129	80	89	16 798	496,527	1 785,807	3,597	3,131
31	40	97 337	24 869,728	457 889,239	18,412	17,946	81	90	13 469	380,980	1 289,279	3,384	2,918
32	41	97 195	23 764,191	433 019,511	18,222	17,756	82	91	10 614	287,297	908,299	3,162	2,696
33	42	97 042	22 704,993	409 255,320	18,025	17,559	83	92	8 053	208,605	621,002	2,977	2,511
34	43	96 880	21 690,949	386 550,327	17,821	17,355	84	93	5 942	147,278	412,396	2,800	2,334
35	44	96 699	20 718,225	364 859,378	17,611	17,145	85	94	4 240	100,570	265,118	2,636	2,171
36	45	96 506	19 786,493	344 141,153	17,393	16,927	86	95	2 914	66,139	164,548	2,488	2,022
37	46	96 288	18 891,584	324 354,660	17,169	16,704	87	96	1 925	41,812	98,409	2,354	1,888
38	47	96 043	18 032,206	305 463,076	16,940	16,474	88	97	1 216	25,270	56,598	2,240	1,774
39	48	95 774	17 207,208	287 430,870	16,704	16,238	89	98	739	14,704	31,327	2,131	1,665
40	49	95 484	16 416,423	270 223,662	16,461	15,995	90	99	430	8,180	16,623	2,032	1,566
41	50	95 154	15 655,257	253 807,239	16,212	15,747	91	100	241	4,387	8,443	1,924	1,459
42	51	94 791	14 923,903	238 151,982	15,958	15,492							
43	52	94 402	14 222,703	223 228,078	15,695	15,230							
44	53	93 960	13 546,429	209 005,375	15,429	14,963							
45	54	93 475	12 896,190	195 458,946	15,156	14,691							
46	55	92 952	12 271,879	182 562,756	14,877	14,411							
47	56	92 363	11 668,947	170 290,877	14,594	14,128							
48	57	91 728	11 089,693	158 621,930	14,304	13,838							
49	58	91 027	10 531,037	147 532,237	14,009	13,544							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 162 127,374	21,714	21,249	50	60	89 828	9 944,773	134 433,842	13,518	13,052
1	11	99 159	94 889,131	2 062 555,793	21,736	21,271	51	61	88 955	9 424,062	124 489,069	13,210	12,744
2	12	99 116	90 763,467	1 967 666,662	21,679	21,213	52	62	88 024	8 923,918	115 065,007	12,894	12,428
3	13	99 089	86 831,618	1 876 903,195	21,615	21,150	53	63	87 012	8 441,417	106 141,090	12,574	12,108
4	14	99 065	83 071,738	1 790 071,577	21,549	21,083	54	64	85 936	7 978,005	97 699,673	12,246	11,781
5	15	99 038	79 473,192	1 706 999,839	21,479	21,013	55	65	84 771	7 530,948	89 721,668	11,914	11,448
6	16	99 013	76 031,794	1 627 526,646	21,406	20,940	56	66	83 534	7 101,522	82 190,719	11,574	11,108
7	17	98 987	72 738,332	1 551 494,853	21,330	20,864	57	67	82 230	6 689,649	75 089,197	11,225	10,759
8	18	98 960	69 587,110	1 478 756,521	21,250	20,785	58	68	80 840	6 293,313	68 399,548	10,869	10,403
9	19	98 929	66 569,589	1 409 169,411	21,168	20,703	59	69	79 340	5 910,589	62 106,235	10,508	10,042
10	20	98 899	63 683,789	1 342 599,822	21,082	20,617	60	70	77 717	5 540,345	56 195,645	10,143	9,677
11	21	98 869	60 923,119	1 278 916,033	20,992	20,527	61	71	75 974	5 182,876	50 655,300	9,774	9,308
12	22	98 838	58 281,367	1 217 992,913	20,898	20,433	62	72	74 117	4 838,499	45 472,425	9,398	8,932
13	23	98 805	55 752,996	1 159 711,546	20,801	20,335	63	73	72 073	4 502,448	40 633,926	9,025	8,559
14	24	98 774	53 335,344	1 103 958,550	20,698	20,233	64	74	69 894	4 178,266	36 131,478	8,647	8,182
15	25	98 735	51 018,588	1 050 623,206	20,593	20,127	65	75	67 558	3 864,720	31 953,212	8,268	7,802
16	26	98 694	48 800,987	999 604,617	20,483	20,018	66	76	65 023	3 559,536	28 088,492	7,891	7,425
17	27	98 638	46 673,189	950 803,631	20,372	19,906	67	77	62 319	3 264,570	24 528,956	7,514	7,048
18	28	98 579	44 636,563	904 130,442	20,255	19,790	68	78	59 423	2 978,849	21 264,386	7,138	6,673
19	29	98 499	42 679,589	859 493,879	20,138	19,673	69	79	56 318	2 701,611	18 285,537	6,768	6,303
20	30	98 418	40 808,118	816 814,291	20,016	19,550	70	80	53 031	2 434,408	15 583,925	6,402	5,936
21	31	98 332	39 016,791	776 006,172	19,889	19,423	71	81	49 535	2 175,967	13 149,518	6,043	5,577
22	32	98 244	37 303,422	736 989,381	19,757	19,291	72	82	45 867	1 928,071	10 973,551	5,691	5,226
23	33	98 155	35 664,613	699 685,959	19,618	19,153	73	83	42 000	1 689,499	9 045,479	5,354	4,888
24	34	98 065	34 097,679	664 021,347	19,474	19,008	74	84	38 013	1 463,260	7 355,981	5,027	4,562
25	35	97 969	32 597,325	629 923,668	19,324	18,859	75	85	33 930	1 249,847	5 892,721	4,715	4,249
26	36	97 869	31 161,840	597 326,343	19,169	18,703	76	86	29 803	1 050,557	4 642,874	4,419	3,954
27	37	97 764	29 787,834	566 164,503	19,007	18,541	77	87	25 733	868,049	3 592,316	4,138	3,673
28	38	97 651	28 472,058	536 376,669	18,839	18,373	78	88	21 651	698,874	2 724,267	3,898	3,432
29	39	97 533	27 213,051	507 904,611	18,664	18,198	79	89	17 881	552,333	2 025,393	3,667	3,201
30	40	97 401	26 006,142	480 691,560	18,484	18,018	80	90	14 450	427,128	1 473,060	3,449	2,983
31	41	97 267	24 852,001	454 685,418	18,296	17,830	81	91	11 473	324,520	1 045,931	3,223	2,757
32	42	97 114	23 744,444	429 833,417	18,102	17,637	82	92	8 776	237,553	721,411	3,037	2,571
33	43	96 950	22 683,515	406 088,973	17,902	17,437	83	93	6 531	169,182	483,858	2,860	2,394
34	44	96 777	21 668,053	383 405,458	17,695	17,229	84	94	4 712	116,809	314,675	2,694	2,228
35	45	96 590	20 694,797	361 737,405	17,480	17,014	85	95	3 284	77,902	197,866	2,540	2,074
36	46	96 376	19 759,730	341 042,608	17,259	16,794	86	96	2 202	49,971	119,964	2,401	1,935
37	47	96 138	18 862,285	321 282,878	17,033	16,567	87	97	1 417	30,774	69,993	2,274	1,809
38	48	95 877	18 000,913	302 420,593	16,800	16,335	88	98	871	18,095	39,219	2,167	1,702
39	49	95 596	17 175,324	284 419,680	16,560	16,094	89	99	514	10,230	21,124	2,065	1,599
40	50	95 284	16 382,079	267 244,357	16,313	15,848	90	100	290	5,523	10,894	1,973	1,507
41	51	94 932	15 618,679	250 862,278	16,062	15,596							
42	52	94 555	14 886,731	235 243,599	15,802	15,337							
43	53	94 141	14 183,294	220 356,868	15,536	15,071							
44	54	93 674	13 505,259	206 173,573	15,266	14,801							
45	55	93 177	12 855,101	192 668,314	14,988	14,522							
46	56	92 618	12 227,730	179 813,213	14,705	14,240							
47	57	92 013	11 624,688	167 585,483	14,416	13,951							
48	58	91 349	11 043,934	155 960,795	14,122	13,656							
49	59	90 612	10 483,019	144 916,861	13,824	13,358							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 158 321,566	21,678	21,212	50	61	89 336	9 890,396	131 719,319	13,318	12,852
1	12	99 151	94 881,595	2 058 758,006	21,698	21,233	51	62	88 449	9 370,482	121 828,923	13,001	12,536
2	13	99 108	90 756,510	1 963 876,411	21,639	21,173	52	63	87 472	8 867,922	112 458,441	12,681	12,216
3	14	99 080	86 823,076	1 873 119,901	21,574	21,108	53	64	86 432	8 385,124	103 590,519	12,354	11,888
4	15	99 052	83 061,455	1 786 296,825	21,506	21,040	54	65	85 317	7 920,597	95 205,395	12,020	11,554
5	16	99 025	79 462,419	1 703 235,371	21,434	20,969	55	66	84 114	7 472,640	87 284,798	11,681	11,215
6	17	98 997	76 019,571	1 623 772,952	21,360	20,894	56	67	82 847	7 043,149	79 812,158	11,332	10,866
7	18	98 969	72 725,563	1 547 753,381	21,282	20,816	57	68	81 489	6 629,311	72 769,008	10,977	10,511
8	19	98 938	69 571,909	1 475 027,818	21,201	20,736	58	69	80 048	6 231,670	66 139,697	10,613	10,148
9	20	98 907	66 555,273	1 405 455,908	21,117	20,652	59	70	78 470	5 845,764	59 908,028	10,248	9,782
10	21	98 878	63 670,353	1 338 900,635	21,029	20,563	60	71	76 788	5 474,148	54 062,264	9,876	9,410
11	22	98 848	60 909,951	1 275 230,282	20,936	20,471	61	72	74 960	5 113,720	48 588,116	9,502	9,036
12	23	98 816	58 267,974	1 214 320,332	20,840	20,375	62	73	72 971	4 763,622	43 474,395	9,126	8,661
13	24	98 783	55 740,315	1 156 052,357	20,740	20,274	63	74	70 824	4 424,396	38 710,773	8,749	8,284
14	25	98 752	53 323,219	1 100 312,042	20,635	20,169	64	75	68 543	4 097,525	34 286,377	8,368	7,902
15	26	98 713	51 007,219	1 046 988,824	20,526	20,061	65	76	66 053	3 778,610	30 188,852	7,989	7,524
16	27	98 667	48 787,949	995 981,605	20,415	19,949	66	77	63 375	3 469,310	26 410,242	7,613	7,147
17	28	98 613	46 661,141	947 193,656	20,299	19,834	67	78	60 514	3 170,046	22 940,932	7,237	6,771
18	29	98 553	44 624,970	900 532,515	20,180	19,714	68	79	57 447	2 879,778	19 770,886	6,865	6,400
19	30	98 471	42 667,751	855 907,545	20,060	19,594	69	80	54 203	2 600,164	16 891,107	6,496	6,031
20	31	98 391	40 796,919	813 239,795	19,934	19,468	70	81	50 731	2 328,820	14 290,943	6,137	5,671
21	32	98 300	39 004,071	772 442,876	19,804	19,339	71	82	47 083	2 068,266	11 962,124	5,784	5,318
22	33	98 210	37 290,502	733 438,805	19,668	19,203	72	83	43 258	1 818,426	9 893,858	5,441	4,975
23	34	98 119	35 651,710	696 148,303	19,526	19,061	73	84	39 272	1 579,750	8 075,432	5,112	4,646
24	35	98 026	34 083,841	660 496,593	19,379	18,913	74	85	35 200	1 354,999	6 495,681	4,794	4,328
25	36	97 927	32 583,434	626 412,752	19,225	18,759	75	86	31 036	1 143,241	5 140,682	4,497	4,031
26	37	97 824	31 147,309	593 829,319	19,065	18,600	76	87	26 922	949,022	3 997,441	4,212	3,747
27	38	97 712	29 772,145	562 682,010	18,900	18,434	77	88	22 783	768,517	3 048,419	3,967	3,501
28	39	97 593	28 455,272	532 909,865	18,728	18,262	78	89	18 934	611,192	2 279,901	3,730	3,265
29	40	97 464	27 193,913	504 454,593	18,550	18,085	79	90	15 382	475,134	1 668,709	3,512	3,046
30	41	97 332	25 987,605	477 260,680	18,365	17,899	80	91	12 308	363,829	1 193,575	3,281	2,815
31	42	97 186	24 831,350	451 273,075	18,174	17,708	81	92	9 486	268,332	829,745	3,092	2,627
32	43	97 022	23 721,983	426 441,726	17,977	17,511	82	93	7 117	192,660	561,414	2,914	2,448
33	44	96 848	22 659,572	402 719,743	17,773	17,307	83	94	5 180	134,182	368,754	2,748	2,283
34	45	96 668	21 643,550	380 060,171	17,560	17,094	84	95	3 650	90,481	234,573	2,593	2,127
35	46	96 459	20 666,806	358 416,621	17,343	16,877	85	96	2 481	58,859	144,091	2,448	1,982
36	47	96 226	19 729,085	337 749,816	17,119	16,654	86	97	1 620	36,779	85,232	2,317	1,852
37	48	95 972	18 829,551	318 020,731	16,889	16,424	87	98	1 014	22,035	48,453	2,199	1,733
38	49	95 699	17 967,558	299 191,180	16,652	16,186	88	99	606	12,589	26,418	2,098	1,633
39	50	95 396	17 139,392	281 223,622	16,408	15,942	89	100	347	6,906	13,829	2,002	1,537
40	51	95 062	16 343,803	264 084,230	16,158	15,692							
41	52	94 695	15 579,776	247 740,428	15,901	15,436							
42	53	94 293	14 845,482	232 160,652	15,638	15,173							
43	54	93 855	14 140,189	217 315,169	15,369	14,903							
44	55	93 376	13 462,229	203 174,980	15,092	14,627							
45	56	92 842	12 808,854	189 712,751	14,811	14,345							
46	57	92 267	12 181,352	176 903,897	14,523	14,057							
47	58	91 633	11 576,721	164 722,545	14,229	13,763							
48	59	90 933	10 993,578	153 145,824	13,930	13,465							
49	60	90 179	10 432,927	142 152,246	13,625	13,160							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 154 270,261	21,639	21,173	50	62	88 828	9 834,164	128 858,503	13,103	12,638
1	13	99 144	94 874,322	2 054 714,608	21,657	21,192	51	63	87 894	9 311,684	119 024,339	12,782	12,317
2	14	99 099	90 747,582	1 959 840,287	21,597	21,131	52	64	86 889	8 808,785	109 712,655	12,455	11,989
3	15	99 067	86 812,328	1 869 092,705	21,530	21,065	53	65	85 810	8 324,786	100 903,870	12,121	11,655
4	16	99 039	83 050,195	1 782 280,377	21,460	20,995	54	66	84 657	7 859,272	92 579,084	11,780	11,314
5	17	99 009	79 449,644	1 699 230,183	21,388	20,922	55	67	83 423	7 411,217	84 719,811	11,431	10,966
6	18	98 980	76 006,227	1 619 780,538	21,311	20,846	56	68	82 100	6 979,622	77 308,594	11,076	10,611
7	19	98 948	72 709,677	1 543 774,312	21,232	20,766	57	69	80 690	6 564,376	70 328,972	10,714	10,248
8	20	98 917	69 556,948	1 471 064,634	21,149	20,683	58	70	79 170	6 163,323	63 764,596	10,346	9,880
9	21	98 887	66 541,231	1 401 507,687	21,062	20,597	59	71	77 532	5 775,918	57 601,273	9,973	9,507
10	22	98 857	63 656,590	1 334 966,456	20,971	20,506	60	72	75 764	5 401,106	51 825,355	9,595	9,130
11	23	98 825	60 895,954	1 271 309,865	20,877	20,411	61	73	73 800	5 034,585	46 424,249	9,221	8,755
12	24	98 793	58 254,721	1 210 413,911	20,778	20,312	62	74	71 706	4 681,043	41 389,664	8,842	8,376
13	25	98 760	55 727,642	1 152 159,191	20,675	20,209	63	75	69 455	4 338,899	36 708,621	8,460	7,995
14	26	98 730	53 311,336	1 096 431,548	20,567	20,101	64	76	67 016	4 006,227	32 369,722	8,080	7,614
15	27	98 687	50 993,592	1 043 120,212	20,456	19,990	65	77	64 378	3 682,831	28 363,495	7,702	7,236
16	28	98 642	48 775,355	992 126,620	20,341	19,875	66	78	61 540	3 368,858	24 680,664	7,326	6,861
17	29	98 587	46 649,021	943 351,265	20,222	19,757	67	79	58 502	3 064,617	21 311,806	6,954	6,489
18	30	98 526	44 612,592	896 702,244	20,100	19,634	68	80	55 290	2 771,641	18 247,189	6,584	6,118
19	31	98 444	42 656,041	852 089,652	19,976	19,510	69	81	51 852	2 487,387	15 475,548	6,222	5,756
20	32	98 358	40 783,618	809 433,611	19,847	19,381	70	82	48 220	2 213,553	12 988,161	5,868	5,402
21	33	98 266	38 990,562	768 649,992	19,714	19,248	71	83	44 405	1 950,648	10 774,608	5,524	5,058
22	34	98 175	37 277,011	729 659,430	19,574	19,108	72	84	40 448	1 700,303	8 823,960	5,190	4,724
23	35	98 080	35 637,241	692 382,420	19,429	18,963	73	85	36 366	1 462,871	7 123,657	4,870	4,404
24	36	97 984	34 069,316	656 745,179	19,277	18,811	74	86	32 198	1 239,424	5 660,786	4,567	4,102
25	37	97 882	32 568,239	622 675,862	19,119	18,653	75	87	28 036	1 032,748	4 421,362	4,281	3,816
26	38	97 772	31 130,903	590 107,623	18,956	18,490	76	88	23 835	840,206	3 388,614	4,033	3,567
27	39	97 655	29 754,592	558 976,720	18,786	18,321	77	89	19 924	672,098	2 548,408	3,792	3,326
28	40	97 524	28 435,261	529 222,128	18,611	18,146	78	90	16 288	525,767	1 876,310	3,569	3,103
29	41	97 395	27 174,530	500 786,867	18,429	17,963	79	91	13 102	404,721	1 350,544	3,337	2,871
30	42	97 251	25 966,010	473 612,338	18,240	17,774	80	92	10 177	300,834	945,822	3,144	2,678
31	43	97 094	24 807,861	447 646,328	18,045	17,579	81	93	7 693	217,621	644,988	2,964	2,498
32	44	96 920	23 696,943	422 838,468	17,844	17,378	82	94	5 645	152,802	427,367	2,797	2,331
33	45	96 738	22 633,948	399 141,524	17,635	17,169	83	95	4 013	103,938	274,565	2,642	2,176
34	46	96 537	21 614,276	376 507,577	17,419	16,954	84	96	2 758	68,363	170,627	2,496	2,030
35	47	96 310	20 634,753	354 893,301	17,199	16,733	85	97	1 826	43,321	102,264	2,361	1,895
36	48	96 059	19 694,847	334 258,548	16,972	16,506	86	98	1 160	26,336	58,943	2,238	1,773
37	49	95 794	18 794,661	314 563,701	16,737	16,271	87	99	706	15,331	32,607	2,127	1,661
38	50	95 499	17 929,968	295 769,041	16,496	16,030	88	100	409	8,499	17,277	2,033	1,567
39	51	95 173	17 099,346	277 839,072	16,249	15,783							
40	52	94 825	16 303,094	260 739,726	15,993	15,528							
41	53	94 433	15 536,607	244 436,633	15,733	15,267							
42	54	94 006	14 800,364	228 900,025	15,466	15,000							
43	55	93 556	14 095,136	214 099,661	15,190	14,724							
44	56	93 040	13 413,798	200 004,525	14,910	14,445							
45	57	92 490	12 760,272	186 590,727	14,623	14,157							
46	58	91 886	12 131,088	173 830,455	14,329	13,864							
47	59	91 215	11 523,936	161 699,367	14,032	13,566							
48	60	90 498	10 941,047	150 175,431	13,726	13,260							
49	61	89 686	10 375,881	139 234,385	13,419	12,953							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 149 963,020	21,597	21,132	50	63	88 271	9 772,457	125 847,614	12,878	12,412
1	14	99 134	94 864,989	2 050 414,999	21,614	21,148	51	64	87 308	9 249,588	116 075,157	12,549	12,084
2	15	99 086	90 736,348	1 955 550,010	21,552	21,086	52	65	86 263	8 745,399	106 825,570	12,215	11,749
3	16	99 054	86 800,559	1 864 813,663	21,484	21,018	53	66	85 145	8 260,332	98 080,171	11,874	11,408
4	17	99 023	83 036,843	1 778 013,103	21,412	20,947	54	67	83 961	7 794,671	89 819,839	11,523	11,058
5	18	98 991	79 435,698	1 694 976,260	21,338	20,872	55	68	82 670	7 344,371	82 025,168	11,168	10,703
6	19	98 958	75 989,624	1 615 540,562	21,260	20,794	56	69	81 296	6 911,256	74 680,797	10,806	10,340
7	20	98 927	72 694,041	1 539 550,938	21,179	20,713	57	70	79 805	6 492,380	67 769,541	10,438	9,973
8	21	98 896	69 542,272	1 466 856,897	21,093	20,627	58	71	78 224	6 089,682	61 277,161	10,062	9,597
9	22	98 865	66 526,848	1 397 314,625	21,004	20,538	59	72	76 498	5 698,850	55 187,479	9,684	9,218
10	23	98 834	63 641,963	1 330 787,777	20,911	20,445	60	73	74 591	5 317,524	49 488,629	9,307	8,841
11	24	98 803	60 882,103	1 267 145,815	20,813	20,347	61	74	72 521	4 947,308	44 171,106	8,928	8,463
12	25	98 771	58 241,476	1 206 263,712	20,711	20,246	62	75	70 320	4 590,586	39 223,797	8,544	8,079
13	26	98 738	55 715,224	1 148 022,235	20,605	20,140	63	76	67 908	4 242,223	34 633,211	8,164	7,698
14	27	98 703	53 297,093	1 092 307,012	20,495	20,029	64	77	65 317	3 904,679	30 390,988	7,783	7,318
15	28	98 662	50 980,429	1 039 009,918	20,381	19,915	65	78	62 514	3 576,197	26 486,309	7,406	6,941
16	29	98 616	48 762,687	988 029,489	20,262	19,796	66	79	59 493	3 256,817	22 910,112	7,035	6,569
17	30	98 560	46 636,083	939 266,803	20,140	19,675	67	80	56 305	2 949,538	19 653,296	6,663	6,198
18	31	98 499	44 600,349	892 630,720	20,014	19,548	68	81	52 892	2 651,426	16 703,757	6,300	5,834
19	32	98 412	42 642,134	848 030,371	19,887	19,422	69	82	49 286	2 364,272	14 052,331	5,944	5,478
20	33	98 324	40 769,493	805 388,237	19,755	19,289	70	83	45 478	2 087,673	11 688,059	5,599	5,133
21	34	98 230	38 976,456	764 618,744	19,617	19,152	71	84	41 521	1 823,936	9 600,386	5,264	4,798
22	35	98 135	37 261,883	725 642,289	19,474	19,009	72	85	37 456	1 574,505	7 776,451	4,939	4,473
23	36	98 038	35 622,054	688 380,406	19,325	18,859	73	86	33 264	1 338,095	6 201,946	4,635	4,169
24	37	97 938	34 053,429	652 758,351	19,169	18,703	74	87	29 086	1 119,635	4 863,851	4,344	3,879
25	38	97 830	32 551,086	618 704,922	19,007	18,542	75	88	24 821	914,332	3 744,216	4,095	3,629
26	39	97 715	31 112,550	586 153,837	18,840	18,374	76	89	20 845	734,792	2 829,884	3,851	3,386
27	40	97 586	29 733,667	555 041,287	18,667	18,201	77	90	17 140	578,159	2 095,092	3,624	3,158
28	41	97 455	28 414,992	525 307,621	18,487	18,021	78	91	13 874	447,850	1 516,932	3,387	2,922
29	42	97 314	27 151,948	496 892,629	18,300	17,835	79	92	10 834	334,646	1 069,083	3,195	2,729
30	43	97 159	25 941,447	469 740,680	18,108	17,642	80	93	8 254	243,982	734,437	3,010	2,545
31	44	96 992	24 781,675	443 799,233	17,908	17,443	81	94	6 102	172,599	490,455	2,842	2,376
32	45	96 810	23 670,146	419 017,559	17,702	17,237	82	95	4 373	118,361	317,856	2,685	2,220
33	46	96 607	22 603,334	395 347,412	17,491	17,025	83	96	3 032	78,531	199,494	2,540	2,075
34	47	96 387	21 580,754	372 744,079	17,272	16,806	84	97	2 030	50,316	120,964	2,404	1,938
35	48	96 142	20 598,943	351 163,325	17,048	16,582	85	98	1 308	31,020	70,648	2,278	1,812
36	49	95 881	19 658,353	330 564,382	16,815	16,350	86	99	807	18,322	39,628	2,163	1,697
37	50	95 593	18 755,341	310 906,029	16,577	16,111	87	100	476	10,350	21,306	2,059	1,593
38	51	95 276	17 888,076	292 150,688	16,332	15,867							
39	52	94 936	17 056,755	274 262,612	16,079	15,614							
40	53	94 562	16 257,920	257 205,857	15,820	15,355							
41	54	94 146	15 489,389	240 947,937	15,556	15,090							
42	55	93 707	14 753,208	225 458,548	15,282	14,816							
43	56	93 219	14 044,428	210 705,340	15,003	14,537							
44	57	92 687	13 362,921	196 660,912	14,717	14,251							
45	58	92 108	12 707,619	183 297,990	14,424	13,959							
46	59	91 467	12 075,775	170 590,371	14,127	13,661							
47	60	90 779	11 468,870	158 514,596	13,821	13,356							
48	61	90 004	10 881,222	147 045,726	13,514	13,048							
49	62	89 176	10 316,889	136 164,504	13,198	12,733							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 145 388,998	21,553	21,088	50	64	87 682	9 707,288	122 686,743	12,639	12,173
1	15	99 122	94 853,245	2 045 850,769	21,569	21,103	51	65	86 680	9 183,030	112 979,455	12,303	11,837
2	16	99 073	90 724,047	1 950 997,524	21,505	21,039	52	66	85 596	8 677,688	103 796,425	11,961	11,496
3	17	99 038	86 786,605	1 860 273,477	21,435	20,969	53	67	84 445	8 192,434	95 118,737	11,611	11,145
4	18	99 006	83 022,267	1 773 486,872	21,362	20,896	54	68	83 204	7 724,366	86 926,303	11,254	10,788
5	19	98 970	79 418,346	1 690 464,605	21,286	20,820	55	69	81 861	7 272,431	79 201,937	10,891	10,425
6	20	98 937	75 973,282	1 611 046,258	21,205	20,740	56	70	80 404	6 835,456	71 929,505	10,523	10,057
7	21	98 906	72 678,703	1 535 072,976	21,121	20,656	57	71	78 852	6 414,808	65 094,050	10,147	9,682
8	22	98 875	69 527,241	1 462 394,273	21,033	20,568	58	72	77 180	6 008,427	58 679,242	9,766	9,301
9	23	98 843	66 511,561	1 392 867,033	20,942	20,476	59	73	75 314	5 610,659	52 670,814	9,388	8,922
10	24	98 812	63 627,487	1 326 355,472	20,846	20,380	60	74	73 298	5 225,342	47 060,155	9,006	8,541
11	25	98 780	60 868,261	1 262 727,985	20,745	20,280	61	75	71 119	4 851,706	41 834,813	8,623	8,157
12	26	98 749	58 228,498	1 201 859,724	20,640	20,175	62	76	68 753	4 488,303	36 983,107	8,240	7,774
13	27	98 712	55 700,339	1 143 631,226	20,532	20,066	63	77	66 187	4 134,693	32 494,804	7,859	7,393
14	28	98 678	53 283,336	1 087 930,887	20,418	19,952	64	78	63 426	3 791,622	28 360,112	7,480	7,014
15	29	98 636	50 967,188	1 034 647,552	20,300	19,835	65	79	60 435	3 457,259	24 568,490	7,106	6,641
16	30	98 589	48 749,162	983 680,364	20,178	19,713	66	80	57 259	3 134,521	21 111,231	6,735	6,269
17	31	98 533	46 623,284	934 931,202	20,053	19,587	67	81	53 863	2 821,608	17 976,710	6,371	5,905
18	32	98 467	44 585,808	888 307,919	19,924	19,458	68	82	50 274	2 520,192	15 155,102	6,013	5,548
19	33	98 378	42 627,365	843 722,111	19,793	19,327	69	83	46 483	2 229,821	12 634,911	5,666	5,201
20	34	98 289	40 754,743	801 094,745	19,656	19,191	70	84	42 524	1 952,060	10 405,090	5,330	4,865
21	35	98 190	38 960,638	760 340,002	19,516	19,050	71	85	38 449	1 688,990	8 453,030	5,005	4,539
22	36	98 093	37 246,003	721 379,364	19,368	18,902	72	86	34 261	1 440,207	6 764,040	4,697	4,231
23	37	97 992	35 605,443	684 133,361	19,214	18,749	73	87	30 049	1 208,770	5 323,833	4,404	3,939
24	38	97 887	34 035,493	648 527,918	19,054	18,589	74	88	25 751	991,256	4 115,063	4,151	3,686
25	39	97 772	32 531,895	614 492,425	18,889	18,423	75	89	21 707	799,618	3 123,807	3,907	3,441
26	40	97 646	31 090,669	581 960,530	18,718	18,253	76	90	17 932	632,091	2 324,189	3,677	3,211
27	41	97 517	29 712,473	550 869,861	18,540	18,074	77	91	14 600	492,478	1 692,098	3,436	2,970
28	42	97 374	28 391,380	521 157,388	18,356	17,891	78	92	11 472	370,307	1 199,620	3,240	2,774
29	43	97 222	27 126,264	492 766,008	18,166	17,700	79	93	8 786	271,403	829,313	3,056	2,590
30	44	97 056	25 914,065	465 639,744	17,969	17,503	80	94	6 546	193,506	557,909	2,883	2,418
31	45	96 882	24 753,651	439 725,680	17,764	17,298	81	95	4 727	133,697	364,403	2,726	2,260
32	46	96 680	23 638,131	414 972,029	17,555	17,090	82	96	3 304	89,428	230,706	2,580	2,114
33	47	96 458	22 568,278	391 333,898	17,340	16,874	83	97	2 231	57,799	141,278	2,444	1,979
34	48	96 220	21 543,302	368 765,620	17,117	16,652	84	98	1 453	36,029	83,479	2,317	1,851
35	49	95 964	20 560,774	347 222,318	16,888	16,422	85	99	910	21,581	47,450	2,199	1,733
36	50	95 681	19 617,226	326 661,544	16,652	16,186	86	100	545	12,369	25,869	2,091	1,626
37	51	95 370	18 711,520	307 044,318	16,409	15,944							
38	52	95 039	17 843,520	288 332,798	16,159	15,693							
39	53	94 673	17 009,494	270 489,278	15,902	15,437							
40	54	94 275	16 208,510	253 479,784	15,639	15,173							
41	55	93 846	15 440,037	237 271,274	15,367	14,902							
42	56	93 370	14 700,133	221 831,237	15,090	14,625							
43	57	92 865	13 991,159	207 131,104	14,804	14,339							
44	58	92 304	13 307,782	193 139,945	14,513	14,048							
45	59	91 688	12 649,677	179 832,163	14,216	13,751							
46	60	91 030	12 018,072	167 182,486	13,911	13,445							
47	61	90 283	11 406,160	155 164,413	13,604	13,138							
48	62	89 492	10 819,357	143 758,253	13,287	12,822							
49	63	88 616	10 252,153	132 938,896	12,967	12,501							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 140 539,632	21,507	21,042	50	65	87 051	9 637,436	119 374,111	12,387	11,921
1	16	99 108	94 840,386	2 041 013,725	21,521	21,055	51	66	86 008	9 111,931	109 736,675	12,043	11,578
2	17	99 057	90 709,462	1 946 173,339	21,455	20,989	52	67	84 892	8 606,359	100 624,744	11,692	11,226
3	18	99 021	86 771,371	1 855 463,876	21,383	20,918	53	68	83 684	8 118,542	92 018,385	11,334	10,869
4	19	98 984	83 004,132	1 768 692,506	21,308	20,843	54	69	82 389	7 648,705	83 899,843	10,969	10,504
5	20	98 948	79 401,267	1 685 688,373	21,230	20,764	55	70	80 963	7 192,670	76 251,138	10,601	10,136
6	21	98 916	75 957,253	1 606 287,107	21,147	20,682	56	71	79 444	6 753,784	69 058,468	10,225	9,760
7	22	98 884	72 662,994	1 530 329,854	21,061	20,595	57	72	77 800	6 329,215	62 304,684	9,844	9,378
8	23	98 852	69 511,264	1 457 666,860	20,970	20,505	58	73	75 986	5 915,446	55 975,469	9,463	8,997
9	24	98 820	66 496,432	1 388 155,597	20,876	20,410	59	74	74 008	5 513,396	50 060,023	9,080	8,614
10	25	98 789	63 613,021	1 321 659,165	20,777	20,311	60	75	71 882	5 124,367	44 546,627	8,693	8,227
11	26	98 758	60 854,697	1 258 046,144	20,673	20,207	61	76	69 535	4 743,605	39 422,260	8,311	7,845
12	27	98 722	58 212,942	1 197 191,447	20,566	20,100	62	77	67 010	4 374,535	34 678,655	7,927	7,462
13	28	98 686	55 685,961	1 138 978,505	20,454	19,988	63	78	64 270	4 014,976	30 304,121	7,548	7,082
14	29	98 652	53 269,496	1 083 292,544	20,336	19,870	64	79	61 317	3 665,519	26 289,145	7,172	6,706
15	30	98 609	50 953,051	1 030 023,048	20,215	19,750	65	80	58 166	3 327,437	22 623,625	6,799	6,334
16	31	98 562	48 735,783	979 069,997	20,089	19,624	66	81	54 776	2 998,567	19 296,188	6,435	5,970
17	32	98 500	46 608,083	930 334,214	19,961	19,495	67	82	51 197	2 681,950	16 297,622	6,077	5,611
18	33	98 433	44 570,366	883 726,130	19,828	19,362	68	83	47 415	2 376,874	13 615,672	5,728	5,263
19	34	98 342	42 611,943	839 155,764	19,693	19,227	69	84	43 463	2 084,974	11 238,798	5,390	4,925
20	35	98 249	40 738,204	796 543,821	19,553	19,087	70	85	39 378	1 807,635	9 153,824	5,064	4,598
21	36	98 148	38 944,035	755 805,617	19,407	18,942	71	86	35 169	1 544,927	7 346,189	4,755	4,289
22	37	98 047	37 228,635	716 861,583	19,256	18,790	72	87	30 950	1 301,013	5 801,262	4,459	3,993
23	38	97 940	35 586,690	679 632,948	19,098	18,632	73	88	26 604	1 070,171	4 500,250	4,205	3,740
24	39	97 829	34 015,427	644 046,258	18,934	18,468	74	89	22 520	866,891	3 430,079	3,957	3,491
25	40	97 704	32 509,016	610 030,831	18,765	18,299	75	90	18 673	687,856	2 563,188	3,726	3,261
26	41	97 576	31 068,508	577 521,815	18,589	18,123	76	91	15 274	538,417	1 875,331	3,483	3,017
27	42	97 436	29 687,782	546 453,307	18,407	17,941	77	92	12 072	407,208	1 336,914	3,283	2,818
28	43	97 282	28 364,523	516 765,524	18,219	17,753	78	93	9 304	300,325	929,706	3,096	2,630
29	44	97 119	27 097,631	488 401,001	18,024	17,558	79	94	6 969	215,255	629,380	2,924	2,458
30	45	96 947	25 884,760	461 303,371	17,821	17,356	80	95	5 071	149,891	414,126	2,763	2,297
31	46	96 751	24 720,170	435 418,610	17,614	17,148	81	96	3 571	101,015	264,234	2,616	2,150
32	47	96 530	23 601,470	410 698,440	17,401	16,936	82	97	2 432	65,820	163,219	2,480	2,014
33	48	96 290	22 529,112	387 096,970	17,182	16,716	83	98	1 598	41,387	97,399	2,353	1,888
34	49	96 042	21 503,383	364 567,857	16,954	16,488	84	99	1 011	25,066	56,012	2,235	1,769
35	50	95 764	20 517,760	343 064,474	16,720	16,255	85	100	614	14,569	30,947	2,124	1,658
36	51	95 457	19 571,391	322 546,715	16,481	16,015							
37	52	95 132	18 664,913	302 975,323	16,232	15,767							
38	53	94 775	17 794,079	284 310,410	15,978	15,512							
39	54	94 385	16 957,799	266 516,331	15,716	15,251							
40	55	93 974	16 156,867	249 558,533	15,446	14,980							
41	56	93 508	15 384,491	233 401,666	15,171	14,706							
42	57	93 015	14 644,377	218 017,175	14,887	14,422							
43	58	92 482	13 933,428	203 372,798	14,596	14,130							
44	59	91 884	13 247,103	189 439,370	14,300	13,835							
45	60	91 250	12 589,232	176 192,266	13,995	13,530							
46	61	90 532	11 952,359	163 603,034	13,688	13,222							
47	62	89 770	11 341,310	151 650,675	13,372	12,906							
48	63	88 930	10 751,468	140 309,365	13,050	12,585							
49	64	88 025	10 183,785	129 557,896	12,722	12,256							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 135 406,545	21,459	20,993	50	66	86 377	9 562,819	115 909,329	12,121	11,655
1	17	99 092	94 825,140	2 035 894,131	21,470	21,004	51	67	85 301	9 037,033	106 346,510	11,768	11,302
2	18	99 040	90 693,539	1 941 068,991	21,403	20,937	52	68	84 126	8 528,733	97 309,477	11,410	10,944
3	19	98 999	86 752,417	1 850 375,452	21,329	20,864	53	69	82 864	8 039,019	88 780,744	11,044	10,578
4	20	98 963	82 986,282	1 763 623,035	21,252	20,786	54	70	81 485	7 564,816	80 741,725	10,673	10,208
5	21	98 928	79 384,514	1 680 636,753	21,171	20,705	55	71	79 996	7 106,730	73 176,908	10,297	9,831
6	22	98 895	75 940,835	1 601 252,239	21,086	20,620	56	72	78 384	6 663,669	66 070,178	9,915	9,449
7	23	98 862	72 646,296	1 525 311,405	20,996	20,531	57	73	76 596	6 231,270	59 406,510	9,534	9,068
8	24	98 830	69 495,453	1 452 665,108	20,903	20,437	58	74	74 669	5 812,899	53 175,240	9,148	8,682
9	25	98 798	66 481,314	1 383 169,656	20,805	20,340	59	75	72 578	5 406,855	47 362,340	8,760	8,294
10	26	98 767	63 598,845	1 316 688,342	20,703	20,237	60	76	70 280	5 010,190	41 955,486	8,374	7,908
11	27	98 732	60 838,439	1 253 089,497	20,597	20,131	61	77	67 772	4 623,365	36 945,295	7,991	7,525
12	28	98 697	58 197,915	1 192 251,057	20,486	20,021	62	78	65 070	4 247,873	32 321,930	7,609	7,143
13	29	98 661	55 671,498	1 134 053,142	20,370	19,905	63	79	62 133	3 881,445	28 074,057	7,233	6,767
14	30	98 625	53 254,721	1 078 381,645	20,250	19,784	64	80	59 014	3 527,877	24 192,612	6,858	6,392
15	31	98 581	50 939,068	1 025 126,924	20,125	19,659	65	81	55 643	3 183,115	20 664,735	6,492	6,026
16	32	98 530	48 719,894	974 187,856	19,996	19,530	66	82	52 065	2 850,151	17 481,620	6,134	5,668
17	33	98 466	46 591,941	925 467,962	19,863	19,398	67	83	48 285	2 529,433	14 631,469	5,784	5,319
18	34	98 397	44 554,241	878 876,021	19,726	19,260	68	84	44 335	2 222,474	12 102,036	5,445	4,980
19	35	98 303	42 594,650	834 321,780	19,587	19,122	69	85	40 248	1 930,715	9 879,562	5,117	4,651
20	36	98 207	40 720,843	791 727,130	19,443	18,977	70	86	36 019	1 653,452	7 948,847	4,807	4,342
21	37	98 103	38 925,875	751 006,287	19,293	18,828	71	87	31 770	1 395,612	6 295,395	4,511	4,045
22	38	97 996	37 209,027	712 080,412	19,137	18,672	72	88	27 401	1 151,837	4 899,782	4,254	3,788
23	39	97 883	35 565,709	674 871,386	18,975	18,510	73	89	23 266	935,905	3 747,946	4,005	3,539
24	40	97 760	33 991,505	639 305,677	18,808	18,342	74	90	19 372	745,727	2 812,041	3,771	3,305
25	41	97 634	32 485,844	605 314,172	18,633	18,168	75	91	15 906	585,918	2 066,314	3,527	3,061
26	42	97 495	31 042,691	572 828,328	18,453	17,987	76	92	12 630	445,193	1 480,396	3,325	2,860
27	43	97 343	29 659,699	541 785,637	18,267	17,801	77	93	9 790	330,253	1 035,202	3,135	2,669
28	44	97 179	28 334,583	512 125,938	18,074	17,609	78	94	7 379	238,193	704,949	2,960	2,494
29	45	97 009	27 066,988	483 791,355	17,874	17,408	79	95	5 398	166,738	466,756	2,799	2,334
30	46	96 816	25 849,750	456 724,366	17,668	17,203	80	96	3 831	113,251	300,018	2,649	2,184
31	47	96 601	24 681,831	430 874,617	17,457	16,992	81	97	2 628	74,348	186,768	2,512	2,046
32	48	96 362	23 560,512	406 192,786	17,240	16,775	82	98	1 741	47,130	112,420	2,385	1,920
33	49	96 112	22 487,367	382 632,274	17,015	16,550	83	99	1 112	28,794	65,290	2,267	1,802
34	50	95 841	21 458,397	360 144,907	16,783	16,318	84	100	683	16,922	36,496	2,157	1,691
35	51	95 540	20 469,821	338 686,511	16,546	16,080							
36	52	95 219	19 522,643	318 216,690	16,300	15,834							
37	53	94 869	18 613,196	298 694,047	16,047	15,582							
38	54	94 487	17 739,999	280 080,851	15,788	15,322							
39	55	94 085	16 903,769	262 340,852	15,520	15,054							
40	56	93 636	16 098,742	245 437,083	15,246	14,780							
41	57	93 154	15 326,139	229 338,341	14,964	14,498							
42	58	92 632	14 583,950	214 012,202	14,675	14,209							
43	59	92 061	13 869,896	199 428,251	14,378	13,913							
44	60	91 444	13 183,804	185 558,355	14,075	13,609							
45	61	90 751	12 520,396	172 374,551	13,767	13,302							
46	62	90 017	11 884,404	159 854,155	13,451	12,985							
47	63	89 206	11 270,146	147 969,751	13,129	12,664							
48	64	88 337	10 679,771	136 699,605	12,800	12,334							
49	65	87 392	10 110,505	126 019,834	12,464	11,999							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 129 979,712	21,408	20,942	50	67	85 667	9 484,215	112 292,239	11,840	11,374
1	18	99 075	94 808,494	2 030 483,295	21,417	20,951	51	68	84 532	8 955,522	102 808,024	11,480	11,014
2	19	99 018	90 673,729	1 935 674,801	21,348	20,882	52	69	83 302	8 445,193	93 852,502	11,113	10,648
3	20	98 978	86 733,760	1 845 001,072	21,272	20,806	53	70	81 955	7 950,850	85 407,309	10,742	10,276
4	21	98 942	82 968,772	1 758 267,312	21,192	20,726	54	71	80 511	7 474,430	77 456,459	10,363	9,897
5	22	98 906	79 367,355	1 675 298,540	21,108	20,643	55	72	78 928	7 011,905	69 982,028	9,980	9,515
6	23	98 872	75 923,384	1 595 931,184	21,020	20,555	56	73	77 171	6 560,547	62 970,123	9,598	9,133
7	24	98 839	72 629,772	1 520 007,801	20,928	20,463	57	74	75 268	6 123,248	56 409,576	9,212	8,747
8	25	98 807	69 479,653	1 447 378,028	20,832	20,366	58	75	73 226	5 700,571	50 286,328	8,821	8,356
9	26	98 776	66 466,499	1 377 898,375	20,731	20,265	59	76	70 961	5 286,384	44 585,757	8,434	7,968
10	27	98 741	63 581,854	1 311 431,876	20,626	20,160	60	77	68 499	4 883,194	39 299,373	8,048	7,582
11	28	98 706	60 822,735	1 247 850,022	20,516	20,051	61	78	65 810	4 489,499	34 416,180	7,666	7,200
12	29	98 671	58 182,799	1 187 027,287	20,402	19,936	62	79	62 906	4 106,597	29 926,681	7,287	6,822
13	30	98 633	55 656,056	1 128 844,488	20,283	19,817	63	80	59 800	3 735,694	25 820,084	6,912	6,446
14	31	98 598	53 240,106	1 073 188,432	20,158	19,692	64	81	56 454	3 374,862	22 084,390	6,544	6,078
15	32	98 549	50 922,460	1 019 948,326	20,029	19,564	65	82	52 889	3 025,565	18 709,528	6,184	5,718
16	33	98 496	48 703,020	969 025,866	19,897	19,431	66	83	49 104	2 688,069	15 683,963	5,835	5,369
17	34	98 431	46 575,084	920 322,845	19,760	19,294	67	84	45 149	2 365,124	12 995,895	5,495	5,029
18	35	98 357	44 536,160	873 747,761	19,619	19,153	68	85	41 055	2 058,043	10 630,771	5,165	4,700
19	36	98 261	42 576,498	829 211,601	19,476	19,010	69	86	36 815	1 766,034	8 572,728	4,854	4,389
20	37	98 161	40 701,854	786 635,103	19,327	18,861	70	87	32 538	1 493,648	6 806,694	4,557	4,091
21	38	98 051	38 905,372	745 933,249	19,173	18,707	71	88	28 127	1 235,589	5 313,046	4,300	3,834
22	39	97 938	37 187,089	707 027,876	19,013	18,547	72	89	23 963	1 007,325	4 077,457	4,048	3,582
23	40	97 814	35 540,697	669 840,787	18,847	18,382	73	90	20 014	805,095	3 070,132	3,813	3,348
24	41	97 690	33 967,276	634 300,090	18,674	18,208	74	91	16 502	635,213	2 265,038	3,566	3,100
25	42	97 553	32 458,849	600 332,814	18,495	18,030	75	92	13 152	484,470	1 629,825	3,364	2,899
26	43	97 403	31 013,326	567 873,965	18,311	17,845	76	93	10 243	361,059	1 145,355	3,172	2,707
27	44	97 241	29 628,392	536 860,639	18,120	17,654	77	94	7 765	261,929	784,296	2,994	2,529
28	45	97 069	28 302,542	507 232,247	17,922	17,456	78	95	5 716	184,506	522,367	2,831	2,366
29	46	96 878	27 030,378	478 929,705	17,718	17,253	79	96	4 078	125,979	337,860	2,682	2,216
30	47	96 665	25 809,659	451 899,327	17,509	17,043	80	97	2 820	83,354	211,881	2,542	2,076
31	48	96 434	24 638,998	426 089,668	17,293	16,828	81	98	1 882	53,236	128,527	2,414	1,949
32	49	96 183	23 516,855	401 450,670	17,071	16,605	82	99	1 211	32,789	75,291	2,296	1,831
33	50	95 911	22 440,322	377 933,815	16,842	16,376	83	100	750	19,438	42,502	2,186	1,721
34	51	95 617	21 408,260	355 493,494	16,605	16,140							
35	52	95 302	20 418,835	334 085,234	16,362	15,896							
36	53	94 955	19 468,549	313 666,399	16,111	15,646							
37	54	94 581	18 556,627	294 197,850	15,854	15,388							
38	55	94 186	17 683,477	275 641,223	15,588	15,122							
39	56	93 746	16 842,957	257 957,746	15,315	14,850							
40	57	93 281	16 037,681	241 114,789	15,034	14,569							
41	58	92 769	15 262,900	225 077,108	14,747	14,281							
42	59	92 209	14 517,453	209 814,209	14,453	13,987							
43	60	91 621	13 803,621	195 296,756	14,148	13,683							
44	61	90 944	13 111,717	181 493,135	13,842	13,376							
45	62	90 235	12 449,212	168 381,418	13,525	13,060							
46	63	89 453	11 809,832	155 932,207	13,204	12,738							
47	64	88 611	11 194,990	144 122,374	12,874	12,408							
48	65	87 702	10 602,921	132 927,385	12,537	12,071							
49	66	86 715	10 032,225	122 324,464	12,193	11,728							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 124 250,156	21,354	20,888	50	68	84 895	9 398,671	108 521,971	11,547	11,081
1	19	99 053	94 787,785	2 024 771,205	21,361	20,895	51	69	83 704	8 867,801	99 123,300	11,178	10,712
2	20	98 997	90 654,229	1 929 983,420	21,290	20,824	52	70	82 389	8 352,569	90 255,499	10,806	10,340
3	21	98 957	86 715,460	1 839 329,191	21,211	20,745	53	71	80 976	7 855,852	81 902,930	10,426	9,960
4	22	98 920	82 950,839	1 752 613,731	21,128	20,663	54	72	79 437	7 374,699	74 047,078	10,041	9,575
5	23	98 883	79 349,117	1 669 662,892	21,042	20,576	55	73	77 707	6 903,395	66 672,379	9,658	9,192
6	24	98 850	75 906,115	1 590 313,775	20,951	20,485	56	74	75 833	6 446,818	59 768,984	9,271	8,805
7	25	98 817	72 613,260	1 514 407,660	20,856	20,390	57	75	73 814	6 004,922	53 322,167	8,880	8,414
8	26	98 785	69 464,170	1 441 794,400	20,756	20,290	58	76	71 594	5 573,555	47 317,245	8,490	8,024
9	27	98 749	66 448,742	1 372 330,231	20,652	20,187	59	77	69 162	5 152,386	41 743,689	8,102	7,636
10	28	98 715	63 565,442	1 305 881,489	20,544	20,078	60	78	66 515	4 741,804	36 591,303	7,717	7,251
11	29	98 681	60 806,937	1 242 316,047	20,430	19,965	61	79	63 621	4 340,187	31 849,499	7,338	6,873
12	30	98 644	58 166,661	1 181 509,110	20,312	19,847	62	80	60 544	3 952,392	27 509,312	6,960	6,495
13	31	98 606	55 640,782	1 123 342,448	20,189	19,724	63	81	57 206	3 573,666	23 556,921	6,592	6,126
14	32	98 566	53 222,748	1 067 701,666	20,061	19,595	64	82	53 660	3 207,820	19 983,255	6,230	5,764
15	33	98 515	50 904,824	1 014 478,918	19,929	19,463	65	83	49 881	2 853,507	16 775,435	5,879	5,413
16	34	98 460	48 685,400	963 574,094	19,792	19,326	66	84	45 914	2 513,454	13 921,928	5,539	5,073
17	35	98 391	46 556,183	914 888,695	19,651	19,186	67	85	41 808	2 190,138	11 408,474	5,209	4,743
18	36	98 315	44 517,180	868 332,511	19,506	19,040	68	86	37 553	1 882,501	9 218,336	4,897	4,431
19	37	98 215	42 556,644	823 815,331	19,358	18,892	69	87	33 257	1 595,349	7 335,835	4,598	4,133
20	38	98 110	40 680,417	781 258,687	19,205	18,739	70	88	28 807	1 322,384	5 740,485	4,341	3,875
21	39	97 993	38 882,435	740 578,270	19,047	18,581	71	89	24 599	1 080,570	4 418,101	4,089	3,623
22	40	97 869	37 160,937	701 695,835	18,883	18,417	72	90	20 614	866,532	3 337,531	3,852	3,386
23	41	97 744	35 515,364	664 534,898	18,711	18,246	73	91	17 048	685,782	2 470,999	3,603	3,138
24	42	97 609	33 939,050	629 019,534	18,534	18,068	74	92	13 644	525,229	1 785,217	3,399	2,933
25	43	97 461	32 428,145	595 080,484	18,351	17,885	75	93	10 666	392,913	1 259,988	3,207	2,741
26	44	97 300	30 980,590	562 652,339	18,161	17,696	76	94	8 124	286,362	867,074	3,028	2,562
27	45	97 131	29 594,887	531 671,749	17,965	17,499	77	95	6 015	202,892	580,712	2,862	2,397
28	46	96 938	28 264,261	502 076,862	17,764	17,298	78	96	4 319	139,404	377,819	2,710	2,245
29	47	96 728	26 988,457	473 812,601	17,556	17,091	79	97	3 002	92,722	238,415	2,571	2,106
30	48	96 498	25 764,868	446 824,145	17,342	16,877	80	98	2 019	59,685	145,693	2,441	1,975
31	49	96 255	24 593,343	421 059,277	17,121	16,655	81	99	1 309	37,038	86,009	2,322	1,857
32	50	95 982	23 467,656	396 465,934	16,894	16,429	82	100	818	22,136	48,971	2,212	1,747
33	51	95 687	22 387,891	372 998,278	16,661	16,195							
34	52	95 379	21 354,936	350 610,387	16,418	15,953							
35	53	95 038	20 362,258	329 255,451	16,170	15,704							
36	54	94 667	19 409,380	308 893,193	15,915	15,449							
37	55	94 279	18 497,503	289 483,813	15,650	15,184							
38	56	93 847	17 619,860	270 986,310	15,380	14,914							
39	57	93 391	16 779,073	253 366,450	15,100	14,635							
40	58	92 896	15 971,505	236 587,377	14,813	14,347							
41	59	92 346	15 193,306	220 615,871	14,521	14,055							
42	60	91 769	14 448,083	205 422,565	14,218	13,752							
43	61	91 120	13 728,145	190 974,482	13,911	13,446							
44	62	90 427	13 037,170	177 246,338	13,595	13,130							
45	63	89 669	12 371,096	164 209,167	13,274	12,808							
46	64	88 856	11 731,077	151 838,072	12,943	12,478							
47	65	87 974	11 114,433	140 106,995	12,606	12,140							
48	66	87 023	10 520,829	128 992,562	12,261	11,795							
49	67	86 002	9 949,762	118 471,734	11,907	11,441							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 118 207,488	21,298	20,832	50	69	84 063	9 306,609	104 600,808	11,239	10,774
1	20	99 032	94 767,400	2 018 750,267	21,302	20,837	51	70	82 786	8 770,542	95 294,199	10,865	10,400
2	21	98 976	90 635,102	1 923 982,867	21,228	20,762	52	71	81 404	8 252,771	86 523,657	10,484	10,019
3	22	98 935	86 696,717	1 833 347,765	21,147	20,681	53	72	79 896	7 751,031	78 270,886	10,098	9,633
4	23	98 898	82 931,777	1 746 651,048	21,061	20,596	54	73	78 208	7 260,575	70 519,855	9,713	9,247
5	24	98 861	79 331,069	1 663 719,271	20,972	20,506	55	74	76 360	6 783,722	63 259,280	9,325	8,860
6	25	98 827	75 888,857	1 584 388,202	20,878	20,412	56	75	74 367	6 322,239	56 475,558	8,933	8,467
7	26	98 795	72 597,078	1 508 499,345	20,779	20,313	57	76	72 169	5 871,125	50 153,319	8,542	8,077
8	27	98 759	69 445,612	1 435 902,266	20,677	20,211	58	77	69 779	5 432,279	44 282,194	8,152	7,686
9	28	98 724	66 431,589	1 366 456,655	20,569	20,104	59	78	67 160	5 003,202	38 849,916	7,765	7,299
10	29	98 690	63 548,932	1 300 025,065	20,457	19,991	60	79	64 303	4 584,101	33 846,713	7,384	6,918
11	30	98 653	60 790,072	1 236 476,134	20,340	19,874	61	80	61 232	4 177,210	29 262,612	7,005	6,540
12	31	98 617	58 150,698	1 175 686,062	20,218	19,752	62	81	57 918	3 780,964	25 085,402	6,635	6,169
13	32	98 574	55 622,642	1 117 535,364	20,091	19,626	63	82	54 374	3 396,784	21 304,439	6,272	5,806
14	33	98 531	53 204,315	1 061 912,722	19,959	19,494	64	83	50 609	3 025,398	17 907,654	5,919	5,453
15	34	98 480	50 886,407	1 008 708,407	19,823	19,357	65	84	46 641	2 668,146	14 882,256	5,578	5,112
16	35	98 420	48 665,642	957 822,000	19,682	19,216	66	85	42 517	2 327,494	12 214,110	5,248	4,782
17	36	98 349	46 536,343	909 156,358	19,536	19,071	67	86	38 242	2 003,329	9 886,616	4,935	4,469
18	37	98 269	44 496,421	862 620,015	19,386	18,921	68	87	33 923	1 700,560	7 883,286	4,636	4,170
19	38	98 163	42 534,230	818 123,594	19,234	18,769	69	88	29 443	1 412,424	6 182,726	4,377	3,912
20	39	98 052	40 656,433	775 589,364	19,077	18,611	70	89	25 193	1 156,475	4 770,302	4,125	3,659
21	40	97 924	38 855,091	734 932,931	18,915	18,449	71	90	21 160	929,540	3 613,827	3,888	3,422
22	41	97 799	37 134,449	696 077,841	18,745	18,279	72	91	17 559	738,115	2 684,287	3,637	3,171
23	42	97 663	35 485,851	658 943,392	18,569	18,104	73	92	14 096	567,043	1 946,172	3,432	2,967
24	43	97 517	33 906,946	623 457,541	18,387	17,922	74	93	11 066	425,970	1 379,129	3,238	2,772
25	44	97 358	32 393,915	589 550,595	18,199	17,734	75	94	8 460	311,626	953,159	3,059	2,593
26	45	97 190	30 945,556	557 156,680	18,004	17,539	76	95	6 293	221,819	641,533	2,892	2,427
27	46	96 999	29 554,858	526 211,123	17,805	17,339	77	96	4 544	153,296	419,715	2,738	2,272
28	47	96 788	28 220,425	496 656,265	17,599	17,134	78	97	3 179	102,603	266,419	2,597	2,131
29	48	96 560	26 941,620	468 435,840	17,387	16,921	79	98	2 149	66,393	163,816	2,467	2,002
30	49	96 319	25 717,127	441 494,220	17,167	16,702	80	99	1 405	41,524	97,423	2,346	1,881
31	50	96 053	24 541,892	415 777,093	16,942	16,476	81	100	884	25,004	55,899	2,236	1,770
32	51	95 758	23 412,825	391 235,201	16,710	16,245							
33	52	95 448	22 332,127	367 822,376	16,471	16,005							
34	53	95 115	21 295,765	345 490,249	16,223	15,758							
35	54	94 749	20 300,373	324 194,483	15,970	15,504							
36	55	94 365	19 347,539	303 894,111	15,707	15,242							
37	56	93 940	18 430,957	284 546,571	15,439	14,973							
38	57	93 491	17 553,030	266 115,614	15,161	14,695							
39	58	93 005	16 709,838	248 562,584	14,875	14,410							
40	59	92 473	15 898,681	231 852,746	14,583	14,118							
41	60	91 905	15 120,707	215 954,065	14,282	13,816							
42	61	91 267	14 369,083	200 833,358	13,977	13,511							
43	62	90 602	13 650,094	186 464,276	13,660	13,195							
44	63	89 860	12 955,365	172 814,182	13,339	12,874							
45	64	89 071	12 288,597	159 858,817	13,009	12,543							
46	65	88 217	11 646,662	147 570,219	12,671	12,205							
47	66	87 293	11 028,380	135 923,557	12,325	11,859							
48	67	86 307	10 434,350	124 895,177	11,970	11,504							
49	68	85 227	9 860,019	114 460,828	11,609	11,143							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 111 843,846	21,238	20,773	50	70	83 141	9 204,538	100 530,762	10,922	10,456
1	21	99 011	94 747,405	2 012 408,014	21,240	20,774	51	71	81 797	8 665,750	91 326,224	10,539	10,073
2	22	98 954	90 615,511	1 917 660,609	21,163	20,697	52	72	80 318	8 142,654	82 660,474	10,152	9,686
3	23	98 913	86 676,795	1 827 045,097	21,079	20,613	53	73	78 659	7 631,083	74 517,820	9,765	9,299
4	24	98 875	82 912,914	1 740 368,303	20,990	20,525	54	74	76 852	7 134,710	66 886,737	9,375	8,909
5	25	98 838	79 313,033	1 657 455,389	20,898	20,432	55	75	74 884	6 652,633	59 752,028	8,982	8,516
6	26	98 805	75 871,946	1 578 142,356	20,800	20,334	56	76	72 711	6 181,372	53 099,395	8,590	8,125
7	27	98 768	72 577,684	1 502 270,410	20,699	20,233	57	77	70 340	5 722,306	46 918,023	8,199	7,734
8	28	98 733	69 427,686	1 429 692,727	20,593	20,127	58	78	67 759	5 274,991	41 195,717	7,810	7,344
9	29	98 698	66 414,335	1 360 265,041	20,481	20,016	59	79	64 926	4 836,805	35 920,726	7,427	6,961
10	30	98 662	63 531,306	1 293 850,706	20,366	19,900	60	80	61 888	4 411,965	31 083,921	7,045	6,580
11	31	98 626	60 773,388	1 230 319,400	20,244	19,779	61	81	58 576	3 996,031	26 671,956	6,675	6,209
12	32	98 585	58 131,739	1 169 546,012	20,119	19,653	62	82	55 051	3 593,822	22 675,925	6,310	5,844
13	33	98 540	55 603,377	1 111 414,273	19,988	19,523	63	83	51 282	3 203,616	19 082,103	5,956	5,491
14	34	98 496	53 185,066	1 055 810,895	19,852	19,386	64	84	47 321	2 828,871	15 878,487	5,613	5,147
15	35	98 440	50 865,756	1 002 625,829	19,711	19,246	65	85	43 190	2 470,741	13 049,615	5,282	4,816
16	36	98 378	48 644,903	951 760,073	19,565	19,100	66	86	38 891	2 128,970	10 578,874	4,969	4,503
17	37	98 303	46 514,642	903 115,170	19,416	18,950	67	87	34 546	1 809,710	8 449,904	4,669	4,204
18	38	98 218	44 472,985	856 600,528	19,261	18,796	68	88	30 034	1 505,571	6 640,194	4,410	3,945
19	39	98 105	42 509,153	812 127,543	19,105	18,639	69	89	25 749	1 235,218	5 134,623	4,157	3,691
20	40	97 983	40 627,840	769 618,390	18,943	18,478	70	90	21 672	994,836	3 899,404	3,920	3,454
21	41	97 854	38 827,395	728 990,549	18,775	18,310	71	91	18 025	791,785	2 904,568	3,668	3,203
22	42	97 718	37 103,591	690 163,155	18,601	18,135	72	92	14 519	610,315	2 112,783	3,462	2,996
23	43	97 571	35 452,284	653 059,563	18,421	17,955	73	93	11 432	459,881	1 502,468	3,267	2,801
24	44	97 414	33 871,155	617 607,280	18,234	17,768	74	94	8 777	337,844	1 042,587	3,086	2,620
25	45	97 248	32 357,283	583 736,125	18,040	17,575	75	95	6 553	241,388	704,743	2,920	2,454
26	46	97 059	30 903,701	551 378,841	17,842	17,376	76	96	4 754	167,595	463,355	2,765	2,299
27	47	96 849	29 509,021	520 475,141	17,638	17,172	77	97	3 345	112,827	295,759	2,621	2,156
28	48	96 620	28 171,451	490 966,119	17,428	16,962	78	98	2 276	73,468	182,932	2,490	2,024
29	49	96 381	26 891,699	462 794,669	17,210	16,744	79	99	1 495	46,191	109,464	2,370	1,904
30	50	96 117	25 663,325	435 902,970	16,985	16,520	80	100	948	28,033	63,273	2,257	1,792
31	51	95 829	24 484,551	410 239,645	16,755	16,289							
32	52	95 519	23 354,508	385 755,094	16,517	16,052							
33	53	95 184	22 270,249	362 400,586	16,273	15,807							
34	54	94 826	21 231,044	340 130,338	16,020	15,555							
35	55	94 447	20 235,693	318 899,294	15,759	15,294							
36	56	94 026	19 277,936	298 663,601	15,493	15,027							
37	57	93 584	18 361,051	279 385,665	15,216	14,751							
38	58	93 106	17 480,601	261 024,615	14,932	14,467							
39	59	92 581	16 633,647	243 544,013	14,642	14,176							
40	60	92 031	15 822,711	226 910,366	14,341	13,875							
41	61	91 403	15 038,029	211 087,655	14,037	13,571							
42	62	90 748	14 287,388	196 049,626	13,722	13,256							
43	63	90 033	13 564,442	181 762,238	13,400	12,934							
44	64	89 261	12 868,971	168 197,796	13,070	12,604							
45	65	88 430	12 200,171	155 328,826	12,732	12,266							
46	66	87 534	11 556,489	143 128,655	12,385	11,920							
47	67	86 575	10 937,729	131 572,166	12,029	11,564							
48	68	85 529	10 340,236	120 634,437	11,667	11,201							
49	69	84 392	9 763,439	110 294,201	11,297	10,831							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 105 146,236	21,175	20,710	50	71	82 148	9 094,560	96 317,650	10,591	10,125
1	22	98 990	94 726,926	2 005 731,383	21,174	20,708	51	72	80 706	8 550,123	87 223,090	10,201	9,736
2	23	98 932	90 594,688	1 911 004,458	21,094	20,628	52	73	79 075	8 016,645	78 672,967	9,814	9,348
3	24	98 890	86 657,080	1 820 409,769	21,007	20,541	53	74	77 296	7 498,795	70 656,322	9,422	8,957
4	25	98 853	82 894,064	1 733 752,690	20,915	20,450	54	75	75 367	6 996,838	63 157,527	9,027	8,561
5	26	98 816	79 295,358	1 650 858,626	20,819	20,353	55	76	73 216	6 504,404	56 160,689	8,634	8,169
6	27	98 779	75 851,676	1 571 563,268	20,719	20,253	56	77	70 867	6 024,689	49 656,285	8,242	7,777
7	28	98 743	72 558,949	1 495 711,592	20,614	20,148	57	78	68 303	5 556,621	43 631,596	7,852	7,387
8	29	98 708	69 409,653	1 423 152,643	20,504	20,038	58	79	65 505	5 099,555	38 074,976	7,466	7,001
9	30	98 671	66 395,914	1 353 742,990	20,389	19,923	59	80	62 488	4 655,180	32 975,421	7,084	6,618
10	31	98 635	63 513,870	1 287 347,076	20,269	19,803	60	81	59 204	4 220,604	28 320,241	6,710	6,244
11	32	98 594	60 753,575	1 223 833,206	20,144	19,679	61	82	55 677	3 798,244	24 099,637	6,345	5,879
12	33	98 550	58 111,606	1 163 079,631	20,015	19,549	62	83	51 921	3 389,449	20 301,393	5,990	5,524
13	34	98 504	55 583,260	1 104 968,025	19,880	19,414	63	84	47 951	2 995,512	16 911,943	5,646	5,180
14	35	98 456	53 163,482	1 049 384,765	19,739	19,273	64	85	43 820	2 619,575	13 916,431	5,312	4,847
15	36	98 398	50 844,079	996 221,282	19,594	19,128	65	86	39 506	2 259,998	11 296,856	4,999	4,533
16	37	98 332	48 622,219	945 377,203	19,443	18,978	66	87	35 132	1 923,208	9 036,858	4,699	4,233
17	38	98 251	46 490,143	896 754,984	19,289	18,824	67	88	30 585	1 602,206	7 113,650	4,440	3,974
18	39	98 160	44 446,765	850 264,841	19,130	18,664	68	89	26 266	1 316,679	5 511,444	4,186	3,720
19	40	98 036	42 479,258	805 818,075	18,970	18,504	69	90	22 150	1 062,574	4 194,765	3,948	3,482
20	41	97 913	40 598,881	763 338,818	18,802	18,336	70	91	18 460	847,405	3 132,191	3,696	3,231
21	42	97 773	38 795,130	722 739,936	18,630	18,164	71	92	14 904	654,692	2 284,786	3,490	3,024
22	43	97 626	37 068,493	683 944,806	18,451	17,985	72	93	11 775	494,975	1 630,094	3,293	2,828
23	44	97 468	35 414,862	646 876,313	18,266	17,800	73	94	9 067	364,740	1 135,119	3,112	2,647
24	45	97 304	33 832,853	611 461,451	18,073	17,607	74	95	6 798	261,697	770,379	2,944	2,478
25	46	97 116	32 313,518	577 628,598	17,876	17,410	75	96	4 951	182,381	508,682	2,789	2,324
26	47	96 908	30 855,772	545 315,080	17,673	17,207	76	97	3 499	123,352	326,301	2,645	2,180
27	48	96 681	29 457,811	514 459,309	17,464	16,999	77	98	2 395	80,789	202,949	2,512	2,046
28	49	96 441	28 119,250	485 001,498	17,248	16,782	78	99	1 583	51,113	122,160	2,390	1,924
29	50	96 179	26 835,439	456 882,248	17,025	16,560	79	100	1 010	31,183	71,047	2,278	1,813
30	51	95 893	25 603,364	430 046,808	16,796	16,331							
31	52	95 590	24 423,565	404 443,445	16,560	16,094							
32	53	95 255	23 289,797	380 019,880	16,317	15,851							
33	54	94 894	22 202,565	356 730,083	16,067	15,601							
34	55	94 523	21 163,398	334 527,518	15,807	15,341							
35	56	94 107	20 162,894	313 364,120	15,542	15,076							
36	57	93 669	19 204,817	293 201,226	15,267	14,801							
37	58	93 198	18 285,288	273 996,409	14,985	14,519							
38	59	92 681	17 400,896	255 711,121	14,695	14,230							
39	60	92 139	16 554,166	238 310,225	14,396	13,930							
40	61	91 527	15 736,195	221 756,060	14,092	13,626							
41	62	90 883	14 952,531	206 019,865	13,778	13,313							
42	63	90 179	14 197,738	191 067,334	13,458	12,992							
43	64	89 433	13 473,986	176 869,597	13,127	12,661							
44	65	88 618	12 776,368	163 395,611	12,789	12,323							
45	66	87 745	12 105,712	150 619,243	12,442	11,976							
46	67	86 814	11 461,497	138 513,531	12,085	11,620							
47	68	85 794	10 839,075	127 052,034	11,722	11,256							
48	69	84 691	10 238,952	116 212,959	11,350	10,884							
49	70	83 466	9 656,357	105 974,007	10,975	10,509							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 098 101,018	21,109	20,643	50	72	81 052	8 973,211	91 965,387	10,249	9,783
1	23	98 967	94 705,158	1 998 707,653	21,105	20,639	51	73	79 457	8 417,809	82 992,176	9,859	9,394
2	24	98 909	90 574,082	1 904 002,495	21,021	20,556	52	74	77 704	7 877,674	74 574,368	9,467	9,001
3	25	98 868	86 637,378	1 813 428,413	20,931	20,466	53	75	75 802	7 353,888	66 696,694	9,070	8,604
4	26	98 831	82 875,591	1 726 791,035	20,836	20,370	54	76	73 688	6 840,940	59 342,806	8,675	8,209
5	27	98 790	79 274,174	1 643 915,444	20,737	20,271	55	77	71 360	6 339,533	52 501,866	8,282	7,816
6	28	98 753	75 832,096	1 564 641,270	20,633	20,167	56	78	68 816	5 850,248	46 162,333	7,891	7,425
7	29	98 717	72 540,103	1 488 809,174	20,524	20,058	57	79	66 031	5 371,818	40 312,085	7,504	7,039
8	30	98 680	69 390,402	1 416 269,071	20,410	19,945	58	80	63 046	4 908,063	34 940,267	7,119	6,653
9	31	98 644	66 377,692	1 346 878,670	20,291	19,826	59	81	59 778	4 453,270	30 032,204	6,744	6,278
10	32	98 603	63 493,163	1 280 500,977	20,168	19,702	60	82	56 274	4 011,702	25 578,934	6,376	5,910
11	33	98 560	60 732,533	1 217 007,814	20,039	19,573	61	83	52 511	3 582,246	21 567,232	6,021	5,555
12	34	98 515	58 090,582	1 156 275,281	19,905	19,439	62	84	48 548	3 169,274	17 984,986	5,675	5,209
13	35	98 464	55 560,704	1 098 184,699	19,765	19,300	63	85	44 403	2 773,887	14 815,712	5,341	4,876
14	36	98 414	53 140,827	1 042 623,996	19,620	19,154	64	86	40 082	2 396,137	12 041,825	5,026	4,560
15	37	98 352	50 820,370	989 483,169	19,470	19,005	65	87	35 688	2 041,573	9 645,688	4,725	4,259
16	38	98 280	48 596,610	938 662,800	19,315	18,850	66	88	31 104	1 702,690	7 604,115	4,466	4,000
17	39	98 193	46 462,734	890 066,190	19,157	18,691	67	89	26 748	1 401,190	5 901,425	4,212	3,746
18	40	98 091	44 415,508	843 603,456	18,993	18,528	68	90	22 595	1 132,649	4 500,235	3,973	3,508
19	41	97 966	42 448,979	799 187,948	18,827	18,361	69	91	18 868	905,104	3 367,587	3,721	3,255
20	42	97 832	40 565,144	756 738,969	18,655	18,189	70	92	15 264	700,682	2 462,483	3,514	3,049
21	43	97 681	38 758,432	716 173,825	18,478	18,012	71	93	12 087	530,966	1 761,801	3,318	2,852
22	44	97 522	37 029,366	677 415,393	18,294	17,828	72	94	9 339	392,574	1 230,835	3,135	2,670
23	45	97 357	35 374,814	640 386,027	18,103	17,637	73	95	7 024	282,530	838,262	2,967	2,501
24	46	97 172	33 787,092	605 011,213	17,907	17,441	74	96	5 137	197,725	555,731	2,811	2,345
25	47	96 966	32 263,403	571 224,122	17,705	17,239	75	97	3 644	134,234	358,006	2,667	2,201
26	48	96 740	30 802,224	538 960,719	17,497	17,032	76	98	2 506	88,325	223,772	2,533	2,068
27	49	96 502	29 403,227	508 158,495	17,282	16,817	77	99	1 666	56,207	135,446	2,410	1,944
28	50	96 239	28 060,423	478 755,268	17,062	16,596	78	100	1 069	34,506	79,239	2,296	1,831
29	51	95 954	26 772,739	450 694,846	16,834	16,368							
30	52	95 654	25 539,591	423 922,106	16,599	16,133							
31	53	95 325	24 355,891	398 382,515	16,357	15,891							
32	54	94 965	23 219,015	374 026,624	16,109	15,643							
33	55	94 592	22 131,824	350 807,609	15,851	15,385							
34	56	94 183	21 087,262	328 675,785	15,586	15,121							
35	57	93 750	20 086,419	307 588,523	15,313	14,848							
36	58	93 283	19 125,572	287 502,104	15,032	14,567							
37	59	92 773	18 201,913	268 376,532	14,744	14,279							
38	60	92 238	17 317,748	250 174,619	14,446	13,981							
39	61	91 635	16 463,650	232 856,870	14,144	13,678							
40	62	91 007	15 646,727	216 393,221	13,830	13,364							
41	63	90 313	14 858,707	200 746,494	13,510	13,045							
42	64	89 577	14 103,058	185 887,787	13,181	12,715							
43	65	88 789	13 377,030	171 784,729	12,842	12,376							
44	66	87 932	12 677,448	158 407,699	12,495	12,030							
45	67	87 024	12 006,206	145 730,252	12,138	11,672							
46	68	86 031	11 358,119	133 724,046	11,773	11,308							
47	69	84 954	10 732,905	122 365,927	11,401	10,935							
48	70	83 762	10 126,655	111 633,023	11,024	10,558							
49	71	82 469	9 540,981	101 506,368	10,639	10,173							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 090 694,893	21,039	20,574	50	73	79 797	8 834,350	87 481,716	9,902	9,437
1	24	98 944	94 683,617	1 991 324,368	21,031	20,566	51	74	78 079	8 271,882	78 647,366	9,508	9,042
2	25	98 887	90 553,490	1 896 640,751	20,945	20,479	52	75	76 203	7 725,445	70 375,484	9,110	8,644
3	26	98 846	86 618,071	1 806 087,262	20,851	20,386	53	76	74 113	7 190,034	62 650,039	8,713	8,248
4	27	98 804	82 853,450	1 719 469,190	20,753	20,288	54	77	71 820	6 667,538	55 460,005	8,318	7,852
5	28	98 765	79 253,711	1 636 615,740	20,650	20,185	55	78	69 294	6 155,976	48 792,466	7,926	7,460
6	29	98 727	75 812,400	1 557 362,029	20,542	20,077	56	79	66 527	5 655,680	42 636,490	7,539	7,073
7	30	98 690	72 519,983	1 481 549,629	20,430	19,964	57	80	63 552	5 170,103	36 980,810	7,153	6,687
8	31	98 653	69 371,358	1 409 029,646	20,311	19,846	58	81	60 311	4 695,185	31 810,708	6,775	6,310
9	32	98 611	66 356,052	1 339 658,288	20,189	19,723	59	82	56 819	4 232,852	27 115,523	6,406	5,940
10	33	98 569	63 471,173	1 273 302,237	20,061	19,595	60	83	53 074	3 783,565	22 882,671	6,048	5,582
11	34	98 524	60 710,561	1 209 831,064	19,928	19,462	61	84	49 100	3 349,547	19 099,105	5,702	5,236
12	35	98 475	58 067,007	1 149 120,503	19,790	19,324	62	85	44 956	2 934,792	15 749,558	5,366	4,901
13	36	98 423	55 537,026	1 091 053,496	19,646	19,180	63	86	40 616	2 537,287	12 814,766	5,051	4,585
14	37	98 368	53 116,046	1 035 516,470	19,495	19,030	64	87	36 209	2 164,554	10 277,479	4,748	4,282
15	38	98 300	50 793,603	982 400,424	19,341	18,875	65	88	31 596	1 807,483	8 112,925	4,489	4,023
16	39	98 222	48 567,959	931 606,821	19,182	18,716	66	89	27 201	1 489,067	6 305,442	4,234	3,769
17	40	98 124	46 430,059	883 038,863	19,019	18,553	67	90	23 009	1 205,348	4 816,375	3,996	3,530
18	41	98 021	44 383,848	836 608,804	18,849	18,384	68	91	19 246	964,794	3 611,028	3,743	3,277
19	42	97 885	42 413,705	792 224,955	18,679	18,213	69	92	15 601	748,390	2 646,234	3,536	3,070
20	43	97 739	40 526,772	749 811,251	18,502	18,036	70	93	12 379	568,264	1 897,844	3,340	2,874
21	44	97 577	38 717,521	709 284,479	18,319	17,854	71	94	9 587	421,118	1 329,579	3,157	2,692
22	45	97 412	36 987,492	670 566,958	18,130	17,664	72	95	7 234	304,091	908,461	2,987	2,522
23	46	97 226	35 326,967	633 579,466	17,935	17,469	73	96	5 307	213,466	604,370	2,831	2,366
24	47	97 021	33 734,691	598 252,499	17,734	17,268	74	97	3 781	145,528	390,904	2,686	2,220
25	48	96 797	32 207,412	564 517,808	17,528	17,062	75	98	2 609	96,118	245,376	2,553	2,087
26	49	96 561	30 745,149	532 310,396	17,314	16,848	76	99	1 743	61,450	149,258	2,429	1,963
27	50	96 300	29 341,713	501 565,248	17,094	16,628	77	100	1 125	37,945	87,808	2,314	1,848
28	51	96 014	27 994,861	472 223,535	16,868	16,403							
29	52	95 715	26 706,054	444 228,674	16,634	16,168							
30	53	95 389	25 468,825	417 522,620	16,393	15,928							
31	54	95 036	24 281,869	392 053,795	16,146	15,680							
32	55	94 663	23 145,036	367 771,926	15,890	15,424							
33	56	94 252	22 052,204	344 626,890	15,628	15,162							
34	57	93 826	21 007,281	322 574,686	15,355	14,890							
35	58	93 363	20 003,536	301 567,405	15,076	14,610							
36	59	92 857	19 038,366	281 563,869	14,789	14,324							
37	60	92 329	18 114,938	262 525,503	14,492	14,027							
38	61	91 734	17 223,057	244 410,564	14,191	13,725							
39	62	91 114	16 370,046	227 187,507	13,878	13,413							
40	63	90 436	15 548,547	210 817,461	13,559	13,093							
41	64	89 710	14 759,620	195 268,914	13,230	12,764							
42	65	88 933	14 001,575	180 509,295	12,892	12,426							
43	66	88 102	13 273,459	166 507,720	12,544	12,079							
44	67	87 210	12 573,242	153 234,261	12,187	11,722							
45	68	86 239	11 897,914	140 661,019	11,822	11,357							
46	69	85 188	11 246,864	128 763,104	11,449	10,983							
47	70	84 022	10 615,190	117 516,240	11,071	10,605							
48	71	82 761	10 005,659	106 901,050	10,684	10,218							
49	72	81 369	9 413,675	96 895,391	10,293	9,827							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 082 914,850	20,966	20,500	50	74	78 414	8 681,203	82 881,199	9,547	9,082
1	25	98 922	94 662,090	1 983 566,928	20,954	20,489	51	75	76 570	8 112,036	74 199,997	9,147	8,681
2	26	98 865	90 533,310	1 888 904,837	20,864	20,399	52	76	74 505	7 553,313	66 087,961	8,750	8,284
3	27	98 819	86 594,931	1 798 371,527	20,768	20,302	53	77	72 234	7 007,784	58 534,648	8,353	7,887
4	28	98 779	82 832,063	1 711 776,596	20,666	20,200	54	78	69 740	6 474,484	51 526,864	7,958	7,493
5	29	98 739	79 233,126	1 628 944,533	20,559	20,093	55	79	66 989	5 951,240	45 052,380	7,570	7,105
6	30	98 700	75 791,373	1 549 711,407	20,447	19,981	56	80	64 029	5 443,305	39 101,140	7,183	6,718
7	31	98 663	72 500,081	1 473 920,035	20,330	19,864	57	81	60 795	4 945,859	33 657,834	6,805	6,340
8	32	98 621	69 348,741	1 401 419,954	20,208	19,743	58	82	57 326	4 462,793	28 711,975	6,434	5,968
9	33	98 577	66 333,070	1 332 071,213	20,082	19,616	59	83	53 588	3 992,139	24 249,182	6,074	5,609
10	34	98 533	63 448,209	1 265 738,143	19,949	19,484	60	84	49 626	3 537,788	20 257,043	5,726	5,260
11	35	98 484	60 685,923	1 202 289,934	19,812	19,346	61	85	45 467	3 101,728	16 719,255	5,390	4,925
12	36	98 433	58 042,262	1 141 604,011	19,668	19,203	62	86	41 121	2 684,468	13 617,527	5,073	4,607
13	37	98 377	55 511,128	1 083 561,749	19,520	19,054	63	87	36 690	2 292,062	10 933,059	4,770	4,304
14	38	98 316	53 088,070	1 028 050,621	19,365	18,899	64	88	32 057	1 916,363	8 640,997	4,509	4,043
15	39	98 242	50 763,656	974 962,551	19,206	18,740	65	89	27 632	1 580,712	6 724,634	4,254	3,789
16	40	98 153	48 533,803	924 198,895	19,042	18,577	66	90	23 399	1 280,942	5 143,922	4,016	3,550
17	41	98 054	46 396,964	875 665,092	18,873	18,408	67	91	19 599	1 026,719	3 862,980	3,762	3,297
18	42	97 939	44 346,966	829 268,128	18,700	18,234	68	92	15 914	797,745	2 836,261	3,555	3,090
19	43	97 792	42 373,584	784 921,162	18,524	18,058	69	93	12 653	606,957	2 038,516	3,359	2,893
20	44	97 636	40 483,994	742 547,579	18,342	17,876	70	94	9 818	450,700	1 431,558	3,176	2,711
21	45	97 467	38 673,738	702 063,585	18,153	17,688	71	95	7 426	326,202	980,858	3,007	2,541
22	46	97 280	36 937,464	663 389,847	17,960	17,494	72	96	5 466	229,756	654,657	2,849	2,384
23	47	97 075	35 272,178	626 452,383	17,761	17,295	73	97	3 906	157,113	424,900	2,704	2,239
24	48	96 853	33 676,147	591 180,204	17,555	17,089	74	98	2 707	104,204	267,787	2,570	2,104
25	49	96 618	32 147,733	557 504,057	17,342	16,876	75	99	1 815	66,871	163,583	2,446	1,981
26	50	96 359	30 680,827	525 356,324	17,123	16,658	76	100	1 177	41,484	96,712	2,331	1,866
27	51	96 075	29 273,157	494 675,497	16,899	16,433							
28	52	95 775	27 925,131	465 402,340	16,666	16,200							
29	53	95 450	26 632,056	437 477,208	16,427	15,961							
30	54	95 099	25 391,421	410 845,152	16,180	15,715							
31	55	94 733	24 204,503	385 453,732	15,925	15,459							
32	56	94 322	23 061,770	361 249,229	15,664	15,199							
33	57	93 894	21 968,563	338 187,458	15,394	14,929							
34	58	93 439	20 920,599	316 218,895	15,115	14,650							
35	59	92 938	19 912,327	295 298,297	14,830	14,364							
36	60	92 414	18 947,394	275 385,969	14,534	14,069							
37	61	91 824	18 015,888	256 438,575	14,234	13,768							
38	62	91 212	17 125,136	238 422,687	13,922	13,457							
39	63	90 542	16 267,328	221 297,551	13,604	13,138							
40	64	89 833	15 444,860	205 030,224	13,275	12,809							
41	65	89 065	14 653,412	189 585,364	12,938	12,472							
42	66	88 244	13 893,169	174 931,952	12,591	12,126							
43	67	87 378	13 164,354	161 038,783	12,233	11,767							
44	68	86 423	12 459,836	147 874,429	11,868	11,402							
45	69	85 394	11 781,373	135 414,593	11,494	11,028							
46	70	84 254	11 123,512	123 633,220	11,115	10,649							
47	71	83 018	10 488,357	112 509,708	10,727	10,261							
48	72	81 657	9 872,154	102 021,350	10,334	9,869							
49	73	80 110	9 267,997	92 149,197	9,943	9,477							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	2 074 745,624	20,888	20,423	50	75	76 899	8 513,446	78 175,718	9,183	8,717
1	26	98 900	94 640,995	1 975 420,289	20,873	20,407	51	76	74 864	7 931,290	69 662,271	8,783	8,318
2	27	98 838	90 509,124	1 880 779,293	20,780	20,314	52	77	72 616	7 361,854	61 730,981	8,385	7,920
3	28	98 794	86 572,578	1 790 270,170	20,679	20,214	53	78	70 143	6 804,878	54 369,127	7,990	7,524
4	29	98 753	82 810,549	1 703 697,592	20,573	20,108	54	79	67 421	6 259,155	47 564,248	7,599	7,134
5	30	98 712	79 211,150	1 620 887,043	20,463	19,997	55	80	64 474	5 727,767	41 305,093	7,211	6,746
6	31	98 673	75 770,572	1 541 675,894	20,347	19,881	56	81	61 252	5 207,212	35 577,326	6,832	6,367
7	32	98 630	72 476,444	1 465 905,321	20,226	19,760	57	82	57 786	4 701,060	30 370,114	6,460	5,995
8	33	98 587	69 324,723	1 393 428,877	20,100	19,634	58	83	54 066	4 209,004	25 669,054	6,099	5,633
9	34	98 542	66 309,071	1 324 104,155	19,969	19,503	59	84	50 107	3 732,813	21 460,051	5,749	5,283
10	35	98 493	63 422,461	1 257 795,084	19,832	19,366	60	85	45 954	3 276,042	17 727,237	5,411	4,946
11	36	98 442	60 660,061	1 194 372,623	19,690	19,224	61	86	41 589	2 837,165	14 451,195	5,094	4,628
12	37	98 387	58 015,196	1 133 712,562	19,542	19,076	62	87	37 147	2 425,018	11 614,030	4,789	4,324
13	38	98 325	55 481,891	1 075 697,366	19,388	18,923	63	88	32 483	2 029,251	9 189,012	4,528	4,063
14	39	98 258	53 056,771	1 020 215,476	19,229	18,763	64	89	28 035	1 675,932	7 159,762	4,272	3,806
15	40	98 173	50 727,956	967 158,705	19,066	18,600	65	90	23 770	1 359,778	5 483,830	4,033	3,567
16	41	98 083	48 499,208	916 430,748	18,896	18,430	66	91	19 932	1 091,111	4 124,051	3,780	3,314
17	42	97 973	46 358,409	867 931,540	18,722	18,257	67	92	16 206	848,949	3 032,941	3,573	3,107
18	43	97 847	44 305,017	821 573,131	18,544	18,078	68	93	12 906	646,985	2 183,992	3,376	2,910
19	44	97 689	42 328,856	777 268,115	18,363	17,897	69	94	10 035	481,388	1 537,007	3,193	2,727
20	45	97 525	40 438,214	734 939,259	18,174	17,709	70	95	7 605	349,116	1 055,619	3,024	2,558
21	46	97 335	38 621,429	694 501,045	17,982	17,517	71	96	5 611	246,462	706,503	2,867	2,401
22	47	97 130	36 880,177	655 879,616	17,784	17,318	72	97	4 023	169,103	460,041	2,720	2,255
23	48	96 906	35 210,966	618 999,439	17,580	17,114	73	98	2 797	112,500	290,938	2,586	2,120
24	49	96 674	33 613,746	583 788,472	17,368	16,902	74	99	1 883	72,497	178,438	2,461	1,996
25	50	96 416	32 080,478	550 174,726	17,150	16,684	75	100	1 226	45,144	105,941	2,347	1,881
26	51	96 133	30 609,143	518 094,248	16,926	16,461							
27	52	95 835	29 200,244	487 485,105	16,695	16,229							
28	53	95 509	27 847,755	458 284,861	16,457	15,991							
29	54	95 160	26 551,116	430 437,106	16,212	15,746							
30	55	94 796	25 310,520	403 885,990	15,957	15,492							
31	56	94 392	24 117,427	378 575,470	15,697	15,232							
32	57	93 964	22 974,300	354 458,043	15,428	14,963							
33	58	93 507	21 877,914	331 483,744	15,152	14,686							
34	59	93 013	20 825,208	309 605,829	14,867	14,401							
35	60	92 494	19 817,179	288 780,621	14,572	14,107							
36	61	91 908	18 843,792	268 963,442	14,273	13,808							
37	62	91 302	17 913,459	250 119,650	13,963	13,497							
38	63	90 640	17 017,679	232 206,190	13,645	13,179							
39	64	89 939	16 158,847	215 188,511	13,317	12,851							
40	65	89 187	15 333,721	199 029,664	12,980	12,514							
41	66	88 375	14 539,959	183 695,943	12,634	12,168							
42	67	87 519	13 778,970	169 155,984	12,276	11,811							
43	68	86 589	13 045,617	155 377,014	11,910	11,445							
44	69	85 576	12 337,790	142 331,397	11,536	11,071							
45	70	84 458	11 652,158	129 993,607	11,156	10,691							
46	71	83 247	10 990,606	118 341,449	10,768	10,302							
47	72	81 910	10 348,411	107 350,842	10,374	9,908							
48	73	80 393	9 719,381	97 002,431	9,980	9,515							
49	74	78 721	9 107,333	87 283,050	9,584	9,118							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	10 317,928	155 402,279	15,061	14,596
1	0	99 594	95 305,080	2 091 341,355	21,944	21,478	51	50	92 606	9 810,868	145 084,351	14,788	14,323
2	1	99 240	90 876,868	1 996 036,275	21,964	21,499	52	51	91 946	9 321,486	135 273,483	14,512	14,046
3	2	99 192	86 922,049	1 905 159,407	21,918	21,452	53	52	91 234	8 851,065	125 951,997	14,230	13,765
4	3	99 162	83 153,028	1 818 237,358	21,866	21,401	54	53	90 460	8 397,990	117 100,932	13,944	13,478
5	4	99 133	79 549,401	1 735 084,330	21,811	21,346	55	54	89 607	7 960,589	108 702,942	13,655	13,190
6	5	99 110	76 105,899	1 655 534,929	21,753	21,287	56	55	88 705	7 541,133	100 742,353	13,359	12,893
7	6	99 090	72 814,346	1 579 429,030	21,691	21,226	57	56	87 728	7 136,871	93 201,220	13,059	12,594
8	7	99 073	69 666,475	1 506 614,684	21,626	21,160	58	57	86 699	6 749,451	86 064,349	12,751	12,286
9	8	99 055	66 654,505	1 436 948,208	21,558	21,093	59	58	85 578	6 375,277	79 314,898	12,441	11,975
10	9	99 040	63 774,778	1 370 293,703	21,486	21,021	60	59	84 370	6 014,643	72 939,621	12,127	11,661
11	10	99 025	61 019,165	1 306 518,925	21,412	20,946	61	60	83 076	5 667,401	66 924,977	11,809	11,343
12	11	99 008	58 381,165	1 245 499,760	21,334	20,868	62	61	81 693	5 333,059	61 257,576	11,486	11,021
13	12	98 989	55 856,865	1 187 118,595	21,253	20,787	63	62	80 230	5 012,006	55 924,517	11,158	10,692
14	13	98 973	53 442,769	1 131 261,730	21,168	20,702	64	63	78 680	4 703,487	50 912,511	10,824	10,359
15	14	98 947	51 127,941	1 077 818,962	21,081	20,615	65	64	77 032	4 406,670	46 209,024	10,486	10,021
16	15	98 915	48 910,432	1 026 691,020	20,991	20,526	66	65	75 285	4 121,312	41 802,354	10,143	9,677
17	16	98 872	46 784,019	977 780,589	20,900	20,434	67	66	73 457	3 848,068	37 681,042	9,792	9,327
18	17	98 823	44 746,915	930 996,570	20,806	20,340	68	67	71 540	3 586,255	33 832,973	9,434	8,968
19	18	98 750	42 788,706	886 249,655	20,712	20,247	69	68	69 501	3 334,034	30 246,718	9,072	8,606
20	19	98 675	40 914,862	843 460,949	20,615	20,149	70	69	67 333	3 090,919	26 912,685	8,707	8,241
21	20	98 595	39 121,173	802 546,087	20,514	20,049	71	70	65 024	2 856,370	23 821,766	8,340	7,874
22	21	98 518	37 407,524	763 424,913	20,408	19,943	72	71	62 587	2 630,940	20 965,396	7,969	7,503
23	22	98 442	35 768,800	726 017,389	20,298	19,832	73	72	59 955	2 411,789	18 334,455	7,602	7,136
24	23	98 365	34 201,804	690 248,590	20,182	19,716	74	73	57 135	2 199,374	15 922,666	7,240	6,774
25	24	98 286	32 702,703	656 046,786	20,061	19,595	75	74	54 118	1 993,527	13 723,292	6,884	6,418
26	25	98 205	31 268,795	623 344,084	19,935	19,469	76	75	50 964	1 796,510	11 729,765	6,529	6,064
27	26	98 123	29 897,354	592 075,289	19,804	19,338	77	76	47 628	1 606,614	9 933,255	6,183	5,717
28	27	98 035	28 584,161	562 177,935	19,667	19,202	78	77	44 114	1 423,989	8 326,641	5,847	5,382
29	28	97 949	27 329,257	533 593,774	19,525	19,059	79	78	40 454	1 249,597	6 902,652	5,524	5,058
30	29	97 861	26 128,786	506 264,517	19,376	18,910	80	79	36 739	1 085,981	5 653,055	5,205	4,740
31	30	97 768	24 980,083	480 135,731	19,221	18,755	81	80	32 958	932,276	4 567,074	4,899	4,433
32	31	97 669	23 880,111	455 155,649	19,060	18,594	82	81	29 168	789,543	3 634,798	4,604	4,138
33	32	97 564	22 827,276	431 275,538	18,893	18,427	83	82	25 442	659,014	2 845,255	4,317	3,852
34	33	97 460	21 820,859	408 448,261	18,718	18,253	84	83	21 828	541,067	2 186,241	4,041	3,575
35	34	97 346	20 856,785	386 627,403	18,537	18,072	85	84	18 364	435,585	1 645,174	3,777	3,311
36	35	97 222	19 933,279	365 770,618	18,350	17,884	86	85	15 087	342,450	1 209,589	3,532	3,067
37	36	97 092	19 049,386	345 837,339	18,155	17,689	87	86	12 066	262,094	867,139	3,309	2,843
38	37	96 951	18 202,581	326 787,953	17,953	17,487	88	87	9 354	194,422	605,045	3,112	2,646
39	38	96 796	17 390,820	308 585,372	17,744	17,279	89	88	7 032	139,870	410,624	2,936	2,470
40	39	96 625	16 612,597	291 194,552	17,529	17,063	90	89	5 139	97,818	270,753	2,768	2,302
41	40	96 425	15 864,384	274 581,955	17,308	16,842	91	90	3 670	66,848	172,935	2,587	2,121
42	41	96 213	15 147,873	258 717,571	17,079	16,614	92	91	2 519	43,907	106,087	2,416	1,951
43	42	95 978	14 460,171	243 569,698	16,844	16,379	93	92	1 630	27,194	62,180	2,287	1,821
44	43	95 703	13 797,809	229 109,527	16,605	16,139	94	93	1 013	16,163	34,986	2,165	1,699
45	44	95 399	13 161,639	215 311,718	16,359	15,893	95	94	600	9,164	18,823	2,054	1,588
46	45	95 061	12 550,301	202 150,080	16,107	15,642	96	95	338	4,944	9,659	1,954	1,488
47	46	94 671	11 960,578	189 599,778	15,852	15,386	97	96	181	2,531	4,715	1,863	1,397
48	47	94 232	11 392,428	177 639,201	15,593	15,127	98	97	92	1,227	2,184	1,780	1,314
49	48	93 736	10 844,494	166 246,772	15,330	14,864	99	98	44	0,561	0,957	1,705	1,240
							100	99	20	0,242	0,396	1,637	1,172

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	10 337,082	156 615,173	15,151	14,685
1							51	49	92 800	9 831,436	146 278,091	14,879	14,413
2	0	99 558	91 168,572	1 997 961,658	21,915	21,449	52	50	92 161	9 343,316	136 446,655	14,604	14,138
3	1	99 221	86 946,771	1 906 793,086	21,931	21,465	53	51	91 462	8 873,167	127 103,339	14,324	13,859
4	2	99 178	83 166,435	1 819 846,315	21,882	21,416	54	52	90 711	8 421,324	118 230,172	14,039	13,574
5	3	99 147	79 560,809	1 736 679,880	21,828	21,363	55	53	89 880	7 984,856	109 808,848	13,752	13,287
6	4	99 122	76 115,021	1 657 119,070	21,771	21,306	56	54	88 989	7 565,237	101 823,992	13,459	12,994
7	5	99 099	72 820,934	1 581 004,049	21,711	21,245	57	55	88 044	7 162,639	94 258,755	13,160	12,694
8	6	99 081	69 672,061	1 508 183,116	21,647	21,181	58	56	87 029	6 775,148	87 096,116	12,855	12,390
9	7	99 063	66 660,074	1 438 511,054	21,580	21,114	59	57	85 932	6 401,693	80 320,968	12,547	12,081
10	8	99 046	63 778,740	1 371 850,980	21,510	21,044	60	58	84 756	6 042,194	73 919,275	12,234	11,768
11	9	99 031	61 023,039	1 308 072,240	21,436	20,970	61	59	83 475	5 694,612	67 877,082	11,920	11,454
12	10	99 016	58 385,868	1 247 049,201	21,359	20,893	62	60	82 142	5 362,380	62 182,470	11,596	11,130
13	11	98 997	55 861,301	1 188 663,333	21,279	20,813	63	61	80 689	5 040,665	56 820,090	11,272	10,807
14	12	98 981	53 446,865	1 132 802,031	21,195	20,729	64	62	79 176	4 733,187	51 779,425	10,940	10,474
15	13	98 957	51 132,971	1 079 355,166	21,109	20,643	65	63	77 549	4 436,254	47 046,238	10,605	10,139
16	14	98 927	48 916,487	1 028 222,195	21,020	20,554	66	64	75 831	4 151,183	42 609,984	10,265	9,799
17	15	98 886	46 790,362	979 305,708	20,930	20,464	67	65	74 030	3 878,094	38 458,801	9,917	9,451
18	16	98 839	44 754,110	932 515,346	20,836	20,371	68	66	72 133	3 615,977	34 580,707	9,563	9,098
19	17	98 768	42 796,218	887 761,236	20,744	20,278	69	67	70 134	3 364,379	30 964,730	9,204	8,738
20	18	98 697	40 923,801	844 965,018	20,647	20,182	70	68	67 999	3 121,494	27 600,350	8,842	8,376
21	19	98 616	39 129,588	804 041,216	20,548	20,083	71	69	65 745	2 888,045	24 478,856	8,476	8,010
22	20	98 539	37 415,418	764 911,628	20,444	19,978	72	70	63 344	2 662,756	21 590,811	8,108	7,643
23	21	98 463	35 776,533	727 496,210	20,334	19,869	73	71	60 766	2 444,405	18 928,055	7,743	7,278
24	22	98 387	34 209,665	691 719,677	20,220	19,754	74	72	58 033	2 233,944	16 483,606	7,379	6,913
25	23	98 308	32 710,143	657 510,012	20,101	19,635	75	73	55 073	2 028,696	14 249,706	7,024	6,558
26	24	98 228	31 275,905	624 799,869	19,977	19,511	76	74	51 969	1 831,910	12 221,010	6,671	6,206
27	25	98 145	29 904,017	593 523,964	19,848	19,382	77	75	48 714	1 643,227	10 389,100	6,322	5,857
28	26	98 061	28 591,800	563 619,947	19,713	19,247	78	76	45 261	1 461,023	8 745,873	5,986	5,521
29	27	97 974	27 336,314	535 028,147	19,572	19,106	79	77	41 660	1 286,857	7 284,851	5,661	5,195
30	28	97 886	26 135,574	507 691,833	19,425	18,960	80	78	38 003	1 123,341	5 997,994	5,339	4,874
31	29	97 796	24 987,013	481 556,259	19,272	18,807	81	79	34 244	968,649	4 874,653	5,032	4,567
32	30	97 696	23 886,667	456 569,246	19,114	18,648	82	80	30 491	825,341	3 906,004	4,733	4,267
33	31	97 596	22 834,721	432 682,580	18,948	18,483	83	81	26 767	693,331	3 080,663	4,443	3,978
34	32	97 494	21 828,419	409 847,859	18,776	18,310	84	82	23 144	573,692	2 387,332	4,161	3,696
35	33	97 381	20 864,333	388 019,440	18,597	18,132	85	83	19 639	465,846	1 813,640	3,893	3,428
36	34	97 262	19 941,371	367 155,107	18,412	17,946	86	84	16 292	369,810	1 347,794	3,645	3,179
37	35	97 133	19 057,508	347 213,735	18,219	17,754	87	85	13 191	286,534	977,983	3,413	2,948
38	36	96 996	18 211,073	328 156,228	18,020	17,554	88	86	10 354	215,222	691,450	3,213	2,747
39	37	96 847	17 399,984	309 945,155	17,813	17,347	89	87	7 943	157,985	476,227	3,014	2,549
40	38	96 682	16 622,397	292 545,170	17,599	17,134	90	88	5 876	111,851	318,242	2,845	2,380
41	39	96 493	15 875,548	275 922,773	17,380	16,915	91	89	4 266	77,709	206,391	2,656	2,190
42	40	96 282	15 158,678	260 047,224	17,155	16,689	92	90	2 957	51,546	128,681	2,496	2,031
43	41	96 058	14 472,197	244 888,546	16,921	16,456	93	91	1 972	32,889	77,135	2,345	1,880
44	42	95 794	13 810,873	230 416,349	16,684	16,218	94	92	1 249	19,929	44,247	2,220	1,755
45	43	95 500	13 175,546	216 605,476	16,440	15,974	95	93	756	11,555	24,318	2,105	1,639
46	44	95 169	12 564,509	203 429,930	16,191	15,725	96	94	437	6,383	12,763	2,000	1,534
47	45	94 799	11 976,777	190 865,421	15,936	15,471	97	95	240	3,350	6,380	1,904	1,439
48	46	94 378	11 410,125	178 888,644	15,678	15,212	98	96	125	1,667	3,030	1,818	1,352
49	47	93 899	10 863,346	167 478,519	15,417	14,951	99	97	61	0,784	1,363	1,740	1,274
							100	98	28	0,347	0,580	1,669	1,203

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	10 355,052	157 735,402	15,233	14,767
1							51	48	92 972	9 849,687	147 380,350	14,963	14,497
2							52	49	92 354	9 362,904	137 530,663	14,689	14,223
3	0	99 539	87 225,860	1 908 576,625	21,881	21,415	53	50	91 676	8 893,947	128 167,759	14,411	13,945
4	1	99 206	83 190,089	1 821 350,764	21,894	21,428	54	51	90 938	8 442,352	119 273,812	14,128	13,662
5	2	99 163	79 573,638	1 738 160,675	21,843	21,378	55	52	90 130	8 007,042	110 831,459	13,842	13,376
6	3	99 136	76 125,937	1 658 587,038	21,787	21,322	56	53	89 260	7 588,299	102 824,417	13,550	13,085
7	4	99 111	72 829,662	1 582 461,101	21,728	21,263	57	54	88 326	7 185,533	95 236,118	13,254	12,788
8	5	99 090	69 678,364	1 509 631,439	21,666	21,200	58	55	87 343	6 799,610	88 050,585	12,949	12,484
9	6	99 071	66 665,419	1 439 953,075	21,600	21,134	59	56	86 259	6 426,066	81 250,975	12,644	12,178
10	7	99 055	63 784,069	1 373 287,655	21,530	21,065	60	57	85 107	6 067,229	74 824,909	12,333	11,867
11	8	99 038	61 026,830	1 309 503,587	21,458	20,992	61	58	83 858	5 720,696	68 757,680	12,019	11,553
12	9	99 022	58 389,575	1 248 476,757	21,382	20,916	62	59	82 537	5 388,127	63 036,984	11,699	11,234
13	10	99 005	55 865,802	1 190 087,182	21,303	20,837	63	60	81 133	5 068,378	57 648,857	11,374	10,909
14	11	98 989	53 451,111	1 134 221,380	21,220	20,754	64	61	79 629	4 760,251	52 580,479	11,046	10,580
15	12	98 964	51 136,891	1 080 770,269	21,135	20,669	65	62	78 039	4 464,266	47 820,228	10,712	10,246
16	13	98 937	48 921,300	1 029 633,378	21,047	20,581	66	63	76 340	4 179,052	43 355,962	10,375	9,909
17	14	98 898	46 796,155	980 712,079	20,957	20,491	67	64	74 567	3 906,203	39 176,910	10,029	9,564
18	15	98 852	44 760,178	933 915,924	20,865	20,399	68	65	72 696	3 644,192	35 270,708	9,679	9,213
19	16	98 784	42 803,099	889 155,746	20,773	20,308	69	66	70 715	3 392,263	31 626,516	9,323	8,858
20	17	98 714	40 930,986	846 352,647	20,678	20,212	70	67	68 618	3 149,905	28 234,253	8,964	8,498
21	18	98 638	39 138,138	805 421,660	20,579	20,113	71	68	66 395	2 916,614	25 084,347	8,601	8,135
22	19	98 560	37 423,466	766 283,523	20,476	20,010	72	69	64 046	2 692,284	22 167,733	8,234	7,768
23	20	98 484	35 784,083	728 860,057	20,368	19,903	73	70	61 501	2 473,964	19 475,450	7,872	7,407
24	21	98 409	34 217,061	693 075,974	20,255	19,790	74	71	58 818	2 264,155	17 001,485	7,509	7,043
25	22	98 331	32 717,661	658 858,913	20,138	19,672	75	72	55 939	2 060,584	14 737,331	7,152	6,686
26	23	98 250	31 283,021	626 141,252	20,015	19,550	76	73	52 886	1 864,227	12 676,747	6,800	6,334
27	24	98 168	29 910,818	594 858,231	19,888	19,422	77	74	49 674	1 675,606	10 812,520	6,453	5,987
28	25	98 083	28 598,173	564 947,413	19,755	19,289	78	75	46 293	1 494,318	9 136,914	6,114	5,649
29	26	98 001	27 343,619	536 349,241	19,615	19,150	79	76	42 743	1 320,324	7 642,596	5,788	5,323
30	27	97 911	26 142,322	509 005,622	19,471	19,005	80	77	39 136	1 156,837	6 322,272	5,465	5,000
31	28	97 821	24 993,505	482 863,300	19,320	18,854	81	78	35 422	1 001,973	5 165,435	5,155	4,690
32	29	97 723	23 893,294	457 869,795	19,163	18,697	82	79	31 680	857,542	4 163,462	4,855	4,389
33	30	97 623	22 840,989	433 976,502	19,000	18,534	83	80	27 980	724,767	3 305,920	4,561	4,096
34	31	97 525	21 835,538	411 135,512	18,829	18,363	84	81	24 350	603,566	2 581,154	4,277	3,811
35	32	97 415	20 871,562	389 299,974	18,652	18,187	85	82	20 824	493,935	1 977,588	4,004	3,538
36	33	97 297	19 948,588	368 428,412	18,469	18,003	86	83	17 424	395,502	1 483,653	3,751	3,286
37	34	97 173	19 065,245	348 479,824	18,278	17,813	87	84	14 245	309,427	1 088,151	3,517	3,051
38	35	97 038	18 218,837	329 414,579	18,081	17,615	88	85	11 320	235,292	778,724	3,310	2,844
39	36	96 892	17 408,102	311 195,742	17,876	17,411	89	86	8 792	174,888	543,432	3,107	2,642
40	37	96 733	16 631,157	293 787,640	17,665	17,199	90	87	6 637	126,337	368,545	2,917	2,452
41	38	96 550	15 884,914	277 156,483	17,448	16,982	91	88	4 878	88,858	242,207	2,726	2,260
42	39	96 350	15 169,346	261 271,569	17,224	16,758	92	89	3 438	59,921	153,349	2,559	2,094
43	40	96 127	14 482,520	246 102,223	16,993	16,527	93	90	2 315	38,611	93,428	2,420	1,954
44	41	95 874	13 822,359	231 619,703	16,757	16,291	94	91	1 510	24,102	54,818	2,274	1,809
45	42	95 590	13 188,021	217 797,344	16,515	16,049	95	92	933	14,247	30,716	2,156	1,690
46	43	95 269	12 577,786	204 609,323	16,268	15,802	96	93	551	8,048	16,469	2,046	1,581
47	44	94 907	11 990,336	192 031,537	16,016	15,550	97	94	309	4,325	8,421	1,947	1,481
48	45	94 506	11 425,578	180 041,201	15,758	15,292	98	95	165	2,206	4,096	1,857	1,391
49	46	94 045	10 880,220	168 615,622	15,497	15,032	99	96	83	1,065	1,890	1,775	1,309
							100	97	40	0,485	0,825	1,701	1,235



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	10 371,137	158 768,355	15,309	14,843
1							51	47	93 134	9 866,810	148 397,218	15,040	14,574
2							52	48	92 526	9 380,286	138 530,408	14,768	14,303
3							53	49	91 869	8 912,593	129 150,123	14,491	14,025
4	0	99 524	83 457,120	1 823 001,913	21,844	21,378	54	50	91 150	8 462,124	120 237,530	14,209	13,743
5	1	99 191	79 596,270	1 739 544,793	21,855	21,389	55	51	90 355	8 027,036	111 775,406	13,925	13,459
6	2	99 152	76 138,211	1 659 948,524	21,802	21,336	56	52	89 508	7 609,383	103 748,370	13,634	13,169
7	3	99 125	72 840,106	1 583 810,312	21,744	21,278	57	53	88 595	7 207,438	96 138,987	13,339	12,873
8	4	99 102	69 686,716	1 510 970,206	21,682	21,217	58	54	87 622	6 821,344	88 931,549	13,037	12,572
9	5	99 080	66 671,450	1 441 283,490	21,618	21,152	59	55	86 571	6 449,267	82 110,205	12,732	12,266
10	6	99 063	63 789,183	1 374 612,040	21,549	21,084	60	56	85 432	6 090,329	75 660,938	12,423	11,958
11	7	99 046	61 031,929	1 310 822,857	21,474	21,012	61	57	84 205	5 744,399	69 570,609	12,111	11,645
12	8	99 028	58 393,202	1 249 790,928	21,403	20,937	62	58	82 915	5 412,807	63 826,210	11,792	11,326
13	9	99 011	55 869,349	1 191 397,726	21,325	20,859	63	59	81 522	5 092,713	58 413,403	11,470	11,004
14	10	98 996	53 455,417	1 135 528,377	21,243	20,777	64	60	80 067	4 786,423	53 320,690	11,140	10,674
15	11	98 972	51 140,953	1 082 072,960	21,159	20,693	65	61	78 485	4 489,793	48 534,267	10,810	10,344
16	12	98 945	48 925,050	1 030 932,008	21,072	20,606	66	62	76 822	4 205,440	44 044,474	10,473	10,008
17	13	98 908	46 800,759	982 006,958	20,983	20,517	67	63	75 068	3 932,427	39 839,034	10,131	9,665
18	14	98 864	44 765,719	935 206,199	20,891	20,426	68	64	73 223	3 670,605	35 906,608	9,782	9,317
19	15	98 797	42 808,902	890 440,479	20,800	20,335	69	65	71 267	3 418,732	32 236,003	9,429	8,964
20	16	98 730	40 937,568	847 631,577	20,705	20,240	70	66	69 187	3 176,011	28 817,271	9,073	8,608
21	17	98 655	39 145,009	806 694,009	20,608	20,142	71	67	66 999	2 943,160	25 641,259	8,712	8,247
22	18	98 582	37 431,643	767 549,000	20,505	20,040	72	68	64 680	2 718,916	22 698,099	8,348	7,883
23	19	98 505	35 791,780	730 117,358	20,399	19,933	73	69	62 183	2 501,399	19 979,183	7,987	7,522
24	20	98 430	34 224,282	694 325,578	20,288	19,822	74	70	59 529	2 291,535	17 477,785	7,627	7,161
25	21	98 352	32 724,735	660 101,296	20,171	19,706	75	71	56 695	2 088,450	15 186,250	7,272	6,806
26	22	98 273	31 290,211	627 376,562	20,050	19,585	76	72	53 717	1 893,530	13 097,800	6,917	6,452
27	23	98 190	29 917,623	596 086,350	19,924	19,459	77	73	50 550	1 705,166	11 204,271	6,571	6,105
28	24	98 105	28 604,676	566 168,728	19,793	19,327	78	74	47 205	1 523,763	9 499,104	6,234	5,768
29	25	98 022	27 349,713	537 564,052	19,655	19,190	79	75	43 717	1 350,412	7 975,341	5,906	5,440
30	26	97 937	26 149,308	510 214,338	19,512	19,046	80	76	40 154	1 186,922	6 624,929	5,582	5,116
31	27	97 846	24 999,958	484 065,030	19,363	18,897	81	77	36 478	1 031,850	5 438,007	5,270	4,805
32	28	97 749	23 899,501	459 065,072	19,208	18,743	82	78	32 770	887,044	4 406,157	4,967	4,502
33	29	97 650	22 847,326	435 165,571	19,047	18,581	83	79	29 072	753,044	3 519,113	4,673	4,208
34	30	97 552	21 841,532	412 318,245	18,878	18,412	84	80	25 454	630,931	2 766,069	4,384	3,918
35	31	97 447	20 878,369	390 476,713	18,702	18,237	85	81	21 908	519,656	2 135,138	4,109	3,643
36	32	97 331	19 955,500	369 598,344	18,521	18,056	86	82	18 475	419,349	1 615,482	3,852	3,387
37	33	97 208	19 072,145	349 642,844	18,333	17,867	87	83	15 235	330,923	1 196,133	3,615	3,149
38	34	97 077	18 226,234	330 570,699	18,137	17,671	88	84	12 224	254,091	865,210	3,405	2,940
39	35	96 933	17 415,524	312 344,465	17,935	17,469	89	85	9 612	191,196	611,119	3,196	2,731
40	36	96 778	16 638,916	294 928,941	17,725	17,260	90	86	7 348	139,854	419,923	3,003	2,537
41	37	96 601	15 893,285	278 290,025	17,510	17,044	91	87	5 510	100,366	280,069	2,790	2,325
42	38	96 407	15 178,295	262 396,741	17,288	16,822	92	88	3 931	68,518	179,703	2,623	2,157
43	39	96 194	14 492,712	247 218,446	17,058	16,593	93	89	2 691	44,884	111,186	2,477	2,012
44	40	95 942	13 832,219	232 725,734	16,825	16,359	94	90	1 773	28,295	66,302	2,343	1,878
45	41	95 670	13 198,989	218 893,515	16,584	16,118	95	91	1 128	17,231	38,007	2,206	1,740
46	42	95 360	12 589,695	205 694,526	16,338	15,873	96	92	679	9,923	20,776	2,094	1,628
47	43	95 007	12 003,006	193 104,831	16,088	15,622	97	93	390	5,453	10,853	1,990	1,524
48	44	94 613	11 438,513	181 101,825	15,833	15,367	98	94	213	2,848	5,399	1,896	1,430
49	45	94 172	10 894,957	169 663,312	15,573	15,107	99	95	110	1,409	2,552	1,811	1,345
							100	96	54	0,659	1,142	1,733	1,268

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	10 385,184	159 719,089	15,380	14,914
1							51	46	93 279	9 882,136	149 333,906	15,112	14,646
2							52	47	92 687	9 396,592	139 451,769	14,841	14,375
3							53	48	92 039	8 929,138	130 055,177	14,565	14,100
4							54	49	91 342	8 479,864	121 126,039	14,284	13,818
5	0	99 510	79 851,765	1 741 072,637	21,804	21,338	55	50	90 566	8 045,835	112 646,175	14,001	13,535
6	1	99 180	76 159,866	1 661 220,872	21,812	21,347	56	51	89 731	7 628,384	104 600,340	13,712	13,246
7	2	99 141	72 851,851	1 585 061,006	21,757	21,292	57	52	88 841	7 227,464	96 971,956	13,417	12,952
8	3	99 116	69 696,710	1 512 209,155	21,697	21,231	58	53	87 889	6 842,139	89 744,492	13,116	12,651
9	4	99 092	66 679,442	1 442 512,446	21,634	21,168	59	54	86 848	6 469,882	82 902,353	12,814	12,348
10	5	99 072	63 794,954	1 375 833,004	21,566	21,101	60	55	85 740	6 112,318	76 432,472	12,505	12,039
11	6	99 054	61 036,822	1 312 038,050	21,496	21,030	61	56	84 526	5 766,270	70 320,154	12,195	11,729
12	7	99 036	58 398,081	1 251 001,228	21,422	20,956	62	57	83 258	5 435,234	64 553,884	11,877	11,411
13	8	99 018	55 872,819	1 192 603,147	21,345	20,879	63	58	81 896	5 116,040	59 118,649	11,556	11,090
14	9	99 003	53 458,811	1 136 730,328	21,264	20,798	64	59	80 451	4 809,404	54 002,609	11,229	10,763
15	10	98 980	51 145,073	1 083 271,517	21,180	20,715	65	60	78 916	4 514,477	49 193,206	10,897	10,431
16	11	98 952	48 928,936	1 032 126,444	21,094	20,629	66	61	77 261	4 229,487	44 678,728	10,564	10,098
17	12	98 915	46 804,347	983 197,508	21,007	20,541	67	62	75 542	3 957,257	40 449,242	10,222	9,756
18	13	98 874	44 770,124	936 393,162	20,916	20,450	68	63	73 714	3 695,247	36 491,984	9,875	9,410
19	14	98 809	42 814,203	891 623,038	20,825	20,360	69	64	71 784	3 443,511	32 796,737	9,524	9,059
20	15	98 743	40 943,118	848 808,835	20,731	20,266	70	65	69 727	3 200,793	29 353,226	9,171	8,705
21	16	98 671	39 151,303	807 865,718	20,634	20,169	71	66	67 555	2 967,553	26 152,433	8,813	8,347
22	17	98 599	37 438,215	768 714,415	20,533	20,067	72	67	65 268	2 743,663	23 184,880	8,450	7,985
23	18	98 526	35 799,600	731 276,200	20,427	19,961	73	68	62 798	2 526,143	20 441,217	8,092	7,626
24	19	98 451	34 231,643	695 476,600	20,317	19,851	74	69	60 190	2 316,946	17 915,074	7,732	7,267
25	20	98 373	32 731,641	661 244,957	20,202	19,736	75	70	57 381	2 113,705	15 598,128	7,380	6,914
26	21	98 294	31 296,976	628 513,316	20,082	19,617	76	71	54 443	1 919,137	13 484,424	7,026	6,561
27	22	98 212	29 924,499	597 216,340	19,957	19,492	77	72	51 345	1 731,969	11 565,287	6,678	6,212
28	23	98 128	28 611,184	567 291,841	19,828	19,362	78	73	48 038	1 550,644	9 833,318	6,341	5,876
29	24	98 045	27 355,933	538 680,658	19,692	19,226	79	74	44 579	1 377,022	8 282,674	6,015	5,549
30	25	97 959	26 155,137	511 324,725	19,550	19,084	80	75	41 069	1 213,971	6 905,652	5,688	5,223
31	26	97 872	25 006,639	485 169,588	19,402	18,936	81	76	37 427	1 058,685	5 691,681	5,376	4,911
32	27	97 774	23 905,672	460 162,949	19,249	18,783	82	77	33 747	913,493	4 632,996	5,072	4,606
33	28	97 676	22 853,262	436 257,277	19,089	18,624	83	78	30 072	778,950	3 719,503	4,775	4,309
34	29	97 579	21 847,592	413 404,015	18,922	18,457	84	79	26 447	655,548	2 940,553	4,486	4,020
35	30	97 473	20 884,100	391 556,423	18,749	18,283	85	80	22 901	543,217	2 285,005	4,206	3,741
36	31	97 362	19 962,008	370 672,323	18,569	18,103	86	81	19 437	441,186	1 741,788	3,948	3,482
37	32	97 242	19 078,753	350 710,315	18,382	17,917	87	82	16 154	350,877	1 300,602	3,707	3,241
38	33	97 112	18 232,831	331 631,562	18,189	17,723	88	83	13 074	271,743	949,725	3,495	3,029
39	34	96 972	17 422,594	313 398,732	17,988	17,522	89	84	10 380	206,472	677,982	3,284	2,818
40	35	96 819	16 646,010	295 976,138	17,781	17,315	90	85	8 033	152,895	471,510	3,084	2,618
41	36	96 646	15 900,699	279 330,128	17,567	17,102	91	86	6 100	111,104	318,615	2,868	2,402
42	37	96 457	15 186,293	263 429,429	17,347	16,881	92	87	4 440	77,391	207,511	2,681	2,216
43	38	96 251	14 501,262	248 243,135	17,119	16,653	93	88	3 077	51,323	130,120	2,535	2,070
44	39	96 009	13 841,953	233 741,874	16,886	16,421	94	89	2 061	32,892	78,797	2,396	1,930
45	40	95 738	13 208,404	219 899,920	16,648	16,183	95	90	1 324	20,228	45,904	2,269	1,804
46	41	95 439	12 600,165	206 691,516	16,404	15,938	96	91	821	12,001	25,676	2,140	1,674
47	42	95 097	12 014,371	194 091,351	16,155	15,689	97	92	481	6,724	13,675	2,034	1,568
48	43	94 713	11 450,600	182 076,980	15,901	15,435	98	93	268	3,591	6,951	1,936	1,470
49	44	94 279	10 907,291	170 626,380	15,643	15,178	99	94	142	1,819	3,360	1,847	1,381
							100	95	71	0,872	1,541	1,766	1,301

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	10 396,941	160 592,214	15,446	14,980
1							51	45	93 405	9 895,521	150 195,273	15,178	14,712
2							52	46	92 831	9 411,188	140 299,752	14,908	14,442
3							53	47	92 199	8 944,661	130 888,564	14,633	14,168
4							54	48	91 511	8 495,606	121 943,903	14,354	13,888
5							55	49	90 756	8 062,702	113 448,297	14,071	13,605
6	0	99 498	76 404,330	1 662 634,126	21,761	21,295	56	50	89 942	7 646,249	105 385,594	13,783	13,317
7	1	99 170	72 872,571	1 586 229,795	21,767	21,302	57	51	89 063	7 245,511	97 739,345	13,490	13,024
8	2	99 132	69 707,948	1 513 357,224	21,710	21,244	58	52	88 134	6 861,150	90 493,834	13,189	12,724
9	3	99 106	66 689,004	1 443 649,276	21,647	21,182	59	53	87 112	6 489,605	83 632,684	12,887	12,422
10	4	99 083	63 802,601	1 376 960,272	21,582	21,116	60	54	86 014	6 131,855	77 143,080	12,581	12,115
11	5	99 063	61 042,344	1 313 157,672	21,512	21,047	61	55	84 831	5 787,089	71 011,225	12,271	11,805
12	6	99 044	58 402,763	1 252 115,328	21,439	20,974	62	56	83 575	5 455,928	65 224,136	11,955	11,489
13	7	99 026	55 877,487	1 193 712,564	21,363	20,897	63	57	82 235	5 137,238	59 768,208	11,634	11,169
14	8	99 009	53 462,131	1 137 835,077	21,283	20,817	64	58	80 820	4 831,433	54 630,970	11,307	10,842
15	9	98 986	51 148,320	1 084 372,946	21,201	20,735	65	59	79 295	4 536,153	49 799,536	10,978	10,513
16	10	98 960	48 932,878	1 033 224,626	21,115	20,650	66	60	77 686	4 252,740	45 263,384	10,643	10,178
17	11	98 923	46 808,064	984 291,748	21,028	20,563	67	61	75 973	3 979,885	41 010,644	10,304	9,839
18	12	98 881	44 773,556	937 483,683	20,938	20,473	68	62	74 180	3 718,581	37 030,759	9,958	9,493
19	13	98 819	42 818,415	892 710,128	20,849	20,383	69	63	72 266	3 466,629	33 312,178	9,609	9,144
20	14	98 755	40 948,187	849 891,713	20,755	20,290	70	64	70 232	3 223,992	29 845,549	9,257	8,792
21	15	98 684	39 156,611	808 943,526	20,659	20,194	71	65	68 082	2 990,708	26 621,557	8,901	8,436
22	16	98 615	37 444,234	769 786,915	20,558	20,093	72	66	65 809	2 766,402	23 630,849	8,542	8,076
23	17	98 544	35 805,885	732 342,681	20,453	19,988	73	67	63 370	2 549,135	20 864,447	8,185	7,719
24	18	98 472	34 239,122	696 536,796	20,343	19,878	74	68	60 785	2 339,865	18 315,312	7,828	7,362
25	19	98 394	32 738,681	662 297,673	20,230	19,764	75	69	58 017	2 137,144	15 975,447	7,475	7,010
26	20	98 314	31 303,581	629 558,992	20,111	19,646	76	70	55 102	1 942,344	13 838,302	7,125	6,659
27	21	98 234	29 930,969	598 255,411	19,988	19,522	77	71	52 039	1 755,391	11 895,958	6,777	6,311
28	22	98 150	28 617,760	568 324,443	19,859	19,394	78	72	48 793	1 575,018	10 140,567	6,438	5,973
29	23	98 067	27 362,157	539 706,683	19,725	19,259	79	73	45 365	1 401,314	8 565,550	6,113	5,647
30	24	97 982	26 161,085	512 344,526	19,584	19,119	80	74	41 878	1 237,892	7 164,235	5,787	5,322
31	25	97 894	25 012,212	486 183,442	19,438	18,972	81	75	38 280	1 082,811	5 926,343	5,473	5,007
32	26	97 800	23 912,060	461 171,229	19,286	18,821	82	76	34 625	937,250	4 843,532	5,168	4,702
33	27	97 701	22 859,163	437 259,169	19,128	18,663	83	77	30 969	802,177	3 906,282	4,870	4,404
34	28	97 605	21 853,268	414 400,006	18,963	18,497	84	78	27 357	678,100	3 104,105	4,578	4,112
35	29	97 500	20 889,894	392 546,739	18,791	18,326	85	79	23 795	564,411	2 426,005	4,298	3,833
36	30	97 389	19 967,488	371 656,844	18,613	18,147	86	80	20 318	461,189	1 861,594	4,037	3,571
37	31	97 273	19 084,975	351 689,356	18,428	17,962	87	81	16 995	369,148	1 400,405	3,794	3,328
38	32	97 146	18 239,148	332 604,381	18,236	17,770	88	82	13 862	288,128	1 031,257	3,579	3,114
39	33	97 007	17 428,900	314 365,234	18,037	17,571	89	83	11 101	220,816	743,128	3,365	2,900
40	34	96 859	16 652,768	296 936,334	17,831	17,365	90	84	8 674	165,111	522,312	3,163	2,698
41	35	96 687	15 907,478	280 283,566	17,620	17,154	91	85	6 669	121,464	357,201	2,941	2,475
42	36	96 502	15 193,378	264 376,088	17,401	16,935	92	86	4 915	85,671	235,737	2,752	2,286
43	37	96 302	14 508,903	249 182,710	17,174	16,709	93	87	3 476	57,970	150,066	2,589	2,123
44	38	96 066	13 850,119	234 673,806	16,944	16,478	94	88	2 356	37,611	92,096	2,449	1,983
45	39	95 805	13 217,700	220 823,687	16,707	16,241	95	89	1 540	23,515	54,484	2,317	1,851
46	40	95 507	12 609,153	207 605,988	16,465	15,999	96	90	964	14,089	30,969	2,198	1,733
47	41	95 176	12 024,363	194 996,834	16,217	15,751	97	91	581	8,132	16,881	2,076	1,610
48	42	94 803	11 461,442	182 972,472	15,964	15,499	98	92	331	4,427	8,748	1,976	1,510
49	43	94 379	10 918,816	171 511,030	15,708	15,242	99	93	179	2,294	4,321	1,884	1,418
							100	94	92	1,126	2,027	1,800	1,334

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	10 407,927	161 393,636	15,507	15,041
1							51	44	93 511	9 906,723	150 985,709	15,241	14,775
2							52	45	92 956	9 423,935	141 078,986	14,970	14,505
3							53	46	92 342	8 958,555	131 655,051	14,696	14,230
4							54	47	91 670	8 510,375	122 696,496	14,417	13,952
5							55	48	90 925	8 077,670	114 186,121	14,136	13,670
6							56	49	90 130	7 662,279	106 108,451	13,848	13,383
7	0	99 488	73 106,484	1 587 536,763	21,715	21,250	57	50	89 272	7 262,480	98 446,172	13,555	13,090
8	1	99 160	69 727,774	1 514 430,280	21,719	21,254	58	51	88 354	6 878,282	91 183,692	13,257	12,791
9	2	99 122	66 699,757	1 444 702,506	21,660	21,194	59	52	87 354	6 507,636	84 305,410	12,955	12,489
10	3	99 098	63 811,750	1 378 002,749	21,595	21,129	60	53	86 276	6 150,548	77 797,774	12,649	12,183
11	4	99 075	61 049,661	1 314 190,999	21,527	21,061	61	54	85 102	5 805,587	71 647,226	12,341	11,875
12	5	99 053	58 408,047	1 253 141,338	21,455	20,989	62	55	83 877	5 475,627	65 841,640	12,024	11,559
13	6	99 034	55 881,968	1 194 733,291	21,380	20,914	63	56	82 548	5 156,797	60 366,013	11,706	11,240
14	7	99 017	53 466,598	1 138 851,323	21,300	20,835	64	57	81 155	4 851,452	55 209,216	11,380	10,914
15	8	98 993	51 151,497	1 085 384,725	21,219	20,753	65	58	79 658	4 556,931	50 357,764	11,051	10,585
16	9	98 967	48 935,985	1 034 233,228	21,134	20,669	66	59	78 059	4 273,159	45 800,833	10,718	10,253
17	10	98 931	46 811,835	985 297,243	21,048	20,582	67	60	76 391	4 001,766	41 527,675	10,377	9,912
18	11	98 889	44 777,112	938 485,408	20,959	20,493	68	61	74 604	3 739,843	37 525,909	10,034	9,568
19	12	98 826	42 821,697	893 708,296	20,870	20,405	69	62	72 722	3 488,518	33 786,065	9,685	9,219
20	13	98 765	40 952,216	850 886,599	20,778	20,312	70	63	70 703	3 245,636	30 297,547	9,335	8,869
21	14	98 696	39 161,459	809 934,383	20,682	20,216	71	64	68 575	3 012,385	27 051,910	8,980	8,515
22	15	98 628	37 449,311	770 772,924	20,582	20,116	72	65	66 323	2 787,988	24 039,526	8,623	8,157
23	16	98 560	35 811,642	733 323,613	20,477	20,012	73	66	63 895	2 570,262	21 251,538	8,268	7,803
24	17	98 489	34 245,134	697 511,971	20,368	19,903	74	67	61 338	2 361,162	18 681,276	7,912	7,446
25	18	98 415	32 745,834	663 266,837	20,255	19,789	75	68	58 591	2 158,285	16 320,114	7,562	7,096
26	19	98 336	31 310,314	630 521,003	20,138	19,672	76	69	55 713	1 963,883	14 161,829	7,211	6,746
27	20	98 254	29 937,285	599 210,689	20,016	19,550	77	70	52 668	1 776,618	12 197,946	6,866	6,400
28	21	98 172	28 623,947	569 273,404	19,888	19,422	78	71	49 453	1 596,317	10 421,327	6,528	6,063
29	22	98 090	27 368,446	540 649,457	19,754	19,289	79	72	46 078	1 423,341	8 825,010	6,200	5,735
30	23	98 004	26 167,036	513 281,012	19,616	19,150	80	73	42 617	1 259,730	7 401,669	5,876	5,410
31	24	97 916	25 017,900	487 113,975	19,471	19,005	81	74	39 034	1 104,148	6 141,939	5,563	5,097
32	25	97 822	23 917,390	462 096,075	19,321	18,855	82	75	35 414	958,609	5 037,791	5,255	4,790
33	26	97 727	22 865,271	438 178,685	19,164	18,698	83	76	31 774	823,039	4 079,182	4,956	4,491
34	27	97 630	21 858,910	415 313,413	19,000	18,534	84	77	28 172	698,319	3 256,143	4,663	4,197
35	28	97 526	20 895,322	393 454,503	18,830	18,364	85	78	24 613	583,828	2 557,824	4,381	3,916
36	29	97 416	19 973,028	372 559,181	18,653	18,188	86	79	21 111	479,183	1 973,996	4,120	3,654
37	30	97 300	19 090,214	352 586,154	18,469	18,004	87	80	17 765	385,885	1 494,813	3,874	3,408
38	31	97 177	18 245,096	333 495,940	18,279	17,813	88	81	14 584	303,132	1 108,928	3,658	3,193
39	32	97 041	17 434,938	315 250,844	18,082	17,616	89	82	11 771	234,131	805,796	3,442	2,976
40	33	96 894	16 658,795	297 815,906	17,877	17,412	90	83	9 277	176,582	571,665	3,237	2,772
41	34	96 727	15 913,937	281 157,111	17,667	17,202	91	84	7 201	131,169	395,084	3,012	2,546
42	35	96 544	15 199,856	265 243,174	17,450	16,985	92	85	5 373	93,660	263,915	2,818	2,352
43	36	96 347	14 515,672	250 043,318	17,226	16,760	93	86	3 847	64,172	170,255	2,653	2,187
44	37	96 117	13 857,418	235 527,646	16,997	16,531	94	87	2 662	42,482	106,082	2,497	2,031
45	38	95 862	13 225,497	221 670,229	16,761	16,295	95	88	1 760	26,888	63,600	2,365	1,900
46	39	95 574	12 618,027	208 444,731	16,520	16,054	96	89	1 121	16,378	36,712	2,242	1,776
47	40	95 244	12 032,940	195 826,704	16,274	15,809	97	90	683	9,547	20,334	2,130	1,664
48	41	94 882	11 470,974	183 793,765	16,023	15,557	98	91	400	5,354	10,787	2,015	1,549
49	42	94 468	10 929,155	172 322,791	15,767	15,302	99	92	221	2,828	5,432	1,921	1,455
							100	93	116	1,420	2,604	1,834	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	10 417,782	162 128,577	15,563	15,097
1							51	43	93 609	9 917,191	151 710,796	15,298	14,832
2							52	44	93 062	9 434,604	141 793,604	15,029	14,563
3							53	45	92 468	8 970,688	132 359,000	14,755	14,289
4							54	46	91 813	8 523,595	123 388,312	14,476	14,010
5							55	47	91 083	8 091,713	114 864,717	14,195	13,730
6							56	48	90 297	7 676,504	106 773,005	13,909	13,443
7							57	49	89 459	7 277,705	99 096,501	13,616	13,151
8	0	99 478	69 951,592	1 515 638,835	21,667	21,201	58	50	88 561	6 894,391	91 818,796	13,318	12,852
9	1	99 150	66 718,727	1 445 687,243	21,668	21,203	59	51	87 572	6 523,886	84 924,406	13,017	12,552
10	2	99 114	63 822,039	1 378 968,516	21,606	21,141	60	52	86 516	6 167,637	78 400,520	12,712	12,246
11	3	99 089	61 058,416	1 315 146,476	21,539	21,074	61	53	85 361	5 823,285	72 232,883	12,404	11,939
12	4	99 065	58 415,048	1 254 088,061	21,469	21,003	62	54	84 145	5 493,129	66 409,598	12,090	11,624
13	5	99 043	55 887,023	1 195 673,013	21,394	20,929	63	55	82 846	5 175,416	60 916,469	11,770	11,305
14	6	99 025	53 470,885	1 139 785,990	21,316	20,850	64	56	81 464	4 869,923	55 741,054	11,446	10,980
15	7	99 001	51 155,771	1 086 315,104	21,235	20,770	65	57	79 988	4 575,812	50 871,131	11,117	10,652
16	8	98 973	48 939,024	1 035 159,333	21,152	20,686	66	58	78 417	4 292,732	46 295,319	10,785	10,319
17	9	98 937	46 814,807	986 220,309	21,066	20,601	67	59	76 758	4 020,980	42 002,587	10,446	9,980
18	10	98 897	44 780,719	939 405,502	20,978	20,512	68	60	75 014	3 760,405	37 981,607	10,100	9,635
19	11	98 834	42 825,098	894 624,782	20,890	20,425	69	61	73 138	3 508,466	34 221,202	9,754	9,288
20	12	98 773	40 955,355	851 799,684	20,798	20,333	70	62	71 150	3 266,131	30 712,737	9,403	8,938
21	13	98 706	39 165,312	810 844,329	20,703	20,238	71	63	69 036	3 032,608	27 446,606	9,050	8,585
22	14	98 641	37 453,948	771 679,017	20,603	20,138	72	64	66 804	2 808,195	24 413,998	8,694	8,228
23	15	98 573	35 816,498	734 225,070	20,500	20,034	73	65	64 394	2 590,317	21 605,803	8,341	7,875
24	16	98 505	34 250,640	698 408,572	20,391	19,925	74	66	61 847	2 380,731	19 015,486	7,987	7,522
25	17	98 433	32 751,583	664 157,932	20,279	19,813	75	67	59 124	2 177,929	16 634,755	7,638	7,172
26	18	98 357	31 317,155	631 406,349	20,162	19,696	76	68	56 264	1 983,310	14 456,826	7,289	6,824
27	19	98 276	29 943,725	600 089,194	20,041	19,575	77	69	53 252	1 796,320	12 473,515	6,944	6,478
28	20	98 192	28 629,987	570 145,469	19,914	19,449	78	70	50 051	1 615,621	10 677,196	6,609	6,143
29	21	98 111	27 374,363	541 515,482	19,782	19,316	79	71	46 701	1 442,589	9 061,575	6,281	5,816
30	22	98 026	26 173,051	514 141,119	19,644	19,178	80	72	43 287	1 279,531	7 618,985	5,955	5,489
31	23	97 939	25 023,592	487 968,068	19,500	19,035	81	73	39 723	1 123,626	6 339,454	5,642	5,176
32	24	97 844	23 922,829	462 944,476	19,352	18,886	82	74	36 112	977,498	5 215,828	5,336	4,870
33	25	97 749	22 870,368	439 021,647	19,196	18,730	83	75	32 498	841,795	4 238,330	5,035	4,569
34	26	97 656	21 864,752	416 151,280	19,033	18,567	84	76	28 905	716,480	3 396,534	4,741	4,275
35	27	97 551	20 900,717	394 286,528	18,865	18,399	85	77	25 347	601,236	2 680,054	4,458	3,992
36	28	97 441	19 978,217	373 385,811	18,690	18,224	86	78	21 837	495,668	2 078,818	4,194	3,728
37	29	97 327	19 095,510	353 407,594	18,507	18,042	87	79	18 459	400,941	1 583,150	3,949	3,483
38	30	97 204	18 250,104	334 312,084	18,318	17,853	88	80	15 245	316,876	1 182,209	3,731	3,265
39	31	97 073	17 440,624	316 061,980	18,122	17,657	89	81	12 384	246,323	865,333	3,513	3,047
40	32	96 927	16 664,567	298 621,355	17,920	17,454	90	82	9 836	187,229	619,011	3,306	2,841
41	33	96 762	15 919,696	281 956,789	17,711	17,246	91	83	7 702	140,281	431,782	3,078	2,612
42	34	96 583	15 206,027	266 037,093	17,496	17,030	92	84	5 803	101,143	291,500	2,882	2,416
43	35	96 388	14 521,861	250 831,066	17,273	16,807	93	85	4 206	70,156	190,357	2,713	2,248
44	36	96 162	13 863,882	236 309,205	17,045	16,579	94	86	2 946	47,027	120,201	2,556	2,090
45	37	95 912	13 232,467	222 445,323	16,811	16,345	95	87	1 988	30,371	73,173	2,409	1,944
46	38	95 631	12 625,471	209 212,856	16,571	16,105	96	88	1 281	18,728	42,803	2,286	1,820
47	39	95 311	12 041,408	196 587,385	16,326	15,860	97	89	793	11,098	24,075	2,169	1,704
48	40	94 949	11 479,156	184 545,977	16,077	15,611	98	90	470	6,286	12,977	2,064	1,599
49	41	94 547	10 938,244	173 066,821	15,822	15,357	99	91	267	3,421	6,691	1,956	1,490
							100	92	143	1,751	3,270	1,868	1,402

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	10 426,446	162 801,867	15,614	15,149
1							51	42	93 698	9 926,581	152 375,422	15,350	14,885
2							52	43	93 160	9 444,573	142 448,840	15,083	14,617
3							53	44	92 572	8 980,844	133 004,267	14,810	14,344
4							54	45	91 937	8 535,139	124 023,423	14,531	14,065
5							55	46	91 224	8 104,282	115 488,284	14,250	13,785
6							56	47	90 454	7 689,849	107 384,003	13,964	13,499
7							57	48	89 625	7 291,215	99 694,154	13,673	13,208
8							58	49	88 746	6 908,844	92 402,939	13,375	12,909
9	0	99 469	66 932,887	1 446 804,809	21,616	21,150	59	50	87 778	6 539,164	85 494,094	13,074	12,609
10	1	99 142	63 840,191	1 379 871,922	21,614	21,149	60	51	86 732	6 183,038	78 954,930	12,770	12,304
11	2	99 105	61 068,261	1 316 031,731	21,550	21,085	61	52	85 599	5 839,465	72 771,892	12,462	11,996
12	3	99 079	58 423,425	1 254 963,470	21,480	21,015	62	53	84 402	5 509,874	66 932,427	12,148	11,682
13	4	99 055	55 893,722	1 196 540,045	21,407	20,942	63	54	83 111	5 191,958	61 422,553	11,830	11,365
14	5	99 034	53 475,723	1 140 646,323	21,330	20,865	64	55	81 758	4 887,506	56 230,595	11,505	11,039
15	6	99 009	51 159,873	1 087 170,600	21,250	20,785	65	56	80 293	4 593,233	51 343,089	11,178	10,712
16	7	98 981	48 943,113	1 036 010,727	21,168	20,702	66	57	78 742	4 310,518	46 749,856	10,846	10,380
17	8	98 943	46 817,715	987 067,614	21,083	20,618	67	58	77 110	4 039,398	42 439,337	10,506	10,041
18	9	98 904	44 783,562	940 249,899	20,995	20,530	68	59	75 374	3 778,460	38 399,939	10,163	9,697
19	10	98 842	42 828,549	895 466,337	20,908	20,443	69	60	73 540	3 527,755	34 621,480	9,814	9,348
20	11	98 780	40 958,608	852 637,788	20,817	20,351	70	61	71 557	3 284,806	31 093,724	9,466	9,000
21	12	98 714	39 168,314	811 679,180	20,723	20,257	71	62	69 471	3 051,757	27 808,918	9,112	8,647
22	13	98 650	37 457,632	772 510,866	20,624	20,158	72	63	67 252	2 827,047	24 757,161	8,757	8,292
23	14	98 585	35 820,932	735 053,234	20,520	20,055	73	64	64 860	2 609,092	21 930,114	8,405	7,940
24	15	98 519	34 255,284	699 232,302	20,412	19,947	74	65	62 329	2 399,308	19 321,022	8,053	7,587
25	16	98 449	32 756,849	664 977,018	20,300	19,835	75	66	59 614	2 195,979	16 921,714	7,706	7,240
26	17	98 374	31 322,653	632 220,169	20,184	19,719	76	67	56 776	2 001,362	14 725,735	7,358	6,892
27	18	98 297	29 950,267	600 897,515	20,063	19,598	77	68	53 779	1 814,089	12 724,373	7,014	6,549
28	19	98 213	28 636,146	570 947,249	19,938	19,472	78	69	50 606	1 633,537	10 910,284	6,679	6,213
29	20	98 131	27 380,139	542 311,103	19,807	19,341	79	70	47 266	1 460,034	9 276,747	6,354	5,888
30	21	98 048	26 178,709	514 930,963	19,670	19,204	80	71	43 872	1 296,835	7 816,713	6,028	5,562
31	22	97 961	25 029,344	488 752,254	19,527	19,062	81	72	40 347	1 141,288	6 519,878	5,713	5,247
32	23	97 866	23 928,272	463 722,910	19,380	18,914	82	73	36 749	994,743	5 378,590	5,407	4,941
33	24	97 771	22 875,569	439 794,639	19,226	18,760	83	74	33 139	858,383	4 383,847	5,107	4,641
34	25	97 678	21 869,625	416 919,070	19,064	18,598	84	75	29 564	732,808	3 525,465	4,811	4,345
35	26	97 577	20 906,302	395 049,445	18,896	18,431	85	76	26 006	616,872	2 792,657	4,527	4,062
36	27	97 466	19 983,375	374 143,143	18,723	18,257	86	77	22 488	510,448	2 175,784	4,263	3,797
37	28	97 352	19 100,471	354 159,768	18,542	18,076	87	78	19 094	414,734	1 665,337	4,015	3,550
38	29	97 231	18 255,168	335 059,296	18,354	17,889	88	79	15 840	329,239	1 250,603	3,798	3,333
39	30	97 099	17 445,412	316 804,129	18,160	17,694	89	80	12 945	257,491	921,363	3,578	3,113
40	31	96 959	16 670,001	299 358,717	17,958	17,492	90	81	10 349	196,979	663,873	3,370	2,905
41	32	96 795	15 925,212	282 688,715	17,751	17,285	91	82	8 166	148,740	466,894	3,139	2,673
42	33	96 618	15 211,530	266 763,503	17,537	17,071	92	83	6 206	108,170	318,154	2,941	2,476
43	34	96 427	14 527,756	251 551,973	17,315	16,850	93	84	4 542	75,762	209,984	2,772	2,306
44	35	96 203	13 869,793	237 024,217	17,089	16,624	94	85	3 221	51,413	134,223	2,611	2,145
45	36	95 957	13 238,640	223 154,424	16,856	16,391	95	86	2 201	33,620	82,810	2,463	1,997
46	37	95 681	12 632,124	209 915,783	16,618	16,152	96	87	1 447	21,153	49,190	2,325	1,860
47	38	95 367	12 048,511	197 283,660	16,374	15,908	97	88	907	12,690	28,037	2,209	1,744
48	39	95 016	11 487,235	185 235,148	16,125	15,660	98	89	546	7,307	15,347	2,100	1,635
49	40	94 614	10 946,046	173 747,913	15,873	15,408	99	90	314	4,016	8,039	2,002	1,536
							100	91	173	2,118	4,024	1,900	1,434

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	10 433,883	163 417,958	15,662	15,197
1							51	41	93 776	9 934,837	152 984,075	15,399	14,933
2							52	42	93 248	9 453,516	143 049,238	15,132	14,666
3							53	43	92 670	8 990,334	133 595,722	14,860	14,394
4							54	44	92 041	8 544,802	124 605,389	14,583	14,117
5							55	45	91 348	8 115,258	116 060,587	14,302	13,836
6							56	46	90 595	7 701,793	107 945,329	14,016	13,550
7							57	47	89 781	7 303,891	100 243,536	13,725	13,259
8							58	48	88 911	6 921,670	92 939,645	13,427	12,962
9							59	49	87 962	6 552,873	86 017,975	13,127	12,661
10	0	99 460	64 045,111	1 380 905,465	21,561	21,096	60	50	86 935	6 197,518	79 465,102	12,822	12,356
11	1	99 133	61 085,630	1 316 860,354	21,558	21,092	61	51	85 812	5 854,046	73 267,584	12,516	12,050
12	2	99 095	58 432,845	1 255 774,724	21,491	21,025	62	52	84 636	5 525,184	67 413,538	12,201	11,736
13	3	99 069	55 901,737	1 197 341,879	21,419	20,953	63	53	83 364	5 207,785	61 888,354	11,884	11,418
14	4	99 046	53 482,132	1 141 440,142	21,342	20,877	64	54	82 019	4 903,128	56 680,569	11,560	11,094
15	5	99 018	51 164,501	1 087 958,009	21,264	20,798	65	55	80 583	4 609,817	51 777,441	11,232	10,766
16	6	98 989	48 947,038	1 036 793,508	21,182	20,716	66	56	79 041	4 326,930	47 167,623	10,901	10,435
17	7	98 952	46 821,627	987 846,470	21,098	20,632	67	57	77 429	4 056,135	42 840,693	10,562	10,096
18	8	98 910	44 786,344	941 024,844	21,011	20,546	68	58	75 719	3 795,767	38 784,558	10,218	9,752
19	9	98 849	42 831,268	896 238,499	20,925	20,459	69	59	73 893	3 544,693	34 988,791	9,871	9,405
20	10	98 788	40 961,908	853 407,232	20,834	20,369	70	60	71 950	3 302,866	31 444,099	9,520	9,055
21	11	98 721	39 171,425	812 445,324	20,741	20,275	71	61	69 869	3 069,207	28 141,233	9,169	8,703
22	12	98 658	37 460,504	773 273,899	20,642	20,177	72	62	67 677	2 844,898	25 072,026	8,813	8,347
23	13	98 595	35 824,456	735 813,395	20,539	20,074	73	63	65 296	2 626,608	22 227,127	8,462	7,997
24	14	98 531	34 259,525	699 988,939	20,432	19,966	74	64	62 781	2 416,698	19 600,519	8,110	7,645
25	15	98 462	32 761,291	665 729,414	20,321	19,855	75	65	60 079	2 213,114	17 183,821	7,765	7,299
26	16	98 390	31 327,690	632 968,123	20,205	19,739	76	66	57 246	2 017,949	14 970,707	7,419	6,953
27	17	98 314	29 955,525	601 640,434	20,084	19,619	77	67	54 269	1 830,600	12 952,758	7,076	6,610
28	18	98 235	28 642,402	571 684,909	19,959	19,494	78	68	51 106	1 649,696	11 122,158	6,742	6,276
29	19	98 153	27 386,029	543 042,506	19,829	19,364	79	69	47 790	1 476,225	9 472,462	6,417	5,951
30	20	98 068	26 184,234	515 656,477	19,693	19,228	80	70	44 403	1 312,517	7 996,237	6,092	5,627
31	21	97 982	25 034,755	489 472,244	19,552	19,086	81	71	40 893	1 156,722	6 683,720	5,778	5,313
32	22	97 889	23 933,771	464 437,489	19,405	18,939	82	72	37 327	1 010,378	5 526,998	5,470	5,005
33	23	97 793	22 880,773	440 503,717	19,252	18,787	83	73	33 723	873,525	4 516,620	5,171	4,705
34	24	97 700	21 874,598	417 622,944	19,092	18,626	84	74	30 146	747,248	3 643,094	4,875	4,410
35	25	97 599	20 910,962	395 748,346	18,925	18,460	85	75	26 599	630,930	2 895,846	4,590	4,124
36	26	97 493	19 988,715	374 837,384	18,752	18,287	86	76	23 073	523,723	2 264,916	4,325	3,859
37	27	97 378	19 105,403	354 848,669	18,573	18,108	87	77	19 663	427,100	1 741,193	4,077	3,611
38	28	97 256	18 259,910	335 743,266	18,387	17,921	88	78	16 385	340,566	1 314,093	3,859	3,393
39	29	97 126	17 450,252	317 483,355	18,194	17,728	89	79	13 450	267,537	973,527	3,639	3,173
40	30	96 985	16 674,578	300 033,103	17,993	17,528	90	80	10 818	205,910	705,990	3,429	2,963
41	31	96 827	15 930,406	283 358,525	17,787	17,322	91	81	8 591	156,485	500,080	3,196	2,730
42	32	96 651	15 216,800	267 428,120	17,575	17,109	92	82	6 580	114,692	343,595	2,996	2,530
43	33	96 462	14 533,014	252 211,319	17,354	16,889	93	83	4 858	81,025	228,903	2,825	2,359
44	34	96 242	13 875,424	237 678,305	17,129	16,664	94	84	3 478	55,520	147,878	2,664	2,198
45	35	95 998	13 244,284	223 802,881	16,898	16,432	95	85	2 406	36,755	92,358	2,513	2,047
46	36	95 726	12 638,017	210 558,597	16,661	16,195	96	86	1 602	23,416	55,603	2,375	1,909
47	37	95 417	12 054,861	197 920,580	16,418	15,953	97	87	1 025	14,334	32,187	2,245	1,780
48	38	95 072	11 494,011	185 865,719	16,171	15,705	98	88	624	8,355	17,852	2,137	1,671
49	39	94 681	10 953,750	174 371,708	15,919	15,453	99	89	364	4,668	9,497	2,034	1,569
							100	90	203	2,486	4,829	1,942	1,477

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	10 441,226	163 982,090	15,705	15,240
1							51	40	93 843	9 941,924	153 540,864	15,444	14,978
2							52	41	93 326	9 461,378	143 598,940	15,177	14,712
3							53	42	92 758	8 998,846	134 137,562	14,906	14,440
4							54	43	92 138	8 553,831	125 138,716	14,630	14,164
5							55	44	91 451	8 124,445	116 584,886	14,350	13,884
6							56	45	90 718	7 712,225	108 460,441	14,063	13,598
7							57	46	89 920	7 315,236	100 748,216	13,772	13,307
8							58	47	89 066	6 933,703	93 432,980	13,475	13,010
9							59	48	88 125	6 565,038	86 499,277	13,176	12,710
10							60	49	87 117	6 210,511	79 934,239	12,871	12,405
11	0	99 451	61 281,707	1 317 816,381	21,504	21,039	61	50	86 013	5 867,756	73 723,728	12,564	12,099
12	1	99 123	58 449,464	1 256 534,674	21,498	21,032	62	51	84 848	5 538,980	67 855,972	12,251	11,785
13	2	99 085	55 910,751	1 198 085,209	21,429	20,963	63	52	83 596	5 222,255	62 316,992	11,933	11,467
14	3	99 060	53 489,802	1 142 174,458	21,353	20,888	64	53	82 269	4 918,075	57 094,737	11,609	11,144
15	4	99 030	51 170,634	1 088 684,656	21,276	20,810	65	54	80 840	4 624,552	52 176,662	11,283	10,817
16	5	98 998	48 951,466	1 037 514,022	21,195	20,729	66	55	79 327	4 342,553	47 552,110	10,950	10,485
17	6	98 960	46 825,381	988 562,557	21,112	20,646	67	56	77 724	4 071,578	43 209,557	10,612	10,147
18	7	98 918	44 790,086	941 737,175	21,026	20,560	68	57	76 033	3 811,494	39 137,979	10,268	9,803
19	8	98 855	42 833,928	896 947,089	20,940	20,474	69	58	74 231	3 560,929	35 326,485	9,921	9,455
20	9	98 795	40 964,508	854 113,161	20,850	20,384	70	59	72 296	3 318,724	31 765,556	9,572	9,106
21	10	98 729	39 174,581	813 148,652	20,757	20,291	71	60	70 253	3 086,081	28 446,832	9,218	8,752
22	11	98 666	37 463,479	773 974,071	20,659	20,194	72	61	68 064	2 861,165	25 360,750	8,864	8,398
23	12	98 602	35 827,202	736 510,592	20,557	20,092	73	62	65 708	2 643,193	22 499,585	8,512	8,047
24	13	98 541	34 262,895	700 683,390	20,450	19,985	74	63	63 202	2 432,922	19 856,392	8,162	7,696
25	14	98 474	32 765,347	666 420,495	20,339	19,874	75	64	60 515	2 229,155	17 423,469	7,816	7,351
26	15	98 404	31 331,937	633 655,148	20,224	19,758	76	65	57 693	2 033,695	15 194,315	7,471	7,006
27	16	98 330	29 960,342	602 323,211	20,104	19,638	77	66	54 718	1 845,772	13 160,620	7,130	6,665
28	17	98 252	28 647,431	572 362,869	19,980	19,514	78	67	51 571	1 664,711	11 314,848	6,797	6,331
29	18	98 174	27 392,012	543 715,438	19,849	19,384	79	68	48 263	1 490,828	9 650,137	6,473	6,007
30	19	98 089	26 189,866	516 323,426	19,715	19,249	80	69	44 895	1 327,072	8 159,309	6,148	5,683
31	20	98 003	25 040,038	490 133,560	19,574	19,108	81	70	41 387	1 170,710	6 832,237	5,836	5,370
32	21	97 910	23 938,946	465 093,522	19,428	18,963	82	71	37 832	1 024,042	5 661,527	5,529	5,063
33	22	97 816	22 886,032	441 154,576	19,276	18,811	83	72	34 253	887,256	4 637,485	5,227	4,761
34	23	97 722	21 879,575	418 268,544	19,117	18,651	84	73	30 678	760,430	3 750,229	4,932	4,466
35	24	97 621	20 915,717	396 388,969	18,952	18,486	85	74	27 123	643,363	2 989,799	4,647	4,182
36	25	97 514	19 993,171	375 473,251	18,780	18,314	86	75	23 599	535,658	2 346,436	4,380	3,915
37	26	97 404	19 110,508	355 480,081	18,601	18,136	87	76	20 174	438,208	1 810,778	4,132	3,667
38	27	97 281	18 264,625	336 369,572	18,416	17,951	88	77	16 873	350,721	1 372,570	3,914	3,448
39	28	97 152	17 454,786	318 104,947	18,225	17,759	89	78	13 913	276,741	1 021,850	3,692	3,227
40	29	97 012	16 679,204	300 650,162	18,025	17,560	90	79	11 240	213,943	745,109	3,483	3,017
41	30	96 853	15 934,779	283 970,958	17,821	17,355	91	80	8 981	163,580	531,166	3,247	2,782
42	31	96 683	15 221,763	268 036,179	17,609	17,143	92	81	6 923	120,665	367,585	3,046	2,581
43	32	96 495	14 538,050	252 814,416	17,390	16,924	93	82	5 151	85,910	246,921	2,874	2,409
44	33	96 276	13 880,446	238 276,367	17,166	16,701	94	83	3 720	59,377	161,010	2,712	2,246
45	34	96 037	13 249,661	224 395,921	16,936	16,470	95	84	2 599	39,692	101,633	2,561	2,095
46	35	95 766	12 643,405	211 146,259	16,700	16,234	96	85	1 751	25,600	61,941	2,420	1,954
47	36	95 462	12 060,485	198 502,854	16,459	15,993	97	86	1 134	15,868	36,341	2,290	1,825
48	37	95 122	11 500,068	186 442,369	16,212	15,747	98	87	705	9,438	20,474	2,169	1,704
49	38	94 736	10 960,211	174 942,301	15,962	15,496	99	88	417	5,338	11,036	2,067	1,602
							100	89	236	2,890	5,698	1,972	1,506



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	10 447,385	164 498,012	15,745	15,280
1							51	39	93 909	9 948,920	154 050,627	15,484	15,019
2							52	40	93 392	9 468,127	144 101,706	15,220	14,754
3							53	41	92 835	9 006,330	134 633,580	14,949	14,483
4							54	42	92 226	8 561,930	125 627,250	14,673	14,207
5							55	43	91 548	8 133,030	117 065,320	14,394	13,928
6							56	44	90 820	7 720,956	108 932,290	14,109	13,643
7							57	45	90 042	7 325,144	101 211,334	13,817	13,351
8							58	46	89 204	6 944,473	93 886,190	13,520	13,054
9							59	47	88 278	6 576,451	86 941,717	13,220	12,755
10							60	48	87 279	6 222,040	80 365,266	12,916	12,451
11							61	49	86 194	5 880,057	74 143,226	12,609	12,144
12	0	99 442	58 637,080	1 257 419,236	21,444	20,978	62	50	85 046	5 551,952	68 263,169	12,295	11,830
13	1	99 113	55 926,653	1 198 782,156	21,435	20,969	63	51	83 805	5 235,295	62 711,217	11,979	11,513
14	2	99 076	53 498,427	1 142 855,503	21,362	20,897	64	52	82 498	4 931,740	57 475,921	11,654	11,189
15	3	99 044	51 177,972	1 089 357,076	21,286	20,820	65	53	81 087	4 638,650	52 544,181	11,327	10,862
16	4	99 010	48 957,333	1 038 179,104	21,206	20,740	66	54	79 580	4 356,433	47 905,532	10,997	10,531
17	5	98 969	46 829,618	989 221,771	21,124	20,658	67	55	78 004	4 086,278	43 549,099	10,657	10,192
18	6	98 926	44 793,678	942 392,154	21,039	20,573	68	56	76 323	3 826,006	39 462,821	10,314	9,849
19	7	98 863	42 837,507	897 598,476	20,954	20,488	69	57	74 539	3 575,684	35 636,815	9,966	9,501
20	8	98 801	40 967,053	854 760,969	20,865	20,399	70	58	72 627	3 333,926	32 061,131	9,617	9,151
21	9	98 736	39 177,068	813 793,916	20,772	20,307	71	59	70 590	3 100,899	28 727,205	9,264	8,799
22	10	98 674	37 466,497	774 616,848	20,675	20,209	72	60	68 438	2 876,896	25 626,307	8,908	8,442
23	11	98 610	35 830,048	737 150,350	20,574	20,108	73	61	66 084	2 658,307	22 749,411	8,558	8,092
24	12	98 548	34 265,522	701 320,302	20,467	20,002	74	62	63 602	2 448,285	20 091,104	8,206	7,741
25	13	98 484	32 768,570	667 054,780	20,357	19,891	75	63	60 921	2 244,120	17 642,819	7,862	7,396
26	14	98 416	31 335,816	634 286,210	20,242	19,776	76	64	58 111	2 048,435	15 398,699	7,517	7,052
27	15	98 343	29 964,404	602 950,394	20,122	19,657	77	65	55 145	1 860,174	13 350,264	7,177	6,711
28	16	98 268	28 652,037	572 985,990	19,998	19,532	78	66	51 999	1 678,508	11 490,090	6,845	6,380
29	17	98 191	27 396,822	544 333,953	19,869	19,403	79	67	48 702	1 504,397	9 811,582	6,522	6,056
30	18	98 111	26 195,588	516 937,132	19,734	19,268	80	68	45 339	1 340,199	8 307,185	6,198	5,733
31	19	98 024	25 045,424	490 741,543	19,594	19,128	81	69	41 846	1 183,692	6 966,986	5,886	5,420
32	20	97 930	23 943,998	465 696,119	19,449	18,984	82	70	38 289	1 036,426	5 783,294	5,580	5,114
33	21	97 837	22 890,980	441 752,122	19,298	18,832	83	71	34 716	899,255	4 746,868	5,279	4,813
34	22	97 745	21 884,604	418 861,142	19,140	18,674	84	72	31 160	772,383	3 847,613	4,981	4,516
35	23	97 643	20 920,476	396 976,538	18,976	18,510	85	73	27 602	654,712	3 075,230	4,697	4,231
36	24	97 536	19 997,717	376 056,062	18,805	18,339	86	74	24 064	546,213	2 420,518	4,431	3,966
37	25	97 425	19 114,768	356 058,345	18,627	18,162	87	75	20 634	448,194	1 874,305	4,182	3,716
38	26	97 307	18 269,506	336 943,577	18,443	17,977	88	76	17 312	359,842	1 426,111	3,963	3,498
39	27	97 177	17 459,292	318 674,071	18,252	17,787	89	77	14 328	284,993	1 066,269	3,741	3,276
40	28	97 038	16 683,537	301 214,778	18,055	17,589	90	78	11 627	221,303	781,276	3,530	3,065
41	29	96 880	15 939,200	284 531,241	17,851	17,385	91	79	9 331	169,962	559,973	3,295	2,829
42	30	96 709	15 225,942	268 592,042	17,640	17,175	92	80	7 237	126,135	390,011	3,092	2,626
43	31	96 527	14 542,791	253 366,100	17,422	16,956	93	81	5 419	90,384	263,875	2,919	2,454
44	32	96 310	13 885,255	238 823,309	17,200	16,734	94	82	3 944	62,958	173,491	2,756	2,290
45	33	96 072	13 254,457	224 938,054	16,971	16,505	95	83	2 779	42,449	110,533	2,604	2,138
46	34	95 805	12 648,538	211 683,597	16,736	16,270	96	84	1 891	27,645	68,084	2,463	1,997
47	35	95 503	12 065,626	199 035,059	16,496	16,030	97	85	1 240	17,347	40,439	2,331	1,866
48	36	95 167	11 505,434	186 969,433	16,251	15,785	98	86	781	10,447	23,092	2,210	1,745
49	37	94 786	10 965,987	175 463,999	16,001	15,535	99	87	471	6,029	12,644	2,097	1,632
							100	88	270	3,305	6,615	2,002	1,536

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 4,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	10 452,891	164 969,664	15,782	15,317
1							51	38	93 964	9 954,789	154 516,773	15,522	15,056
2							52	39	93 458	9 474,790	144 561,984	15,258	14,792
3							53	40	92 901	9 012,754	135 087,194	14,988	14,523
4							54	41	92 302	8 569,050	126 074,440	14,713	14,247
5							55	42	91 635	8 140,731	117 505,389	14,434	13,969
6							56	43	90 916	7 729,114	109 364,659	14,150	13,684
7							57	44	90 144	7 333,437	101 635,544	13,859	13,394
8							58	45	89 325	6 953,879	94 302,108	13,561	13,095
9							59	46	88 415	6 586,666	87 348,229	13,261	12,796
10							60	47	87 431	6 232,857	80 761,563	12,957	12,492
11							61	48	86 354	5 890,973	74 528,706	12,651	12,186
12							62	49	85 225	5 563,591	68 637,733	12,337	11,871
13	0	99 431	56 106,171	1 199 600,863	21,381	20,915	63	50	84 001	5 247,556	63 074,141	12,020	11,554
14	1	99 104	53 513,643	1 143 494,692	21,368	20,903	64	51	82 704	4 944,055	57 826,585	11,696	11,231
15	2	99 060	51 186,224	1 089 981,049	21,294	20,829	65	52	81 312	4 651,538	52 882,531	11,369	10,903
16	3	99 024	48 964,354	1 038 794,825	21,215	20,750	66	53	79 823	4 369,713	48 230,992	11,038	10,572
17	4	98 980	46 835,231	989 830,471	21,134	20,669	67	54	78 254	4 099,339	43 861,279	10,700	10,234
18	5	98 935	44 797,730	942 995,240	21,050	20,584	68	55	76 598	3 839,820	39 761,940	10,355	9,890
19	6	98 871	42 840,942	898 197,510	20,966	20,500	69	56	74 823	3 589,298	35 922,120	10,008	9,543
20	7	98 809	40 970,476	855 356,569	20,877	20,412	70	57	72 928	3 347,739	32 332,823	9,658	9,192
21	8	98 742	39 179,502	814 386,093	20,786	20,320	71	58	70 914	3 115,102	28 985,083	9,305	8,839
22	9	98 680	37 468,876	775 206,591	20,689	20,224	72	59	68 767	2 890,709	25 869,981	8,949	8,484
23	10	98 618	35 832,935	737 737,715	20,588	20,123	73	60	66 447	2 672,922	22 979,272	8,597	8,131
24	11	98 556	34 268,243	701 904,780	20,483	20,017	74	61	63 965	2 462,284	20 306,350	8,247	7,781
25	12	98 491	32 771,082	667 636,537	20,373	19,907	75	62	61 306	2 258,290	17 844,066	7,902	7,436
26	13	98 425	31 338,899	634 865,455	20,258	19,792	76	63	58 501	2 062,187	15 585,776	7,558	7,092
27	14	98 356	29 968,114	603 526,556	20,139	19,673	77	64	55 545	1 873,657	13 523,589	7,218	6,752
28	15	98 281	28 655,922	573 558,442	20,015	19,550	78	65	52 405	1 691,605	11 649,932	6,887	6,421
29	16	98 207	27 401,227	544 902,520	19,886	19,420	79	66	49 106	1 516,865	9 958,327	6,565	6,099
30	17	98 128	26 200,187	517 501,293	19,752	19,286	80	67	45 752	1 352,397	8 441,462	6,242	5,776
31	18	98 046	25 050,896	491 301,106	19,612	19,147	81	68	42 260	1 195,401	7 089,064	5,930	5,465
32	19	97 952	23 949,148	466 250,210	19,468	19,003	82	69	38 714	1 047,919	5 893,663	5,624	5,159
33	20	97 857	22 895,811	442 301,062	19,318	18,852	83	70	35 136	910,129	4 845,744	5,324	4,859
34	21	97 766	21 889,335	419 405,251	19,160	18,695	84	71	31 582	782,828	3 935,615	5,027	4,562
35	22	97 666	20 925,284	397 515,916	18,997	18,531	85	72	28 036	665,003	3 152,787	4,741	4,275
36	23	97 559	20 002,267	376 590,632	18,827	18,362	86	73	24 488	555,849	2 487,783	4,476	4,010
37	24	97 447	19 119,115	356 588,365	18,651	18,185	87	74	21 041	457,026	1 931,935	4,227	3,762
38	25	97 329	18 273,578	337 469,250	18,468	18,002	88	75	17 706	368,042	1 474,909	4,007	3,542
39	26	97 203	17 463,958	319 195,672	18,277	17,812	89	76	14 701	292,404	1 106,867	3,785	3,320
40	27	97 063	16 687,845	301 731,714	18,081	17,615	90	77	11 973	227,902	814,462	3,574	3,108
41	28	96 905	15 943,341	285 043,869	17,879	17,413	91	78	9 652	175,810	586,560	3,336	2,871
42	29	96 736	15 230,166	269 100,528	17,669	17,203	92	79	7 519	131,057	410,751	3,134	2,669
43	30	96 553	14 546,783	253 870,362	17,452	16,986	93	80	5 665	94,482	279,694	2,960	2,495
44	31	96 341	13 889,783	239 323,579	17,230	16,765	94	81	4 150	66,236	185,212	2,796	2,331
45	32	96 105	13 259,049	225 433,796	17,002	16,537	95	82	2 947	45,009	118,976	2,643	2,178
46	33	95 840	12 653,116	212 174,747	16,769	16,303	96	83	2 023	29,566	73,967	2,502	2,036
47	34	95 541	12 070,525	199 521,631	16,530	16,064	97	84	1 339	18,733	44,401	2,370	1,905
48	35	95 207	11 510,339	187 451,106	16,285	15,820	98	85	853	11,422	25,668	2,247	1,782
49	36	94 831	10 971,103	175 940,767	16,037	15,571	99	86	521	6,674	14,247	2,135	1,669
							100	87	305	3,733	7,572	2,029	1,563

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	10 457,767	165 400,657	15,816	15,350
1							51	37	94 014	9 960,035	154 942,889	15,556	15,091
2							52	38	93 513	9 480,379	144 982,854	15,293	14,827
3							53	39	92 966	9 019,097	135 502,475	15,024	14,558
4							54	40	92 368	8 575,163	126 483,378	14,750	14,284
5							55	41	91 711	8 147,501	117 908,215	14,472	14,006
6							56	42	91 002	7 736,432	109 760,714	14,188	13,722
7							57	43	90 239	7 341,186	102 024,281	13,898	13,432
8							58	44	89 426	6 961,751	94 683,096	13,600	13,135
9							59	45	88 535	6 595,587	87 721,345	13,300	12,834
10							60	46	87 567	6 242,538	81 125,757	12,996	12,530
11							61	47	86 504	5 901,214	74 883,219	12,689	12,224
12							62	48	85 383	5 573,920	68 982,005	12,376	11,910
13							63	49	84 177	5 258,557	63 408,085	12,058	11,592
14	0	99 422	53 685,415	1 144 252,726	21,314	20,848	64	50	82 898	4 955,633	58 149,528	11,734	11,268
15	1	99 088	51 200,782	1 090 567,310	21,300	20,834	65	51	81 515	4 663,153	53 193,894	11,407	10,942
16	2	99 040	48 972,249	1 039 366,528	21,224	20,758	66	52	80 045	4 381,855	48 530,741	11,075	10,610
17	3	98 995	46 841,947	990 394,279	21,143	20,678	67	53	78 492	4 111,836	44 148,887	10,737	10,271
18	4	98 947	44 803,099	943 552,332	21,060	20,594	68	54	76 843	3 852,093	40 037,051	10,394	9,928
19	5	98 880	42 844,818	898 749,233	20,977	20,511	69	55	75 093	3 602,257	36 184,957	10,045	9,579
20	6	98 817	40 973,761	855 904,415	20,889	20,423	70	56	73 205	3 360,485	32 582,701	9,696	9,230
21	7	98 750	39 182,775	814 930,654	20,798	20,333	71	57	71 207	3 128,009	29 222,215	9,342	8,876
22	8	98 686	37 471,204	775 747,879	20,703	20,237	72	58	69 082	2 903,950	26 094,206	8,986	8,520
23	9	98 624	35 835,210	738 276,676	20,602	20,136	73	59	66 766	2 685,756	23 190,256	8,635	8,169
24	10	98 564	34 271,004	702 441,466	20,497	20,031	74	60	64 317	2 475,821	20 504,501	8,282	7,816
25	11	98 499	32 773,685	668 170,462	20,387	19,922	75	61	61 656	2 271,203	18 028,679	7,938	7,472
26	12	98 433	31 341,301	635 396,776	20,273	19,808	76	62	58 871	2 075,208	15 757,476	7,593	7,128
27	13	98 365	29 971,062	604 055,475	20,155	19,689	77	63	55 918	1 886,235	13 682,268	7,254	6,788
28	14	98 293	28 659,470	574 084,413	20,031	19,566	78	64	52 784	1 703,866	11 796,032	6,923	6,457
29	15	98 220	27 404,942	545 424,943	19,902	19,437	79	65	49 489	1 528,701	10 092,166	6,602	6,136
30	16	98 144	26 204,400	518 020,002	19,768	19,303	80	66	46 131	1 363,606	8 563,465	6,280	5,814
31	17	98 063	25 055,294	491 815,602	19,629	19,164	81	67	42 645	1 206,281	7 199,860	5,969	5,503
32	18	97 973	23 954,381	466 760,307	19,485	19,020	82	68	39 097	1 058,285	5 993,578	5,663	5,198
33	19	97 878	22 900,736	442 805,927	19,336	18,870	83	69	35 526	920,222	4 935,293	5,363	4,898
34	20	97 786	21 893,955	419 905,191	19,179	18,713	84	70	31 964	792,295	4 015,071	5,068	4,602
35	21	97 687	20 929,808	398 011,236	19,016	18,551	85	71	28 415	673,996	3 222,776	4,782	4,316
36	22	97 581	20 006,864	377 081,428	18,848	18,382	86	72	24 873	564,586	2 548,780	4,514	4,049
37	23	97 470	19 123,465	357 074,564	18,672	18,206	87	73	21 412	465,088	1 984,194	4,266	3,801
38	24	97 351	18 277,734	337 951,099	18,490	18,024	88	74	18 055	375,294	1 519,106	4,048	3,582
39	25	97 224	17 467,851	319 673,366	18,301	17,835	89	75	15 036	299,068	1 143,811	3,825	3,359
40	26	97 089	16 692,304	302 205,515	18,104	17,639	90	76	12 285	233,829	844,744	3,613	3,147
41	27	96 930	15 947,457	285 513,211	17,903	17,438	91	77	9 940	181,052	610,914	3,374	2,909
42	28	96 761	15 234,123	269 565,754	17,695	17,229	92	78	7 778	135,565	429,863	3,171	2,705
43	29	96 580	14 550,819	254 331,631	17,479	17,013	93	79	5 886	98,168	294,297	2,998	2,532
44	30	96 368	13 893,596	239 780,812	17,258	16,793	94	80	4 338	69,239	196,129	2,833	2,367
45	31	96 136	13 263,373	225 887,216	17,031	16,565	95	81	3 100	47,353	126,890	2,680	2,214
46	32	95 873	12 657,500	212 623,843	16,798	16,333	96	82	2 145	31,348	79,537	2,537	2,072
47	33	95 576	12 074,894	199 966,343	16,561	16,095	97	83	1 432	20,035	48,189	2,405	1,940
48	34	95 246	11 515,012	187 891,449	16,317	15,851	98	84	922	12,334	28,154	2,283	1,817
49	35	94 871	10 975,781	176 376,437	16,070	15,604	99	85	570	7,297	15,820	2,168	1,702
							100	86	337	4,132	8,523	2,063	1,597

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	10 462,226	165 794,472	15,847	15,381
1							51	36	94 058	9 964,682	155 332,246	15,588	15,123
2							52	37	93 562	9 485,375	145 367,564	15,325	14,860
3							53	38	93 021	9 024,418	135 882,189	15,057	14,592
4							54	39	92 433	8 581,197	126 857,771	14,783	14,318
5							55	40	91 776	8 153,313	118 276,574	14,507	14,041
6							56	41	91 078	7 742,867	110 123,261	14,223	13,757
7							57	42	90 325	7 348,137	102 380,394	13,933	13,467
8							58	43	89 520	6 969,107	95 032,258	13,636	13,171
9							59	44	88 635	6 603,054	88 063,150	13,337	12,871
10							60	45	87 685	6 250,993	81 460,096	13,032	12,566
11							61	46	86 638	5 910,381	75 209,103	12,725	12,259
12							62	47	85 531	5 583,610	69 298,722	12,411	11,945
13							63	48	84 333	5 268,319	63 715,112	12,094	11,628
14							64	49	83 071	4 966,022	58 446,793	11,769	11,304
15	0	99 406	51 365,131	1 091 269,432	21,245	20,780	65	50	81 706	4 674,074	53 480,771	11,442	10,976
16	1	99 068	48 986,177	1 039 904,301	21,229	20,763	66	51	80 245	4 392,796	48 806,697	11,111	10,645
17	2	99 011	46 849,500	990 918,124	21,151	20,685	67	52	78 710	4 123,261	44 413,900	10,772	10,306
18	3	98 961	44 809,525	944 068,624	21,068	20,603	68	53	77 077	3 863,836	40 290,640	10,428	9,962
19	4	98 892	42 849,953	899 259,099	20,986	20,521	69	54	75 333	3 613,771	36 426,803	10,080	9,614
20	5	98 826	40 977,468	856 409,146	20,900	20,434	70	55	73 470	3 372,618	32 813,033	9,729	9,264
21	6	98 758	39 185,917	815 431,678	20,809	20,344	71	56	71 478	3 139,919	29 440,414	9,376	8,911
22	7	98 694	37 474,334	776 245,761	20,714	20,248	72	57	69 368	2 915,982	26 300,496	9,019	8,554
23	8	98 631	35 837,436	738 771,427	20,615	20,149	73	58	67 072	2 698,058	23 384,514	8,667	8,202
24	9	98 570	34 273,180	702 933,992	20,510	20,044	74	59	64 626	2 487,708	20 686,456	8,315	7,850
25	10	98 507	32 776,326	668 660,811	20,401	19,935	75	60	61 995	2 283,690	18 198,747	7,969	7,503
26	11	98 441	31 343,791	635 884,486	20,287	19,822	76	61	59 207	2 087,074	15 915,057	7,626	7,160
27	12	98 373	29 973,359	604 540,695	20,169	19,704	77	62	56 271	1 898,146	13 827,983	7,285	6,819
28	13	98 303	28 662,289	574 567,336	20,046	19,580	78	63	53 139	1 715,305	11 929,837	6,955	6,489
29	14	98 232	27 408,335	545 905,046	19,917	19,452	79	64	49 848	1 539,781	10 214,532	6,634	6,168
30	15	98 157	26 207,953	518 496,712	19,784	19,318	80	65	46 491	1 374,246	8 674,751	6,312	5,847
31	16	98 079	25 059,323	492 288,759	19,645	19,179	81	66	42 998	1 216,279	7 300,505	6,002	5,537
32	17	97 990	23 958,586	467 229,436	19,502	19,036	82	67	39 452	1 067,917	6 084,227	5,697	5,232
33	18	97 900	22 905,739	443 270,850	19,352	18,886	83	68	35 877	929,325	5 016,309	5,398	4,932
34	19	97 807	21 898,664	420 365,110	19,196	18,730	84	69	32 318	801,081	4 086,985	5,102	4,636
35	20	97 707	20 934,225	398 466,446	19,034	18,569	85	70	28 758	682,147	3 285,904	4,817	4,351
36	21	97 602	20 011,190	377 532,221	18,866	18,400	86	71	25 210	572,221	2 603,757	4,550	4,085
37	22	97 492	19 127,860	357 521,032	18,691	18,226	87	72	21 748	472,399	2 031,536	4,300	3,835
38	23	97 373	18 281,892	338 393,172	18,510	18,044	88	73	18 374	381,915	1 559,137	4,082	3,617
39	24	97 246	17 471,823	320 111,280	18,322	17,856	89	74	15 332	304,961	1 177,222	3,860	3,395
40	25	97 110	16 696,025	302 639,457	18,126	17,661	90	75	12 565	239,158	872,261	3,647	3,182
41	26	96 956	15 951,719	285 943,432	17,926	17,460	91	76	10 198	185,760	633,103	3,408	2,943
42	27	96 786	15 238,056	269 991,713	17,718	17,253	92	77	8 010	139,608	447,343	3,204	2,739
43	28	96 605	14 554,599	254 753,657	17,503	17,038	93	78	6 088	101,546	307,735	3,031	2,565
44	29	96 394	13 897,451	240 199,058	17,284	16,818	94	79	4 507	71,941	206,190	2,866	2,400
45	30	96 163	13 267,014	226 301,607	17,057	16,592	95	80	3 241	49,500	134,249	2,712	2,247
46	31	95 904	12 661,628	213 034,593	16,825	16,360	96	81	2 256	32,981	84,750	2,570	2,104
47	32	95 609	12 079,077	200 372,965	16,588	16,123	97	82	1 519	21,243	51,769	2,437	1,971
48	33	95 280	11 519,179	188 293,888	16,346	15,881	98	83	986	13,191	30,526	2,314	1,849
49	34	94 910	10 980,237	176 774,708	16,099	15,634	99	84	615	7,880	17,335	2,200	1,734
							100	85	369	4,517	9,455	2,093	1,628

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	10 466,473	166 154,471	15,875	15,409
1							51	35	94 098	9 968,930	155 687,998	15,617	15,152
2							52	36	93 606	9 489,800	145 719,067	15,355	14,890
3							53	37	93 070	9 029,173	136 229,267	15,088	14,622
4							54	38	92 488	8 586,260	127 200,093	14,814	14,349
5							55	39	91 841	8 159,051	118 613,834	14,538	14,072
6							56	40	91 143	7 748,390	110 454,783	14,255	13,790
7							57	41	90 400	7 354,248	102 706,393	13,966	13,500
8							58	42	89 605	6 975,706	95 352,146	13,669	13,204
9							59	43	88 729	6 610,031	88 376,440	13,370	12,904
10							60	44	87 784	6 258,070	81 766,408	13,066	12,600
11							61	45	86 755	5 918,386	75 508,338	12,758	12,293
12							62	46	85 664	5 592,283	69 589,952	12,444	11,978
13							63	47	84 480	5 277,478	63 997,670	12,127	11,661
14							64	48	83 226	4 975,241	58 720,192	11,802	11,337
15							65	49	81 877	4 683,873	53 744,950	11,474	11,009
16	0	99 386	49 143,417	1 040 554,893	21,174	20,708	66	50	80 433	4 403,084	49 061,077	11,142	10,677
17	1	99 039	46 862,825	991 411,476	21,156	20,690	67	51	78 907	4 133,557	44 657,994	10,804	10,338
18	2	98 977	44 816,750	944 548,651	21,076	20,610	68	52	77 291	3 874,572	40 524,437	10,459	9,993
19	3	98 906	42 856,098	899 731,901	20,994	20,529	69	53	75 563	3 624,787	36 649,865	10,111	9,645
20	4	98 838	40 982,379	856 875,803	20,908	20,443	70	54	73 704	3 383,398	33 025,078	9,761	9,295
21	5	98 767	39 189,462	815 893,424	20,819	20,354	71	55	71 737	3 151,255	29 641,679	9,406	8,941
22	6	98 702	37 477,339	776 703,962	20,725	20,259	72	56	69 632	2 927,084	26 490,424	9,050	8,584
23	7	98 639	35 840,430	739 226,623	20,625	20,160	73	57	67 350	2 709,237	23 563,340	8,697	8,232
24	8	98 576	34 275,309	703 386,193	20,522	20,056	74	58	64 922	2 499,103	20 854,103	8,345	7,879
25	9	98 513	32 778,406	669 110,884	20,413	19,948	75	59	62 293	2 294,655	18 355,000	7,999	7,533
26	10	98 449	31 346,316	636 332,477	20,300	19,834	76	60	59 533	2 098,549	16 060,345	7,653	7,187
27	11	98 381	29 975,740	604 986,161	20,183	19,717	77	61	56 593	1 908,999	13 961,796	7,314	6,848
28	12	98 311	28 664,487	575 010,421	20,060	19,594	78	62	53 474	1 726,136	12 052,796	6,983	6,517
29	13	98 242	27 411,031	546 345,935	19,932	19,466	79	63	50 182	1 550,118	10 326,661	6,662	6,196
30	14	98 169	26 211,198	518 934,904	19,798	19,333	80	64	46 828	1 384,206	8 776,542	6,340	5,875
31	15	98 092	25 062,721	492 723,706	19,660	19,194	81	65	43 334	1 225,769	7 392,336	6,031	5,565
32	16	98 006	23 962,439	467 660,985	19,516	19,051	82	66	39 779	1 076,768	6 166,567	5,727	5,261
33	17	97 917	22 909,761	443 698,547	19,367	18,902	83	67	36 204	937,783	5 089,799	5,427	4,962
34	18	97 829	21 903,449	420 788,786	19,211	18,745	84	68	32 638	809,005	4 152,016	5,132	4,667
35	19	97 728	20 938,728	398 885,338	19,050	18,585	85	69	29 077	689,711	3 343,010	4,847	4,381
36	20	97 623	20 015,413	377 946,610	18,883	18,417	86	70	25 514	579,141	2 653,299	4,581	4,116
37	21	97 513	19 131,995	357 931,197	18,709	18,243	87	71	22 042	478,787	2 074,158	4,332	3,866
38	22	97 396	18 286,094	338 799,202	18,528	18,062	88	72	18 663	387,918	1 595,371	4,113	3,647
39	23	97 269	17 475,798	320 513,108	18,340	17,875	89	73	15 602	310,341	1 207,453	3,891	3,425
40	24	97 132	16 699,821	303 037,310	18,146	17,681	90	74	12 812	243,870	897,112	3,679	3,213
41	25	96 978	15 955,274	286 337,488	17,946	17,481	91	75	10 431	189,994	653,242	3,438	2,973
42	26	96 812	15 242,128	270 382,214	17,739	17,274	92	76	8 218	143,238	463,248	3,234	2,768
43	27	96 630	14 558,357	255 140,086	17,525	17,060	93	77	6 270	104,573	320,010	3,060	2,595
44	28	96 419	13 901,062	240 581,728	17,307	16,841	94	78	4 662	74,415	215,436	2,895	2,429
45	29	96 189	13 270,695	226 680,667	17,081	16,616	95	79	3 367	51,431	141,021	2,742	2,276
46	30	95 931	12 665,104	213 409,972	16,850	16,385	96	80	2 359	34,476	89,590	2,599	2,133
47	31	95 640	12 083,016	200 744,868	16,614	16,148	97	81	1 598	22,349	55,114	2,466	2,000
48	32	95 313	11 523,170	188 661,852	16,372	15,907	98	82	1 045	13,986	32,765	2,343	1,877
49	33	94 944	10 984,211	177 138,682	16,127	15,661	99	83	658	8,427	18,779	2,228	1,763
							100	84	398	4,878	10,351	2,122	1,656

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	10 470,262	166 483,451	15,901	15,435
1							51	34	94 136	9 972,978	156 013,190	15,644	15,178
2							52	35	93 646	9 493,846	146 040,212	15,383	14,917
3							53	36	93 114	9 033,386	136 546,366	15,116	14,650
4							54	37	92 536	8 590,784	127 512,980	14,843	14,377
5							55	38	91 895	8 163,864	118 922,196	14,567	14,101
6							56	39	91 207	7 753,843	110 758,332	14,284	13,819
7							57	40	90 464	7 359,494	103 004,489	13,996	13,531
8							58	41	89 680	6 981,507	95 644,996	13,700	13,234
9							59	42	88 813	6 616,290	88 663,488	13,401	12,935
10							60	43	87 877	6 264,683	82 047,198	13,097	12,631
11							61	44	86 854	5 925,086	75 782,516	12,790	12,324
12							62	45	85 780	5 599,857	69 857,430	12,475	12,009
13							63	46	84 611	5 285,676	64 257,573	12,157	11,691
14							64	47	83 370	4 983,891	58 971,897	11,833	11,367
15							65	48	82 029	4 692,568	53 988,006	11,505	11,039
16							66	49	80 601	4 412,315	49 295,438	11,172	10,707
17	0	99 357	47 013,249	992 014,553	21,101	20,635	67	50	79 092	4 143,237	44 883,124	10,833	10,367
18	1	99 005	44 829,496	945 001,304	21,080	20,614	68	51	77 484	3 884,247	40 739,886	10,488	10,023
19	2	98 922	42 863,008	900 171,808	21,001	20,536	69	52	75 772	3 634,859	36 855,640	10,139	9,674
20	3	98 852	40 988,257	857 308,800	20,916	20,450	70	53	73 929	3 393,712	33 220,781	9,789	9,323
21	4	98 779	39 194,159	816 320,543	20,828	20,362	71	54	71 966	3 161,328	29 827,068	9,435	8,969
22	5	98 711	37 480,730	777 126,384	20,734	20,268	72	55	69 883	2 937,652	26 665,741	9,077	8,612
23	6	98 647	35 843,304	739 645,654	20,636	20,170	73	56	67 606	2 719,552	23 728,088	8,725	8,259
24	7	98 584	34 278,173	703 802,351	20,532	20,066	74	57	65 191	2 509,458	21 008,536	8,372	7,906
25	8	98 519	32 780,443	669 524,178	20,425	19,959	75	58	62 578	2 305,166	18 499,078	8,025	7,559
26	9	98 455	31 348,306	636 743,735	20,312	19,846	76	59	59 819	2 108,625	16 193,912	7,680	7,214
27	10	98 389	29 978,155	605 395,429	20,195	19,729	77	60	56 904	1 919,495	14 085,288	7,338	6,872
28	11	98 318	28 666,763	575 417,274	20,073	19,607	78	61	53 780	1 736,006	12 165,793	7,008	6,542
29	12	98 250	27 413,132	546 750,511	19,945	19,479	79	62	50 499	1 559,906	10 429,787	6,686	6,221
30	13	98 179	26 213,776	519 337,378	19,812	19,346	80	63	47 142	1 393,499	8 869,881	6,365	5,900
31	14	98 104	25 065,824	493 123,602	19,673	19,208	81	64	43 648	1 234,654	7 476,382	6,055	5,590
32	15	98 019	23 965,687	468 057,778	19,530	19,065	82	65	40 090	1 085,170	6 241,728	5,752	5,286
33	16	97 933	22 913,444	444 092,091	19,381	18,916	83	66	36 504	945,555	5 156,558	5,453	4,988
34	17	97 846	21 907,294	421 178,647	19,225	18,760	84	67	32 935	816,369	4 211,003	5,158	4,693
35	18	97 750	20 943,303	399 271,353	19,064	18,599	85	68	29 365	696,534	3 394,634	4,874	4,408
36	19	97 644	20 019,718	378 328,050	18,898	18,432	86	69	25 797	585,563	2 698,100	4,608	4,142
37	20	97 534	19 136,033	358 308,332	18,724	18,259	87	70	22 309	484,577	2 112,537	4,360	3,894
38	21	97 417	18 290,047	339 172,299	18,544	18,078	88	71	18 915	393,164	1 627,960	4,141	3,675
39	22	97 291	17 479,815	320 882,252	18,357	17,892	89	72	15 848	315,219	1 234,796	3,917	3,452
40	23	97 154	16 703,621	303 402,437	18,164	17,698	90	73	13 038	248,173	919,577	3,705	3,240
41	24	97 000	15 958,903	286 698,816	17,965	17,499	91	74	10 636	193,737	671,405	3,466	3,000
42	25	96 834	15 245,526	270 739,913	17,759	17,293	92	75	8 405	146,503	477,667	3,260	2,795
43	26	96 656	14 562,248	255 494,388	17,545	17,079	93	76	6 433	107,293	331,164	3,087	2,621
44	27	96 444	13 904,651	240 932,140	17,327	16,862	94	77	4 801	76,634	223,871	2,921	2,456
45	28	96 214	13 274,142	227 027,489	17,103	16,637	95	78	3 483	53,200	147,237	2,768	2,302
46	29	95 957	12 668,618	213 753,347	16,873	16,407	96	79	2 451	35,821	94,037	2,625	2,160
47	30	95 667	12 086,333	201 084,729	16,637	16,172	97	80	1 670	23,362	58,216	2,492	2,026
48	31	95 344	11 526,928	188 998,396	16,396	15,931	98	81	1 099	14,715	34,854	2,369	1,903
49	32	94 977	10 988,016	177 471,468	16,151	15,686	99	82	698	8,935	20,139	2,254	1,788
							100	83	426	5,217	11,204	2,148	1,682

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	10 473,889	166 784,228	15,924	15,458
1							51	33	94 170	9 976,587	156 310,339	15,668	15,202
2							52	34	93 684	9 497,701	146 333,752	15,407	14,942
3							53	35	93 153	9 037,237	136 836,052	15,141	14,676
4							54	36	92 580	8 594,792	127 798,815	14,869	14,404
5							55	37	91 943	8 168,166	119 204,022	14,594	14,128
6							56	38	91 261	7 758,417	111 035,856	14,312	13,846
7							57	39	90 528	7 364,673	103 277,439	14,023	13,558
8							58	40	89 744	6 986,487	95 912,767	13,728	13,263
9							59	41	88 887	6 621,793	88 926,279	13,429	12,964
10							60	42	87 960	6 270,614	82 304,486	13,125	12,660
11							61	43	86 945	5 931,347	76 033,872	12,819	12,353
12							62	44	85 877	5 606,196	70 102,525	12,504	12,039
13							63	45	84 726	5 292,835	64 496,329	12,186	11,720
14							64	46	83 500	4 991,632	59 203,494	11,861	11,395
15							65	47	82 172	4 700,726	54 211,862	11,533	11,067
16							66	48	80 751	4 420,506	49 511,136	11,200	10,735
17							67	49	79 258	4 151,923	45 090,631	10,860	10,395
18	0	99 323	44 973,394	945 560,555	21,025	20,559	68	50	77 666	3 893,343	40 938,707	10,515	10,049
19	1	98 950	42 875,199	900 587,161	21,005	20,539	69	51	75 962	3 643,935	37 045,364	10,166	9,701
20	2	98 868	40 994,866	857 711,962	20,922	20,457	70	52	74 135	3 403,142	33 401,429	9,815	9,349
21	3	98 793	39 199,780	816 717,097	20,835	20,369	71	53	72 185	3 170,965	29 998,287	9,460	8,995
22	4	98 723	37 485,222	777 517,317	20,742	20,276	72	54	70 107	2 947,042	26 827,322	9,103	8,638
23	5	98 656	35 846,546	740 032,095	20,644	20,179	73	55	67 850	2 729,371	23 880,280	8,749	8,284
24	6	98 592	34 280,921	704 185,548	20,542	20,076	74	56	65 439	2 519,012	21 150,909	8,397	7,931
25	7	98 528	32 783,181	669 904,627	20,434	19,969	75	57	62 838	2 314,717	18 631,896	8,049	7,584
26	8	98 461	31 350,253	637 121,446	20,323	19,857	76	58	60 093	2 118,283	16 317,179	7,703	7,237
27	9	98 395	29 980,058	605 771,192	20,206	19,740	77	59	57 177	1 928,711	14 198,896	7,362	6,896
28	10	98 326	28 669,073	575 791,134	20,084	19,618	78	60	54 076	1 745,550	12 270,185	7,029	6,564
29	11	98 257	27 415,310	547 122,061	19,957	19,491	79	61	50 788	1 568,826	10 524,635	6,709	6,243
30	12	98 186	26 215,786	519 706,751	19,824	19,359	80	62	47 440	1 402,298	8 955,809	6,387	5,921
31	13	98 114	25 068,290	493 490,965	19,686	19,220	81	63	43 941	1 242,942	7 553,511	6,077	5,612
32	14	98 031	23 968,655	468 422,676	19,543	19,078	82	64	40 380	1 093,035	6 310,568	5,773	5,308
33	15	97 946	22 916,551	444 454,021	19,394	18,929	83	65	36 789	952,933	5 217,533	5,475	5,010
34	16	97 862	21 910,817	421 537,470	19,239	18,773	84	66	33 208	823,135	4 264,600	5,181	4,715
35	17	97 767	20 946,980	399 626,654	19,078	18,612	85	67	29 632	702,874	3 441,465	4,896	4,431
36	18	97 665	20 024,092	378 679,674	18,911	18,446	86	68	26 053	591,355	2 738,592	4,631	4,165
37	19	97 555	19 140,149	358 655,582	18,738	18,273	87	69	22 556	489,951	2 147,236	4,383	3,917
38	20	97 437	18 293,907	339 515,433	18,559	18,093	88	70	19 144	397,919	1 657,286	4,165	3,699
39	21	97 312	17 483,594	321 221,526	18,373	17,907	89	71	16 062	319,482	1 259,367	3,942	3,476
40	22	97 177	16 707,460	303 737,932	18,180	17,714	90	72	13 243	252,074	939,885	3,729	3,263
41	23	97 022	15 962,533	287 030,472	17,982	17,516	91	73	10 824	197,155	687,812	3,489	3,023
42	24	96 856	15 248,993	271 067,939	17,776	17,311	92	74	8 571	149,389	490,657	3,284	2,819
43	25	96 678	14 565,493	255 818,946	17,563	17,098	93	75	6 579	109,738	341,267	3,110	2,644
44	26	96 470	13 908,367	241 253,453	17,346	16,880	94	76	4 926	78,627	231,529	2,945	2,479
45	27	96 239	13 277,570	227 345,086	17,122	16,657	95	77	3 587	54,787	152,902	2,791	2,325
46	28	95 982	12 671,909	214 067,516	16,893	16,427	96	78	2 535	37,053	98,115	2,648	2,182
47	29	95 693	12 089,687	201 395,607	16,658	16,193	97	79	1 735	24,274	61,062	2,516	2,050
48	30	95 371	11 530,093	189 305,921	16,418	15,953	98	80	1 149	15,382	36,788	2,392	1,926
49	31	95 008	10 991,600	177 775,828	16,174	15,708	99	81	734	9,401	21,406	2,277	1,812
							100	82	451	5,532	12,006	2,170	1,705

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	10 477,305	167 059,294	15,945	15,479
1							51	32	94 203	9 980,044	156 581,989	15,690	15,224
2							52	33	93 718	9 501,138	146 601,946	15,430	14,964
3							53	34	93 191	9 040,906	137 100,808	15,164	14,699
4							54	35	92 619	8 598,457	128 059,902	14,893	14,428
5							55	36	91 986	8 171,977	119 461,445	14,618	14,153
6							56	37	91 309	7 762,505	111 289,468	14,337	13,871
7							57	38	90 581	7 369,017	103 526,963	14,049	13,583
8							58	39	89 807	6 991,404	96 157,946	13,754	13,288
9							59	40	88 950	6 626,516	89 166,542	13,456	12,990
10							60	41	88 034	6 275,829	82 540,026	13,152	12,686
11							61	42	87 028	5 936,963	76 264,196	12,846	12,380
12							62	43	85 968	5 612,120	70 327,233	12,531	12,066
13							63	44	84 822	5 298,827	64 715,113	12,213	11,747
14							64	45	83 613	4 998,393	59 416,286	11,887	11,421
15							65	46	82 300	4 708,028	54 417,894	11,559	11,093
16							66	47	80 891	4 428,190	49 709,866	11,226	10,760
17							67	48	79 405	4 159,631	45 281,676	10,886	10,420
18							68	49	77 829	3 901,506	41 122,045	10,540	10,074
19	0	99 268	43 012,823	901 105,945	20,950	20,484	69	50	76 140	3 652,469	37 220,539	10,191	9,725
20	1	98 896	41 006,525	858 093,121	20,926	20,460	70	51	74 320	3 411,640	33 568,070	9,839	9,374
21	2	98 809	39 206,101	817 086,596	20,841	20,375	71	52	72 386	3 179,776	30 156,430	9,484	9,018
22	3	98 737	37 490,598	777 880,496	20,749	20,283	72	53	70 320	2 956,026	26 976,655	9,126	8,660
23	4	98 667	35 850,843	740 389,898	20,652	20,186	73	54	68 067	2 738,095	24 020,629	8,773	8,307
24	5	98 601	34 284,023	704 539,055	20,550	20,084	74	55	65 675	2 528,107	21 282,534	8,418	7,953
25	6	98 536	32 785,810	670 255,032	20,443	19,978	75	56	63 077	2 323,530	18 754,426	8,072	7,606
26	7	98 469	31 352,873	637 469,222	20,332	19,866	76	57	60 342	2 127,060	16 430,897	7,725	7,259
27	8	98 401	29 981,921	606 116,350	20,216	19,750	77	58	57 439	1 937,546	14 303,837	7,382	6,917
28	9	98 333	28 670,893	576 134,429	20,095	19,629	78	59	54 335	1 753,931	12 366,291	7,051	6,585
29	10	98 265	27 417,519	547 463,536	19,968	19,502	79	60	51 067	1 577,451	10 612,360	6,728	6,262
30	11	98 194	26 217,868	520 046,017	19,836	19,370	80	61	47 711	1 410,317	9 034,909	6,406	5,941
31	12	98 121	25 070,211	493 828,149	19,698	19,232	81	62	44 219	1 250,791	7 624,592	6,096	5,630
32	13	98 041	23 971,013	468 757,938	19,555	19,090	82	63	40 651	1 100,373	6 373,801	5,792	5,327
33	14	97 958	22 919,388	444 786,925	19,407	18,941	83	64	37 055	959,840	5 273,428	5,494	5,028
34	15	97 875	21 913,787	421 867,537	19,251	18,786	84	65	33 467	829,557	4 313,588	5,200	4,734
35	16	97 783	20 950,348	399 953,750	19,091	18,625	85	66	29 878	708,699	3 484,031	4,916	4,450
36	17	97 682	20 027,608	379 003,402	18,924	18,458	86	67	26 290	596,738	2 775,332	4,651	4,185
37	18	97 576	19 144,331	358 975,795	18,751	18,285	87	68	22 780	494,797	2 178,594	4,403	3,937
38	19	97 458	18 297,842	339 831,464	18,572	18,107	88	69	19 356	402,331	1 683,797	4,185	3,719
39	20	97 332	17 487,283	321 533,621	18,387	17,921	89	70	16 256	323,345	1 281,466	3,963	3,498
40	21	97 198	16 711,072	304 046,338	18,194	17,729	90	71	13 422	255,482	958,120	3,750	3,285
41	22	97 044	15 966,202	287 335,266	17,996	17,531	91	72	10 994	200,254	702,638	3,509	3,043
42	23	96 878	15 252,462	271 369,064	17,792	17,326	92	73	8 722	152,025	502,384	3,305	2,839
43	24	96 700	14 568,806	256 116,602	17,580	17,114	93	74	6 709	111,900	350,359	3,131	2,665
44	25	96 492	13 911,467	241 547,796	17,363	16,898	94	75	5 038	80,419	238,459	2,965	2,500
45	26	96 265	13 281,118	227 636,329	17,140	16,674	95	76	3 680	56,211	158,039	2,812	2,346
46	27	96 007	12 675,181	214 355,211	16,911	16,446	96	77	2 611	38,158	101,828	2,669	2,203
47	28	95 718	12 092,827	201 680,031	16,678	16,212	97	78	1 795	25,109	63,670	2,536	2,070
48	29	95 397	11 533,292	189 587,203	16,438	15,973	98	79	1 194	15,982	38,561	2,413	1,947
49	30	95 034	10 994,617	178 053,912	16,195	15,729	99	80	767	9,827	22,579	2,298	1,832
							100	81	475	5,820	12,752	2,191	1,726



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	10 480,181	167 310,569	15,964	15,499
1							51	31	94 233	9 983,298	156 830,388	15,709	15,244
2							52	32	93 750	9 504,430	146 847,089	15,450	14,985
3							53	33	93 225	9 044,178	137 342,660	15,186	14,720
4							54	34	92 657	8 601,947	128 298,481	14,915	14,449
5							55	35	92 026	8 175,461	119 696,534	14,641	14,175
6							56	36	91 352	7 766,127	111 521,073	14,360	13,894
7							57	37	90 629	7 372,901	103 754,946	14,072	13,607
8							58	38	89 860	6 995,529	96 382,046	13,778	13,312
9							59	39	89 013	6 631,179	89 386,517	13,480	13,014
10							60	40	88 096	6 280,306	82 755,338	13,177	12,711
11							61	41	87 100	5 941,900	76 475,032	12,870	12,405
12							62	42	86 049	5 617,434	70 533,131	12,556	12,090
13							63	43	84 911	5 304,426	64 915,697	12,238	11,772
14							64	44	83 707	5 004,051	59 611,272	11,913	11,447
15							65	45	82 411	4 714,404	54 607,220	11,583	11,117
16							66	46	81 017	4 435,069	49 892,816	11,250	10,784
17							67	47	79 543	4 166,862	45 457,747	10,909	10,444
18							68	48	77 973	3 908,748	41 290,885	10,564	10,098
19							69	49	76 299	3 660,126	37 382,137	10,213	9,748
20	0	99 213	41 138,151	858 574,544	20,871	20,405	70	50	74 494	3 419,630	33 722,010	9,861	9,396
21	1	98 837	39 217,252	817 436,393	20,844	20,378	71	51	72 567	3 187,716	30 302,381	9,506	9,040
22	2	98 753	37 496,643	778 219,141	20,754	20,289	72	52	70 516	2 964,239	27 114,665	9,147	8,682
23	3	98 682	35 855,984	740 722,498	20,658	20,193	73	53	68 275	2 746,442	24 150,426	8,793	8,328
24	4	98 613	34 288,132	704 866,514	20,557	20,092	74	54	65 885	2 536,188	21 403,984	8,439	7,974
25	5	98 545	32 788,776	670 578,382	20,451	19,986	75	55	63 305	2 331,919	18 867,796	8,091	7,625
26	6	98 477	31 355,387	637 789,606	20,341	19,875	76	56	60 571	2 135,158	16 535,877	7,745	7,279
27	7	98 409	29 984,426	606 434,220	20,225	19,759	77	57	57 677	1 945,574	14 400,719	7,402	6,936
28	8	98 339	28 672,674	576 449,794	20,105	19,639	78	58	54 584	1 761,965	12 455,145	7,069	6,603
29	9	98 272	27 419,259	547 777,120	19,978	19,512	79	59	51 312	1 585,025	10 693,180	6,746	6,281
30	10	98 202	26 219,980	520 357,861	19,846	19,380	80	60	47 973	1 418,070	9 108,155	6,423	5,957
31	11	98 129	25 072,203	494 137,880	19,709	19,243	81	61	44 471	1 257,943	7 690,085	6,113	5,648
32	12	98 049	23 972,850	469 065,678	19,567	19,101	82	62	40 908	1 107,321	6 432,142	5,809	5,343
33	13	97 968	22 921,643	445 092,828	19,418	18,952	83	63	37 304	966,284	5 324,820	5,511	5,045
34	14	97 887	21 916,500	422 171,185	19,263	18,797	84	64	33 709	835,570	4 358,536	5,216	4,751
35	15	97 796	20 953,188	400 254,684	19,102	18,637	85	65	30 111	714,229	3 522,966	4,933	4,467
36	16	97 698	20 030,828	379 301,496	18,936	18,470	86	66	26 508	601,684	2 808,738	4,668	4,203
37	17	97 593	19 147,692	359 270,668	18,763	18,298	87	67	22 987	499,301	2 207,054	4,420	3,955
38	18	97 480	18 301,840	340 122,976	18,584	18,118	88	68	19 548	406,311	1 707,753	4,203	3,737
39	19	97 353	17 491,045	321 821,136	18,399	17,934	89	69	16 436	326,931	1 301,442	3,981	3,515
40	20	97 218	16 714,599	304 330,091	18,207	17,742	90	70	13 585	258,572	974,512	3,769	3,303
41	21	97 065	15 969,654	287 615,492	18,010	17,545	91	71	11 143	202,962	715,940	3,527	3,062
42	22	96 900	15 255,968	271 645,838	17,806	17,340	92	72	8 859	154,414	512,977	3,322	2,856
43	23	96 722	14 572,120	256 389,871	17,595	17,129	93	73	6 827	113,875	358,563	3,149	2,683
44	24	96 514	13 914,630	241 817,750	17,379	16,913	94	74	5 138	82,004	244,688	2,984	2,518
45	25	96 286	13 284,078	227 903,120	17,156	16,690	95	75	3 764	57,492	162,684	2,830	2,364
46	26	96 033	12 678,568	214 619,042	16,928	16,462	96	76	2 679	39,151	105,192	2,687	2,221
47	27	95 743	12 095,950	201 940,474	16,695	16,229	97	77	1 849	25,857	66,041	2,554	2,088
48	28	95 422	11 536,288	189 844,524	16,456	15,991	98	78	1 235	16,532	40,184	2,431	1,965
49	29	95 060	10 997,667	178 308,236	16,213	15,748	99	79	797	10,210	23,652	2,317	1,851
							100	80	496	6,083	13,442	2,210	1,744

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	10 483,089	167 540,336	15,982	15,516
1							51	30	94 259	9 986,039	157 057,247	15,728	15,262
2							52	31	93 781	9 507,529	147 071,208	15,469	15,003
3							53	32	93 257	9 047,312	137 563,679	15,205	14,739
4							54	33	92 690	8 605,061	128 516,367	14,935	14,469
5							55	34	92 063	8 178,780	119 911,306	14,661	14,196
6							56	35	91 391	7 769,438	111 732,526	14,381	13,915
7							57	36	90 671	7 376,340	103 963,089	14,094	13,629
8							58	37	89 907	6 999,215	96 586,748	13,800	13,334
9							59	38	89 065	6 635,091	89 587,533	13,502	13,036
10							60	39	88 158	6 284,726	82 952,442	13,199	12,733
11							61	40	87 162	5 946,139	76 667,716	12,894	12,428
12							62	41	86 121	5 622,106	70 721,577	12,579	12,114
13							63	42	84 992	5 309,448	65 099,471	12,261	11,795
14							64	43	83 796	5 009,339	59 790,023	11,936	11,470
15							65	44	82 504	4 719,741	54 780,684	11,607	11,141
16							66	45	81 127	4 441,076	50 060,943	11,272	10,807
17							67	46	79 666	4 173,335	45 619,867	10,931	10,466
18							68	47	78 109	3 915,543	41 446,532	10,585	10,120
19							69	48	76 441	3 666,921	37 530,989	10,235	9,769
20							70	49	74 650	3 426,799	33 864,068	9,882	9,417
21	0	99 154	39 343,134	817 883,295	20,788	20,323	71	50	72 736	3 195,181	30 437,270	9,526	9,060
22	1	98 781	37 507,307	778 540,161	20,757	20,291	72	51	70 692	2 971,641	27 242,088	9,167	8,702
23	2	98 698	35 861,766	741 032,853	20,664	20,198	73	52	68 464	2 754,073	24 270,447	8,813	8,347
24	3	98 627	34 293,049	705 171,088	20,563	20,097	74	53	66 086	2 543,920	21 516,374	8,458	7,992
25	4	98 556	32 792,706	670 878,038	20,458	19,993	75	54	63 507	2 339,372	18 972,455	8,110	7,644
26	5	98 486	31 358,223	638 085,332	20,348	19,883	76	55	60 790	2 142,867	16 633,082	7,762	7,296
27	6	98 417	29 986,830	606 727,109	20,233	19,768	77	56	57 897	1 952,981	14 490,215	7,420	6,954
28	7	98 347	28 675,070	576 740,279	20,113	19,647	78	57	54 810	1 769,266	12 537,234	7,086	6,621
29	8	98 278	27 420,962	548 065,209	19,987	19,521	79	58	51 548	1 592,285	10 767,968	6,763	6,297
30	9	98 208	26 221,645	520 644,247	19,856	19,390	80	59	48 204	1 424,879	9 175,683	6,440	5,974
31	10	98 137	25 074,222	494 422,602	19,718	19,253	81	60	44 716	1 264,859	7 750,804	6,128	5,662
32	11	98 056	23 974,754	469 348,379	19,577	19,111	82	61	41 142	1 113,653	6 485,945	5,824	5,358
33	12	97 975	22 923,400	445 373,625	19,429	18,963	83	62	37 540	972,385	5 372,292	5,525	5,059
34	13	97 897	21 918,657	422 450,225	19,274	18,808	84	63	33 936	841,179	4 399,907	5,231	4,765
35	14	97 808	20 955,782	400 531,568	19,113	18,648	85	64	30 329	719,406	3 558,727	4,947	4,481
36	15	97 711	20 033,544	379 575,786	18,947	18,481	86	65	26 714	606,378	2 839,322	4,682	4,217
37	16	97 609	19 150,771	359 542,242	18,774	18,309	87	66	23 177	503,439	2 232,943	4,435	3,970
38	17	97 497	18 305,053	340 391,472	18,595	18,130	88	67	19 725	410,009	1 729,504	4,218	3,753
39	18	97 375	17 494,866	322 086,418	18,410	17,945	89	68	16 599	330,165	1 319,495	3,996	3,531
40	19	97 239	16 718,194	304 591,552	18,219	17,754	90	69	13 735	261,439	989,331	3,784	3,319
41	20	97 086	15 973,024	287 873,358	18,022	17,557	91	70	11 278	205,417	727,891	3,543	3,078
42	21	96 921	15 259,266	271 900,334	17,819	17,353	92	71	8 979	156,503	522,475	3,338	2,873
43	22	96 744	14 575,470	256 641,068	17,608	17,142	93	72	6 934	115,664	365,972	3,164	2,698
44	23	96 536	13 917,796	242 065,598	17,393	16,927	94	73	5 228	83,451	250,307	2,999	2,534
45	24	96 308	13 287,099	228 147,802	17,171	16,705	95	74	3 838	58,625	166,857	2,846	2,381
46	25	96 054	12 681,394	214 860,703	16,943	16,477	96	75	2 740	40,043	108,232	2,703	2,237
47	26	95 768	12 099,182	202 179,309	16,710	16,245	97	76	1 897	26,530	68,189	2,570	2,105
48	27	95 447	11 539,267	190 080,127	16,472	16,007	98	77	1 272	17,025	41,659	2,447	1,981
49	28	95 085	11 000,525	178 540,860	16,230	15,765	99	78	825	10,561	24,634	2,332	1,867
							100	79	516	6,321	14,073	2,226	1,761

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	10 485,812	167 750,453	15,998	15,532
1							51	29	94 285	9 988,809	157 264,641	15,744	15,278
2							52	30	93 807	9 510,139	147 275,832	15,486	15,021
3							53	31	93 288	9 050,262	137 765,692	15,222	14,757
4							54	32	92 722	8 608,042	128 715,430	14,953	14,487
5							55	33	92 096	8 181,740	120 107,388	14,680	14,214
6							56	34	91 428	7 772,592	111 925,648	14,400	13,934
7							57	35	90 710	7 379,485	104 153,056	14,114	13,648
8							58	36	89 949	7 002,480	96 773,571	13,820	13,354
9							59	37	89 112	6 638,588	89 771,090	13,523	13,057
10							60	38	88 210	6 288,433	83 132,503	13,220	12,754
11							61	39	87 224	5 950,324	76 844,069	12,914	12,449
12							62	40	86 182	5 626,116	70 893,746	12,601	12,135
13							63	41	85 062	5 313,864	65 267,630	12,283	11,817
14							64	42	83 875	5 014,082	59 953,766	11,957	11,491
15							65	43	82 592	4 724,729	54 939,684	11,628	11,163
16							66	44	81 218	4 446,103	50 214,955	11,294	10,829
17							67	45	79 774	4 178,987	45 768,852	10,952	10,487
18							68	46	78 230	3 921,625	41 589,865	10,605	10,140
19							69	47	76 574	3 673,296	37 668,239	10,255	9,789
20							70	48	74 788	3 433,160	33 994,944	9,902	9,436
21							71	49	72 889	3 201,880	30 561,783	9,545	9,079
22	0	99 098	37 627,701	778 955,159	20,702	20,236	72	50	70 857	2 978,601	27 359,904	9,185	8,720
23	1	98 726	35 871,965	741 327,457	20,666	20,200	73	51	68 635	2 760,950	24 381,303	8,831	8,365
24	2	98 643	34 298,579	705 455,492	20,568	20,102	74	52	66 270	2 550,988	21 620,353	8,475	8,010
25	3	98 570	32 797,409	671 156,913	20,464	19,998	75	53	63 701	2 346,504	19 069,366	8,127	7,661
26	4	98 498	31 361,982	638 359,504	20,355	19,889	76	54	60 984	2 149,717	16 722,862	7,779	7,313
27	5	98 426	29 989,543	606 997,522	20,240	19,775	77	55	58 106	1 960,032	14 573,145	7,435	6,970
28	6	98 355	28 677,369	577 007,980	20,121	19,655	78	56	55 019	1 776,002	12 613,112	7,102	6,636
29	7	98 286	27 423,253	548 330,611	19,995	19,529	79	57	51 761	1 598,883	10 837,111	6,778	6,312
30	8	98 215	26 223,274	520 907,357	19,864	19,399	80	58	48 425	1 431,406	9 238,228	6,454	5,988
31	9	98 143	25 075,814	494 684,084	19,728	19,262	81	59	44 931	1 270,932	7 806,822	6,143	5,677
32	10	98 064	23 976,686	469 608,269	19,586	19,120	82	60	41 368	1 119,776	6 535,890	5,837	5,371
33	11	97 983	22 925,221	445 631,583	19,438	18,973	83	61	37 754	977,945	5 416,115	5,538	5,073
34	12	97 904	21 920,337	422 706,362	19,284	18,818	84	62	34 150	846,491	4 438,169	5,243	4,777
35	13	97 818	20 957,844	400 786,025	19,123	18,658	85	63	30 533	724,235	3 591,678	4,959	4,494
36	14	97 723	20 036,024	379 828,181	18,957	18,492	86	64	26 908	610,773	2 867,443	4,695	4,229
37	15	97 622	19 153,367	359 792,158	18,785	18,319	87	65	23 358	507,367	2 256,670	4,448	3,982
38	16	97 512	18 307,996	340 638,790	18,606	18,140	88	66	19 889	413,407	1 749,302	4,231	3,766
39	17	97 392	17 497,938	322 330,794	18,421	17,955	89	67	16 750	333,170	1 335,895	4,010	3,544
40	18	97 260	16 721,847	304 832,856	18,230	17,764	90	68	13 871	264,025	1 002,725	3,798	3,332
41	19	97 107	15 976,460	288 111,009	18,033	17,568	91	69	11 403	207,695	738,700	3,557	3,091
42	20	96 941	15 262,486	272 134,549	17,830	17,365	92	70	9 087	158,395	531,005	3,352	2,887
43	21	96 765	14 578,621	256 872,063	17,620	17,154	93	71	7 028	117,229	372,610	3,178	2,713
44	22	96 558	13 920,995	242 293,442	17,405	16,939	94	72	5 310	84,762	255,381	3,013	2,547
45	23	96 330	13 290,122	228 372,448	17,184	16,718	95	73	3 906	59,659	170,619	2,860	2,394
46	24	96 076	12 684,278	215 082,325	16,957	16,491	96	74	2 794	40,832	110,960	2,717	2,252
47	25	95 790	12 101,879	202 398,048	16,725	16,259	97	75	1 940	27,134	70,128	2,584	2,119
48	26	95 472	11 542,350	190 296,169	16,487	16,021	98	76	1 305	17,467	42,993	2,461	1,996
49	27	95 109	11 003,365	178 753,818	16,245	15,780	99	77	849	10,876	25,526	2,347	1,881
							100	78	533	6,538	14,650	2,241	1,775

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	10 488,520	167 942,765	16,012	15,546
1							51	28	94 310	9 991,405	157 454,246	15,759	15,293
2							52	29	93 833	9 512,778	147 462,841	15,502	15,036
3							53	30	93 313	9 052,747	137 950,063	15,238	14,773
4							54	31	92 753	8 610,849	128 897,317	14,969	14,504
5							55	32	92 128	8 184,575	120 286,467	14,697	14,231
6							56	33	91 461	7 775,405	112 101,892	14,417	13,952
7							57	34	90 747	7 382,481	104 326,487	14,132	13,666
8							58	35	89 987	7 005,466	96 944,006	13,838	13,373
9							59	36	89 154	6 641,685	89 938,540	13,542	13,076
10							60	37	88 257	6 291,747	83 296,855	13,239	12,773
11							61	38	87 275	5 953,834	77 005,108	12,934	12,468
12							62	39	86 243	5 630,076	71 051,275	12,620	12,154
13							63	40	85 123	5 317,654	65 421,199	12,303	11,837
14							64	41	83 945	5 018,252	60 103,545	11,977	11,511
15							65	42	82 670	4 729,202	55 085,293	11,648	11,182
16							66	43	81 304	4 450,801	50 356,090	11,314	10,848
17							67	44	79 865	4 183,718	45 905,289	10,972	10,507
18							68	45	78 336	3 926,937	41 721,571	10,624	10,159
19							69	46	76 693	3 679,001	37 794,634	10,273	9,807
20							70	47	74 918	3 439,128	34 115,633	9,920	9,454
21							71	48	73 024	3 207,824	30 676,504	9,563	9,097
22							72	49	71 006	2 984,845	27 468,681	9,203	8,737
23	0	99 043	35 987,110	741 712,948	20,611	20,145	73	50	68 796	2 767,416	24 483,835	8,847	8,382
24	1	98 671	34 308,334	705 725,838	20,570	20,104	74	51	66 435	2 557,358	21 716,420	8,492	8,026
25	2	98 586	32 802,697	671 417,504	20,468	20,003	75	52	63 878	2 353,024	19 159,062	8,142	7,677
26	3	98 512	31 366,480	638 614,807	20,360	19,894	76	53	61 170	2 156,270	16 806,038	7,794	7,328
27	4	98 438	29 993,137	607 248,327	20,246	19,781	77	54	58 291	1 966,297	14 649,768	7,450	6,985
28	5	98 364	28 679,963	577 255,190	20,127	19,662	78	55	55 218	1 782,414	12 683,471	7,116	6,650
29	6	98 294	27 425,452	548 575,227	20,002	19,537	79	56	51 958	1 604,970	10 901,057	6,792	6,326
30	7	98 223	26 225,465	521 149,774	19,872	19,406	80	57	48 625	1 437,337	9 296,087	6,468	6,002
31	8	98 149	25 077,372	494 924,309	19,736	19,270	81	58	45 136	1 276,753	7 858,750	6,155	5,690
32	9	98 070	23 978,208	469 846,937	19,595	19,129	82	59	41 567	1 125,152	6 581,997	5,850	5,384
33	10	97 991	22 927,068	445 868,729	19,447	18,982	83	60	37 962	983,322	5 456,845	5,549	5,084
34	11	97 912	21 922,078	422 941,661	19,293	18,827	84	61	34 345	851,331	4 473,522	5,255	4,789
35	12	97 825	20 959,451	401 019,583	19,133	18,668	85	62	30 725	728,808	3 622,191	4,970	4,504
36	13	97 733	20 037,995	380 060,133	18,967	18,501	86	63	27 089	614,874	2 893,383	4,706	4,240
37	14	97 634	19 155,739	360 022,138	18,794	18,329	87	64	23 528	511,044	2 278,509	4,459	3,993
38	15	97 526	18 310,479	340 866,399	18,616	18,150	88	65	20 044	416,633	1 767,464	4,242	3,777
39	16	97 407	17 500,751	322 555,920	18,431	17,965	89	66	16 889	335,931	1 350,831	4,021	3,556
40	17	97 277	16 724,783	305 055,169	18,240	17,774	90	67	13 997	266,429	1 014,900	3,809	3,344
41	18	97 128	15 979,951	288 330,386	18,043	17,578	91	68	11 515	209,749	748,472	3,568	3,103
42	19	96 962	15 265,769	272 350,436	17,841	17,375	92	69	9 188	160,152	538,723	3,364	2,898
43	20	96 785	14 581,697	257 084,667	17,631	17,165	93	70	7 113	118,646	378,571	3,191	2,725
44	21	96 579	13 924,004	242 502,969	17,416	16,951	94	71	5 382	85,908	259,925	3,026	2,560
45	22	96 352	13 293,177	228 578,965	17,195	16,730	95	72	3 967	60,597	174,016	2,872	2,406
46	23	96 098	12 687,163	215 285,788	16,969	16,503	96	73	2 843	41,552	113,419	2,730	2,264
47	24	95 811	12 104,631	202 598,625	16,737	16,272	97	74	1 978	27,669	71,867	2,597	2,132
48	25	95 493	11 544,923	190 493,994	16,500	16,035	98	75	1 335	17,865	44,198	2,474	2,008
49	26	95 135	11 006,305	178 949,071	16,259	15,793	99	76	871	11,159	26,332	2,360	1,894
							100	77	549	6,733	15,173	2,253	1,788

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	10 491,323	168 119,057	16,025	15,559
1							51	27	94 334	9 993,984	157 627,735	15,772	15,307
2							52	28	93 857	9 515,249	147 633,751	15,515	15,050
3							53	29	93 339	9 055,258	138 118,501	15,253	14,787
4							54	30	92 778	8 613,213	129 063,243	14,984	14,519
5							55	31	92 158	8 187,244	120 450,030	14,712	14,246
6							56	32	91 493	7 778,099	112 262,786	14,433	13,968
7							57	33	90 780	7 385,153	104 484,687	14,148	13,682
8							58	34	90 024	7 008,310	97 099,534	13,855	13,389
9							59	35	89 192	6 644,517	90 091,224	13,559	13,093
10							60	36	88 298	6 294,682	83 446,707	13,257	12,791
11							61	37	87 321	5 956,971	77 152,025	12,952	12,486
12							62	38	86 294	5 633,397	71 195,054	12,638	12,172
13							63	39	85 183	5 321,397	65 561,657	12,320	11,855
14							64	40	84 005	5 021,832	60 240,260	11,996	11,530
15							65	41	82 739	4 733,135	55 218,428	11,666	11,201
16							66	42	81 381	4 455,016	50 485,293	11,332	10,867
17							67	43	79 949	4 188,139	46 030,278	10,991	10,525
18							68	44	78 425	3 931,383	41 842,139	10,643	10,177
19							69	45	76 797	3 683,984	37 910,756	10,291	9,825
20							70	46	75 035	3 444,471	34 226,772	9,937	9,471
21							71	47	73 151	3 213,400	30 782,301	9,579	9,114
22							72	48	71 138	2 990,386	27 568,901	9,219	8,754
23							73	49	68 940	2 773,218	24 578,515	8,863	8,397
24	0	98 988	34 418,459	706 084,025	20,515	20,049	74	50	66 591	2 563,347	21 805,297	8,507	8,041
25	1	98 614	32 812,027	671 665,565	20,470	20,004	75	51	64 037	2 358,899	19 241,951	8,157	7,692
26	2	98 528	31 371,537	638 853,538	20,364	19,898	76	52	61 340	2 162,261	16 883,051	7,808	7,342
27	3	98 452	29 997,439	607 482,001	20,251	19,786	77	53	58 469	1 972,291	14 720,790	7,464	6,998
28	4	98 375	28 683,401	577 484,563	20,133	19,667	78	54	55 394	1 788,111	12 748,498	7,130	6,664
29	5	98 303	27 427,933	548 801,162	20,009	19,543	79	55	52 146	1 610,765	10 960,387	6,804	6,339
30	6	98 231	26 227,568	521 373,228	19,879	19,413	80	56	48 810	1 442,809	9 349,622	6,480	6,015
31	7	98 157	25 079,467	495 145,661	19,743	19,277	81	57	45 323	1 282,044	7 906,813	6,167	5,702
32	8	98 077	23 979,698	470 066,193	19,603	19,137	82	58	41 757	1 130,306	6 624,770	5,861	5,395
33	9	97 997	22 928,523	446 086,496	19,456	18,990	83	59	38 144	988,043	5 494,464	5,561	5,095
34	10	97 920	21 923,844	423 157,972	19,301	18,836	84	60	34 534	856,012	4 506,421	5,264	4,799
35	11	97 833	20 961,115	401 234,128	19,142	18,676	85	61	30 901	732,976	3 650,409	4,980	4,515
36	12	97 740	20 039,531	380 273,013	18,976	18,511	86	62	27 260	618,756	2 917,433	4,715	4,249
37	13	97 644	19 157,623	360 233,482	18,804	18,338	87	63	23 685	514,475	2 298,677	4,468	4,002
38	14	97 538	18 312,746	341 075,858	18,625	18,159	88	64	20 189	419,653	1 784,201	4,252	3,786
39	15	97 421	17 503,124	322 763,113	18,440	17,975	89	65	17 021	338,552	1 364,549	4,031	3,565
40	16	97 293	16 727,472	305 259,989	18,249	17,783	90	66	14 113	268,637	1 025,996	3,819	3,354
41	17	97 145	15 982,756	288 532,517	18,053	17,587	91	67	11 620	211,658	757,360	3,578	3,113
42	18	96 983	15 269,104	272 549,761	17,850	17,384	92	68	9 279	161,736	545,701	3,374	2,908
43	19	96 806	14 584,834	257 280,656	17,640	17,175	93	69	7 192	119,962	383,966	3,201	2,735
44	20	96 599	13 926,943	242 695,822	17,426	16,961	94	70	5 447	86,947	264,004	3,036	2,571
45	21	96 373	13 296,051	228 768,880	17,206	16,740	95	71	4 021	61,417	177,056	2,883	2,417
46	22	96 120	12 690,080	215 472,829	16,980	16,514	96	72	2 888	42,205	115,639	2,740	2,274
47	23	95 833	12 107,385	202 782,749	16,749	16,283	97	73	2 013	28,157	73,434	2,608	2,142
48	24	95 515	11 547,548	190 675,364	16,512	16,047	98	74	1 361	18,218	45,277	2,485	2,020
49	25	95 156	11 008,759	179 127,816	16,271	15,806	99	75	891	11,414	27,059	2,371	1,905
							100	76	564	6,908	15,646	2,265	1,799

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 4,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	10 493,661	168 280,398	16,036	15,571
1							51	26	94 359	9 996,655	157 786,737	15,784	15,318
2							52	27	93 881	9 517,706	147 790,082	15,528	15,062
3							53	28	93 363	9 057,611	138 272,376	15,266	14,800
4							54	29	92 804	8 615,603	129 214,765	14,998	14,532
5							55	30	92 183	8 189,492	120 599,163	14,726	14,260
6							56	31	91 522	7 780,636	112 409,671	14,447	13,982
7							57	32	90 811	7 387,712	104 629,035	14,163	13,697
8							58	33	90 057	7 010,846	97 241,324	13,870	13,405
9							59	34	89 228	6 647,214	90 230,477	13,574	13,109
10							60	35	88 336	6 297,366	83 583,263	13,273	12,807
11							61	36	87 362	5 959,750	77 285,897	12,968	12,502
12							62	37	86 339	5 636,366	71 326,147	12,655	12,189
13							63	38	85 233	5 324,536	65 689,781	12,337	11,872
14							64	39	84 064	5 025,366	60 365,245	12,012	11,546
15							65	40	82 798	4 736,511	55 339,880	11,684	11,218
16							66	41	81 449	4 458,721	50 603,368	11,349	10,884
17							67	42	80 025	4 192,104	46 144,647	11,008	10,542
18							68	43	78 508	3 935,537	41 952,543	10,660	10,194
19							69	44	76 884	3 688,155	38 017,006	10,308	9,842
20							70	45	75 136	3 449,136	34 328,851	9,953	9,487
21							71	46	73 265	3 218,392	30 879,716	9,595	9,129
22							72	47	71 261	2 995,585	27 661,324	9,234	8,768
23							73	48	69 068	2 778,366	24 665,739	8,878	8,412
24							74	49	66 730	2 568,721	21 887,374	8,521	8,055
25	0	98 931	32 917,350	671 998,474	20,415	19,949	75	50	64 187	2 364,424	19 318,653	8,171	7,705
26	1	98 556	31 380,460	639 081,124	20,366	19,900	76	51	61 494	2 167,661	16 954,229	7,821	7,356
27	2	98 468	30 002,275	607 700,665	20,255	19,790	77	52	58 631	1 977,771	14 786,568	7,476	7,011
28	3	98 390	28 687,514	577 698,389	20,138	19,672	78	53	55 563	1 793,562	12 808,797	7,142	6,676
29	4	98 314	27 431,221	549 010,875	20,014	19,548	79	54	52 312	1 615,913	11 015,235	6,817	6,351
30	5	98 239	26 229,940	521 579,654	19,885	19,419	80	55	48 987	1 448,018	9 399,321	6,491	6,026
31	6	98 165	25 081,478	495 349,714	19,750	19,284	81	56	45 496	1 286,925	7 951,303	6,179	5,713
32	7	98 085	23 981,701	470 268,235	19,609	19,144	82	57	41 930	1 134,989	6 664,378	5,872	5,406
33	8	98 003	22 929,948	446 286,534	19,463	18,997	83	58	38 319	992,569	5 529,389	5,571	5,105
34	9	97 926	21 925,236	423 356,587	19,309	18,843	84	59	34 700	860,122	4 536,820	5,275	4,809
35	10	97 841	20 962,804	401 431,351	19,150	18,684	85	60	31 071	737,006	3 676,698	4,989	4,523
36	11	97 748	20 041,123	380 468,546	18,984	18,519	86	61	27 416	622,294	2 939,693	4,724	4,258
37	12	97 651	19 159,092	360 427,424	18,812	18,347	87	62	23 835	517,724	2 317,398	4,476	4,011
38	13	97 547	18 314,547	341 268,332	18,634	18,168	88	63	20 325	422,470	1 799,674	4,260	3,794
39	14	97 433	17 505,291	322 953,785	18,449	17,983	89	64	17 144	341,006	1 377,204	4,039	3,573
40	15	97 306	16 729,740	305 448,493	18,258	17,792	90	65	14 224	270,733	1 036,198	3,827	3,362
41	16	97 160	15 985,326	288 718,754	18,061	17,596	91	66	11 717	213,412	765,465	3,587	3,121
42	17	97 001	15 271,785	272 733,427	17,859	17,393	92	67	9 364	163,208	552,053	3,383	2,917
43	18	96 827	14 588,020	257 461,642	17,649	17,183	93	68	7 263	121,149	388,845	3,210	2,744
44	19	96 620	13 929,939	242 873,622	17,435	16,970	94	69	5 508	87,912	267,696	3,045	2,579
45	20	96 393	13 298,857	228 943,683	17,215	16,750	95	70	4 070	62,159	179,785	2,892	2,427
46	21	96 141	12 692,823	215 644,827	16,990	16,524	96	71	2 927	42,776	117,625	2,750	2,284
47	22	95 855	12 110,168	202 952,004	16,759	16,293	97	72	2 045	28,600	74,849	2,617	2,152
48	23	95 537	11 550,175	190 841,836	16,523	16,057	98	73	1 385	18,539	46,249	2,495	2,029
49	24	95 178	11 011,262	179 291,660	16,283	15,817	99	74	909	11,638	27,710	2,381	1,915
							100	75	576	7,066	16,072	2,275	1,809

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 093 695,296	20,937	20,471	50	50	93 003	9 136,837	133 328,028	14,592	14,126
1	1	99 275	94 773,410	1 993 695,296	21,036	20,570	51	51	92 389	8 664,963	124 191,191	14,333	13,867
2	2	99 212	90 417,890	1 898 921,886	21,002	20,536	52	52	91 717	8 211,822	115 526,228	14,068	13,602
3	3	99 177	86 287,267	1 808 503,996	20,959	20,493	53	53	90 982	7 776,609	107 314,406	13,800	13,334
4	4	99 147	82 350,232	1 722 216,729	20,913	20,447	54	54	90 185	7 358,943	99 537,797	13,526	13,060
5	5	99 121	78 595,224	1 639 866,498	20,865	20,399	55	55	89 321	6 957,985	92 178,855	13,248	12,782
6	6	99 101	75 015,772	1 561 271,273	20,813	20,347	56	56	88 386	6 572,913	85 220,870	12,965	12,499
7	7	99 082	71 600,811	1 486 255,501	20,758	20,292	57	57	87 395	6 204,492	78 647,957	12,676	12,210
8	8	99 064	68 341,676	1 414 654,690	20,700	20,234	58	58	86 341	5 851,723	72 443,465	12,380	11,914
9	9	99 049	65 232,326	1 346 313,014	20,639	20,173	59	59	85 187	5 511,726	66 591,742	12,082	11,616
10	10	99 034	62 264,997	1 281 080,688	20,575	20,109	60	60	83 967	5 186,391	61 080,016	11,777	11,311
11	11	99 017	59 431,422	1 218 815,691	20,508	20,042	61	61	82 622	4 871,924	55 893,626	11,473	11,007
12	12	99 000	56 726,419	1 159 384,269	20,438	19,972	62	62	81 229	4 572,569	51 021,701	11,158	10,692
13	13	98 982	54 144,286	1 102 657,850	20,365	19,899	63	63	79 727	4 284,501	46 449,133	10,841	10,375
14	14	98 963	51 679,446	1 048 513,564	20,289	19,823	64	64	78 155	4 009,578	42 164,632	10,516	10,050
15	15	98 935	49 321,744	996 834,118	20,211	19,745	65	65	76 477	3 745,596	38 155,054	10,187	9,721
16	16	98 902	47 069,410	947 512,375	20,130	19,664	66	66	74 702	3 492,762	34 409,458	9,852	9,386
17	17	98 856	44 914,452	900 442,964	20,048	19,582	67	67	72 853	3 251,843	30 916,695	9,507	9,041
18	18	98 805	42 855,594	855 528,513	19,963	19,497	68	68	70 895	3 020,924	27 664,852	9,158	8,692
19	19	98 729	40 880,593	812 672,919	19,879	19,413	69	69	68 821	2 799,567	24 643,929	8,803	8,337
20	20	98 654	38 997,149	771 792,325	19,791	19,325	70	70	66 595	2 586,165	21 844,361	8,447	7,981
21	21	98 574	37 198,692	732 795,176	19,699	19,233	71	71	64 247	2 381,851	19 258,196	8,085	7,619
22	22	98 497	35 484,180	695 596,484	19,603	19,137	72	72	61 752	2 185,545	16 876,345	7,722	7,256
23	23	98 419	33 848,272	660 112,304	19,502	19,036	73	73	59 028	1 994,394	14 690,800	7,366	6,900
24	24	98 342	32 288,244	626 264,032	19,396	18,930	74	74	56 145	1 810,971	12 696,406	7,011	6,545
25	25	98 263	30 799,337	593 975,788	19,285	18,819	75	75	53 072	1 634,245	10 885,435	6,661	6,195
26	26	98 183	29 378,734	563 176,451	19,170	18,704	76	76	49 829	1 464,790	9 251,190	6,316	5,850
27	27	98 097	28 021,907	533 797,717	19,049	18,583	77	77	46 421	1 302,732	7 786,401	5,977	5,511
28	28	98 010	26 727,392	505 775,809	18,924	18,457	78	78	42 837	1 147,632	6 483,668	5,650	5,184
29	29	97 924	25 492,975	479 048,418	18,791	18,325	79	79	39 108	1 000,228	5 336,037	5,335	4,869
30	30	97 833	24 314,566	453 555,443	18,654	18,188	80	80	35 359	863,338	4 335,809	5,022	4,556
31	31	97 742	23 190,210	429 240,877	18,510	18,044	81	81	31 529	734,903	3 472,471	4,725	4,259
32	32	97 637	22 115,003	406 050,667	18,361	17,895	82	82	27 725	616,929	2 737,568	4,437	3,971
33	33	97 531	21 089,107	383 935,663	18,205	17,739	83	83	23 995	509,724	2 120,639	4,160	3,694
34	34	97 425	20 110,899	362 846,556	18,042	17,576	84	84	20 410	413,915	1 610,915	3,892	3,426
35	35	97 306	19 175,652	342 735,657	17,873	17,407	85	85	17 005	329,217	1 197,000	3,636	3,170
36	36	97 181	18 282,473	323 560,005	17,698	17,232	86	86	13 800	255,054	867,783	3,402	2,936
37	37	97 047	17 429,382	305 277,532	17,515	17,049	87	87	10 900	192,322	612,729	3,186	2,720
38	38	96 900	16 613,840	287 848,150	17,326	16,860	88	88	8 281	139,487	420,407	3,014	2,548
39	39	96 738	15 834,050	271 234,311	17,130	16,664	89	89	6 150	98,888	280,920	2,841	2,375
40	40	96 557	15 087,676	255 400,260	16,928	16,462	90	90	4 421	67,864	182,032	2,682	2,216
41	41	96 357	14 373,620	240 312,584	16,719	16,253	91	91	3 126	45,814	114,168	2,492	2,026
42	42	96 134	13 690,064	225 938,964	16,504	16,038	92	92	2 083	29,140	68,354	2,346	1,880
43	43	95 888	13 035,855	212 248,900	16,282	15,816	93	93	1 322	17,660	39,214	2,220	1,754
44	44	95 602	12 407,688	199 213,044	16,056	15,590	94	94	803	10,240	21,554	2,105	1,639
45	45	95 291	11 806,474	186 805,357	15,822	15,356	95	95	465	5,657	11,314	2,000	1,534
46	46	94 933	11 228,720	174 998,882	15,585	15,119	96	96	256	2,970	5,657	1,905	1,439
47	47	94 524	10 673,436	163 770,163	15,344	14,878	97	97	133	1,478	2,687	1,818	1,352
48	48	94 068	10 140,290	153 096,727	15,098	14,632	98	98	66	0,695	1,209	1,740	1,274
49	49	93 563	9 628,408	142 956,437	14,847	14,381	99	99	30	0,308	0,514	1,669	1,203
							100	100	13	0,128	0,206	1,604	1,138

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 091 708,696	20,984	20,518	50	51	92 786	9 115,490	132 132,938	14,495	14,029
1	2	99 247	94 746,463	1 992 028,657	21,025	20,559	51	52	92 159	8 643,381	123 017,448	14,233	13,767
2	3	99 196	90 403,313	1 897 282,194	20,987	20,521	52	53	91 463	8 189,068	114 374,068	13,967	13,501
3	4	99 162	86 274,894	1 806 878,882	20,943	20,477	53	54	90 705	7 752,974	106 184,999	13,696	13,230
4	5	99 135	82 340,362	1 720 603,987	20,896	20,430	54	55	89 897	7 335,496	98 432,025	13,419	12,953
5	6	99 112	78 588,115	1 638 263,625	20,846	20,380	55	56	89 000	6 932,953	91 096,530	13,140	12,674
6	7	99 093	75 009,758	1 559 675,510	20,793	20,327	56	57	88 051	6 547,982	84 163,576	12,853	12,387
7	8	99 074	71 594,830	1 484 665,753	20,737	20,271	57	58	87 034	6 178,891	77 615,594	12,561	12,095
8	9	99 058	68 337,431	1 413 070,923	20,678	20,212	58	59	85 947	5 825,041	71 436,703	12,264	11,798
9	10	99 042	65 228,184	1 344 733,492	20,616	20,150	59	60	84 780	5 485,389	65 611,662	11,961	11,495
10	11	99 026	62 259,981	1 279 505,308	20,551	20,085	60	61	83 508	5 158,032	60 126,273	11,657	11,191
11	12	99 009	59 426,702	1 217 245,326	20,483	20,017	61	62	82 152	4 844,225	54 968,241	11,347	10,881
12	13	98 992	56 722,071	1 157 818,624	20,412	19,946	62	63	80 719	4 543,877	50 124,016	11,031	10,565
13	14	98 972	54 138,959	1 101 096,554	20,338	19,872	63	64	79 195	4 255,929	45 580,139	10,710	10,244
14	15	98 951	51 673,048	1 046 957,594	20,261	19,795	64	65	77 593	3 980,726	41 324,210	10,381	9,915
15	16	98 921	49 315,057	995 284,546	20,182	19,716	65	66	75 885	3 716,596	37 343,484	10,048	9,582
16	17	98 886	47 061,843	945 969,489	20,101	19,635	66	67	74 088	3 464,052	33 626,888	9,707	9,241
17	18	98 839	44 906,568	898 907,645	20,017	19,551	67	68	72 196	3 222,513	30 162,836	9,360	8,894
18	19	98 784	42 846,233	854 001,078	19,932	19,466	68	69	70 200	2 991,333	26 940,323	9,006	8,540
19	20	98 708	40 871,802	811 154,845	19,846	19,380	69	70	68 066	2 768,863	23 948,990	8,649	8,183
20	21	98 633	38 988,921	770 283,043	19,756	19,290	70	71	65 799	2 555,265	21 180,127	8,289	7,823
21	22	98 553	37 190,651	731 294,122	19,663	19,197	71	72	63 389	2 350,070	18 624,862	7,925	7,459
22	23	98 474	35 476,026	694 103,471	19,565	19,099	72	73	60 796	2 151,724	16 274,792	7,564	7,098
23	24	98 397	33 840,573	658 627,445	19,463	18,997	73	74	58 004	1 959,820	14 123,068	7,206	6,740
24	25	98 320	32 280,903	624 786,871	19,355	18,889	74	75	55 060	1 775,976	12 163,248	6,849	6,383
25	26	98 242	30 792,474	592 505,968	19,242	18,776	75	76	51 890	1 597,832	10 387,273	6,501	6,035
26	27	98 157	29 370,885	561 713,495	19,125	18,659	76	77	48 566	1 427,661	8 789,440	6,157	5,691
27	28	98 072	28 014,674	532 342,609	19,002	18,536	77	78	45 077	1 265,013	7 361,780	5,820	5,354
28	29	97 984	26 720,450	504 327,935	18,874	18,408	78	79	41 412	1 109,464	6 096,767	5,495	5,029
29	30	97 896	25 485,904	477 607,485	18,740	18,274	79	80	37 640	962,668	4 987,304	5,181	4,715
30	31	97 807	24 307,893	452 121,581	18,600	18,134	80	81	33 826	825,892	4 024,635	4,873	4,407
31	32	97 710	23 182,650	427 813,688	18,454	17,988	81	82	29 968	698,528	3 198,743	4,579	4,113
32	33	97 604	22 107,344	404 631,039	18,303	17,837	82	83	26 148	581,846	2 500,215	4,297	3,831
33	34	97 495	21 081,477	382 523,695	18,145	17,679	83	84	22 436	476,613	1 918,369	4,025	3,559
34	35	97 385	20 102,738	361 442,217	17,980	17,514	84	85	18 900	383,292	1 441,757	3,762	3,296
35	36	97 265	19 167,480	341 339,480	17,808	17,342	85	86	15 555	301,137	1 058,465	3,515	3,049
36	37	97 135	18 273,947	322 172,000	17,630	17,164	86	87	12 466	230,403	757,328	3,287	2,821
37	38	96 996	17 420,202	303 898,052	17,445	16,979	87	88	9 650	170,270	526,925	3,095	2,629
38	39	96 843	16 604,044	286 477,850	17,253	16,787	88	89	7 242	121,986	356,655	2,924	2,458
39	40	96 670	15 822,915	269 873,805	17,056	16,590	89	90	5 290	85,067	234,669	2,759	2,293
40	41	96 488	15 076,922	254 050,890	16,850	16,384	90	91	3 766	57,807	149,602	2,588	2,122
41	42	96 277	14 361,675	238 973,968	16,640	16,174	91	92	2 585	37,881	91,795	2,423	1,957
42	43	96 043	13 677,114	224 612,293	16,422	15,956	92	93	1 689	23,633	53,914	2,281	1,815
43	44	95 786	13 022,095	210 935,179	16,198	15,732	93	94	1 049	14,007	30,281	2,162	1,696
44	45	95 494	12 393,657	197 913,083	15,969	15,503	94	95	622	7,932	16,274	2,052	1,586
45	46	95 162	11 790,505	185 519,427	15,735	15,269	95	96	351	4,274	8,342	1,952	1,486
46	47	94 785	11 211,305	173 728,921	15,496	15,030	96	97	188	2,186	4,068	1,861	1,395
47	48	94 360	10 654,913	162 517,616	15,253	14,787	97	98	95	1,058	1,882	1,779	1,313
48	49	93 894	10 121,501	151 862,704	15,004	14,538	98	99	46	0,484	0,824	1,704	1,238
49	50	93 367	9 608,265	141 741,203	14,752	14,286	99	100	21	0,208	0,340	1,636	1,170



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 089 904,066	20,972	20,506	50	52	92 555	9 092,785	130 845,339	14,390	13,924
1	3	99 231	94 731,188	1 990 252,370	21,009	20,543	51	53	91 904	8 619,431	121 752,554	14,125	13,659
2	4	99 181	90 390,350	1 895 521,181	20,970	20,504	52	54	91 185	8 164,180	113 133,123	13,857	13,391
3	5	99 150	86 264,554	1 805 130,831	20,926	20,460	53	55	90 416	7 728,272	104 968,943	13,582	13,116
4	6	99 126	82 332,914	1 718 866,276	20,877	20,411	54	56	89 574	7 309,106	97 240,671	13,304	12,838
5	7	99 104	78 581,814	1 636 533,363	20,826	20,360	55	57	88 662	6 906,657	89 931,565	13,021	12,555
6	8	99 084	75 003,491	1 557 951,549	20,772	20,306	56	58	87 687	6 520,964	83 024,908	12,732	12,266
7	9	99 068	71 590,383	1 482 948,058	20,714	20,248	57	59	86 637	6 150,717	76 503,944	12,438	11,972
8	10	99 052	68 333,093	1 411 357,675	20,654	20,188	58	60	85 537	5 797,207	70 353,227	12,136	11,670
9	11	99 035	65 222,930	1 343 024,582	20,591	20,125	59	61	84 317	5 455,395	64 556,020	11,833	11,367
10	12	99 018	62 255,037	1 277 801,653	20,525	20,059	60	62	83 033	5 128,706	59 100,625	11,523	11,057
11	13	99 002	59 422,147	1 215 546,616	20,456	19,990	61	63	81 637	4 813,829	53 971,918	11,212	10,746
12	14	98 982	56 716,491	1 156 124,470	20,384	19,918	62	64	80 181	4 513,575	49 158,089	10,891	10,425
13	15	98 960	54 132,257	1 099 407,979	20,310	19,844	63	65	78 625	4 225,304	44 644,514	10,566	10,100
14	16	98 938	51 666,043	1 045 275,722	20,231	19,765	64	66	76 992	3 949,905	40 419,210	10,233	9,767
15	17	98 905	49 307,129	993 609,678	20,151	19,685	65	67	75 262	3 686,047	36 469,305	9,894	9,428
16	18	98 868	47 053,582	944 302,549	20,069	19,603	66	68	73 420	3 432,808	32 783,258	9,550	9,084
17	19	98 817	44 896,758	897 248,967	19,985	19,519	67	69	71 489	3 190,948	29 350,450	9,198	8,732
18	20	98 762	42 837,018	852 352,208	19,898	19,432	68	70	69 430	2 958,526	26 159,502	8,842	8,376
19	21	98 687	40 863,178	809 515,190	19,810	19,344	69	71	67 253	2 735,780	23 200,977	8,481	8,015
20	22	98 612	38 980,494	768 652,012	19,719	19,253	70	72	64 921	2 521,170	20 465,197	8,117	7,651
21	23	98 530	37 182,105	729 671,518	19,624	19,158	71	73	62 408	2 313,702	17 944,027	7,756	7,290
22	24	98 452	35 467,957	692 489,413	19,524	19,058	72	74	59 742	2 114,423	15 630,325	7,392	6,926
23	25	98 374	33 832,880	657 021,456	19,420	18,954	73	75	56 883	1 921,949	13 515,902	7,032	6,566
24	26	98 298	32 273,710	623 188,576	19,309	18,843	74	76	53 833	1 736,405	11 593,954	6,677	6,211
25	27	98 215	30 784,247	590 914,867	19,195	18,729	75	77	50 575	1 557,331	9 857,549	6,330	5,864
26	28	98 132	29 363,304	560 130,619	19,076	18,610	76	78	47 160	1 386,324	8 300,218	5,987	5,521
27	29	98 046	28 007,398	530 767,316	18,951	18,485	77	79	43 578	1 222,941	6 913,894	5,653	5,187
28	30	97 957	26 713,038	502 759,918	18,821	18,355	78	80	39 857	1 067,802	5 690,954	5,330	4,864
29	31	97 870	25 478,910	476 046,879	18,684	18,218	79	81	36 007	920,914	4 623,151	5,020	4,554
30	32	97 775	24 299,968	450 567,970	18,542	18,076	80	82	32 151	785,014	3 702,237	4,716	4,250
31	33	97 676	23 174,621	426 268,002	18,394	17,928	81	83	28 264	658,805	2 917,223	4,428	3,962
32	34	97 568	22 099,346	403 093,381	18,240	17,774	82	84	24 449	544,049	2 258,418	4,151	3,685
33	35	97 456	21 072,922	380 994,035	18,080	17,614	83	85	20 776	441,350	1 714,369	3,884	3,418
34	36	97 344	20 094,171	359 921,113	17,912	17,446	84	86	17 288	350,599	1 273,019	3,631	3,165
35	37	97 220	19 158,542	339 826,943	17,738	17,272	85	87	14 051	272,032	922,420	3,391	2,925
36	38	97 084	18 264,323	320 668,401	17,557	17,091	86	88	11 037	203,985	650,388	3,188	2,722
37	39	96 938	17 409,932	302 404,078	17,370	16,904	87	89	8 440	148,908	446,403	2,998	2,532
38	40	96 775	16 592,367	284 994,146	17,176	16,710	88	90	6 230	104,936	297,495	2,835	2,369
39	41	96 602	15 811,637	268 401,779	16,975	16,509	89	91	4 506	72,460	192,559	2,657	2,191
40	42	96 408	15 064,393	252 590,142	16,767	16,301	90	92	3 114	47,798	120,099	2,513	2,047
41	43	96 185	14 348,090	237 525,749	16,555	16,089	91	93	2 096	30,722	72,301	2,353	1,887
42	44	95 941	13 662,677	223 177,659	16,335	15,869	92	94	1 340	18,744	41,579	2,218	1,752
43	45	95 678	13 007,370	209 514,981	16,107	15,641	93	95	812	10,850	22,835	2,105	1,639
44	46	95 365	12 376,893	196 507,612	15,877	15,411	94	96	470	5,993	11,985	2,000	1,534
45	47	95 014	11 772,219	184 130,718	15,641	15,175	95	97	258	3,146	5,992	1,905	1,439
46	48	94 621	11 191,849	172 358,499	15,400	14,934	96	98	135	1,565	2,846	1,818	1,352
47	49	94 185	10 635,170	161 166,650	15,154	14,688	97	99	66	0,736	1,281	1,740	1,274
48	50	93 698	10 100,326	150 531,481	14,904	14,438	98	100	31	0,326	0,545	1,669	1,203
49	51	93 149	9 585,815	140 431,155	14,650	14,184							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 087 982,317	20,956	20,490	50	53	92 298	9 067,590	129 460,007	14,277	13,811
1	4	99 217	94 717,605	1 988 346,687	20,992	20,526	51	54	91 625	8 593,235	120 392,417	14,010	13,544
2	5	99 169	90 379,517	1 893 629,082	20,952	20,486	52	55	90 894	8 138,168	111 799,182	13,738	13,272
3	6	99 141	86 256,751	1 803 249,564	20,906	20,440	53	56	90 091	7 700,469	103 661,014	13,462	12,996
4	7	99 119	82 326,312	1 716 992,813	20,856	20,390	54	57	89 234	7 281,384	95 960,545	13,179	12,713
5	8	99 096	78 575,249	1 634 666,501	20,804	20,338	55	58	88 297	6 878,159	88 679,161	12,893	12,427
6	9	99 078	74 998,833	1 556 091,252	20,748	20,282	56	59	87 288	6 491,230	81 801,003	12,602	12,136
7	10	99 062	71 585,838	1 481 092,419	20,690	20,224	57	60	86 223	6 121,327	75 309,772	12,303	11,837
8	11	99 044	68 327,588	1 409 506,582	20,629	20,163	58	61	85 069	5 765,508	69 188,445	12,000	11,534
9	12	99 027	65 217,750	1 341 178,994	20,565	20,099	59	62	83 837	5 424,379	63 422,937	11,692	11,226
10	13	99 011	62 250,265	1 275 961,244	20,497	20,031	60	63	82 512	5 096,525	57 998,558	11,380	10,914
11	14	98 992	59 416,301	1 213 710,980	20,427	19,961	61	64	81 093	4 781,727	52 902,033	11,063	10,597
12	15	98 970	56 709,469	1 154 294,679	20,355	19,889	62	65	79 604	4 481,097	48 120,306	10,739	10,273
13	16	98 946	54 124,919	1 097 585,209	20,279	19,813	63	66	78 016	4 192,590	43 639,209	10,409	9,943
14	17	98 922	51 657,737	1 043 460,290	20,199	19,733	64	67	76 359	3 917,438	39 446,620	10,069	9,603
15	18	98 888	49 298,474	991 802,553	20,118	19,652	65	68	74 583	3 652,800	35 529,181	9,727	9,261
16	19	98 847	47 043,304	942 504,078	20,035	19,569	66	69	72 701	3 399,183	31 876,381	9,378	8,912
17	20	98 796	44 887,103	895 460,775	19,949	19,483	67	70	70 705	3 155,950	28 477,198	9,023	8,557
18	21	98 742	42 827,980	850 573,671	19,860	19,394	68	71	68 601	2 923,176	25 321,248	8,662	8,196
19	22	98 665	40 854,346	807 745,691	19,771	19,305	69	72	66 355	2 699,276	22 398,072	8,298	7,832
20	23	98 589	38 971,536	766 891,345	19,678	19,212	70	73	63 916	2 482,154	19 698,795	7,936	7,470
21	24	98 508	37 173,648	727 919,809	19,582	19,116	71	74	61 327	2 273,593	17 216,641	7,572	7,106
22	25	98 430	35 459,893	690 746,161	19,480	19,014	72	75	58 588	2 073,564	14 943,048	7,206	6,740
23	26	98 352	33 825,340	655 286,268	19,373	18,907	73	76	55 616	1 879,125	12 869,484	6,849	6,383
24	27	98 272	32 265,087	621 460,928	19,261	18,795	74	77	52 469	1 692,391	10 990,359	6,494	6,028
25	28	98 190	30 776,301	589 195,840	19,144	18,678	75	78	49 110	1 512,239	9 297,968	6,148	5,682
26	29	98 106	29 355,677	558 419,540	19,023	18,557	76	79	45 591	1 340,217	7 785,728	5,809	5,343
27	30	98 019	27 999,630	529 063,862	18,895	18,429	77	80	41 941	1 177,018	6 445,511	5,476	5,010
28	31	97 930	26 705,707	501 064,233	18,762	18,296	78	81	38 128	1 021,488	5 268,493	5,158	4,692
29	32	97 838	25 470,603	474 358,526	18,624	18,158	79	82	34 225	875,333	4 247,004	4,852	4,386
30	33	97 741	24 291,552	448 887,923	18,479	18,013	80	83	30 323	740,372	3 371,671	4,554	4,088
31	34	97 641	23 166,236	424 596,371	18,328	17,862	81	84	26 428	616,009	2 631,299	4,272	3,806
32	35	97 529	22 090,377	401 430,135	18,172	17,706	82	85	22 641	503,798	2 015,290	4,000	3,534
33	36	97 414	21 063,942	379 339,757	18,009	17,543	83	86	19 004	403,705	1 511,492	3,744	3,278
34	37	97 298	20 084,801	358 275,816	17,838	17,372	84	87	15 617	316,714	1 107,788	3,498	3,032
35	38	97 168	19 148,451	338 191,015	17,662	17,196	85	88	12 440	240,840	791,074	3,285	2,819
36	39	97 027	18 253,555	319 042,564	17,478	17,012	86	89	9 652	178,393	550,233	3,084	2,618
37	40	96 870	17 397,688	300 789,009	17,289	16,823	87	90	7 260	128,095	371,841	2,903	2,437
38	41	96 706	16 580,541	283 391,321	17,092	16,626	88	91	5 307	89,385	243,746	2,727	2,261
39	42	96 521	15 798,497	266 810,781	16,888	16,422	89	92	3 726	59,914	154,361	2,576	2,110
40	43	96 317	15 050,143	251 012,283	16,678	16,212	90	93	2 525	38,765	94,446	2,436	1,970
41	44	96 084	14 332,945	235 962,140	16,463	15,997	91	94	1 663	24,366	55,682	2,285	1,819
42	45	95 833	13 647,227	221 629,195	16,240	15,774	92	95	1 038	14,519	31,315	2,157	1,691
43	46	95 549	12 989,776	207 981,968	16,011	15,545	93	96	614	8,197	16,796	2,049	1,583
44	47	95 217	12 357,698	194 992,191	15,779	15,313	94	97	346	4,411	8,599	1,949	1,483
45	48	94 850	11 751,790	182 634,493	15,541	15,075	95	98	185	2,253	4,188	1,859	1,393
46	49	94 446	11 171,111	170 882,704	15,297	14,831	96	99	94	1,089	1,935	1,777	1,311
47	50	93 988	10 612,920	159 711,593	15,049	14,583	97	100	45	0,497	0,846	1,703	1,237
48	51	93 479	10 076,727	149 098,673	14,796	14,330							
49	52	92 917	9 561,939	139 021,946	14,539	14,073							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	2 085 922,972	20,939	20,473	50	54	92 018	9 040,032	127 972,908	14,156	13,690
1	5	99 205	94 706,253	1 986 301,627	20,973	20,507	51	55	91 333	8 565,856	118 932,876	13,885	13,419
2	6	99 161	90 371,342	1 891 595,374	20,931	20,465	52	56	90 567	8 108,891	110 367,020	13,611	13,145
3	7	99 133	86 249,835	1 801 224,032	20,884	20,418	53	57	89 749	7 671,262	102 258,130	13,330	12,864
4	8	99 110	82 319,435	1 714 974,197	20,833	20,367	54	58	88 866	7 251,339	94 586,868	13,044	12,578
5	9	99 090	78 570,368	1 632 654,762	20,780	20,314	55	59	87 894	6 846,797	87 335,529	12,756	12,290
6	10	99 072	74 994,071	1 554 084,394	20,723	20,257	56	60	86 871	6 460,213	80 488,732	12,459	11,993
7	11	99 054	71 580,071	1 479 090,323	20,663	20,197	57	61	85 752	6 087,856	74 028,519	12,160	11,694
8	12	99 036	68 322,161	1 407 510,252	20,601	20,135	58	62	84 585	5 732,729	67 940,663	11,851	11,385
9	13	99 019	65 212,750	1 339 188,091	20,536	20,070	59	63	83 311	5 390,342	62 207,934	11,541	11,075
10	14	99 001	62 244,141	1 273 975,340	20,467	20,001	60	64	81 962	5 062,538	56 817,592	11,223	10,757
11	15	98 980	59 408,946	1 211 731,199	20,396	19,930	61	65	80 509	4 747,319	51 755,054	10,902	10,436
12	16	98 957	56 701,782	1 152 322,254	20,323	19,856	62	66	78 988	4 446,402	47 007,736	10,572	10,106
13	17	98 930	54 116,218	1 095 620,472	20,246	19,780	63	67	77 375	4 158,128	42 561,334	10,236	9,770
14	18	98 904	51 648,669	1 041 504,254	20,165	19,699	64	68	75 670	3 882,104	38 403,206	9,892	9,426
15	19	98 866	49 287,706	989 855,585	20,083	19,617	65	69	73 852	3 617,020	34 521,102	9,544	9,078
16	20	98 825	47 033,187	940 567,879	19,998	19,532	66	70	71 904	3 361,902	30 904,081	9,192	8,726
17	21	98 775	44 877,632	893 534,692	19,910	19,444	67	71	69 860	3 118,242	27 542,179	8,833	8,367
18	22	98 720	42 818,723	848 657,060	19,820	19,354	68	72	67 685	2 884,173	24 423,937	8,468	8,002
19	23	98 643	40 844,958	805 838,337	19,729	19,263	69	73	65 328	2 657,504	21 539,764	8,105	7,639
20	24	98 567	38 962,672	764 993,379	19,634	19,168	70	74	62 808	2 439,125	18 882,260	7,741	7,275
21	25	98 485	37 165,196	726 030,707	19,535	19,069	71	75	60 142	2 229,658	16 443,135	7,375	6,909
22	26	98 408	35 451,991	688 865,510	19,431	18,965	72	76	57 282	2 027,362	14 213,476	7,011	6,545
23	27	98 326	33 816,304	653 413,519	19,322	18,856	73	77	54 206	1 831,494	12 186,114	6,654	6,188
24	28	98 247	32 256,759	619 597,216	19,208	18,742	74	78	50 949	1 643,389	10 354,620	6,301	5,835
25	29	98 164	30 768,307	587 340,457	19,089	18,623	75	79	47 477	1 461,945	8 711,231	5,959	5,493
26	30	98 079	29 347,535	556 572,150	18,965	18,499	76	80	43 879	1 289,891	7 249,286	5,620	5,154
27	31	97 992	27 991,945	527 224,615	18,835	18,369	77	81	40 122	1 125,967	5 959,395	5,293	4,827
28	32	97 898	26 697,001	499 232,670	18,700	18,234	78	82	36 241	970,929	4 833,428	4,978	4,512
29	33	97 804	25 461,781	472 535,669	18,559	18,093	79	83	32 279	825,555	3 862,498	4,679	4,213
30	34	97 706	24 282,763	447 073,888	18,411	17,945	80	84	28 353	692,278	3 036,944	4,387	3,921
31	35	97 601	23 156,835	422 791,124	18,258	17,792	81	85	24 473	570,433	2 344,666	4,110	3,644
32	36	97 487	22 080,963	399 634,289	18,099	17,633	82	86	20 709	460,826	1 774,232	3,850	3,384
33	37	97 369	21 054,119	377 553,326	17,933	17,467	83	87	17 167	364,687	1 313,406	3,601	3,135
34	38	97 247	20 074,222	356 499,207	17,759	17,293	84	88	13 827	280,399	948,719	3,383	2,917
35	39	97 111	19 137,162	336 424,985	17,580	17,114	85	89	10 879	210,624	668,320	3,173	2,707
36	40	96 959	18 240,718	317 287,823	17,394	16,928	86	90	8 303	153,459	457,696	2,983	2,517
37	41	96 801	17 385,287	299 047,106	17,201	16,735	87	91	6 184	109,112	304,237	2,788	2,322
38	42	96 625	16 566,762	281 661,818	17,002	16,536	88	92	4 388	73,909	195,125	2,640	2,174
39	43	96 430	15 783,553	265 095,056	16,796	16,330	89	93	3 022	48,591	121,217	2,495	2,029
40	44	96 215	15 034,257	249 311,503	16,583	16,117	90	94	2 003	30,745	72,625	2,362	1,896
41	45	95 975	14 316,737	234 277,246	16,364	15,898	91	95	1 288	18,874	41,880	2,219	1,753
42	46	95 703	13 628,769	219 960,509	16,139	15,673	92	96	784	10,970	23,006	2,097	1,631
43	47	95 401	12 969,630	206 331,740	15,909	15,443	93	97	452	6,033	12,036	1,995	1,529
44	48	95 052	12 336,252	193 362,110	15,674	15,208	94	98	248	3,158	6,002	1,900	1,434
45	49	94 674	11 730,014	181 025,858	15,433	14,967	95	99	129	1,567	2,844	1,815	1,349
46	50	94 248	11 147,740	169 295,844	15,187	14,721	96	100	63	0,735	1,277	1,737	1,271
47	51	93 769	10 588,124	158 148,104	14,936	14,470							
48	52	93 246	10 051,628	147 559,981	14,680	14,214							
49	53	92 659	9 535,445	137 508,353	14,421	13,955							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	2 083 715,831	20,919	20,453	50	55	91 725	9 011,229	126 379,947	14,025	13,559
1	6	99 196	94 697,686	1 984 106,426	20,952	20,486	51	56	91 004	8 535,040	117 368,718	13,751	13,285
2	7	99 153	90 364,096	1 889 408,740	20,909	20,443	52	57	90 224	8 078,134	108 833,678	13,473	13,007
3	8	99 125	86 242,630	1 799 044,644	20,860	20,394	53	58	89 379	7 639,608	100 755,543	13,189	12,723
4	9	99 104	82 314,322	1 712 802,014	20,808	20,342	54	59	88 461	7 218,275	93 115,935	12,900	12,434
5	10	99 084	78 565,380	1 630 487,693	20,753	20,287	55	60	87 474	6 814,080	85 897,660	12,606	12,140
6	11	99 064	74 988,030	1 551 922,312	20,696	20,230	56	61	86 396	6 424,889	79 083,580	12,309	11,843
7	12	99 046	71 574,386	1 476 934,282	20,635	20,169	57	62	85 264	6 053,244	72 658,691	12,003	11,537
8	13	99 029	68 316,924	1 405 359,896	20,571	20,105	58	63	84 055	5 696,757	66 605,447	11,692	11,226
9	14	99 009	65 206,335	1 337 042,972	20,505	20,039	59	64	82 756	5 354,396	60 908,690	11,375	10,909
10	15	98 989	62 236,435	1 271 836,637	20,436	19,970	60	65	81 372	5 026,109	55 554,294	11,053	10,587
11	16	98 966	59 400,892	1 209 600,202	20,363	19,897	61	66	79 886	4 710,563	50 528,185	10,727	10,261
12	17	98 941	56 692,666	1 150 199,309	20,288	19,822	62	67	78 338	4 409,854	45 817,622	10,390	9,924
13	18	98 913	54 106,718	1 093 506,643	20,210	19,744	63	68	76 677	4 120,623	41 407,768	10,049	9,583
14	19	98 883	51 637,387	1 039 399,925	20,129	19,663	64	69	74 929	3 844,079	37 287,145	9,700	9,234
15	20	98 845	49 277,106	987 762,537	20,045	19,579	65	70	73 042	3 577,350	33 443,067	9,349	8,883
16	21	98 805	47 023,264	938 485,431	19,958	19,492	66	71	71 045	3 321,733	29 865,717	8,991	8,525
17	22	98 754	44 867,932	891 462,168	19,869	19,403	67	72	68 928	3 076,636	26 543,983	8,628	8,162
18	23	98 698	42 808,884	846 594,235	19,776	19,310	68	73	66 638	2 839,540	23 467,348	8,264	7,798
19	24	98 620	40 835,667	803 785,352	19,683	19,217	69	74	64 196	2 611,436	20 627,808	7,899	7,433
20	25	98 544	38 953,814	762 949,685	19,586	19,120	70	75	61 594	2 391,991	18 016,372	7,532	7,066
21	26	98 463	37 156,914	723 995,871	19,485	19,019	71	76	58 802	2 179,979	15 624,381	7,167	6,701
22	27	98 381	35 442,520	686 838,956	19,379	18,913	72	77	55 830	1 975,973	13 444,402	6,804	6,338
23	28	98 301	33 807,574	651 396,437	19,268	18,802	73	78	52 637	1 778,464	11 468,429	6,449	5,982
24	29	98 221	32 248,381	617 588,862	19,151	18,685	74	79	49 255	1 588,733	9 689,965	6,099	5,633
25	30	98 137	30 759,773	585 340,482	19,029	18,563	75	80	45 694	1 407,048	8 101,232	5,758	5,292
26	31	98 052	29 339,481	554 580,709	18,902	18,436	76	81	41 976	1 233,945	6 694,184	5,425	4,959
27	32	97 960	27 982,819	525 241,228	18,770	18,304	77	82	38 136	1 070,237	5 460,239	5,102	4,636
28	33	97 864	26 687,754	497 258,408	18,632	18,166	78	83	34 180	915,714	4 390,002	4,794	4,328
29	34	97 768	25 452,570	470 570,654	18,488	18,022	79	84	30 182	771,927	3 474,288	4,501	4,035
30	35	97 666	24 272,909	445 118,085	18,338	17,872	80	85	26 256	641,059	2 702,360	4,215	3,749
31	36	97 559	23 146,966	420 845,176	18,181	17,715	81	86	22 385	521,778	2 061,301	3,951	3,485
32	37	97 442	22 070,667	397 698,209	18,019	17,553	82	87	18 708	416,288	1 539,523	3,698	3,232
33	38	97 318	21 043,030	375 627,542	17,850	17,384	83	88	15 199	322,872	1 123,235	3,479	3,013
34	39	97 190	20 062,387	354 584,513	17,674	17,208	84	89	12 092	245,219	800,364	3,264	2,798
35	40	97 043	19 123,703	334 522,126	17,493	17,027	85	90	9 359	181,185	555,144	3,064	2,598
36	41	96 890	18 227,716	315 398,422	17,303	16,837	86	91	7 073	130,717	373,959	2,861	2,395
37	42	96 721	17 370,840	297 170,707	17,107	16,641	87	92	5 113	90,220	243,242	2,696	2,230
38	43	96 534	16 551,091	279 799,866	16,905	16,439	88	93	3 559	59,941	153,022	2,553	2,087
39	44	96 328	15 766,893	263 248,775	16,696	16,230	89	94	2 397	38,539	93,081	2,415	1,949
40	45	96 106	15 017,256	247 481,883	16,480	16,014	90	95	1 551	23,815	54,542	2,290	1,824
41	46	95 845	14 297,373	232 464,627	16,259	15,793	91	96	973	14,261	30,727	2,155	1,689
42	47	95 555	13 607,632	218 167,254	16,033	15,567	92	97	577	8,074	16,466	2,039	1,573
43	48	95 235	12 947,123	204 559,623	15,800	15,334	93	98	323	4,320	8,392	1,943	1,477
44	49	94 876	12 313,394	191 612,500	15,561	15,095	94	99	172	2,197	4,072	1,853	1,387
45	50	94 476	11 705,474	179 299,106	15,318	14,852	95	100	87	1,058	1,875	1,772	1,306
46	51	94 028	11 121,694	167 593,632	15,069	14,603							
47	52	93 535	10 561,751	156 471,939	14,815	14,349							
48	53	92 988	10 023,777	145 910,188	14,556	14,090							
49	54	92 378	9 506,465	135 886,412	14,294	13,828							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	2 081 349,909	20,897	20,431	50	56	91 395	8 978,811	124 675,951	13,886	13,420
1	7	99 188	94 690,094	1 981 749,514	20,929	20,463	51	57	90 659	8 502,667	115 697,140	13,607	13,141
2	8	99 144	90 356,547	1 887 059,420	20,885	20,419	52	58	89 851	8 044,802	107 194,473	13,325	12,859
3	9	99 119	86 237,273	1 796 702,874	20,834	20,368	53	59	88 971	7 604,774	99 149,671	13,038	12,572
4	10	99 098	82 309,096	1 710 465,601	20,781	20,315	54	60	88 038	7 183,784	91 544,897	12,743	12,277
5	11	99 076	78 559,051	1 628 156,505	20,725	20,259	55	61	86 996	6 776,822	84 361,113	12,448	11,982
6	12	99 056	74 982,074	1 549 597,454	20,666	20,200	56	62	85 904	6 388,361	77 584,292	12,145	11,679
7	13	99 038	71 568,900	1 474 615,380	20,604	20,138	57	63	84 729	6 015,261	71 195,931	11,836	11,370
8	14	99 019	68 310,204	1 403 046,480	20,539	20,073	58	64	83 494	5 658,767	65 180,670	11,519	11,053
9	15	98 997	65 198,263	1 334 736,276	20,472	20,006	59	65	82 160	5 315,867	59 521,902	11,197	10,731
10	16	98 975	62 227,999	1 269 538,013	20,401	19,935	60	66	80 742	4 987,194	54 206,035	10,869	10,403
11	17	98 950	59 391,343	1 207 310,015	20,328	19,862	61	67	79 229	4 671,843	49 218,841	10,535	10,069
12	18	98 923	56 682,715	1 147 918,672	20,252	19,786	62	68	77 632	4 370,078	44 546,998	10,194	9,728
13	19	98 891	54 094,899	1 091 235,957	20,173	19,707	63	69	75 926	4 080,261	40 176,919	9,847	9,381
14	20	98 862	51 626,283	1 037 141,058	20,089	19,623	64	70	74 107	3 801,918	36 096,658	9,494	9,028
15	21	98 824	49 266,709	985 514,775	20,004	19,538	65	71	72 169	3 534,607	32 294,740	9,137	8,671
16	22	98 783	47 013,100	936 248,066	19,915	19,449	66	72	70 097	3 277,411	28 760,133	8,775	8,309
17	23	98 731	44 857,622	889 234,967	19,823	19,357	67	73	67 861	3 029,024	25 482,722	8,413	7,947
18	24	98 675	42 799,146	844 377,345	19,729	19,263	68	74	65 483	2 790,315	22 453,698	8,047	7,581
19	25	98 598	40 826,383	801 578,198	19,634	19,168	69	75	62 955	2 560,972	19 663,383	7,678	7,212
20	26	98 522	38 945,133	760 751,815	19,534	19,068	70	76	60 222	2 338,695	17 102,411	7,313	6,847
21	27	98 437	37 146,987	721 806,682	19,431	18,965	71	77	57 311	2 124,721	14 763,715	6,949	6,483
22	28	98 356	35 433,371	684 659,694	19,322	18,856	72	78	54 214	1 918,760	12 638,994	6,587	6,121
23	29	98 275	33 798,793	649 226,324	19,209	18,743	73	79	50 886	1 719,316	10 720,234	6,235	5,769
24	30	98 194	32 239,436	615 427,530	19,089	18,623	74	80	47 405	1 529,075	9 000,918	5,887	5,421
25	31	98 110	30 751,331	583 188,094	18,965	18,499	75	81	43 712	1 346,020	7 471,843	5,551	5,085
26	32	98 020	29 329,916	552 436,762	18,835	18,369	76	82	39 898	1 172,870	6 125,823	5,223	4,757
27	33	97 926	27 973,128	523 106,847	18,700	18,234	77	83	35 968	1 009,375	4 952,953	4,907	4,441
28	34	97 829	26 678,099	495 133,719	18,560	18,094	78	84	31 960	856,231	3 943,579	4,606	4,140
29	35	97 729	25 442,240	468 455,621	18,413	17,947	79	85	27 949	714,816	3 087,348	4,319	3,853
30	36	97 624	24 262,565	443 013,380	18,259	17,793	80	86	24 016	586,380	2 372,532	4,046	3,580
31	37	97 514	23 136,173	418 750,815	18,099	17,633	81	87	20 222	471,349	1 786,152	3,789	3,323
32	38	97 390	22 059,042	395 614,643	17,934	17,468	82	88	16 563	368,556	1 314,803	3,567	3,101
33	39	97 260	21 030,624	373 555,601	17,762	17,296	83	89	13 292	282,364	946,248	3,351	2,885
34	40	97 121	20 048,278	352 524,977	17,584	17,118	84	90	10 402	210,945	663,884	3,147	2,681
35	41	96 974	19 110,072	332 476,699	17,398	16,932	85	91	7 972	154,334	452,939	2,935	2,469
36	42	96 809	18 212,569	313 366,627	17,206	16,740	86	92	5 848	108,084	298,605	2,763	2,297
37	43	96 629	17 354,408	295 154,058	17,007	16,541	87	93	4 147	73,170	190,521	2,604	2,138
38	44	96 432	16 533,621	277 799,650	16,802	16,336	88	94	2 822	47,540	117,351	2,468	2,002
39	45	96 219	15 749,063	261 266,029	16,589	16,123	89	95	1 856	29,852	69,810	2,339	1,873
40	46	95 976	14 996,944	245 516,966	16,371	15,905	90	96	1 172	17,994	39,958	2,221	1,755
41	47	95 697	14 275,199	230 520,022	16,148	15,682	91	97	716	10,496	21,964	2,093	1,627
42	48	95 389	13 584,017	216 244,823	15,919	15,453	92	98	413	5,781	11,468	1,984	1,518
43	49	95 059	12 923,132	202 660,807	15,682	15,216	93	99	225	3,006	5,687	1,892	1,426
44	50	94 677	12 287,633	189 737,675	15,441	14,975	94	100	116	1,483	2,681	1,808	1,342
45	51	94 255	11 678,125	177 450,042	15,195	14,729							
46	52	93 794	11 093,992	165 771,917	14,942	14,476							
47	53	93 276	10 532,486	154 677,925	14,686	14,220							
48	54	92 705	9 993,312	144 145,439	14,424	13,958							
49	55	92 083	9 476,176	134 152,127	14,157	13,691							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	2 078 813,376	20,873	20,407	50	57	91 048	8 944,755	122 858,295	13,735	13,269
1	8	99 180	94 682,183	1 979 220,967	20,904	20,438	51	58	90 285	8 467,583	113 913,540	13,453	12,987
2	9	99 138	90 350,934	1 884 538,784	20,858	20,392	52	59	89 442	8 008,120	105 445,957	13,167	12,701
3	10	99 113	86 231,798	1 794 187,850	20,807	20,341	53	60	88 546	7 568,436	97 437,836	12,874	12,408
4	11	99 090	82 302,465	1 707 956,051	20,752	20,286	54	61	87 557	7 144,503	89 869,400	12,579	12,113
5	12	99 068	78 552,812	1 625 653,586	20,695	20,229	55	62	86 501	6 738,292	82 724,897	12,277	11,811
6	13	99 049	74 976,327	1 547 100,774	20,635	20,169	56	63	85 365	6 348,275	75 986,605	11,970	11,504
7	14	99 028	71 561,859	1 472 124,448	20,571	20,105	57	64	84 164	5 975,148	69 638,329	11,655	11,189
8	15	99 007	68 301,747	1 400 562,589	20,506	20,040	58	65	82 893	5 618,048	63 663,182	11,332	10,866
9	16	98 984	65 189,425	1 332 260,841	20,437	19,971	59	66	81 524	5 274,709	58 045,134	11,004	10,538
10	17	98 959	62 217,995	1 267 071,417	20,365	19,899	60	67	80 078	4 946,201	52 770,425	10,669	10,203
11	18	98 933	59 380,917	1 204 853,422	20,290	19,824	61	68	78 514	4 629,705	47 624,224	10,330	9,864
12	19	98 902	56 670,333	1 145 472,505	20,213	19,747	62	69	76 871	4 327,273	43 194,519	9,982	9,516
13	20	98 870	54 083,266	1 088 802,172	20,132	19,666	63	70	75 094	4 035,510	38 867,246	9,631	9,165
14	21	98 841	51 615,390	1 034 718,906	20,047	19,581	64	71	73 222	3 756,492	34 831,736	9,272	8,806
15	22	98 803	49 256,060	983 103,516	19,959	19,493	65	72	71 206	3 487,445	31 075,244	8,911	8,445
16	23	98 761	47 002,296	933 847,455	19,868	19,402	66	73	69 012	3 226,693	27 587,799	8,550	8,084
17	24	98 709	44 847,419	886 845,159	19,775	19,309	67	74	66 685	2 976,515	24 361,106	8,184	7,718
18	25	98 653	42 789,416	841 997,740	19,678	19,212	68	75	64 217	2 736,395	21 384,591	7,815	7,349
19	26	98 576	40 817,285	799 208,324	19,580	19,114	69	76	61 553	2 503,911	18 648,197	7,448	6,982
20	27	98 496	38 934,729	758 391,039	19,479	19,013	70	77	58 696	2 279,415	16 144,286	7,083	6,617
21	28	98 412	37 137,399	719 456,310	19,373	18,907	71	78	55 652	2 063,202	13 864,871	6,720	6,254
22	29	98 331	35 424,168	682 318,912	19,261	18,795	72	79	52 411	1 854,946	11 801,670	6,362	5,896
23	30	98 248	33 789,419	646 894,744	19,145	18,679	73	80	48 975	1 654,754	9 946,724	6,011	5,545
24	31	98 167	32 230,588	613 105,325	19,022	18,556	74	81	45 349	1 462,754	8 291,969	5,669	5,203
25	32	98 078	30 741,306	580 874,737	18,896	18,430	75	82	41 549	1 279,398	6 829,215	5,338	4,872
26	33	97 986	29 319,757	550 133,431	18,763	18,297	76	83	37 630	1 106,171	5 549,817	5,017	4,551
27	34	97 891	27 963,007	520 813,674	18,625	18,159	77	84	33 631	943,807	4 443,646	4,708	4,242
28	35	97 789	26 667,272	492 850,667	18,481	18,015	78	85	29 595	792,882	3 499,840	4,414	3,948
29	36	97 687	25 431,398	466 183,394	18,331	17,865	79	86	25 565	653,845	2 706,958	4,140	3,674
30	37	97 579	24 251,251	440 751,996	18,174	17,708	80	87	21 695	529,707	2 053,113	3,876	3,410
31	38	97 463	23 123,987	416 500,745	18,012	17,546	81	88	17 903	417,303	1 523,406	3,651	3,185
32	39	97 333	22 046,037	393 376,759	17,843	17,377	82	89	14 485	322,316	1 106,102	3,432	2,966
33	40	97 192	21 015,834	371 330,722	17,669	17,203	83	90	11 434	242,898	783,787	3,227	2,761
34	41	97 052	20 033,987	350 314,888	17,486	17,020	84	91	8 860	179,684	540,889	3,010	2,544
35	42	96 893	19 094,192	330 280,901	17,297	16,831	85	92	6 592	127,612	361,205	2,830	2,364
36	43	96 718	18 195,341	311 186,709	17,103	16,637	86	93	4 743	87,658	233,592	2,665	2,199
37	44	96 527	17 336,090	292 991,368	16,901	16,435	87	94	3 289	58,032	145,934	2,515	2,049
38	45	96 323	16 514,924	275 655,278	16,691	16,225	88	95	2 186	36,825	87,902	2,387	1,921
39	46	96 089	15 727,761	259 140,354	16,477	16,011	89	96	1 403	22,555	51,077	2,265	1,799
40	47	95 827	14 973,685	243 412,593	16,256	15,790	90	97	863	13,244	28,522	2,154	1,688
41	48	95 531	14 250,425	228 438,907	16,030	15,564	91	98	513	7,516	15,279	2,033	1,567
42	49	95 212	13 558,846	214 188,482	15,797	15,331	92	99	287	4,022	7,763	1,930	1,464
43	50	94 860	12 896,096	200 629,636	15,557	15,091	93	100	152	2,029	3,741	1,844	1,378
44	51	94 456	12 258,923	187 733,540	15,314	14,848							
45	52	94 020	11 649,037	175 474,617	15,063	14,597							
46	53	93 534	11 063,252	163 825,580	14,808	14,342							
47	54	92 993	10 500,476	152 762,328	14,548	14,082							
48	55	92 410	9 961,472	142 261,852	14,281	13,815							
49	56	91 752	9 442,085	132 300,380	14,012	13,546							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	2 076 096,139	20,848	20,382	50	58	90 672	8 907,847	120 922,465	13,575	13,109
1	9	99 173	94 676,302	1 976 512,051	20,877	20,411	51	59	89 873	8 428,974	112 014,619	13,289	12,823
2	10	99 132	90 345,198	1 881 835,748	20,829	20,363	52	60	89 014	7 969,855	103 585,645	12,997	12,531
3	11	99 105	86 224,851	1 791 490,550	20,777	20,311	53	61	88 062	7 527,053	95 615,790	12,703	12,237
4	12	99 082	82 295,929	1 705 265,699	20,721	20,255	54	62	87 059	7 103,884	88 088,737	12,400	11,934
5	13	99 060	78 546,790	1 622 969,770	20,662	20,196	55	63	85 958	6 696,011	80 984,854	12,094	11,628
6	14	99 039	74 968,951	1 544 422,980	20,601	20,135	56	64	84 796	6 305,941	74 288,843	11,781	11,315
7	15	99 016	71 553,000	1 469 454,029	20,537	20,071	57	65	83 559	5 932,152	67 982,902	11,460	10,994
8	16	98 993	68 292,488	1 397 901,028	20,469	20,003	58	66	82 251	5 574,551	62 050,750	11,131	10,665
9	17	98 968	65 178,945	1 329 608,540	20,399	19,933	59	67	80 854	5 231,352	56 476,200	10,796	10,330
10	18	98 942	62 207,073	1 264 429,596	20,326	19,860	60	68	79 356	4 901,588	51 244,847	10,455	9,989
11	19	98 911	59 367,946	1 202 222,522	20,250	19,784	61	69	77 745	4 584,356	46 343,259	10,109	9,643
12	20	98 881	56 658,146	1 142 854,576	20,171	19,705	62	70	76 028	4 279,813	41 758,903	9,757	9,291
13	21	98 849	54 071,855	1 086 196,430	20,088	19,622	63	71	74 196	3 987,293	37 479,090	9,400	8,934
14	22	98 819	51 604,234	1 032 124,575	20,001	19,535	64	72	72 245	3 706,369	33 491,797	9,036	8,570
15	23	98 780	49 244,741	980 520,342	19,911	19,445	65	73	70 105	3 433,476	29 785,428	8,675	8,209
16	24	98 738	46 991,605	931 275,600	19,818	19,352	66	74	67 816	3 170,757	26 351,952	8,311	7,845
17	25	98 686	44 837,223	884 283,995	19,722	19,256	67	75	65 396	2 918,997	23 181,195	7,941	7,475
18	26	98 631	42 779,881	839 446,772	19,622	19,156	68	76	62 787	2 675,425	20 262,199	7,573	7,107
19	27	98 550	40 806,381	796 666,892	19,523	19,057	69	77	59 992	2 440,442	17 586,774	7,206	6,740
20	28	98 470	38 924,679	755 860,511	19,419	18,953	70	78	56 996	2 213,416	15 146,332	6,843	6,377
21	29	98 386	37 127,753	716 935,833	19,310	18,844	71	79	53 801	1 994,583	12 932,916	6,484	6,018
22	30	98 303	35 414,342	679 808,080	19,196	18,730	72	80	50 443	1 785,292	10 938,333	6,127	5,661
23	31	98 221	33 780,146	644 393,737	19,076	18,610	73	81	46 851	1 582,983	9 153,041	5,782	5,316
24	32	98 135	32 220,080	610 613,592	18,951	18,485	74	82	43 105	1 390,354	7 570,058	5,445	4,979
25	33	98 044	30 730,659	578 393,511	18,821	18,355	75	83	39 186	1 206,641	6 179,704	5,121	4,655
26	34	97 951	29 309,150	547 662,853	18,686	18,220	76	84	35 185	1 034,315	4 973,063	4,808	4,342
27	35	97 851	27 951,659	518 353,703	18,545	18,079	77	85	31 143	873,978	3 938,748	4,507	4,041
28	36	97 748	26 655,908	490 402,044	18,397	17,931	78	86	27 071	725,252	3 064,770	4,226	3,760
29	37	97 642	25 419,539	463 746,136	18,244	17,778	79	87	23 094	590,652	2 339,517	3,961	3,495
30	38	97 527	24 238,478	438 326,597	18,084	17,618	80	88	19 207	468,970	1 748,865	3,729	3,263
31	39	97 405	23 110,354	414 088,119	17,918	17,452	81	89	15 657	364,948	1 279,895	3,507	3,041
32	40	97 264	22 030,533	390 977,766	17,747	17,281	82	90	12 460	277,266	914,948	3,300	2,834
33	41	97 123	21 000,854	368 947,233	17,568	17,102	83	91	9 740	206,901	637,681	3,082	2,616
34	42	96 971	20 017,340	347 946,379	17,382	16,916	84	92	7 326	148,573	430,780	2,899	2,433
35	43	96 801	19 076,130	327 929,040	17,191	16,725	85	93	5 346	103,496	282,207	2,727	2,261
36	44	96 615	18 176,135	308 852,910	16,992	16,526	86	94	3 762	69,523	178,712	2,571	2,105
37	45	96 418	17 316,486	290 676,775	16,786	16,320	87	95	2 548	44,952	109,189	2,429	1,963
38	46	96 193	16 492,587	273 360,289	16,575	16,109	88	96	1 652	27,823	64,237	2,309	1,843
39	47	95 940	15 703,369	256 867,703	16,357	15,891	89	97	1 032	16,601	36,413	2,193	1,727
40	48	95 661	14 947,700	241 164,334	16,134	15,668	90	98	618	9,483	19,813	2,089	1,623
41	49	95 354	14 224,020	226 216,634	15,904	15,438	91	99	357	5,229	10,330	1,976	1,510
42	50	95 013	13 530,480	211 992,614	15,668	15,202	92	100	194	2,715	5,101	1,879	1,412
43	51	94 638	12 865,965	198 462,134	15,425	14,959							
44	52	94 221	12 228,389	185 596,170	15,177	14,711							
45	53	93 760	11 616,759	173 367,781	14,924	14,458							
46	54	93 249	11 029,629	161 751,021	14,665	14,199							
47	55	92 696	10 467,020	150 721,392	14,400	13,934							
48	56	92 077	9 925,635	140 254,373	14,131	13,665							
49	57	91 404	9 406,272	130 328,737	13,856	13,390							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	2 073 189,369	20,820	20,354	50	59	90 259	8 867,230	118 865,326	13,405	12,939
1	10	99 167	94 670,292	1 973 611,466	20,847	20,381	51	60	89 444	8 388,697	109 998,095	13,113	12,647
2	11	99 124	90 337,920	1 878 941,175	20,799	20,333	52	61	88 528	7 926,277	101 609,398	12,819	12,353
3	12	99 097	86 218,003	1 788 603,254	20,745	20,279	53	62	87 561	7 484,258	93 683,122	12,517	12,051
4	13	99 074	82 289,620	1 702 385,251	20,688	20,222	54	63	86 513	7 059,308	86 198,864	12,211	11,745
5	14	99 050	78 539,064	1 620 095,631	20,628	20,162	55	64	85 385	6 651,358	79 139,555	11,898	11,432
6	15	99 027	74 959,670	1 541 556,567	20,565	20,099	56	65	84 186	6 260,565	72 488,198	11,579	11,113
7	16	99 003	71 543,300	1 466 596,897	20,499	20,033	57	66	82 912	5 886,222	66 227,633	11,251	10,785
8	17	98 977	68 281,509	1 395 053,596	20,431	19,965	58	67	81 575	5 528,729	60 341,411	10,914	10,448
9	18	98 950	65 167,503	1 326 772,087	20,359	19,893	59	68	80 125	5 184,167	54 812,682	10,573	10,107
10	19	98 920	62 193,485	1 261 604,584	20,285	19,819	60	69	78 579	4 853,576	49 628,514	10,225	9,759
11	20	98 890	59 355,179	1 199 411,099	20,207	19,741	61	70	76 893	4 534,077	44 774,938	9,875	9,409
12	21	98 860	56 646,192	1 140 055,920	20,126	19,660	62	71	75 120	4 228,677	40 240,861	9,516	9,050
13	22	98 828	54 060,168	1 083 409,729	20,041	19,575	63	72	73 206	3 934,090	36 012,185	9,154	8,688
14	23	98 797	51 592,375	1 029 349,561	19,952	19,486	64	73	71 127	3 649,012	32 078,094	8,791	8,325
15	24	98 758	49 233,540	977 757,186	19,860	19,394	65	74	68 889	3 373,955	28 429,082	8,426	7,960
16	25	98 716	46 980,922	928 523,645	19,764	19,298	66	75	66 505	3 109,485	25 055,126	8,058	7,592
17	26	98 664	44 827,231	881 542,724	19,665	19,199	67	76	63 939	2 853,958	21 945,641	7,690	7,224
18	27	98 604	42 768,452	836 715,493	19,564	19,098	68	77	61 195	2 607,609	19 091,683	7,322	6,856
19	28	98 524	40 795,847	793 947,041	19,461	18,995	69	78	58 255	2 369,781	16 484,074	6,956	6,490
20	29	98 445	38 914,568	753 151,194	19,354	18,888	70	79	55 101	2 139,802	14 114,293	6,596	6,130
21	30	98 359	37 117,455	714 236,626	19,243	18,777	71	80	51 781	1 919,686	11 974,492	6,238	5,772
22	31	98 276	35 404,623	677 119,170	19,125	18,659	72	81	48 255	1 707,858	10 054,806	5,887	5,421
23	32	98 189	33 769,133	641 714,547	19,003	18,537	73	82	44 532	1 504,632	8 346,948	5,548	5,081
24	33	98 101	32 208,921	607 945,415	18,875	18,409	74	83	40 653	1 311,288	6 842,317	5,218	4,752
25	34	98 009	30 719,541	575 736,493	18,742	18,276	75	84	36 640	1 128,259	5 531,029	4,902	4,436
26	35	97 911	29 297,255	545 016,953	18,603	18,137	76	85	32 582	957,790	4 402,770	4,597	4,131
27	36	97 810	27 939,747	515 719,698	18,458	17,992	77	86	28 487	799,432	3 444,980	4,309	3,843
28	37	97 702	26 643,478	487 779,950	18,308	17,842	78	87	24 455	655,158	2 645,548	4,038	3,572
29	38	97 590	25 406,151	461 136,472	18,151	17,685	79	88	20 446	522,927	1 990,390	3,806	3,340
30	39	97 470	24 224,187	435 730,322	17,987	17,521	80	89	16 798	410,132	1 467,463	3,578	3,112
31	40	97 337	23 094,101	411 506,134	17,819	17,353	81	90	13 469	313,939	1 057,331	3,368	2,902
32	41	97 195	22 014,829	388 412,033	17,643	17,177	82	91	10 614	236,176	743,392	3,148	2,682
33	42	97 042	20 983,402	366 397,204	17,461	16,995	83	92	8 053	171,078	507,215	2,965	2,499
34	43	96 880	19 998,404	345 413,801	17,272	16,806	84	93	5 942	120,495	336,138	2,790	2,324
35	44	96 699	19 055,994	325 415,397	17,077	16,611	85	94	4 240	82,084	215,643	2,627	2,161
36	45	96 506	18 155,581	306 359,403	16,874	16,408	86	95	2 914	53,853	133,559	2,480	2,014
37	46	96 288	17 293,064	288 203,822	16,666	16,200	87	96	1 925	33,964	79,706	2,347	1,881
38	47	96 043	16 467,008	270 910,758	16,452	15,986	88	97	1 216	20,478	45,742	2,234	1,768
39	48	95 774	15 676,117	254 443,750	16,231	15,765	89	98	739	11,887	25,264	2,125	1,659
40	49	95 484	14 920,002	238 767,633	16,003	15,537	90	99	430	6,597	13,377	2,028	1,562
41	50	95 154	14 194,262	223 847,631	15,770	15,304	91	100	241	3,530	6,779	1,921	1,455
42	51	94 791	13 498,866	209 653,369	15,531	15,065							
43	52	94 402	12 833,918	196 154,502	15,284	14,818							
44	53	93 960	12 194,506	183 320,584	15,033	14,567							
45	54	93 475	11 581,454	171 126,078	14,776	14,310							
46	55	92 952	10 994,487	159 544,624	14,511	14,045							
47	56	92 363	10 429,364	148 550,137	14,243	13,777							
48	57	91 728	9 887,989	138 120,773	13,969	13,503							
49	58	91 027	9 367,459	128 232,785	13,689	13,223							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	2 070 081,513	20,790	20,324	50	60	89 828	8 824,859	116 684,787	13,222	12,756
1	11	99 159	94 662,665	1 970 509,932	20,816	20,350	51	61	88 955	8 342,829	107 859,928	12,928	12,462
2	12	99 116	90 330,745	1 875 847,267	20,766	20,300	52	62	88 024	7 881,212	99 517,099	12,627	12,161
3	13	99 089	86 211,394	1 785 516,521	20,711	20,245	53	63	87 012	7 437,296	91 635,887	12,321	11,855
4	14	99 065	82 281,525	1 699 305,127	20,652	20,186	54	64	85 936	7 012,232	84 198,591	12,007	11,541
5	15	99 038	78 529,341	1 617 023,601	20,591	20,125	55	65	84 771	6 603,496	77 186,359	11,689	11,223
6	16	99 013	74 949,509	1 538 494,260	20,527	20,061	56	66	83 534	6 212,093	70 582,863	11,362	10,896
7	17	98 987	71 531,799	1 463 544,752	20,460	19,994	57	67	82 230	5 837,839	64 370,770	11,026	10,560
8	18	98 960	68 269,523	1 392 012,953	20,390	19,924	58	68	80 840	5 478,862	58 532,932	10,683	10,217
9	19	98 929	65 153,268	1 323 743,429	20,317	19,851	59	69	79 340	5 133,388	53 054,069	10,335	9,869
10	20	98 899	62 180,110	1 258 590,161	20,241	19,775	60	70	77 717	4 800,344	47 920,682	9,983	9,517
11	21	98 869	59 342,656	1 196 410,051	20,161	19,695	61	71	75 974	4 479,903	43 120,338	9,625	9,159
12	22	98 838	56 633,948	1 137 067,396	20,077	19,611	62	72	74 117	4 172,253	38 640,435	9,261	8,795
13	23	98 805	54 047,745	1 080 433,448	19,990	19,524	63	73	72 073	3 873,210	34 468,182	8,899	8,433
14	24	98 774	51 580,640	1 026 385,703	19,899	19,433	64	74	69 894	3 585,755	30 594,972	8,532	8,066
15	25	98 735	49 222,347	974 805,063	19,804	19,338	65	75	67 558	3 308,757	27 009,217	8,163	7,697
16	26	98 694	46 970,452	925 582,716	19,706	19,240	66	76	65 023	3 040,202	23 700,460	7,796	7,330
17	27	98 638	44 815,255	878 612,264	19,605	19,139	67	77	62 319	2 781,617	20 660,258	7,427	6,961
18	28	98 579	42 757,412	833 797,009	19,501	19,035	68	78	59 423	2 532,107	17 878,641	7,061	6,595
19	29	98 499	40 785,251	791 039,597	19,395	18,929	69	79	56 318	2 290,967	15 346,534	6,699	6,233
20	30	98 418	38 903,775	750 254,346	19,285	18,819	70	80	53 031	2 059,451	13 055,567	6,339	5,873
21	31	98 332	37 107,268	711 350,571	19,170	18,704	71	81	49 535	1 836,423	10 996,116	5,988	5,522
22	32	98 244	35 393,080	674 243,302	19,050	18,584	72	82	45 867	1 623,326	9 159,694	5,643	5,177
23	33	98 155	33 757,437	638 850,222	18,925	18,459	73	83	42 000	1 419,066	7 536,368	5,311	4,845
24	34	98 065	32 197,268	605 092,785	18,793	18,327	74	84	38 013	1 226,108	6 117,301	4,989	4,523
25	35	97 969	30 707,074	572 895,517	18,657	18,191	75	85	33 930	1 044,784	4 891,194	4,682	4,216
26	36	97 869	29 284,770	542 188,443	18,514	18,048	76	86	29 803	876,095	3 846,410	4,390	3,924
27	37	97 764	27 926,719	512 903,673	18,366	17,900	77	87	25 733	722,168	2 970,314	4,113	3,647
28	38	97 651	26 629,445	484 976,954	18,212	17,746	78	88	21 651	580,036	2 248,146	3,876	3,410
29	39	97 533	25 391,172	458 347,509	18,051	17,585	79	89	17 881	457,319	1 668,110	3,648	3,182
30	40	97 401	24 207,152	432 956,337	17,885	17,419	80	90	14 450	352,809	1 210,791	3,432	2,966
31	41	97 267	23 077,640	408 749,186	17,712	17,246	81	91	11 473	267,415	857,982	3,208	2,742
32	42	97 114	21 996,536	385 671,546	17,533	17,067	82	92	8 776	195,284	590,567	3,024	2,558
33	43	96 950	20 963,553	363 675,011	17,348	16,882	83	93	6 531	138,747	395,284	2,849	2,383
34	44	96 777	19 977,295	342 711,457	17,155	16,689	84	94	4 712	95,567	256,537	2,684	2,218
35	45	96 590	19 034,445	322 734,163	16,955	16,489	85	95	3 284	63,583	160,970	2,532	2,066
36	46	96 376	18 131,024	303 699,717	16,750	16,284	86	96	2 202	40,689	97,387	2,393	1,927
37	47	96 138	17 266,244	285 568,693	16,539	16,073	87	97	1 417	24,998	56,699	2,268	1,802
38	48	95 877	16 438,431	268 302,449	16,322	15,856	88	98	871	14,663	31,701	2,162	1,696
39	49	95 596	15 647,070	251 864,018	16,097	15,631	89	99	514	8,270	17,038	2,060	1,594
40	50	95 284	14 888,788	236 216,948	15,865	15,399	90	100	290	4,454	8,768	1,969	1,503
41	51	94 932	14 161,098	221 328,160	15,629	15,163							
42	52	94 555	13 465,244	207 167,062	15,385	14,919							
43	53	94 141	12 798,358	193 701,819	15,135	14,669							
44	54	93 674	12 157,445	180 903,461	14,880	14,414							
45	55	93 177	11 544,553	168 746,016	14,617	14,151							
46	56	92 618	10 954,934	157 201,463	14,350	13,884							
47	57	92 013	10 389,807	146 246,529	14,076	13,610							
48	58	91 349	9 847,188	135 856,722	13,796	13,330							
49	59	90 612	9 324,747	126 009,534	13,513	13,047							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	2 066 763,127	20,758	20,292	50	61	89 336	8 776,606	114 376,905	13,032	12,566
1	12	99 151	94 655,147	1 967 199,567	20,783	20,317	51	62	88 449	8 295,396	105 600,299	12,730	12,264
2	13	99 108	90 323,821	1 872 544,420	20,731	20,265	52	63	87 472	7 831,759	97 304,903	12,424	11,958
3	14	99 080	86 202,914	1 782 220,599	20,675	20,209	53	64	86 432	7 387,699	89 473,144	12,111	11,645
4	15	99 052	82 271,339	1 696 017,686	20,615	20,149	54	65	85 317	6 961,774	82 085,445	11,791	11,325
5	16	99 025	78 518,695	1 613 746,346	20,552	20,086	55	66	84 114	6 552,369	75 123,671	11,465	10,999
6	17	98 997	74 937,460	1 535 227,651	20,487	20,021	56	67	82 847	6 161,031	68 571,302	11,130	10,664
7	18	98 969	71 519,242	1 460 290,191	20,418	19,952	57	68	81 489	5 785,184	62 410,272	10,788	10,322
8	19	98 938	68 254,611	1 388 770,949	20,347	19,881	58	69	80 048	5 425,196	56 625,088	10,437	9,971
9	20	98 907	65 139,257	1 320 516,338	20,272	19,806	59	70	78 470	5 077,086	51 199,892	10,085	9,618
10	21	98 878	62 166,990	1 255 377,081	20,194	19,728	60	71	76 788	4 742,988	46 122,806	9,724	9,258
11	22	98 848	59 329,829	1 193 210,091	20,111	19,645	61	72	74 960	4 420,127	41 379,817	9,362	8,896
12	23	98 816	56 620,933	1 133 880,262	20,026	19,560	62	73	72 971	4 107,687	36 959,690	8,998	8,532
13	24	98 783	54 035,451	1 077 259,328	19,936	19,470	63	74	70 824	3 806,066	32 852,003	8,631	8,165
14	25	98 752	51 568,913	1 023 223,877	19,842	19,376	64	75	68 543	3 516,464	29 045,937	8,260	7,794
15	26	98 713	49 211,378	971 654,964	19,745	19,279	65	76	66 053	3 235,034	25 529,473	7,892	7,426
16	27	98 667	46 957,904	922 443,586	19,644	19,178	66	77	63 375	2 963,140	22 294,439	7,524	7,058
17	28	98 613	44 803,687	875 485,682	19,540	19,074	67	78	60 514	2 701,077	19 331,299	7,157	6,691
18	29	98 553	42 746,306	830 681,995	19,433	18,967	68	79	57 447	2 447,894	16 630,222	6,794	6,328
19	30	98 471	40 773,939	787 935,689	19,324	18,858	69	80	54 203	2 204,939	14 182,328	6,432	5,966
20	31	98 391	38 893,098	747 161,750	19,211	18,745	70	81	50 731	1 970,126	11 977,388	6,080	5,613
21	32	98 300	37 095,171	708 268,652	19,093	18,627	71	82	47 083	1 745,528	10 007,262	5,733	5,267
22	33	98 210	35 380,822	671 173,481	18,970	18,504	72	83	43 258	1 531,011	8 261,735	5,396	4,930
23	34	98 119	33 745,224	635 792,659	18,841	18,375	73	84	39 272	1 326,885	6 730,724	5,073	4,607
24	35	98 026	32 184,202	602 047,435	18,706	18,240	74	85	35 200	1 135,393	5 403,839	4,759	4,293
25	36	97 927	30 693,988	569 863,233	18,566	18,100	75	86	31 036	955,668	4 268,446	4,466	4,000
26	37	97 824	29 271,114	539 169,245	18,420	17,954	76	87	26 922	791,422	3 312,777	4,186	3,720
27	38	97 712	27 912,010	509 898,131	18,268	17,802	77	88	22 783	639,363	2 521,355	3,944	3,478
28	39	97 593	26 613,745	481 986,122	18,110	17,644	78	89	18 934	507,264	1 881,992	3,710	3,244
29	40	97 464	25 373,315	455 372,377	17,947	17,481	79	90	15 382	393,400	1 374,728	3,494	3,028
30	41	97 332	24 189,897	429 999,062	17,776	17,310	80	91	12 308	300,524	981,328	3,265	2,799
31	42	97 186	23 058,463	405 809,165	17,599	17,133	81	92	9 486	221,113	680,804	3,079	2,613
32	43	97 022	21 975,728	382 750,702	17,417	16,951	82	93	7 117	158,378	459,691	2,902	2,436
33	44	96 848	20 941,425	360 774,974	17,228	16,762	83	94	5 180	110,042	301,313	2,738	2,272
34	45	96 668	19 954,704	339 833,549	17,030	16,564	84	95	3 650	74,027	191,270	2,584	2,118
35	46	96 459	19 008,700	319 878,845	16,828	16,362	85	96	2 481	48,040	117,243	2,441	1,975
36	47	96 226	18 102,904	300 870,145	16,620	16,154	86	97	1 620	29,947	69,203	2,311	1,845
37	48	95 972	17 236,280	282 767,240	16,405	15,939	87	98	1 014	17,899	39,256	2,193	1,727
38	49	95 699	16 407,971	265 530,960	16,183	15,717	88	99	606	10,202	21,356	2,093	1,627
39	50	95 396	15 614,335	249 122,989	15,955	15,489	89	100	347	5,583	11,155	1,998	1,532
40	51	95 062	14 854,001	233 508,654	15,720	15,254							
41	52	94 695	14 125,825	218 654,653	15,479	15,013							
42	53	94 293	13 427,934	204 528,828	15,232	14,766							
43	54	93 855	12 759,461	191 100,894	14,977	14,511							
44	55	93 376	12 118,709	178 341,433	14,716	14,250							
45	56	92 842	11 503,022	166 222,723	14,450	13,984							
46	57	92 267	10 913,383	154 719,702	14,177	13,711							
47	58	91 633	10 346,935	143 806,319	13,898	13,432							
48	59	90 933	9 802,288	133 459,383	13,615	13,149							
49	60	90 179	9 280,190	123 657,095	13,325	12,859							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	2 063 226,227	20,724	20,258	50	62	88 828	8 726,707	111 942,151	12,828	12,362
1	13	99 144	94 647,891	1 963 670,575	20,747	20,281	51	63	87 894	8 243,344	103 215,444	12,521	12,055
2	14	99 099	90 314,936	1 869 022,683	20,695	20,228	52	64	86 889	7 779,532	94 972,099	12,208	11,742
3	15	99 067	86 192,242	1 778 707,747	20,637	20,171	53	65	85 810	7 334,539	87 192,567	11,888	11,422
4	16	99 039	82 260,187	1 692 515,505	20,575	20,109	54	66	84 657	6 907,873	79 858,029	11,560	11,094
5	17	99 009	78 506,073	1 610 255,319	20,511	20,045	55	67	83 423	6 498,510	72 950,156	11,226	10,760
6	18	98 980	74 924,305	1 531 749,246	20,444	19,978	56	68	82 100	6 105,460	66 451,646	10,884	10,418
7	19	98 948	71 503,620	1 456 824,941	20,374	19,908	57	69	80 690	5 728,517	60 346,186	10,534	10,068
8	20	98 917	68 239,932	1 385 321,321	20,301	19,835	58	70	79 170	5 365,694	54 617,669	10,179	9,713
9	21	98 887	65 125,513	1 317 081,389	20,224	19,758	59	71	77 532	5 016,424	49 251,975	9,818	9,352
10	22	98 857	62 153,553	1 251 955,875	20,143	19,677	60	72	75 764	4 679,703	44 235,550	9,453	8,987
11	23	98 825	59 316,195	1 189 802,322	20,059	19,593	61	73	73 800	4 351,725	39 555,848	9,090	8,624
12	24	98 793	56 608,055	1 130 486,127	19,970	19,504	62	74	71 706	4 036,479	35 204,123	8,721	8,255
13	25	98 760	54 023,166	1 073 878,072	19,878	19,412	63	75	69 455	3 732,517	31 167,644	8,350	7,884
14	26	98 730	51 557,421	1 019 854,906	19,781	19,315	64	76	67 016	3 438,113	27 435,126	7,980	7,514
15	27	98 687	49 198,231	968 297,485	19,682	19,216	65	77	64 378	3 153,033	23 997,013	7,611	7,145
16	28	98 642	46 945,782	919 099,254	19,578	19,112	66	78	61 540	2 877,344	20 843,980	7,244	6,778
17	29	98 587	44 792,050	872 153,471	19,471	19,005	67	79	58 502	2 611,244	17 966,636	6,880	6,414
18	30	98 526	42 734,450	827 361,422	19,361	18,895	68	80	55 290	2 355,974	15 355,391	6,518	6,052
19	31	98 444	40 762,749	784 626,972	19,249	18,783	69	81	51 852	2 109,304	12 999,417	6,163	5,697
20	32	98 358	38 880,418	743 864,223	19,132	18,666	70	82	48 220	1 872,613	10 890,113	5,815	5,349
21	33	98 266	37 082,323	704 983,805	19,011	18,545	71	83	44 405	1 646,263	9 017,500	5,478	5,012
22	34	98 175	35 368,022	667 901,482	18,884	18,418	72	84	40 448	1 431,558	7 371,237	5,149	4,683
23	35	98 080	33 731,529	632 533,460	18,752	18,286	73	85	36 366	1 228,715	5 939,679	4,834	4,368
24	36	97 984	32 170,486	598 801,931	18,613	18,147	74	86	32 198	1 038,549	4 710,964	4,536	4,070
25	37	97 882	30 679,675	566 631,444	18,469	18,003	75	87	28 036	863,304	3 672,415	4,254	3,788
26	38	97 772	29 255,697	535 951,769	18,320	17,854	76	88	23 835	700,676	2 809,111	4,009	3,543
27	39	97 655	27 895,554	506 696,072	18,164	17,698	77	89	19 924	559,147	2 108,434	3,771	3,305
28	40	97 524	26 595,028	478 800,519	18,003	17,537	78	90	16 288	436,364	1 549,287	3,550	3,084
29	41	97 395	25 355,229	452 205,490	17,835	17,369	79	91	13 102	335,100	1 112,923	3,321	2,855
30	42	97 251	24 169,796	426 850,261	17,660	17,194	80	92	10 177	248,490	777,823	3,130	2,664
31	43	97 094	23 036,651	402 680,465	17,480	17,014	81	93	7 693	179,327	529,333	2,952	2,486
32	44	96 920	21 952,532	379 643,815	17,294	16,828	82	94	5 645	125,613	350,007	2,786	2,320
33	45	96 738	20 917,744	357 691,283	17,100	16,634	83	95	4 013	85,240	224,394	2,633	2,166
34	46	96 537	19 927,714	336 773,539	16,900	16,434	84	96	2 758	55,931	139,154	2,488	2,022
35	47	96 310	18 979,219	316 845,825	16,694	16,228	85	97	1 826	35,358	83,223	2,354	1,888
36	48	96 059	18 071,488	297 866,606	16,483	16,017	86	98	1 160	21,444	47,865	2,232	1,766
37	49	95 794	17 204,342	279 795,118	16,263	15,797	87	99	706	12,453	26,422	2,122	1,656
38	50	95 499	16 373,644	262 590,776	16,037	15,571	88	100	409	6,887	13,969	2,028	1,562
39	51	95 173	15 577,853	246 217,131	15,806	15,340							
40	52	94 825	14 817,003	230 639,279	15,566	15,100							
41	53	94 433	14 086,685	215 822,275	15,321	14,855							
42	54	94 006	13 387,124	201 735,590	15,069	14,603							
43	55	93 556	12 718,808	188 348,467	14,809	14,343							
44	56	93 040	12 075,112	175 629,659	14,545	14,079							
45	57	92 490	11 459,392	163 554,547	14,273	13,807							
46	58	91 886	10 868,351	152 095,155	13,994	13,528							
47	59	91 215	10 299,757	141 226,804	13,712	13,246							
48	60	90 498	9 755,450	130 927,047	13,421	12,955							
49	61	89 686	9 229,447	121 171,597	13,129	12,663							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	2 059 460,792	20,688	20,222	50	63	88 271	8 671,949	109 376,825	12,613	12,147
1	14	99 134	94 638,581	1 959 912,771	20,709	20,243	51	64	87 308	8 188,372	100 704,876	12,299	11,833
2	15	99 086	90 303,756	1 865 274,190	20,656	20,190	52	65	86 263	7 723,552	92 516,503	11,978	11,512
3	16	99 054	86 180,558	1 774 970,435	20,596	20,130	53	66	85 145	7 277,752	84 792,952	11,651	11,185
4	17	99 023	82 246,962	1 688 789,877	20,533	20,067	54	67	83 961	6 851,092	77 515,200	11,314	10,848
5	18	98 991	78 492,292	1 606 542,915	20,468	20,002	55	68	82 670	6 439,896	70 664,108	10,973	10,507
6	19	98 958	74 907,939	1 528 050,623	20,399	19,933	56	69	81 296	6 045,657	64 224,213	10,623	10,157
7	20	98 927	71 488,243	1 453 142,684	20,327	19,861	57	70	79 805	5 665,689	58 178,556	10,269	9,803
8	21	98 896	68 225,534	1 381 654,441	20,251	19,785	58	71	78 224	5 301,584	52 512,868	9,905	9,439
9	22	98 865	65 111,436	1 313 428,907	20,172	19,706	59	72	76 498	4 949,490	47 211,284	9,539	9,073
10	23	98 834	62 139,271	1 248 317,471	20,089	19,623	60	73	74 591	4 607,284	42 261,794	9,173	8,707
11	24	98 803	59 302,703	1 186 178,200	20,002	19,536	61	74	72 521	4 276,286	37 654,510	8,805	8,339
12	25	98 771	56 595,185	1 126 875,497	19,911	19,445	62	75	70 320	3 958,478	33 378,224	8,432	7,966
13	26	98 738	54 011,128	1 070 280,312	19,816	19,350	63	76	67 908	3 649,353	29 419,746	8,062	7,596
14	27	98 703	51 543,647	1 016 269,184	19,717	19,251	64	77	65 317	3 350,965	25 770,394	7,690	7,224
15	28	98 662	49 185,531	964 725,537	19,614	19,148	65	78	62 514	3 061,740	22 419,429	7,322	6,856
16	29	98 616	46 933,589	915 540,006	19,507	19,041	66	79	59 493	2 781,649	19 357,689	6,959	6,493
17	30	98 560	44 779,626	868 606,417	19,397	18,931	67	80	56 305	2 513,190	16 576,040	6,596	6,130
18	31	98 499	42 722,722	823 826,790	19,283	18,817	68	81	52 892	2 253,788	14 062,849	6,240	5,774
19	32	98 412	40 749,459	781 104,069	19,168	18,702	69	82	49 286	2 004,902	11 809,061	5,890	5,424
20	33	98 324	38 866,952	740 354,609	19,048	18,582	70	83	45 478	1 766,122	9 804,159	5,551	5,085
21	34	98 230	37 068,907	701 487,657	18,924	18,458	71	84	41 521	1 539,323	8 038,037	5,222	4,756
22	35	98 135	35 353,669	664 418,750	18,793	18,327	72	85	37 456	1 325,643	6 498,714	4,902	4,436
23	36	98 038	33 717,154	629 065,082	18,657	18,191	73	86	33 264	1 123,911	5 173,071	4,603	4,137
24	37	97 938	32 155,485	595 347,927	18,515	18,049	74	87	29 086	938,175	4 049,160	4,316	3,850
25	38	97 830	30 663,516	563 192,442	18,367	17,901	75	88	24 821	764,317	3 110,985	4,070	3,604
26	39	97 715	29 238,449	532 528,927	18,213	17,747	76	89	20 845	612,768	2 346,669	3,830	3,364
27	40	97 586	27 875,936	503 290,478	18,055	17,589	77	90	17 140	480,996	1 733,901	3,605	3,139
28	41	97 455	26 576,072	475 414,542	17,889	17,423	78	91	13 874	371,697	1 252,905	3,371	2,905
29	42	97 314	25 334,160	448 838,470	17,717	17,251	79	92	10 834	277,079	881,208	3,180	2,714
30	43	97 159	24 146,932	423 504,311	17,539	17,073	80	93	8 254	201,529	604,129	2,998	2,532
31	44	96 992	23 012,334	399 357,378	17,354	16,888	81	94	6 102	142,227	402,599	2,831	2,365
32	45	96 810	21 927,707	376 345,044	17,163	16,697	82	95	4 373	97,301	260,373	2,676	2,210
33	46	96 607	20 889,452	354 417,337	16,966	16,500	83	96	3 032	64,403	163,072	2,532	2,066
34	47	96 387	19 896,808	333 527,885	16,763	16,297	84	97	2 030	41,166	98,669	2,397	1,931
35	48	96 142	18 946,282	313 631,078	16,554	16,088	85	98	1 308	25,318	57,503	2,271	1,805
36	49	95 881	18 038,002	294 684,795	16,337	15,871	86	99	807	14,919	32,185	2,157	1,691
37	50	95 593	17 168,349	276 646,793	16,114	15,648	87	100	476	8,407	17,266	2,054	1,588
38	51	95 276	16 335,388	259 478,444	15,884	15,418							
39	52	94 936	15 539,052	243 143,056	15,647	15,181							
40	53	94 562	14 775,948	227 604,004	15,404	14,938							
41	54	94 146	14 043,873	212 828,056	15,155	14,689							
42	55	93 707	13 344,470	198 784,183	14,896	14,430							
43	56	93 219	12 673,051	185 439,713	14,633	14,167							
44	57	92 687	12 029,312	172 766,662	14,362	13,896							
45	58	92 108	11 412,107	160 737,349	14,085	13,619							
46	59	91 467	10 818,795	149 325,242	13,802	13,336							
47	60	90 779	10 250,541	138 506,447	13,512	13,046							
48	61	90 004	9 702,108	128 255,906	13,219	12,753							
49	62	89 176	9 176,973	118 553,798	12,919	12,453							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	2 055 456,351	20,650	20,184	50	64	87 682	8 614,119	106 680,635	12,384	11,918
1	15	99 122	94 626,865	1 955 918,123	20,670	20,204	51	65	86 680	8 129,450	98 066,517	12,063	11,597
2	16	99 073	90 291,514	1 861 291,258	20,614	20,148	52	66	85 596	7 663,753	89 937,066	11,735	11,269
3	17	99 038	86 166,703	1 770 999,744	20,553	20,087	53	67	84 445	7 217,930	82 273,313	11,398	10,932
4	18	99 006	82 232,525	1 684 833,041	20,489	20,023	54	68	83 204	6 789,297	75 055,383	11,055	10,589
5	19	98 970	78 475,146	1 602 600,516	20,422	19,956	55	69	81 861	6 376,816	68 266,086	10,705	10,239
6	20	98 937	74 891,830	1 524 125,370	20,351	19,885	56	70	80 404	5 979,350	61 889,270	10,351	9,884
7	21	98 906	71 473,160	1 449 233,540	20,277	19,811	57	71	78 852	5 597,994	55 909,920	9,987	9,521
8	22	98 875	68 210,788	1 377 760,381	20,199	19,733	58	72	77 180	5 230,845	50 311,926	9,618	9,152
9	23	98 843	65 096,474	1 309 549,593	20,117	19,651	59	73	75 314	4 872,896	45 081,082	9,251	8,785
10	24	98 812	62 125,137	1 244 453,119	20,031	19,565	60	74	73 298	4 527,414	40 208,186	8,881	8,415
11	25	98 780	59 289,221	1 182 327,982	19,942	19,476	61	75	71 119	4 193,651	35 680,771	8,508	8,042
12	26	98 749	56 582,573	1 123 038,761	19,848	19,382	62	76	68 753	3 870,278	31 487,120	8,136	7,670
13	27	98 712	53 996,698	1 066 456,189	19,750	19,284	63	77	66 187	3 556,850	27 616,842	7,764	7,298
14	28	98 678	51 530,342	1 012 459,491	19,648	19,182	64	78	63 426	3 253,940	24 059,992	7,394	6,928
15	29	98 636	49 172,756	960 929,148	19,542	19,076	65	79	60 435	2 959,912	20 806,052	7,029	6,563
16	30	98 589	46 920,571	911 756,392	19,432	18,966	66	80	57 259	2 677,197	17 846,140	6,666	6,200
17	31	98 533	44 767,337	864 835,821	19,318	18,852	67	81	53 863	2 404,185	15 168,943	6,309	5,843
18	32	98 467	42 708,793	820 068,484	19,201	18,735	68	82	50 274	2 142,235	12 764,758	5,959	5,493
19	33	98 378	40 735,346	777 359,691	19,083	18,617	69	83	46 483	1 890,888	10 622,523	5,618	5,152
20	34	98 289	38 852,890	736 624,345	18,959	18,493	70	84	42 524	1 651,396	8 731,635	5,287	4,821
21	35	98 190	37 053,863	697 771,454	18,831	18,365	71	85	38 449	1 425,435	7 080,239	4,967	4,501
22	36	98 093	35 338,603	660 717,591	18,697	18,231	72	86	34 261	1 212,572	5 654,804	4,663	4,197
23	37	97 992	33 701,431	625 378,988	18,556	18,090	73	87	30 049	1 015,286	4 442,232	4,375	3,909
24	38	97 887	32 138,549	591 677,557	18,410	17,944	74	88	25 751	830,602	3 426,946	4,126	3,660
25	39	97 772	30 645,438	559 539,008	18,258	17,792	75	89	21 707	668,424	2 596,343	3,884	3,418
26	40	97 646	29 217,887	528 893,571	18,102	17,636	76	90	17 932	527,122	1 927,919	3,657	3,191
27	41	97 517	27 856,066	499 675,684	17,938	17,472	77	91	14 600	409,714	1 400,797	3,419	2,953
28	42	97 374	26 553,987	471 819,618	17,768	17,302	78	92	11 472	307,339	991,083	3,225	2,759
29	43	97 222	25 310,195	445 265,630	17,592	17,126	79	93	8 786	224,716	683,744	3,043	2,577
30	44	97 056	24 121,444	419 955,436	17,410	16,944	80	94	6 546	159,836	459,028	2,872	2,406
31	45	96 882	22 986,311	395 833,992	17,220	16,754	81	95	4 727	110,170	299,191	2,716	2,250
32	46	96 680	21 898,049	372 847,680	17,027	16,561	82	96	3 304	73,516	189,021	2,571	2,105
33	47	96 458	20 857,054	350 949,632	16,826	16,360	83	97	2 231	47,401	115,506	2,437	1,971
34	48	96 220	19 862,279	330 092,578	16,619	16,153	84	98	1 453	29,477	68,104	2,310	1,844
35	49	95 964	18 911,175	310 230,299	16,405	15,939	85	99	910	17,614	38,628	2,193	1,727
36	50	95 681	18 000,266	291 319,124	16,184	15,718	86	100	545	10,072	21,014	2,086	1,620
37	51	95 370	17 128,236	273 318,858	15,957	15,491							
38	52	95 039	16 294,700	256 190,622	15,722	15,256							
39	53	94 673	15 495,995	239 895,922	15,481	15,015							
40	54	94 275	14 731,041	224 399,927	15,233	14,767							
41	55	93 846	13 999,127	209 668,886	14,977	14,511							
42	56	93 370	13 296,463	195 669,759	14,716	14,250							
43	57	92 865	12 624,984	182 373,296	14,445	13,979							
44	58	92 304	11 979,676	169 748,312	14,170	13,704							
45	59	91 688	11 360,072	157 768,636	13,888	13,422							
46	60	91 030	10 767,099	146 408,564	13,598	13,132							
47	61	90 283	10 194,493	135 641,464	13,305	12,839							
48	62	89 492	9 646,947	125 446,972	13,004	12,538							
49	63	88 616	9 119,390	115 800,025	12,698	12,232							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	2 051 204,676	20,610	20,144	50	65	87 051	8 552,133	103 851,601	12,143	11,677
1	16	99 108	94 614,037	1 951 678,770	20,628	20,162	51	66	86 008	8 066,509	95 299,467	11,814	11,348
2	17	99 057	90 276,998	1 857 064,733	20,571	20,105	52	67	84 892	7 600,759	87 232,959	11,477	11,011
3	18	99 021	86 151,578	1 766 787,735	20,508	20,042	53	68	83 684	7 152,827	79 632,200	11,133	10,667
4	19	98 984	82 214,562	1 680 636,157	20,442	19,976	54	69	82 389	6 722,795	72 479,373	10,781	10,315
5	20	98 948	78 458,270	1 598 421,595	20,373	19,907	55	70	80 963	6 306,877	65 756,578	10,426	9,960
6	21	98 916	74 876,028	1 519 963,325	20,300	19,834	56	71	79 444	5 907,907	59 449,701	10,063	9,597
7	22	98 884	71 457,711	1 445 087,297	20,223	19,757	57	72	77 800	5 523,300	53 640,248	9,694	9,228
8	23	98 852	68 195,113	1 373 629,586	20,143	19,677	58	73	75 986	5 149,897	48 018,494	9,324	8,858
9	24	98 820	65 081,668	1 305 434,473	20,058	19,592	59	74	74 008	4 788,422	42 868,597	8,953	8,487
10	25	98 789	62 111,012	1 240 352,805	19,970	19,504	60	75	71 882	4 439,926	38 080,175	8,577	8,111
11	26	98 758	59 276,009	1 178 241,793	19,877	19,411	61	76	69 535	4 100,212	33 640,248	8,205	7,739
12	27	98 722	56 567,456	1 118 965,784	19,781	19,315	62	77	67 010	3 772,176	29 540,037	7,831	7,365
13	28	98 686	53 982,760	1 062 398,328	19,680	19,214	63	78	64 270	3 453,864	25 767,861	7,461	6,995
14	29	98 652	51 516,958	1 008 415,568	19,574	19,108	64	79	61 317	3 145,720	22 313,997	7,093	6,627
15	30	98 609	49 159,118	956 898,610	19,465	18,999	65	80	58 166	2 848,765	19 168,277	6,729	6,263
16	31	98 562	46 907,695	907 739,492	19,352	18,886	66	81	54 776	2 561,078	16 319,512	6,372	5,906
17	32	98 500	44 752,741	860 831,798	19,235	18,769	67	82	51 197	2 285,188	13 758,434	6,021	5,555
18	33	98 433	42 694,001	816 079,056	19,115	18,649	68	83	47 415	2 020,411	11 473,245	5,679	5,213
19	34	98 342	40 720,608	773 385,055	18,992	18,526	69	84	43 463	1 768,058	9 452,834	5,346	4,880
20	35	98 249	38 837,123	732 664,447	18,865	18,399	70	85	39 378	1 529,216	7 684,777	5,025	4,559
21	36	98 148	37 038,073	693 827,324	18,733	18,267	71	86	35 169	1 303,852	6 155,561	4,721	4,255
22	37	98 047	35 322,124	656 789,251	18,594	18,128	72	87	30 950	1 095,378	4 851,708	4,429	3,963
23	38	97 940	33 683,681	621 467,127	18,450	17,984	73	88	26 604	898,872	3 756,330	4,179	3,713
24	39	97 829	32 119,601	587 783,446	18,300	17,834	74	89	22 520	726,393	2 857,458	3,934	3,468
25	40	97 704	30 623,886	555 663,846	18,145	17,679	75	90	18 673	574,999	2 131,065	3,706	3,240
26	41	97 576	29 197,060	525 039,960	17,983	17,517	76	91	15 274	449,005	1 556,066	3,466	3,000
27	42	97 436	27 832,918	495 842,900	17,815	17,349	77	92	12 072	338,774	1 107,061	3,268	2,802
28	43	97 282	26 528,869	468 009,981	17,642	17,176	78	93	9 304	249,257	768,287	3,082	2,616
29	44	97 119	25 283,479	441 481,113	17,461	16,995	79	94	6 969	178,226	519,029	2,912	2,446
30	45	96 947	24 094,167	416 197,634	17,274	16,808	80	95	5 071	123,810	340,803	2,753	2,287
31	46	96 751	22 955,221	392 103,467	17,081	16,615	81	96	3 571	83,239	216,993	2,607	2,141
32	47	96 530	21 864,087	369 148,246	16,884	16,418	82	97	2 432	54,108	133,753	2,472	2,006
33	48	96 290	20 820,858	347 284,160	16,680	16,214	83	98	1 598	33,941	79,645	2,347	1,881
34	49	96 042	19 825,475	326 463,301	16,467	16,001	84	99	1 011	20,507	45,704	2,229	1,763
35	50	95 764	18 871,612	306 637,827	16,249	15,783	85	100	614	11,891	25,196	2,119	1,653
36	51	95 457	17 958,209	287 766,215	16,024	15,558							
37	52	95 132	17 085,573	269 808,006	15,792	15,326							
38	53	94 775	16 249,550	252 722,433	15,553	15,087							
39	54	94 385	15 448,900	236 472,883	15,307	14,841							
40	55	93 974	14 684,106	221 023,982	15,052	14,586							
41	56	93 508	13 948,765	206 339,877	14,793	14,327							
42	57	93 015	13 246,031	192 391,112	14,524	14,058							
43	58	92 482	12 572,890	179 145,081	14,249	13,783							
44	59	91 884	11 925,053	166 572,192	13,968	13,502							
45	60	91 250	11 305,790	154 647,139	13,679	13,213							
46	61	90 532	10 708,226	143 341,349	13,386	12,920							
47	62	89 770	10 136,532	132 633,123	13,085	12,619							
48	63	88 930	9 586,414	122 496,591	12,778	12,312							
49	64	88 025	9 058,576	112 910,176	12,464	11,998							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	2 046 697,694	20,567	20,101	50	66	86 377	8 485,919	100 888,943	11,889	11,423
1	17	99 092	94 598,827	1 947 185,279	20,584	20,118	51	67	85 301	8 000,204	92 403,024	11,550	11,084
2	18	99 040	90 261,151	1 852 586,453	20,525	20,059	52	68	84 126	7 532,203	84 402,820	11,206	10,740
3	19	98 999	86 132,759	1 762 325,301	20,461	19,995	53	69	82 864	7 082,764	76 870,618	10,853	10,387
4	20	98 963	82 196,881	1 676 192,542	20,392	19,926	54	70	81 485	6 649,062	69 787,853	10,496	10,030
5	21	98 928	78 441,716	1 593 995,661	20,321	19,855	55	71	79 996	6 231,521	63 138,792	10,132	9,666
6	22	98 895	74 859,844	1 515 553,945	20,245	19,779	56	72	78 384	5 829,078	56 907,271	9,763	9,297
7	23	98 862	71 441,290	1 440 694,101	20,166	19,700	57	73	76 596	5 437,826	51 078,192	9,393	8,927
8	24	98 830	68 179,602	1 369 252,811	20,083	19,617	58	74	74 669	5 060,621	45 640,366	9,019	8,553
9	25	98 798	65 066,871	1 301 073,209	19,996	19,530	59	75	72 578	4 695,891	40 579,745	8,642	8,176
10	26	98 767	62 097,171	1 236 006,338	19,904	19,438	60	76	70 280	4 341,000	35 883,855	8,266	7,800
11	27	98 732	59 260,172	1 173 909,167	19,809	19,343	61	77	67 772	3 996,281	31 542,855	7,893	7,427
12	28	98 697	56 552,855	1 114 648,994	19,710	19,244	62	78	65 070	3 662,955	27 546,574	7,520	7,054
13	29	98 661	53 968,739	1 058 096,140	19,606	19,140	63	79	62 133	3 338,995	23 883,620	7,153	6,687
14	30	98 625	51 502,669	1 004 127,401	19,497	19,031	64	80	59 014	3 027,596	20 544,625	6,786	6,320
15	31	98 581	49 145,626	952 624,732	19,384	18,918	65	81	55 643	2 725,205	17 517,028	6,428	5,962
16	32	98 530	46 892,401	903 479,105	19,267	18,801	66	82	52 065	2 434,316	14 791,823	6,076	5,610
17	33	98 466	44 737,242	856 586,704	19,147	18,681	67	83	48 285	2 155,235	12 357,507	5,734	5,268
18	34	98 397	42 678,555	811 849,462	19,022	18,556	68	84	44 335	1 889,167	10 202,273	5,400	4,934
19	35	98 303	40 704,083	769 170,907	18,897	18,431	69	85	40 248	1 637,246	8 313,106	5,077	4,611
20	36	98 207	38 820,572	728 466,824	18,765	18,299	70	86	36 019	1 398,781	6 675,859	4,773	4,307
21	37	98 103	37 020,801	689 646,252	18,629	18,163	71	87	31 770	1 177,837	5 277,078	4,480	4,014
22	38	97 996	35 303,520	652 625,450	18,486	18,020	72	88	27 401	969,781	4 099,242	4,227	3,761
23	39	97 883	33 663,822	617 321,931	18,338	17,872	73	89	23 266	786,098	3 129,461	3,981	3,515
24	40	97 760	32 097,012	583 658,109	18,184	17,718	74	90	19 372	624,866	2 343,363	3,750	3,284
25	41	97 634	30 602,057	551 561,097	18,024	17,558	75	91	15 906	489,786	1 718,497	3,509	3,043
26	42	97 495	29 172,798	520 959,039	17,858	17,392	76	92	12 630	371,262	1 228,711	3,310	2,844
27	43	97 343	27 806,590	491 786,241	17,686	17,220	77	93	9 790	274,752	857,449	3,121	2,655
28	44	97 179	26 500,866	463 979,651	17,508	17,042	78	94	7 379	197,690	582,697	2,948	2,482
29	45	97 009	25 254,888	437 478,785	17,323	16,857	79	95	5 398	138,055	385,007	2,789	2,323
30	46	96 816	24 061,578	412 223,898	17,132	16,666	80	96	3 831	93,545	246,952	2,640	2,174
31	47	96 601	22 919,619	388 162,320	16,936	16,470	81	97	2 628	61,265	153,406	2,504	2,038
32	48	96 362	21 826,143	365 242,700	16,734	16,268	82	98	1 741	38,744	92,141	2,378	1,912
33	49	96 112	20 782,278	343 416,557	16,524	16,058	83	99	1 112	23,614	53,398	2,261	1,795
34	50	95 841	19 783,998	322 634,279	16,308	15,842	84	100	683	13,844	29,784	2,151	1,685
35	51	95 540	18 827,519	302 850,281	16,086	15,620							
36	52	95 219	17 913,479	284 022,762	15,855	15,389							
37	53	94 869	17 038,232	266 109,283	15,618	15,152							
38	54	94 487	16 200,165	249 071,051	15,375	14,909							
39	55	94 085	15 399,678	232 870,886	15,122	14,656							
40	56	93 636	14 631,279	217 471,209	14,863	14,397							
41	57	93 154	13 895,859	202 839,930	14,597	14,131							
42	58	92 632	13 191,374	188 944,071	14,323	13,857							
43	59	92 061	12 515,562	175 752,697	14,043	13,577							
44	60	91 444	11 868,071	163 237,135	13,754	13,288							
45	61	90 751	11 243,971	151 369,065	13,462	12,996							
46	62	90 017	10 647,345	140 125,094	13,161	12,695							
47	63	89 206	10 072,928	129 477,749	12,854	12,388							
48	64	88 337	9 522,486	119 404,821	12,539	12,073							
49	65	87 392	8 993,392	109 882,335	12,218	11,752							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	2 041 925,647	20,523	20,057	50	67	85 667	8 416,167	97 792,064	11,620	11,154
1	18	99 075	94 582,221	1 942 429,231	20,537	20,071	51	68	84 532	7 928,045	89 375,898	11,273	10,807
2	19	99 018	90 241,435	1 847 847,010	20,477	20,011	52	69	83 302	7 458,424	81 447,853	10,920	10,454
3	20	98 978	86 114,236	1 757 605,575	20,410	19,944	53	70	81 955	7 005,083	73 989,429	10,562	10,096
4	21	98 942	82 179,539	1 671 491,339	20,340	19,873	54	71	80 511	6 569,617	66 984,346	10,196	9,730
5	22	98 906	78 424,761	1 589 311,800	20,265	19,799	55	72	78 928	6 148,374	60 414,729	9,826	9,360
6	23	98 872	74 842,642	1 510 887,039	20,188	19,722	56	73	77 171	5 738,872	54 266,355	9,456	8,990
7	24	98 839	71 425,040	1 436 044,398	20,106	19,640	57	74	75 268	5 343,559	48 527,482	9,081	8,615
8	25	98 807	68 164,101	1 364 619,357	20,020	19,554	58	75	73 226	4 962,829	43 183,923	8,701	8,235
9	26	98 776	65 052,371	1 296 455,256	19,929	19,463	59	76	70 961	4 591,261	38 221,094	8,325	7,859
10	27	98 741	62 080,582	1 231 402,885	19,836	19,370	60	77	68 499	4 230,965	33 629,833	7,949	7,482
11	28	98 706	59 244,876	1 169 322,303	19,737	19,271	61	78	65 810	3 880,571	29 398,868	7,576	7,110
12	29	98 671	56 538,166	1 110 077,428	19,634	19,168	62	79	62 906	3 541,132	25 518,297	7,206	6,740
13	30	98 633	53 953,770	1 053 539,262	19,527	19,061	63	80	59 800	3 213,614	21 977,165	6,839	6,373
14	31	98 598	51 488,535	999 585,492	19,414	18,948	64	81	56 454	2 896,280	18 763,551	6,479	6,012
15	32	98 549	49 129,604	948 096,957	19,298	18,832	65	82	52 889	2 590,319	15 867,271	6,126	5,660
16	33	98 496	46 876,161	898 967,353	19,177	18,711	66	83	49 104	2 295,881	13 276,952	5,783	5,317
17	34	98 431	44 721,056	852 091,193	19,053	18,587	67	84	45 149	2 015,233	10 981,071	5,449	4,983
18	35	98 357	42 661,235	807 370,137	18,925	18,459	68	85	41 055	1 749,395	8 965,838	5,125	4,659
19	36	98 261	40 686,737	764 708,902	18,795	18,329	69	86	36 815	1 497,597	7 216,443	4,819	4,353
20	37	98 161	38 802,470	724 022,165	18,659	18,193	70	87	32 538	1 263,591	5 718,846	4,526	4,060
21	38	98 051	37 001,303	685 219,695	18,519	18,053	71	88	28 127	1 042,784	4 455,255	4,272	3,806
22	39	97 938	35 282,706	648 218,393	18,372	17,906	72	89	23 963	848,110	3 412,471	4,024	3,558
23	40	97 814	33 640,148	612 935,687	18,220	17,754	73	90	20 014	676,226	2 564,361	3,792	3,326
24	41	97 690	32 074,134	579 295,539	18,061	17,595	74	91	16 502	532,263	1 888,135	3,547	3,081
25	42	97 553	30 576,628	547 221,406	17,897	17,431	75	92	13 152	404,983	1 355,872	3,348	2,882
26	43	97 403	29 145,202	516 644,778	17,727	17,261	76	93	10 243	301,100	950,890	3,158	2,692
27	44	97 241	27 777,238	487 499,576	17,550	17,084	77	94	7 765	217,910	649,790	2,982	2,516
28	45	97 069	26 470,899	459 722,337	17,367	16,901	78	95	5 716	153,133	431,880	2,820	2,354
29	46	96 878	25 220,729	433 251,439	17,178	16,712	79	96	4 078	104,308	278,747	2,672	2,206
30	47	96 665	24 024,260	408 030,710	16,984	16,518	80	97	2 820	68,850	174,439	2,534	2,068
31	48	96 434	22 879,844	384 006,450	16,784	16,318	81	98	1 882	43,868	105,589	2,407	1,941
32	49	96 183	21 785,700	361 126,605	16,576	16,110	82	99	1 211	26,955	61,721	2,290	1,824
33	50	95 911	20 738,800	339 340,905	16,363	15,897	83	100	750	15,942	34,766	2,181	1,715
34	51	95 617	19 737,774	318 602,105	16,142	15,676							
35	52	95 302	18 780,624	298 864,332	15,913	15,447							
36	53	94 955	17 863,843	280 083,708	15,679	15,213							
37	54	94 581	16 986,449	262 219,864	15,437	14,971							
38	55	94 186	16 148,549	245 233,415	15,186	14,720							
39	56	93 746	15 344,277	229 084,866	14,930	14,464							
40	57	93 281	14 575,784	213 740,590	14,664	14,198							
41	58	92 769	13 838,520	199 164,805	14,392	13,926							
42	59	92 209	13 131,226	185 326,285	14,113	13,647							
43	60	91 621	12 455,758	172 195,059	13,825	13,359							
44	61	90 944	11 803,178	159 739,301	13,534	13,068							
45	62	90 235	11 180,044	147 936,123	13,232	12,766							
46	63	89 453	10 580,535	136 756,080	12,925	12,459							
47	64	88 611	10 005,755	126 175,544	12,610	12,144							
48	65	87 702	9 453,964	116 169,790	12,288	11,822							
49	66	86 715	8 923,761	106 715,825	11,959	11,493							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	2 036 879,811	20,475	20,009	50	68	84 895	8 340,256	94 559,711	11,338	10,872
1	19	99 053	94 561,561	1 937 400,859	20,488	20,022	51	69	83 704	7 850,389	86 219,455	10,983	10,517
2	20	98 997	90 222,028	1 842 839,299	20,426	19,960	52	70	82 389	7 376,622	78 369,066	10,624	10,158
3	21	98 957	86 096,067	1 752 617,271	20,357	19,891	53	71	80 976	6 921,385	70 992,444	10,257	9,791
4	22	98 920	82 161,776	1 666 521,204	20,283	19,817	54	72	79 437	6 481,959	64 071,060	9,885	9,419
5	23	98 883	78 406,739	1 584 359,428	20,207	19,741	55	73	77 707	6 053,227	57 589,101	9,514	9,048
6	24	98 850	74 825,618	1 505 952,689	20,126	19,660	56	74	75 833	5 639,387	51 535,874	9,139	8,673
7	25	98 817	71 408,802	1 431 127,070	20,041	19,575	57	75	73 814	5 240,300	45 896,487	8,758	8,292
8	26	98 785	68 148,911	1 359 718,269	19,952	19,486	58	76	71 594	4 852,252	40 656,187	8,379	7,913
9	27	98 749	65 034,992	1 291 569,358	19,860	19,394	59	77	69 162	4 474,883	35 803,935	8,001	7,535
10	28	98 715	62 064,557	1 226 534,365	19,762	19,296	60	78	66 515	4 108,461	31 329,053	7,625	7,159
11	29	98 681	59 229,488	1 164 469,809	19,660	19,194	61	79	63 621	3 751,511	27 220,592	7,256	6,790
12	30	98 644	56 522,484	1 105 240,321	19,554	19,088	62	80	60 544	3 408,160	23 469,081	6,886	6,420
13	31	98 606	53 938,963	1 048 717,837	19,443	18,977	63	81	57 206	3 074,229	20 060,921	6,526	6,060
14	32	98 566	51 471,748	994 778,874	19,327	18,861	64	82	53 660	2 752,926	16 986,692	6,170	5,704
15	33	98 515	49 112,588	943 307,126	19,207	18,741	65	83	49 881	2 443,013	14 233,766	5,826	5,360
16	34	98 460	46 859,201	894 194,538	19,083	18,617	66	84	45 914	2 146,743	11 790,752	5,492	5,026
17	35	98 391	44 702,907	847 335,337	18,955	18,489	67	85	41 808	1 866,134	9 644,009	5,168	4,702
18	36	98 315	42 643,055	802 632,429	18,822	18,356	68	86	37 553	1 600,180	7 777,875	4,861	4,395
19	37	98 215	40 667,764	759 989,374	18,688	18,222	69	87	33 257	1 352,856	6 177,695	4,566	4,100
20	38	98 110	38 782,033	719 321,611	18,548	18,082	70	88	28 807	1 118,705	4 824,839	4,313	3,847
21	39	97 993	36 979,488	680 539,578	18,403	17,937	71	89	24 599	911,954	3 706,134	4,064	3,598
22	40	97 869	35 257,893	643 560,090	18,253	17,787	72	90	20 614	729,571	2 794,179	3,830	3,364
23	41	97 744	33 616,169	608 302,198	18,096	17,630	73	91	17 048	576,012	2 064,609	3,584	3,118
24	42	97 609	32 047,481	574 686,029	17,932	17,466	74	92	13 644	440,105	1 488,597	3,382	2,916
25	43	97 461	30 547,704	542 638,548	17,764	17,298	75	93	10 666	328,448	1 048,492	3,192	2,726
26	44	97 300	29 114,438	512 090,844	17,589	17,123	76	94	8 124	238,807	720,045	3,015	2,549
27	45	97 131	27 745,827	482 976,406	17,407	16,941	77	95	6 015	168,795	481,237	2,851	2,385
28	46	96 938	26 435,095	455 230,579	17,221	16,755	78	96	4 319	115,700	312,442	2,700	2,234
29	47	96 728	25 181,614	428 795,484	17,028	16,562	79	97	3 002	76,772	196,743	2,563	2,097
30	48	96 498	23 982,568	403 613,870	16,829	16,363	80	98	2 019	49,300	119,971	2,433	1,967
31	49	96 255	22 837,449	379 631,302	16,623	16,157	81	99	1 309	30,520	70,671	2,316	1,850
32	50	95 982	21 740,123	356 793,853	16,412	15,946	82	100	818	18,197	40,151	2,206	1,740
33	51	95 687	20 690,344	335 053,730	16,194	15,728							
34	52	95 379	19 688,611	314 363,386	15,967	15,501							
35	53	95 038	18 728,586	294 674,774	15,734	15,268							
36	54	94 667	17 809,552	275 946,189	15,494	15,028							
37	55	94 279	16 932,328	258 136,637	15,245	14,779							
38	56	93 847	16 090,454	241 204,309	14,991	14,525							
39	57	93 391	15 286,078	225 113,855	14,727	14,261							
40	58	92 896	14 515,640	209 827,778	14,455	13,989							
41	59	92 346	13 775,422	195 312,137	14,178	13,712							
42	60	91 769	13 068,481	181 536,716	13,891	13,425							
43	61	91 120	12 387,651	168 468,235	13,600	13,134							
44	62	90 427	11 736,071	156 080,584	13,299	12,833							
45	63	89 669	11 109,891	144 344,513	12,992	12,526							
46	64	88 856	10 509,977	133 234,621	12,677	12,211							
47	65	87 974	9 933,755	122 724,644	12,354	11,888							
48	66	87 023	9 380,767	112 790,888	12,024	11,558							
49	67	86 002	8 850,410	103 410,121	11,684	11,218							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	2 031 550,021	20,426	19,960	50	69	84 063	8 258,562	91 193,408	11,042	10,576
1	20	99 032	94 541,225	1 932 092,800	20,437	19,971	51	70	82 786	7 764,288	82 934,846	10,682	10,216
2	21	98 976	90 202,992	1 837 551,575	20,371	19,905	52	71	81 404	7 288,485	75 170,558	10,314	9,848
3	22	98 935	86 077,457	1 747 348,583	20,300	19,834	53	72	79 896	6 829,033	67 882,074	9,940	9,474
4	23	98 898	82 142,896	1 661 271,126	20,224	19,758	54	73	78 208	6 381,650	61 053,041	9,567	9,101
5	24	98 861	78 388,905	1 579 128,230	20,145	19,679	55	74	76 360	5 948,292	54 671,391	9,191	8,725
6	25	98 827	74 808,607	1 500 739,325	20,061	19,595	56	75	74 367	5 530,411	48 723,099	8,810	8,344
7	26	98 795	71 392,889	1 425 930,718	19,973	19,507	57	76	72 169	5 123,540	43 192,688	8,430	7,964
8	27	98 759	68 130,704	1 354 537,829	19,881	19,415	58	77	69 779	4 729,258	38 069,149	8,050	7,584
9	28	98 724	65 018,205	1 286 407,125	19,785	19,319	59	78	67 160	4 345,316	33 339,890	7,673	7,207
10	29	98 690	62 048,436	1 221 388,920	19,684	19,218	60	79	64 303	3 971,821	28 994,575	7,300	6,834
11	30	98 653	59 213,060	1 159 340,484	19,579	19,113	61	80	61 232	3 610,639	25 022,753	6,930	6,464
12	31	98 617	56 506,972	1 100 127,424	19,469	19,003	62	81	57 918	3 260,337	21 412,114	6,567	6,101
13	32	98 574	53 921,377	1 043 620,452	19,354	18,888	63	82	54 374	2 922,068	18 115,777	6,212	5,746
14	33	98 531	51 453,921	989 699,075	19,235	18,769	64	83	50 609	2 596,373	15 229,709	5,866	5,400
15	34	98 480	49 094,819	938 245,153	19,111	18,645	65	84	46 641	2 284,317	12 633,336	5,530	5,064
16	35	98 420	46 840,185	889 150,334	18,983	18,517	66	85	42 517	1 987,914	10 349,018	5,206	4,740
17	36	98 349	44 683,857	842 310,149	18,850	18,384	67	86	38 242	1 706,961	8 361,104	4,898	4,432
18	37	98 269	42 623,170	797 626,292	18,713	18,247	68	87	33 923	1 445,525	6 654,143	4,603	4,137
19	38	98 163	40 646,344	755 003,123	18,575	18,109	69	88	29 443	1 197,736	5 208,618	4,349	3,883
20	39	98 052	38 759,168	714 356,778	18,431	17,965	70	89	25 193	978,350	4 010,882	4,100	3,634
21	40	97 924	36 953,481	675 597,611	18,282	17,816	71	90	21 160	784,492	3 032,532	3,866	3,400
22	41	97 799	35 232,761	638 644,129	18,126	17,660	72	91	17 559	621,451	2 248,040	3,617	3,151
23	42	97 663	33 588,235	603 411,368	17,965	17,499	73	92	14 096	476,278	1 626,589	3,415	2,949
24	43	97 517	32 017,165	569 823,133	17,797	17,331	74	93	11 066	356,932	1 150,311	3,223	2,757
25	44	97 358	30 515,459	537 805,968	17,624	17,158	75	94	8 460	260,497	793,379	3,046	2,580
26	45	97 190	29 081,515	507 290,509	17,444	16,978	76	95	6 293	184,982	532,881	2,881	2,415
27	46	96 999	27 708,299	478 208,994	17,259	16,793	77	96	4 544	127,533	347,899	2,728	2,262
28	47	96 788	26 394,096	450 500,694	17,068	16,602	78	97	3 179	85,156	220,366	2,588	2,122
29	48	96 560	25 137,913	424 106,598	16,871	16,405	79	98	2 149	54,972	135,210	2,460	1,994
30	49	96 319	23 938,130	398 968,685	16,667	16,201	80	99	1 405	34,299	80,238	2,339	1,873
31	50	96 053	22 789,671	375 030,555	16,456	15,990	81	100	884	20,604	45,939	2,230	1,764
32	51	95 758	21 689,328	352 240,884	16,240	15,774							
33	52	95 448	20 638,809	330 551,556	16,016	15,550							
34	53	95 115	19 634,057	309 912,747	15,784	15,318							
35	54	94 749	18 671,666	290 278,690	15,546	15,080							
36	55	94 365	17 752,808	271 607,024	15,299	14,833							
37	56	93 940	16 871,413	253 854,216	15,046	14,580							
38	57	93 491	16 029,424	236 982,802	14,784	14,318							
39	58	93 005	15 223,003	220 953,378	14,514	14,048							
40	59	92 473	14 449,454	205 730,375	14,238	13,772							
41	60	91 905	13 709,598	191 280,921	13,952	13,486							
42	61	91 267	12 997,024	177 571,323	13,662	13,196							
43	62	90 602	12 317,222	164 574,299	13,361	12,895							
44	63	89 860	11 662,430	152 257,078	13,055	12,589							
45	64	89 071	11 035,804	140 594,648	12,740	12,274							
46	65	88 217	10 434,350	129 558,844	12,417	11,951							
47	66	87 293	9 856,844	119 124,495	12,085	11,619							
48	67	86 307	9 303,660	109 267,651	11,745	11,279							
49	68	85 227	8 770,583	99 963,991	11,398	10,932							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	2 025 928,631	20,374	19,908	50	70	83 141	8 167,985	87 694,425	10,736	10,270
1	21	99 011	94 521,278	1 926 492,799	20,382	19,916	51	71	81 797	7 671,519	79 526,440	10,366	9,900
2	22	98 954	90 183,495	1 831 971,521	20,314	19,848	52	72	80 318	7 191,234	71 854,922	9,992	9,526
3	23	98 913	86 057,677	1 741 788,026	20,240	19,774	53	73	78 659	6 723,352	64 663,687	9,618	9,152
4	24	98 875	82 124,212	1 655 730,349	20,161	19,695	54	74	76 852	6 271,021	57 940,335	9,239	8,773
5	25	98 838	78 371,083	1 573 606,137	20,079	19,613	55	75	74 884	5 833,347	51 669,313	8,858	8,392
6	26	98 805	74 791,936	1 495 235,054	19,992	19,526	56	76	72 711	5 407,187	45 835,967	8,477	8,011
7	27	98 768	71 373,816	1 420 443,118	19,901	19,435	57	77	70 340	4 993,670	40 428,780	8,096	7,630
8	28	98 733	68 113,118	1 349 069,302	19,806	19,340	58	78	67 759	4 592,326	35 435,110	7,716	7,250
9	29	98 698	65 001,317	1 280 956,185	19,707	19,241	59	79	64 926	4 200,799	30 842,784	7,342	6,876
10	30	98 662	62 031,227	1 215 954,867	19,602	19,136	60	80	61 888	3 822,677	26 641,985	6,969	6,503
11	31	98 626	59 196,809	1 153 923,641	19,493	19,027	61	81	58 576	3 454,034	22 819,308	6,607	6,141
12	32	98 585	56 488,550	1 094 726,832	19,380	18,914	62	82	55 051	3 098,964	19 365,274	6,249	5,783
13	33	98 540	53 902,702	1 038 238,282	19,261	18,795	63	83	51 282	2 755,896	16 266,310	5,902	5,436
14	34	98 496	51 435,306	984 335,580	19,137	18,671	64	84	47 321	2 427,715	13 510,414	5,565	5,099
15	35	98 440	49 074,896	932 900,274	19,010	18,544	65	85	43 190	2 115,310	11 082,699	5,239	4,773
16	36	98 378	46 820,224	883 825,379	18,877	18,411	66	86	38 891	1 818,354	8 967,388	4,932	4,466
17	37	98 303	44 663,020	837 005,155	18,740	18,274	67	87	34 546	1 541,986	7 149,034	4,636	4,170
18	38	98 218	42 600,720	792 342,135	18,599	18,133	68	88	30 034	1 279,779	5 607,048	4,381	3,915
19	39	98 105	40 622,380	749 741,415	18,456	17,990	69	89	25 749	1 047,465	4 327,269	4,131	3,665
20	40	97 983	38 731,910	709 119,035	18,308	17,842	70	90	21 672	841,608	3 279,804	3,897	3,431
21	41	97 854	36 927,141	670 387,124	18,154	17,688	71	91	18 025	668,233	2 438,196	3,649	3,183
22	42	97 718	35 203,483	633 459,983	17,994	17,528	72	92	14 519	513,850	1 769,964	3,445	2,979
23	43	97 571	33 556,462	598 256,500	17,828	17,362	73	93	11 432	386,270	1 256,113	3,252	2,786
24	44	97 414	31 983,370	564 700,038	17,656	17,190	74	94	8 777	283,089	869,844	3,073	2,607
25	45	97 248	30 480,952	532 716,668	17,477	17,011	75	95	6 553	201,783	586,754	2,908	2,442
26	46	97 059	29 042,180	502 235,716	17,293	16,827	76	96	4 754	139,764	384,971	2,754	2,288
27	47	96 849	27 665,326	473 193,536	17,104	16,638	77	97	3 345	93,866	245,207	2,612	2,146
28	48	96 620	26 348,292	445 528,210	16,909	16,443	78	98	2 276	60,976	151,342	2,482	2,016
29	49	96 381	25 091,333	419 179,918	16,706	16,240	79	99	1 495	38,245	90,366	2,363	1,897
30	50	96 117	23 888,049	394 088,585	16,497	16,031	80	100	948	23,155	52,121	2,251	1,785
31	51	95 829	22 736,424	370 200,536	16,282	15,816							
32	52	95 519	21 635,304	347 464,112	16,060	15,594							
33	53	95 184	20 581,622	325 828,807	15,831	15,365							
34	54	94 826	19 574,386	305 247,185	15,594	15,128							
35	55	94 447	18 612,175	285 672,799	15,349	14,883							
36	56	94 026	17 688,942	267 060,624	15,098	14,632							
37	57	93 584	16 807,422	249 371,682	14,837	14,371							
38	58	93 106	15 963,282	232 564,260	14,569	14,103							
39	59	92 581	15 153,592	216 600,978	14,294	13,828							
40	60	92 031	14 380,410	201 447,386	14,008	13,542							
41	61	91 403	13 634,635	187 066,976	13,720	13,254							
42	62	90 748	12 923,130	173 432,341	13,420	12,954							
43	63	90 033	12 239,934	160 509,212	13,114	12,648							
44	64	89 261	11 584,657	148 269,278	12,799	12,333							
45	65	88 430	10 956,392	136 684,620	12,475	12,009							
46	66	87 534	10 353,562	125 728,228	12,143	11,677							
47	67	86 575	9 775,823	115 374,666	11,802	11,336							
48	68	85 529	9 219,744	105 598,843	11,454	10,988							
49	69	84 392	8 684,673	96 379,099	11,098	10,632							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	2 020 002,841	20,319	19,853	50	71	82 148	8 070,392	84 067,400	10,417	9,951
1	22	98 990	94 500,847	1 920 587,988	20,324	19,857	51	72	80 706	7 569,158	75 997,008	10,040	9,574
2	23	98 932	90 162,771	1 826 087,141	20,253	19,787	52	73	79 075	7 079,949	68 427,850	9,665	9,199
3	24	98 890	86 038,103	1 735 924,370	20,176	19,710	53	74	77 296	6 606,800	61 347,901	9,286	8,820
4	25	98 853	82 105,541	1 649 886,267	20,095	19,629	54	75	75 367	6 149,840	54 741,101	8,901	8,435
5	26	98 816	78 353,619	1 567 780,726	20,009	19,543	55	76	73 216	5 703,373	48 591,261	8,520	8,054
6	27	98 779	74 771,955	1 489 427,108	19,920	19,454	56	77	70 867	5 270,127	42 887,888	8,138	7,672
7	28	98 743	71 355,392	1 414 655,153	19,825	19,359	57	78	68 303	4 849,082	37 617,761	7,758	7,292
8	29	98 708	68 095,426	1 343 299,761	19,727	19,261	58	79	65 505	4 439,594	32 768,679	7,381	6,915
9	30	98 671	64 983,288	1 275 204,335	19,624	19,158	59	80	62 488	4 043,056	28 329,085	7,007	6,541
10	31	98 635	62 014,203	1 210 221,046	19,515	19,049	60	81	59 204	3 656,875	24 286,029	6,641	6,175
11	32	98 594	59 177,510	1 148 206,844	19,403	18,937	61	82	55 677	3 283,074	20 629,154	6,283	5,817
12	33	98 550	56 468,985	1 089 029,334	19,285	18,819	62	83	51 921	2 922,733	17 346,080	5,935	5,469
13	34	98 504	53 883,200	1 032 560,349	19,163	18,697	63	84	47 951	2 576,875	14 423,347	5,597	5,131
14	35	98 456	51 414,432	978 677,149	19,035	18,569	64	85	43 820	2 248,099	11 846,471	5,270	4,804
15	36	98 398	49 053,982	927 262,716	18,903	18,437	65	86	39 506	1 934,884	9 598,373	4,961	4,495
16	37	98 332	46 798,391	878 208,734	18,766	18,300	66	87	35 132	1 642,613	7 663,489	4,665	4,199
17	38	98 251	44 639,496	831 410,344	18,625	18,159	67	88	30 585	1 365,179	6 020,876	4,410	3,944
18	39	98 160	42 575,604	786 770,847	18,479	18,013	68	89	26 266	1 119,215	4 655,696	4,160	3,694
19	40	98 036	40 593,812	744 195,243	18,333	17,867	69	90	22 150	901,062	3 536,481	3,925	3,459
20	41	97 913	38 704,302	703 601,431	18,179	17,713	70	91	18 460	716,884	2 635,419	3,676	3,210
21	42	97 773	36 896,456	664 897,129	18,021	17,555	71	92	14 904	552,532	1 918,534	3,472	3,006
22	43	97 626	35 170,183	628 000,674	17,856	17,390	72	93	11 775	416,741	1 366,002	3,278	2,812
23	44	97 468	33 521,042	592 830,491	17,685	17,219	73	94	9 067	306,357	949,261	3,099	2,633
24	45	97 304	31 947,202	559 309,449	17,507	17,041	74	95	6 798	219,283	642,904	2,932	2,466
25	46	97 116	30 439,724	527 362,247	17,325	16,859	75	96	4 951	152,458	423,621	2,779	2,313
26	47	96 908	28 997,138	496 922,523	17,137	16,671	76	97	3 499	102,867	271,163	2,636	2,170
27	48	96 681	27 617,315	467 925,384	16,943	16,477	77	98	2 395	67,212	168,296	2,504	2,038
28	49	96 441	26 299,469	440 308,069	16,742	16,276	78	99	1 583	42,422	101,084	2,383	1,917
29	50	96 179	25 038,840	414 008,600	16,535	16,069	79	100	1 010	25,819	58,662	2,272	1,806
30	51	95 893	23 832,236	388 969,759	16,321	15,855							
31	52	95 590	22 679,792	365 137,524	16,100	15,634							
32	53	95 255	21 575,357	342 457,731	15,873	15,407							
33	54	94 894	20 519,071	320 882,375	15,638	15,172							
34	55	94 523	19 512,019	300 363,304	15,394	14,928							
35	56	94 107	18 545,217	280 851,285	15,144	14,678							
36	57	93 669	17 621,849	262 306,067	14,885	14,419							
37	58	93 198	16 738,070	244 684,218	14,618	14,152							
38	59	92 681	15 890,496	227 946,148	14,345	13,879							
39	60	92 139	15 081,182	212 055,653	14,061	13,595							
40	61	91 527	14 301,779	196 974,470	13,773	13,307							
41	62	90 883	13 557,116	182 672,691	13,474	13,008							
42	63	90 179	12 842,040	169 115,575	13,169	12,703							
43	64	89 433	12 158,310	156 273,535	12,853	12,387							
44	65	88 618	11 501,296	144 115,225	12,530	12,064							
45	66	87 745	10 871,563	132 613,929	12,198	11,732							
46	67	86 814	10 268,459	121 742,366	11,856	11,390							
47	68	85 794	9 687,649	111 473,907	11,507	11,041							
48	69	84 691	9 129,435	101 786,259	11,149	10,683							
49	70	83 466	8 589,423	92 656,823	10,787	10,321							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	2 013 759,185	20,260	19,794	50	72	81 052	7 962,709	80 315,270	10,086	9,620
1	23	98 967	94 479,131	1 914 365,820	20,262	19,796	51	73	79 457	7 452,024	72 352,561	9,709	9,243
2	24	98 909	90 142,263	1 819 886,689	20,189	19,723	52	74	77 704	6 957,215	64 900,537	9,329	8,863
3	25	98 868	86 018,542	1 729 744,425	20,109	19,643	53	75	75 802	6 479,130	57 943,322	8,943	8,477
4	26	98 831	82 087,244	1 643 725,884	20,024	19,558	54	76	73 688	6 012,814	51 464,192	8,559	8,093
5	27	98 790	78 332,686	1 561 638,640	19,936	19,470	55	77	71 360	5 558,806	45 451,378	8,176	7,710
6	28	98 753	74 752,654	1 483 305,954	19,843	19,377	56	78	68 816	5 117,534	39 892,572	7,795	7,329
7	29	98 717	71 336,858	1 408 553,300	19,745	19,279	57	79	66 031	4 687,810	34 775,038	7,418	6,952
8	30	98 680	68 076,539	1 337 216,442	19,643	19,177	58	80	63 046	4 272,884	30 087,228	7,041	6,575
9	31	98 644	64 965,454	1 269 139,902	19,536	19,070	59	81	59 778	3 867,696	25 814,343	6,674	6,208
10	32	98 603	61 993,984	1 204 174,448	19,424	18,958	60	82	56 274	3 475,875	21 946,647	6,314	5,848
11	33	98 560	59 157,014	1 142 180,464	19,308	18,842	61	83	52 511	3 096,373	18 470,772	5,965	5,499
12	34	98 515	56 448,555	1 083 023,450	19,186	18,720	62	84	48 548	2 732,875	15 374,399	5,626	5,160
13	35	98 464	53 861,333	1 026 574,895	19,060	18,594	63	85	44 403	2 386,223	12 641,524	5,298	4,832
14	36	98 414	51 392,522	972 713,561	18,927	18,461	64	86	40 082	2 056,346	10 255,301	4,987	4,521
15	37	98 352	49 031,107	921 321,039	18,791	18,325	65	87	35 688	1 747,880	8 198,955	4,691	4,225
16	38	98 280	46 773,742	872 289,932	18,649	18,183	66	88	31 104	1 454,269	6 451,074	4,436	3,970
17	39	98 193	44 613,178	825 516,190	18,504	18,038	67	89	26 748	1 193,901	4 996,806	4,185	3,719
18	40	98 091	42 545,662	780 903,012	18,354	17,888	68	90	22 595	962,784	3 802,905	3,950	3,484
19	41	97 966	40 564,877	738 357,350	18,202	17,736	69	91	18 868	767,528	2 840,121	3,700	3,234
20	42	97 832	38 672,140	697 792,473	18,044	17,578	70	92	15 264	592,760	2 072,593	3,497	3,031
21	43	97 681	36 861,553	659 120,333	17,881	17,415	71	93	12 087	448,113	1 479,833	3,302	2,836
22	44	97 522	35 133,059	622 258,779	17,711	17,245	72	94	9 339	330,524	1 031,720	3,121	2,655
23	45	97 357	33 483,135	587 125,721	17,535	17,069	73	95	7 024	237,307	701,196	2,955	2,489
24	46	97 172	31 903,992	553 642,585	17,353	16,887	74	96	5 137	165,680	463,889	2,800	2,334
25	47	96 966	30 392,515	521 738,594	17,167	16,701	75	97	3 644	112,210	298,209	2,658	2,192
26	48	96 740	28 946,816	491 346,079	16,974	16,508	76	98	2 506	73,658	185,999	2,525	2,059
27	49	96 502	27 566,141	462 399,263	16,774	16,308	77	99	1 666	46,761	112,341	2,402	1,936
28	50	96 239	26 244,449	434 833,121	16,569	16,103	78	100	1 069	28,639	65,580	2,290	1,824
29	51	95 954	24 980,338	408 588,672	16,356	15,890							
30	52	95 654	23 772,875	383 608,334	16,136	15,670							
31	53	95 325	22 616,950	359 835,459	15,910	15,444							
32	54	94 965	21 509,785	337 218,509	15,677	15,211							
33	55	94 592	20 453,694	315 708,724	15,435	14,969							
34	56	94 183	19 441,824	295 255,030	15,187	14,721							
35	57	93 750	18 474,877	275 813,206	14,929	14,463							
36	58	93 283	17 549,137	257 338,329	14,664	14,198							
37	59	92 773	16 661,750	239 789,192	14,392	13,926							
38	60	92 238	15 814,565	223 127,442	14,109	13,643							
39	61	91 635	14 998,720	207 312,877	13,822	13,356							
40	62	91 007	14 220,467	192 314,156	13,524	13,058							
41	63	90 313	13 472,048	178 093,689	13,219	12,753							
42	64	89 577	12 756,401	164 621,641	12,905	12,439							
43	65	88 789	12 070,821	151 865,240	12,581	12,115							
44	66	87 932	11 412,248	139 794,419	12,250	11,783							
45	67	87 024	10 782,201	128 382,171	11,907	11,441							
46	68	86 031	10 175,841	117 599,970	11,557	11,091							
47	69	84 954	9 592,757	107 424,129	11,198	10,732							
48	70	83 762	9 029,307	97 831,372	10,835	10,369							
49	71	82 469	8 486,795	88 802,065	10,464	9,998							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	2 007 184,521	20,199	19,733	50	73	79 797	7 839,485	76 444,368	9,751	9,285
1	24	98 944	94 457,642	1 907 813,996	20,198	19,732	51	74	78 079	7 322,840	68 604,884	9,369	8,903
2	25	98 887	90 121,769	1 813 356,355	20,121	19,655	52	75	76 203	6 822,774	61 282,044	8,982	8,516
3	26	98 846	85 999,373	1 723 234,586	20,038	19,572	53	76	74 113	6 334,768	54 459,270	8,597	8,131
4	27	98 804	82 065,314	1 637 235,213	19,950	19,484	54	77	71 820	5 860,403	48 124,502	8,212	7,746
5	28	98 765	78 312,466	1 555 169,899	19,859	19,393	55	78	69 294	5 397,854	42 264,099	7,830	7,364
6	29	98 727	74 733,238	1 476 857,433	19,762	19,296	56	79	66 527	4 947,335	36 866,245	7,452	6,986
7	30	98 690	71 317,072	1 402 124,195	19,660	19,194	57	80	63 552	4 511,780	31 918,910	7,075	6,609
8	31	98 653	68 057,856	1 330 807,123	19,554	19,088	58	81	60 311	4 087,556	27 407,130	6,705	6,239
9	32	98 611	64 944,274	1 262 749,266	19,444	18,978	59	82	56 819	3 676,261	23 319,574	6,343	5,877
10	33	98 569	61 972,513	1 197 804,992	19,328	18,862	60	83	53 074	3 278,210	19 643,313	5,992	5,526
11	34	98 524	59 135,611	1 135 832,479	19,207	18,741	61	84	49 100	2 895,235	16 365,103	5,652	5,186
12	35	98 475	56 425,647	1 076 696,868	19,082	18,616	62	85	44 956	2 530,681	13 469,868	5,323	4,857
13	36	98 423	53 838,380	1 020 271,221	18,951	18,485	63	86	40 616	2 182,689	10 939,187	5,012	4,546
14	37	98 368	51 368,557	966 432,841	18,814	18,348	64	87	36 209	1 857,603	8 756,497	4,714	4,248
15	38	98 300	49 005,283	915 064,284	18,673	18,207	65	88	31 596	1 547,466	6 898,894	4,458	3,992
16	39	98 222	46 746,165	866 059,001	18,527	18,061	66	89	27 201	1 271,813	5 351,428	4,208	3,742
17	40	98 124	44 581,803	819 312,836	18,378	17,912	67	90	23 009	1 027,031	4 079,615	3,972	3,506
18	41	98 021	42 515,336	774 731,032	18,222	17,756	68	91	19 246	820,103	3 052,584	3,722	3,256
19	42	97 885	40 531,169	732 215,696	18,065	17,599	69	92	15 601	634,635	2 232,482	3,518	3,052
20	43	97 739	38 635,558	691 684,528	17,903	17,437	70	93	12 379	480,738	1 597,847	3,324	2,858
21	44	97 577	36 822,644	653 048,970	17,735	17,269	71	94	9 587	355,406	1 117,108	3,143	2,677
22	45	97 412	35 093,330	616 226,326	17,560	17,094	72	95	7 234	256,027	761,703	2,975	2,509
23	46	97 226	33 437,847	581 132,996	17,379	16,913	73	96	5 307	179,298	505,676	2,820	2,354
24	47	97 021	31 854,511	547 695,149	17,194	16,728	74	97	3 781	121,942	326,378	2,677	2,210
25	48	96 797	30 339,771	515 840,637	17,002	16,536	75	98	2 609	80,348	204,436	2,544	2,078
26	49	96 561	28 893,179	485 500,866	16,803	16,337	76	99	1 743	51,245	124,088	2,421	1,955
27	50	96 300	27 508,471	456 607,687	16,599	16,133	77	100	1 125	31,568	72,843	2,308	1,841
28	51	96 014	26 183,130	429 099,216	16,388	15,922							
29	52	95 715	24 918,117	402 916,087	16,170	15,704							
30	53	95 389	23 707,004	377 997,969	15,945	15,479							
31	54	95 036	22 548,213	354 290,965	15,713	15,247							
32	55	94 663	21 441,252	331 742,752	15,472	15,006							
33	56	94 252	20 380,111	310 301,500	15,226	14,760							
34	57	93 826	19 368,083	289 921,389	14,969	14,503							
35	58	93 363	18 398,645	270 553,306	14,705	14,239							
36	59	92 857	17 469,119	252 154,661	14,434	13,968							
37	60	92 329	16 582,135	234 685,542	14,153	13,687							
38	61	91 734	15 728,093	218 103,408	13,867	13,401							
39	62	91 114	14 913,446	202 375,315	13,570	13,104							
40	63	90 436	14 131,237	187 461,869	13,266	12,800							
41	64	89 710	13 382,208	173 330,633	12,952	12,486							
42	65	88 933	12 664,608	159 948,425	12,630	12,164							
43	66	88 102	11 977,364	147 283,816	12,297	11,831							
44	67	87 210	11 318,442	135 306,453	11,955	11,489							
45	68	86 239	10 684,950	123 988,010	11,604	11,138							
46	69	85 188	10 076,167	113 303,060	11,245	10,779							
47	70	84 022	9 487,547	103 226,893	10,880	10,414							
48	71	82 761	8 921,423	93 739,347	10,507	10,041							
49	72	81 369	8 373,555	84 817,924	10,129	9,663							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	2 000 265,978	20,134	19,668	50	74	78 414	7 703,584	72 467,093	9,407	8,941
1	25	98 922	94 436,166	1 900 918,056	20,129	19,663	51	75	76 570	7 181,333	64 763,508	9,018	8,552
2	26	98 865	90 101,686	1 806 481,890	20,049	19,583	52	76	74 505	6 670,754	57 582,175	8,632	8,166
3	27	98 819	85 976,398	1 716 380,203	19,963	19,497	53	77	72 234	6 174,196	50 911,421	8,246	7,780
4	28	98 779	82 044,130	1 630 403,806	19,872	19,406	54	78	69 740	5 690,719	44 737,225	7,861	7,395
5	29	98 739	78 292,125	1 548 359,676	19,777	19,311	55	79	66 989	5 218,332	39 046,506	7,483	7,017
6	30	98 700	74 712,510	1 470 067,550	19,676	19,210	56	80	64 029	4 761,559	33 828,174	7,104	6,638
7	31	98 663	71 297,500	1 395 355,040	19,571	19,105	57	81	60 795	4 316,090	29 066,615	6,734	6,268
8	32	98 621	68 035,668	1 324 057,540	19,461	18,995	58	82	57 326	3 885,239	24 750,525	6,370	5,904
9	33	98 577	64 921,781	1 256 021,873	19,347	18,881	59	83	53 588	3 467,200	20 865,286	6,018	5,552
10	34	98 533	61 950,092	1 191 100,092	19,227	18,761	60	84	49 626	3 065,260	17 398,085	5,676	5,210
11	35	98 484	59 111,613	1 129 150,000	19,102	18,636	61	85	45 467	2 681,029	14 332,825	5,346	4,880
12	36	98 433	56 401,601	1 070 038,387	18,972	18,506	62	86	41 121	2 314,826	11 651,796	5,034	4,568
13	37	98 377	53 813,274	1 013 636,786	18,836	18,370	63	87	36 690	1 971,736	9 336,971	4,735	4,269
14	38	98 316	51 341,501	959 823,511	18,695	18,229	64	88	32 057	1 644,608	7 365,235	4,478	4,012
15	39	98 242	48 976,391	908 482,010	18,549	18,083	65	89	27 632	1 353,317	5 720,627	4,227	3,761
16	40	98 153	46 713,291	859 505,620	18,400	17,934	66	90	23 399	1 094,053	4 367,310	3,992	3,526
17	41	98 054	44 550,026	812 792,329	18,244	17,778	67	91	19 599	874,829	3 273,257	3,742	3,276
18	42	97 939	42 480,007	768 242,303	18,085	17,619	68	92	15 914	678,107	2 398,428	3,537	3,071
19	43	97 792	40 492,828	725 762,297	17,923	17,457	69	93	12 653	514,700	1 720,321	3,342	2,876
20	44	97 636	38 594,776	685 269,468	17,755	17,289	70	94	9 818	381,282	1 205,622	3,162	2,696
21	45	97 467	36 781,004	646 674,692	17,582	17,116	71	95	7 426	275,300	824,340	2,994	2,528
22	46	97 280	35 045,864	609 893,688	17,403	16,937	72	96	5 466	193,442	549,040	2,838	2,372
23	47	97 075	33 385,988	574 847,824	17,218	16,752	73	97	3 906	131,965	355,598	2,695	2,229
24	48	96 853	31 799,230	541 461,836	17,028	16,562	74	98	2 707	87,316	223,634	2,561	2,095
25	49	96 618	30 283,553	509 662,606	16,830	16,364	75	99	1 815	55,899	136,318	2,439	1,973
26	50	96 359	28 832,732	479 379,053	16,626	16,160	76	100	1 177	34,595	80,418	2,325	1,859
27	51	96 075	27 444,199	450 546,321	16,417	15,951							
28	52	95 775	26 117,913	423 102,122	16,200	15,734							
29	53	95 450	24 849,073	396 984,209	15,976	15,510							
30	54	95 099	23 634,954	372 135,136	15,745	15,279							
31	55	94 733	22 476,371	348 500,182	15,505	15,039							
32	56	94 322	21 364,116	326 023,810	15,260	14,794							
33	57	93 894	20 302,812	304 659,694	15,006	14,540							
34	58	93 439	19 288,165	284 356,883	14,743	14,277							
35	59	92 938	18 314,754	265 068,718	14,473	14,007							
36	60	92 414	17 385,645	246 753,964	14,193	13,727							
37	61	91 824	16 491,465	229 368,319	13,908	13,442							
38	62	91 212	15 638,671	212 876,853	13,612	13,146							
39	63	90 542	14 819,867	197 238,182	13,309	12,843							
40	64	89 833	14 037,001	182 418,315	12,996	12,530							
41	65	89 065	13 285,912	168 381,314	12,674	12,208							
42	66	88 244	12 566,553	155 095,402	12,342	11,876							
43	67	87 378	11 878,913	142 528,849	11,998	11,532							
44	68	86 423	11 216,354	130 649,936	11,648	11,182							
45	69	85 394	10 580,289	119 433,582	11,288	10,822							
46	70	84 254	9 965,655	108 853,293	10,923	10,457							
47	71	83 018	9 374,187	98 887,638	10,549	10,083							
48	72	81 657	8 802,384	89 513,450	10,169	9,703							
49	73	80 110	8 243,973	80 711,066	9,790	9,324							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 992 988,409	20,065	19,599	50	75	76 899	7 554,719	68 393,466	9,053	8,587
1	26	98 900	94 415,122	1 893 663,074	20,057	19,591	51	76	74 864	7 021,325	60 838,747	8,665	8,199
2	27	98 838	90 077,615	1 799 247,952	19,974	19,508	52	77	72 616	6 501,666	53 817,422	8,277	7,811
3	28	98 794	85 954,204	1 709 170,337	19,885	19,419	53	78	70 143	5 995,426	47 315,756	7,892	7,426
4	29	98 753	82 022,820	1 623 216,133	19,790	19,324	54	79	67 421	5 501,457	41 320,330	7,511	7,045
5	30	98 712	78 270,410	1 541 193,312	19,691	19,225	55	80	64 474	5 022,380	35 818,873	7,132	6,666
6	31	98 673	74 692,006	1 462 922,902	19,586	19,120	56	81	61 252	4 555,035	30 796,492	6,761	6,295
7	32	98 630	71 274,255	1 388 230,896	19,477	19,011	57	82	57 786	4 102,462	26 241,457	6,397	5,931
8	33	98 587	68 012,104	1 316 956,641	19,364	18,898	58	83	54 066	3 664,294	22 138,995	6,042	5,576
9	34	98 542	64 898,293	1 248 944,537	19,245	18,779	59	84	50 107	3 241,974	18 474,701	5,699	5,233
10	35	98 493	61 924,951	1 184 046,244	19,121	18,655	60	85	45 954	2 838,475	15 232,727	5,367	4,901
11	36	98 442	59 086,422	1 122 121,293	18,991	18,525	61	86	41 589	2 452,349	12 394,253	5,054	4,588
12	37	98 387	56 375,300	1 063 034,871	18,856	18,390	62	87	37 147	2 091,101	9 941,903	4,754	4,288
13	38	98 325	53 784,931	1 006 659,571	18,716	18,250	63	88	32 483	1 745,653	7 850,802	4,497	4,031
14	39	98 258	51 311,231	952 874,639	18,570	18,104	64	89	28 035	1 438,272	6 105,149	4,245	3,779
15	40	98 173	48 941,948	901 563,408	18,421	17,955	65	90	23 770	1 164,166	4 666,877	4,009	3,543
16	41	98 083	46 679,994	852 621,460	18,265	17,799	66	91	19 932	931,918	3 502,711	3,759	3,293
17	42	97 973	44 513,006	805 941,467	18,106	17,640	67	92	16 206	723,357	2 570,793	3,554	3,088
18	43	97 847	42 439,823	761 428,461	17,941	17,475	68	93	12 906	549,956	1 847,436	3,359	2,893
19	44	97 689	40 450,086	718 988,638	17,775	17,309	69	94	10 035	408,217	1 297,480	3,178	2,712
20	45	97 525	38 551,132	678 538,552	17,601	17,135	70	95	7 605	295,344	889,263	3,011	2,545
21	46	97 335	36 731,256	639 987,420	17,424	16,958	71	96	5 611	208,004	593,919	2,855	2,389
22	47	97 130	34 991,511	603 256,164	17,240	16,774	72	97	4 023	142,375	385,916	2,711	2,245
23	48	96 906	33 328,049	568 264,653	17,051	16,585	73	98	2 797	94,493	243,541	2,577	2,111
24	49	96 674	31 740,308	534 936,604	16,854	16,388	74	99	1 883	60,747	149,048	2,454	1,988
25	50	96 416	30 220,197	503 196,296	16,651	16,185	75	100	1 226	37,737	88,301	2,340	1,874
26	51	96 133	28 765,366	472 976,099	16,443	15,977							
27	52	95 835	27 375,841	444 210,733	16,226	15,760							
28	53	95 509	26 045,545	416 834,893	16,004	15,538							
29	54	95 160	24 773,552	390 789,348	15,774	15,308							
30	55	94 796	23 559,650	366 015,795	15,536	15,070							
31	56	94 392	22 395,512	342 456,146	15,291	14,825							
32	57	93 964	21 283,084	320 060,634	15,038	14,572							
33	58	93 507	20 219,037	298 777,550	14,777	14,311							
34	59	93 013	19 200,218	278 558,513	14,508	14,042							
35	60	92 494	18 227,239	259 358,296	14,229	13,763							
36	61	91 908	17 290,583	241 131,056	13,946	13,480							
37	62	91 302	16 397,704	223 840,474	13,651	13,185							
38	63	90 640	15 540,542	207 442,770	13,348	12,882							
39	64	89 939	14 721,039	191 902,228	13,036	12,570							
40	65	89 187	13 935,993	177 181,189	12,714	12,248							
41	66	88 375	13 183,047	163 245,196	12,383	11,917							
42	67	87 519	12 463,259	150 062,149	12,040	11,574							
43	68	86 589	11 771,769	137 598,890	11,689	11,223							
44	69	85 576	11 106,488	125 827,121	11,329	10,863							
45	70	84 458	10 464,248	114 720,632	10,963	10,497							
46	71	83 247	9 846,583	104 256,384	10,588	10,122							
47	72	81 910	9 249,108	94 409,801	10,207	9,741							
48	73	80 393	8 666,166	85 160,693	9,827	9,361							
49	74	78 721	8 101,061	76 494,527	9,443	8,977							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	9 155,992	134 434,955	14,683	14,217
1	0	99 594	95 077,622	1 995 536,913	20,989	20,522	51	50	92 606	8 685,256	125 278,963	14,424	13,958
2	1	99 240	90 443,606	1 900 459,291	21,013	20,547	52	51	91 946	8 232,327	116 593,707	14,163	13,697
3	2	99 192	86 301,180	1 810 015,686	20,973	20,507	53	52	91 234	7 798,216	108 361,380	13,896	13,430
4	3	99 162	82 362,041	1 723 714,506	20,929	20,462	54	53	90 460	7 381,376	100 563,164	13,624	13,158
5	4	99 133	78 604,645	1 641 352,465	20,881	20,415	55	54	89 607	6 980,225	93 181,788	13,349	12,883
6	5	99 110	75 022,559	1 562 747,820	20,830	20,364	56	55	88 705	6 596,644	86 201,563	13,067	12,601
7	6	99 090	71 606,553	1 487 725,261	20,776	20,310	57	56	87 728	6 228,115	79 604,918	12,782	12,316
8	7	99 073	68 347,386	1 416 118,708	20,719	20,253	58	57	86 699	5 875,968	73 376,803	12,488	12,022
9	8	99 055	65 236,378	1 347 771,322	20,660	20,194	59	58	85 578	5 536,972	67 500,835	12,191	11,725
10	9	99 040	62 268,951	1 282 534,945	20,597	20,131	60	59	84 370	5 211,292	61 963,862	11,890	11,424
11	10	99 025	59 436,210	1 220 265,994	20,531	20,065	61	60	83 076	4 898,710	56 752,570	11,585	11,119
12	11	99 008	56 730,924	1 160 829,784	20,462	19,996	62	61	81 693	4 598,715	51 853,860	11,276	10,810
13	12	98 989	54 148,436	1 104 098,860	20,390	19,924	63	62	80 230	4 311,555	47 255,146	10,960	10,494
14	13	98 973	51 684,530	1 049 950,423	20,315	19,849	64	63	78 680	4 036,496	42 943,591	10,639	10,173
15	14	98 947	49 327,850	998 265,893	20,237	19,771	65	64	77 032	3 772,744	38 907,095	10,313	9,847
16	15	98 915	47 075,792	948 938,043	20,158	19,692	66	65	75 285	3 520,016	35 134,351	9,981	9,515
17	16	98 872	44 921,674	901 862,251	20,076	19,610	67	66	73 457	3 278,794	31 614,335	9,642	9,176
18	17	98 823	42 863,118	856 940,578	19,992	19,526	68	67	71 540	3 048,419	28 335,541	9,295	8,829
19	18	98 750	40 889,525	814 077,460	19,909	19,443	69	68	69 501	2 827,261	25 287,122	8,944	8,478
20	19	98 675	39 005,538	773 187,935	19,823	19,357	70	69	67 333	2 614,844	22 459,861	8,589	8,123
21	20	98 595	37 206,542	734 182,397	19,733	19,267	71	70	65 024	2 410,654	19 845,018	8,232	7,766
22	21	98 518	35 491,852	696 975,855	19,638	19,172	72	71	62 587	2 215,102	17 434,364	7,871	7,405
23	22	98 442	33 856,052	661 484,004	19,538	19,072	73	72	59 955	2 025,743	15 219,262	7,513	7,047
24	23	98 365	32 295,590	627 627,951	19,434	18,968	74	73	57 135	1 842,919	13 193,520	7,159	6,693
25	24	98 286	30 806,341	595 332,361	19,325	18,859	75	74	54 118	1 666,448	11 350,601	6,811	6,345
26	25	98 205	29 385,282	564 526,020	19,211	18,745	76	75	50 964	1 498,171	9 684,153	6,464	5,998
27	26	98 123	28 029,396	535 140,738	19,092	18,626	77	76	47 628	1 336,612	8 185,983	6,124	5,658
28	27	98 035	26 734,293	507 111,342	18,969	18,503	78	77	44 114	1 181,851	6 849,370	5,795	5,329
29	28	97 949	25 499,598	480 377,050	18,839	18,373	79	78	40 454	1 034,638	5 667,519	5,478	5,012
30	29	97 861	24 321,312	454 877,452	18,703	18,237	80	79	36 739	897,022	4 632,882	5,165	4,699
31	30	97 768	23 196,576	430 556,140	18,561	18,095	81	80	32 958	768,223	3 735,860	4,863	4,397
32	31	97 669	22 122,216	407 359,564	18,414	17,948	82	81	29 168	649,055	2 967,637	4,572	4,106
33	32	97 564	21 096,414	385 237,348	18,261	17,795	83	82	25 442	540,458	2 318,582	4,290	3,824
34	33	97 460	20 118,178	364 140,934	18,100	17,634	84	83	21 828	442,671	1 778,124	4,017	3,551
35	34	97 346	19 183,437	344 022,756	17,933	17,467	85	84	18 364	355,521	1 335,453	3,756	3,290
36	35	97 222	18 290,267	324 839,319	17,760	17,294	86	85	15 087	278,837	979,932	3,514	3,048
37	36	97 092	17 437,514	306 549,052	17,580	17,114	87	86	12 066	212,899	701,095	3,293	2,827
38	37	96 951	16 622,595	289 111,539	17,393	16,927	88	87	9 354	157,552	488,196	3,099	2,633
39	38	96 796	15 843,391	272 488,944	17,199	16,733	89	88	7 032	113,075	330,644	2,924	2,458
40	39	96 625	15 098,294	256 645,553	16,998	16,532	90	89	5 139	78,890	217,569	2,758	2,292
41	40	96 425	14 383,872	241 547,258	16,793	16,327	91	90	3 670	53,784	138,679	2,578	2,112
42	41	96 213	13 701,450	227 163,386	16,580	16,114	92	91	2 519	35,242	84,895	2,409	1,943
43	42	95 978	13 048,198	213 461,936	16,359	15,893	93	92	1 630	21,775	49,653	2,280	1,814
44	43	95 703	12 420,798	200 413,738	16,135	15,669	94	93	1 013	12,911	27,877	2,159	1,693
45	44	95 399	11 819,840	187 992,939	15,905	15,439	95	94	600	7,303	14,966	2,049	1,583
46	45	95 061	11 243,928	176 173,099	15,668	15,202	96	95	338	3,931	7,663	1,950	1,484
47	46	94 671	10 690,015	164 929,171	15,428	14,962	97	96	181	2,008	3,732	1,859	1,393
48	47	94 232	10 157,919	154 239,156	15,184	14,718	98	97	92	0,971	1,725	1,777	1,311
49	48	93 736	9 646,282	144 081,237	14,936	14,470	99	98	44	0,443	0,754	1,702	1,236
							100	99	20	0,190	0,311	1,635	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	9 172,990	135 458,087	14,767	14,301
1							51	49	92 800	8 703,464	126 285,097	14,510	14,044
2	0	99 558	90 733,919	1 902 166,223	20,964	20,498	52	50	92 161	8 251,607	117 581,633	14,250	13,784
3	1	99 221	86 325,725	1 811 432,304	20,984	20,518	53	51	91 462	7 817,688	109 330,026	13,985	13,519
4	2	99 178	82 375,321	1 725 106,579	20,942	20,476	54	52	90 711	7 401,885	101 512,338	13,714	13,248
5	3	99 147	78 615,917	1 642 731,257	20,896	20,430	55	53	89 880	7 001,504	94 110,453	13,441	12,975
6	4	99 122	75 031,551	1 564 115,340	20,846	20,380	56	54	88 989	6 617,730	87 108,949	13,163	12,697
7	5	99 099	71 613,031	1 489 083,789	20,793	20,327	57	55	88 044	6 250,602	80 491,219	12,877	12,411
8	6	99 081	68 352,866	1 417 470,758	20,738	20,272	58	56	87 029	5 898,340	74 240,618	12,587	12,121
9	7	99 063	65 241,828	1 349 117,892	20,679	20,213	59	57	85 932	5 559,914	68 342,277	12,292	11,826
10	8	99 046	62 272,819	1 283 876,064	20,617	20,151	60	58	84 756	5 235,162	62 782,363	11,992	11,526
11	9	99 031	59 439,984	1 221 603,245	20,552	20,086	61	59	83 475	4 922,230	57 547,201	11,691	11,225
12	10	99 016	56 735,495	1 162 163,261	20,484	20,018	62	60	82 142	4 623,998	52 624,971	11,381	10,915
13	11	98 997	54 152,737	1 105 427,766	20,413	19,947	63	61	80 689	4 336,208	48 000,973	11,070	10,604
14	12	98 981	51 688,492	1 051 275,029	20,339	19,873	64	62	79 176	4 061,984	43 664,764	10,750	10,284
15	13	98 957	49 332,703	999 586,537	20,262	19,796	65	63	77 549	3 798,072	39 602,780	10,427	9,961
16	14	98 927	47 081,620	950 253,834	20,183	19,717	66	64	75 831	3 545,529	35 804,708	10,099	9,633
17	15	98 886	44 927,764	903 172,214	20,103	19,637	67	65	74 030	3 304,378	32 259,180	9,763	9,297
18	16	98 839	42 870,010	858 244,450	20,020	19,554	68	66	72 133	3 073,684	28 954,802	9,420	8,954
19	17	98 768	40 896,704	815 374,440	19,937	19,471	69	67	70 134	2 852,994	25 881,117	9,072	8,606
20	18	98 697	39 014,060	774 477,736	19,851	19,385	70	68	67 999	2 640,710	23 028,124	8,720	8,254
21	19	98 616	37 214,545	735 463,676	19,763	19,297	71	69	65 745	2 437,386	20 387,414	8,364	7,898
22	20	98 539	35 499,342	698 249,131	19,669	19,203	72	70	63 344	2 241,888	17 950,028	8,007	7,541
23	21	98 463	33 863,372	662 749,789	19,571	19,105	73	71	60 766	2 053,138	15 708,139	7,651	7,185
24	22	98 387	32 303,013	628 886,418	19,468	19,002	74	72	58 033	1 871,886	13 655,002	7,295	6,829
25	23	98 308	30 813,350	596 583,405	19,361	18,895	75	73	55 073	1 695,846	11 783,116	6,948	6,482
26	24	98 228	29 391,965	565 770,055	19,249	18,783	76	74	51 969	1 527,692	10 087,270	6,603	6,137
27	25	98 145	28 035,643	536 378,090	19,132	18,666	77	75	48 714	1 367,072	8 559,578	6,261	5,795
28	26	98 061	26 741,437	508 342,447	19,010	18,544	78	76	45 261	1 212,588	7 192,506	5,932	5,466
29	27	97 974	25 506,182	481 601,010	18,882	18,416	79	77	41 660	1 065,488	5 979,918	5,612	5,146
30	28	97 886	24 327,630	456 094,828	18,748	18,282	80	78	38 003	927,881	4 914,430	5,296	4,830
31	29	97 796	23 203,012	431 767,198	18,608	18,142	81	79	34 244	798,196	3 986,549	4,994	4,528
32	30	97 696	22 128,289	408 564,186	18,463	17,997	82	80	30 491	678,482	3 188,353	4,699	4,233
33	31	97 596	21 103,294	386 435,897	18,312	17,846	83	81	26 767	568,602	2 509,870	4,414	3,948
34	32	97 494	20 125,148	365 332,603	18,153	17,687	84	82	23 144	469,363	1 941,269	4,136	3,670
35	33	97 381	19 190,380	345 207,455	17,989	17,523	85	83	19 639	380,219	1 471,906	3,871	3,405
36	34	97 262	18 297,693	326 017,076	17,817	17,351	86	84	16 292	301,116	1 091,687	3,625	3,159
37	35	97 133	17 444,948	307 719,383	17,639	17,173	87	85	13 191	232,751	790,571	3,397	2,931
38	36	96 996	16 630,350	290 274,435	17,454	16,988	88	86	10 354	174,408	557,820	3,198	2,732
39	37	96 847	15 851,740	273 644,085	17,263	16,797	89	87	7 943	127,720	383,412	3,002	2,536
40	38	96 682	15 107,201	257 792,345	17,064	16,598	90	88	5 876	90,208	255,692	2,834	2,368
41	39	96 493	14 393,995	242 685,143	16,860	16,394	91	89	4 266	62,523	165,484	2,647	2,181
42	40	96 282	13 711,223	228 291,149	16,650	16,184	92	90	2 957	41,374	102,961	2,489	2,023
43	41	96 058	13 059,050	214 579,925	16,432	15,966	93	91	1 972	26,335	61,588	2,339	1,873
44	42	95 794	12 432,559	201 520,875	16,209	15,743	94	92	1 249	15,920	35,252	2,214	1,748
45	43	95 500	11 832,330	189 088,316	15,981	15,515	95	93	756	9,208	19,333	2,100	1,634
46	44	95 169	11 256,657	177 255,986	15,747	15,281	96	94	437	5,074	10,125	1,995	1,529
47	45	94 799	10 704,494	165 999,329	15,507	15,041	97	95	240	2,657	5,050	1,901	1,435
48	46	94 378	10 173,697	155 294,835	15,264	14,798	98	96	125	1,319	2,393	1,815	1,349
49	47	93 899	9 663,052	145 121,138	15,018	14,552	99	97	61	0,619	1,074	1,737	1,271
							100	98	28	0,274	0,456	1,666	1,200

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	9 188,936	136 402,821	14,844	14,378
1							51	48	92 972	8 719,621	127 213,885	14,589	14,123
2							52	49	92 354	8 268,906	118 494,264	14,330	13,864
3	0	99 539	86 602,821	1 813 013,401	20,935	20,469	53	50	91 676	7 835,997	110 225,358	14,067	13,601
4	1	99 206	82 398,750	1 726 410,581	20,952	20,486	54	51	90 938	7 420,368	102 389,361	13,798	13,332
5	2	99 163	78 628,594	1 644 011,831	20,909	20,443	55	52	90 130	7 020,958	94 968,993	13,527	13,060
6	3	99 136	75 042,311	1 565 383,237	20,860	20,394	56	53	89 260	6 637,903	87 948,036	13,249	12,783
7	4	99 111	71 621,614	1 490 340,926	20,809	20,343	57	54	88 326	6 270,581	81 310,132	12,967	12,501
8	5	99 090	68 359,050	1 418 719,312	20,754	20,288	58	55	87 343	5 919,636	75 039,552	12,676	12,210
9	6	99 071	65 247,059	1 350 360,262	20,696	20,230	59	56	86 259	5 581,083	69 119,915	12,385	11,919
10	7	99 055	62 278,021	1 285 113,202	20,635	20,169	60	57	85 107	5 256,854	63 538,833	12,087	11,621
11	8	99 038	59 443,676	1 222 835,181	20,571	20,105	61	58	83 858	4 944,777	58 281,979	11,787	11,321
12	9	99 022	56 739,097	1 163 391,505	20,504	20,038	62	59	82 537	4 646,199	53 337,202	11,480	11,014
13	10	99 005	54 157,100	1 106 652,408	20,434	19,968	63	60	81 133	4 360,048	48 691,003	11,168	10,702
14	11	98 989	51 692,598	1 052 495,308	20,361	19,895	64	61	79 629	4 085,210	44 330,955	10,852	10,386
15	12	98 964	49 336,485	1 000 802,710	20,285	19,819	65	62	78 039	3 822,055	40 245,744	10,530	10,064
16	13	98 937	47 086,252	951 466,225	20,207	19,741	66	63	76 340	3 569,331	36 423,690	10,205	9,739
17	14	98 898	44 933,327	904 379,973	20,127	19,661	67	64	74 567	3 328,328	32 854,359	9,871	9,405
18	15	98 852	42 875,822	859 446,646	20,045	19,579	68	65	72 696	3 097,668	29 526,031	9,532	9,066
19	16	98 784	40 903,280	816 570,824	19,963	19,497	69	66	70 715	2 876,639	26 428,363	9,187	8,721
20	17	98 714	39 020,909	775 667,544	19,878	19,412	70	67	68 618	2 664,745	23 551,724	8,838	8,372
21	18	98 638	37 222,676	736 646,635	19,790	19,324	71	68	66 395	2 461,497	20 886,979	8,485	8,019
22	19	98 560	35 506,977	699 423,959	19,698	19,232	72	69	64 046	2 266,749	18 425,482	8,129	7,663
23	20	98 484	33 870,518	663 916,982	19,602	19,136	73	70	61 501	2 077,966	16 158,733	7,776	7,310
24	21	98 409	32 309,997	630 046,464	19,500	19,034	74	71	58 818	1 897,201	14 080,767	7,422	6,956
25	22	98 331	30 820,432	597 736,467	19,394	18,928	75	72	55 939	1 722,502	12 183,567	7,073	6,607
26	23	98 250	29 398,652	566 916,035	19,284	18,818	76	73	52 886	1 554,642	10 461,065	6,729	6,263
27	24	98 168	28 042,019	537 517,383	19,168	18,702	77	74	49 674	1 394,010	8 906,423	6,389	5,923
28	25	98 083	26 747,397	509 475,365	19,048	18,582	78	75	46 293	1 240,221	7 512,413	6,057	5,591
29	26	98 001	25 512,998	482 727,967	18,921	18,455	79	76	42 743	1 093,198	6 272,192	5,737	5,271
30	27	97 911	24 333,912	457 214,969	18,789	18,323	80	77	39 136	955,549	5 178,993	5,420	4,954
31	28	97 821	23 209,040	432 881,058	18,651	18,185	81	78	35 422	825,656	4 223,445	5,115	4,649
32	29	97 723	22 134,428	409 672,018	18,508	18,042	82	79	31 680	704,954	3 397,789	4,820	4,354
33	30	97 623	21 109,087	387 537,590	18,359	17,893	83	80	27 980	594,382	2 692,835	4,530	4,064
34	31	97 525	20 131,711	366 428,503	18,202	17,736	84	81	24 350	493,804	2 098,453	4,250	3,784
35	32	97 415	19 197,029	346 296,791	18,039	17,573	85	82	20 824	403,145	1 604,649	3,980	3,514
36	33	97 297	18 304,315	327 099,763	17,870	17,404	86	83	17 424	322,035	1 201,504	3,731	3,265
37	34	97 173	17 452,030	308 795,447	17,694	17,228	87	84	14 245	251,347	879,469	3,499	3,033
38	35	97 038	16 637,440	291 343,417	17,511	17,045	88	85	11 320	190,671	628,122	3,294	2,828
39	36	96 892	15 859,136	274 705,977	17,322	16,856	89	86	8 792	141,384	437,450	3,094	2,628
40	37	96 733	15 115,162	258 846,842	17,125	16,659	90	87	6 637	101,891	296,066	2,906	2,440
41	38	96 550	14 402,486	243 731,679	16,923	16,457	91	88	4 878	71,493	194,175	2,716	2,250
42	39	96 350	13 720,873	229 329,193	16,714	16,248	92	89	3 438	48,096	122,683	2,551	2,085
43	40	96 127	13 068,365	215 608,320	16,498	16,032	93	90	2 315	30,917	74,587	2,412	1,946
44	41	95 874	12 442,899	202 539,955	16,278	15,812	94	91	1 510	19,253	43,670	2,268	1,802
45	42	95 590	11 843,533	190 097,057	16,051	15,585	95	92	933	11,354	24,417	2,151	1,685
46	43	95 269	11 268,552	178 253,523	15,819	15,353	96	93	551	6,398	13,063	2,042	1,576
47	44	94 907	10 716,612	166 984,971	15,582	15,116	97	94	309	3,430	6,665	1,943	1,477
48	45	94 506	10 187,476	156 268,359	15,339	14,873	98	95	165	1,745	3,234	1,853	1,387
49	46	94 045	9 678,062	146 080,883	15,094	14,628	99	96	83	0,840	1,489	1,772	1,306
							100	97	40	0,382	0,649	1,698	1,232

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	9 203,210	137 273,774	14,916	14,450
1							51	47	93 134	8 734,780	128 070,564	14,662	14,196
2							52	48	92 526	8 284,256	119 335,784	14,405	13,939
3							53	49	91 869	7 852,425	111 051,528	14,142	13,676
4	0	99 524	82 663,241	1 727 874,341	20,903	20,437	54	50	91 150	7 437,746	103 199,103	13,875	13,409
5	1	99 191	78 650,957	1 645 211,100	20,918	20,452	55	51	90 355	7 038,489	95 761,357	13,605	13,139
6	2	99 152	75 054,411	1 566 560,144	20,872	20,406	56	52	89 508	6 656,347	88 722,868	13,329	12,863
7	3	99 125	71 631,885	1 491 505,733	20,822	20,356	57	53	88 595	6 289,696	82 066,521	13,048	12,582
8	4	99 102	68 367,244	1 419 873,847	20,768	20,302	58	54	87 622	5 938,557	75 776,825	12,760	12,294
9	5	99 080	65 252,962	1 351 506,604	20,712	20,246	59	55	86 571	5 601,233	69 838,268	12,468	12,002
10	6	99 063	62 283,015	1 286 253,642	20,652	20,186	60	56	85 432	5 276,868	64 237,034	12,173	11,707
11	7	99 046	59 448,642	1 223 970,626	20,589	20,123	61	57	84 205	4 965,265	58 960,166	11,875	11,409
12	8	99 028	56 742,621	1 164 521,984	20,523	20,057	62	58	82 915	4 667,481	53 994,901	11,568	11,102
13	9	99 011	54 160,538	1 107 779,363	20,454	19,988	63	59	81 522	4 380,982	49 327,420	11,259	10,793
14	10	98 996	51 696,762	1 053 618,824	20,381	19,915	64	60	80 067	4 107,671	44 946,438	10,942	10,476
15	11	98 972	49 340,404	1 001 922,062	20,306	19,840	65	61	78 485	3 843,909	40 838,767	10,624	10,158
16	12	98 945	47 089,862	952 581,658	20,229	19,763	66	62	76 822	3 591,869	36 994,858	10,300	9,834
17	13	98 908	44 937,747	905 491,796	20,150	19,684	67	63	75 068	3 350,672	33 402,989	9,969	9,503
18	14	98 864	42 881,131	860 554,049	20,068	19,602	68	64	73 223	3 120,120	30 052,317	9,632	9,166
19	15	98 797	40 908,825	817 672,919	19,988	19,522	69	65	71 267	2 899,085	26 932,197	9,290	8,824
20	16	98 730	39 027,183	776 764,093	19,903	19,437	70	66	69 187	2 686,830	24 033,112	8,945	8,479
21	17	98 655	37 229,211	737 736,910	19,816	19,350	71	67	66 999	2 483,901	21 346,282	8,594	8,128
22	18	98 582	35 514,735	700 507,699	19,724	19,258	72	68	64 680	2 289,172	18 862,381	8,240	7,774
23	19	98 505	33 877,804	664 992,964	19,629	19,163	73	69	62 183	2 101,009	16 573,209	7,888	7,422
24	20	98 430	32 316,815	631 115,160	19,529	19,063	74	70	59 529	1 920,143	14 472,201	7,537	7,071
25	21	98 352	30 827,095	598 798,345	19,424	18,958	75	71	56 695	1 745,796	12 552,058	7,190	6,724
26	22	98 273	29 405,409	567 971,250	19,315	18,849	76	72	53 717	1 579,079	10 806,262	6,843	6,377
27	23	98 190	28 048,398	538 565,841	19,201	18,735	77	73	50 550	1 418,602	9 227,183	6,504	6,038
28	24	98 105	26 753,480	510 517,442	19,082	18,616	78	74	47 205	1 264,659	7 808,581	6,174	5,708
29	25	98 022	25 518,685	483 763,963	18,957	18,491	79	75	43 717	1 118,111	6 543,921	5,853	5,387
30	26	97 937	24 340,414	458 245,278	18,827	18,361	80	76	40 154	980,399	5 425,811	5,534	5,068
31	27	97 846	23 215,033	433 904,863	18,691	18,225	81	77	36 478	850,275	4 445,411	5,228	4,762
32	28	97 749	22 140,178	410 689,831	18,550	18,084	82	78	32 770	729,206	3 595,136	4,930	4,464
33	29	97 650	21 114,944	388 549,652	18,402	17,936	83	79	29 072	617,572	2 865,930	4,641	4,175
34	30	97 552	20 137,238	367 434,709	18,247	17,781	84	80	25 454	516,193	2 248,358	4,356	3,890
35	31	97 447	19 203,289	347 297,471	18,085	17,619	85	81	21 908	424,138	1 732,165	4,084	3,618
36	32	97 331	18 310,657	328 094,181	17,918	17,452	86	82	18 475	341,452	1 308,027	3,831	3,365
37	33	97 208	17 458,347	309 783,524	17,744	17,278	87	83	15 235	268,809	966,574	3,596	3,130
38	34	97 077	16 644,194	292 325,178	17,563	17,097	88	84	12 224	205,905	697,766	3,389	2,923
39	35	96 933	15 865,897	275 680,984	17,376	16,910	89	85	9 612	154,568	491,860	3,182	2,716
40	36	96 778	15 122,214	259 815,086	17,181	16,715	90	86	7 348	112,792	337,292	2,990	2,524
41	37	96 601	14 410,076	244 692,872	16,981	16,515	91	87	5 510	80,752	224,500	2,780	2,314
42	38	96 407	13 728,967	230 282,796	16,773	16,307	92	88	3 931	54,996	143,748	2,614	2,148
43	39	96 194	13 077,562	216 553,830	16,559	16,093	93	89	2 691	35,940	88,753	2,469	2,003
44	40	95 942	12 451,774	203 476,267	16,341	15,875	94	90	1 773	22,603	52,812	2,337	1,871
45	41	95 670	11 853,383	191 024,493	16,116	15,650	95	91	1 128	13,731	30,209	2,200	1,734
46	42	95 360	11 279,221	179 171,110	15,885	15,419	96	92	679	7,889	16,478	2,089	1,623
47	43	95 007	10 727,936	167 891,889	15,650	15,184	97	93	390	4,325	8,589	1,986	1,520
48	44	94 613	10 199,010	157 163,953	15,410	14,944	98	94	213	2,253	4,264	1,892	1,426
49	45	94 172	9 691,169	146 964,943	15,165	14,699	99	95	110	1,112	2,011	1,807	1,341
							100	96	54	0,519	0,898	1,730	1,264

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	9 215,674	138 075,248	14,983	14,517
1							51	46	93 279	8 748,348	128 859,573	14,730	14,264
2							52	47	92 687	8 298,658	120 111,226	14,474	14,008
3							53	48	92 039	7 867,002	111 812,568	14,213	13,747
4							54	49	91 342	7 453,339	103 945,566	13,946	13,480
5	0	99 510	78 903,417	1 646 565,654	20,868	20,402	55	50	90 566	7 054,973	96 492,227	13,677	13,211
6	1	99 180	75 075,758	1 567 662,237	20,881	20,415	56	51	89 731	6 672,968	89 437,254	13,403	12,937
7	2	99 141	71 643,435	1 492 586,480	20,834	20,368	57	52	88 841	6 307,172	82 764,286	13,122	12,656
8	3	99 116	68 377,048	1 420 943,044	20,781	20,315	58	53	87 889	5 956,661	76 457,114	12,836	12,370
9	4	99 092	65 260,784	1 352 565,996	20,726	20,260	59	54	86 848	5 619,137	70 500,453	12,546	12,080
10	5	99 072	62 288,650	1 287 305,213	20,667	20,201	60	55	85 740	5 295,921	64 881,316	12,251	11,785
11	6	99 054	59 453,409	1 225 016,563	20,605	20,139	61	56	84 526	4 984,169	59 585,396	11,955	11,489
12	7	99 036	56 747,362	1 165 563,154	20,540	20,074	62	57	83 258	4 686,820	54 601,227	11,650	11,184
13	8	99 018	54 163,903	1 108 815,792	20,471	20,005	63	58	81 896	4 401,049	49 914,406	11,341	10,875
14	9	99 003	51 700,044	1 054 651,889	20,399	19,933	64	59	80 451	4 127,393	45 513,357	11,027	10,561
15	10	98 980	49 344,379	1 002 951,845	20,326	19,860	65	60	78 916	3 865,043	41 385,964	10,708	10,242
16	11	98 952	47 093,602	953 607,466	20,249	19,783	66	61	77 261	3 612,407	37 520,921	10,387	9,921
17	12	98 915	44 941,192	906 513,864	20,171	19,705	67	62	75 542	3 371,830	33 908,514	10,056	9,590
18	13	98 874	42 885,349	861 572,672	20,090	19,624	68	63	73 714	3 141,066	30 536,684	9,722	9,256
19	14	98 809	40 913,890	818 687,322	20,010	19,544	69	64	71 784	2 920,097	27 395,618	9,382	8,916
20	15	98 743	39 032,475	777 773,432	19,926	19,460	70	65	69 727	2 707,795	24 475,520	9,039	8,573
21	16	98 671	37 235,197	738 740,957	19,840	19,374	71	66	67 555	2 504,487	21 767,726	8,691	8,225
22	17	98 599	35 520,971	701 505,760	19,749	19,283	72	67	65 268	2 310,007	19 563,238	8,339	7,873
23	18	98 526	33 885,205	665 984,790	19,654	19,188	73	68	62 798	2 121,792	16 953,231	7,990	7,524
24	19	98 451	32 323,766	632 099,584	19,555	19,089	74	69	60 190	1 941,436	14 831,439	7,639	7,173
25	20	98 373	30 833,601	599 775,818	19,452	18,986	75	70	57 381	1 766,907	12 890,003	7,295	6,829
26	21	98 294	29 411,766	568 942,217	19,344	18,878	76	71	54 443	1 600,433	11 123,096	6,950	6,484
27	22	98 212	28 054,845	539 530,451	19,231	18,765	77	72	51 345	1 440,900	9 522,663	6,609	6,143
28	23	98 128	26 759,566	511 475,606	19,114	18,648	78	73	48 038	1 286,970	8 081,762	6,280	5,814
29	24	98 045	25 524,488	484 716,039	18,990	18,524	79	74	44 579	1 140,143	6 794,793	5,960	5,494
30	25	97 959	24 345,840	459 191,551	18,861	18,395	80	75	41 069	1 002,742	5 654,650	5,639	5,173
31	26	97 872	23 221,236	434 845,712	18,726	18,260	81	76	37 427	872,388	4 651,908	5,332	4,866
32	27	97 774	22 145,895	411 624,475	18,587	18,121	82	77	33 747	750,949	3 779,520	5,033	4,567
33	28	97 676	21 120,429	389 478,580	18,441	17,975	83	78	30 072	638,818	3 028,571	4,741	4,275
34	29	97 579	20 142,825	368 358,151	18,287	17,821	84	79	26 447	536,332	2 389,753	4,456	3,990
35	30	97 473	19 208,561	348 215,326	18,128	17,662	85	80	22 901	443,369	1 853,421	4,180	3,714
36	31	97 362	18 316,629	329 006,765	17,962	17,496	86	81	19 437	359,233	1 410,052	3,925	3,459
37	32	97 242	17 464,395	310 690,137	17,790	17,324	87	82	16 154	285,017	1 050,819	3,687	3,221
38	33	97 112	16 650,218	293 225,741	17,611	17,145	88	83	13 074	220,210	765,802	3,478	3,012
39	34	96 972	15 872,338	276 575,523	17,425	16,959	89	84	10 380	166,918	545,591	3,269	2,803
40	35	96 819	15 128,661	260 703,185	17,232	16,766	90	85	8 033	123,310	378,674	3,071	2,605
41	36	96 646	14 416,799	245 574,523	17,034	16,568	91	86	6 100	89,391	255,364	2,857	2,391
42	37	96 457	13 736,202	231 157,725	16,828	16,362	92	87	4 440	62,118	165,973	2,672	2,206
43	38	96 251	13 085,277	217 421,523	16,616	16,150	93	88	3 077	41,096	103,854	2,527	2,061
44	39	96 009	12 460,537	204 336,246	16,399	15,933	94	89	2 061	26,275	62,758	2,388	1,922
45	40	95 738	11 861,838	191 875,709	16,176	15,710	95	90	1 324	16,120	36,483	2,263	1,797
46	41	95 439	11 288,602	180 013,871	15,947	15,481	96	91	821	9,541	20,362	2,134	1,668
47	42	95 097	10 738,094	168 725,269	15,713	15,247	97	92	481	5,333	10,822	2,029	1,563
48	43	94 713	10 209,787	157 987,175	15,474	15,008	98	93	268	2,841	5,488	1,932	1,466
49	44	94 279	9 702,141	147 777,389	15,231	14,765	99	94	142	1,436	2,647	1,844	1,378
							100	95	71	0,687	1,211	1,763	1,297

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	9 226,108	138 811,140	15,045	14,579
1							51	45	93 405	8 760,197	129 585,033	14,792	14,326
2							52	46	92 831	8 311,548	120 824,836	14,537	14,071
3							53	47	92 199	7 880,678	112 513,288	14,277	13,811
4							54	48	91 511	7 467,175	104 632,610	14,012	13,546
5							55	49	90 756	7 069,763	97 165,435	13,744	13,278
6	0	99 498	75 316,742	1 568 915,358	20,831	20,365	56	50	89 942	6 688,596	90 095,672	13,470	13,004
7	1	99 170	71 663,812	1 493 598,615	20,842	20,376	57	51	89 063	6 322,921	83 407,076	13,191	12,725
8	2	99 132	68 388,073	1 421 934,803	20,792	20,326	58	52	88 134	5 973,212	77 084,155	12,905	12,439
9	3	99 106	65 270,142	1 353 546,730	20,738	20,272	59	53	87 112	5 636,266	71 110,943	12,617	12,151
10	4	99 083	62 296,116	1 288 276,588	20,680	20,214	60	54	86 014	5 312,848	65 474,677	12,324	11,858
11	5	99 063	59 458,788	1 225 980,472	20,619	20,153	61	55	84 831	5 002,165	60 161,828	12,027	11,561
12	6	99 044	56 751,913	1 166 521,684	20,555	20,089	62	56	83 575	4 704,665	55 159,664	11,724	11,258
13	7	99 026	54 168,428	1 109 769,772	20,487	20,021	63	57	82 235	4 419,285	50 454,999	11,417	10,951
14	8	99 009	51 703,256	1 055 601,344	20,417	19,951	64	58	80 820	4 146,298	46 035,715	11,103	10,637
15	9	98 986	49 347,511	1 003 898,088	20,343	19,877	65	59	79 295	3 883,600	41 889,416	10,786	10,320
16	10	98 960	47 097,396	954 550,577	20,268	19,802	66	60	77 686	3 632,268	38 005,816	10,463	9,997
17	11	98 923	44 944,762	907 453,180	20,190	19,724	67	61	75 973	3 391,110	34 373,548	10,136	9,670
18	12	98 881	42 888,637	862 508,419	20,110	19,644	68	62	74 180	3 160,900	30 982,438	9,802	9,336
19	13	98 819	40 917,915	819 619,782	20,031	19,565	69	63	72 266	2 939,701	27 821,538	9,464	8,998
20	14	98 755	39 037,307	778 701,866	19,948	19,482	70	64	70 232	2 727,421	24 881,837	9,123	8,657
21	15	98 684	37 240,245	739 664,559	19,862	19,396	71	65	68 082	2 524,029	22 154,416	8,777	8,311
22	16	98 615	35 526,682	702 424,314	19,772	19,306	72	66	65 809	2 329,152	19 630,386	8,428	7,962
23	17	98 544	33 891,155	666 897,632	19,678	19,212	73	67	63 370	2 141,104	17 301,234	8,081	7,615
24	18	98 472	32 330,829	633 006,477	19,579	19,113	74	68	60 785	1 960,641	15 160,130	7,732	7,266
25	19	98 394	30 840,233	600 675,648	19,477	19,011	75	69	58 017	1 786,501	13 199,490	7,388	6,922
26	20	98 314	29 417,973	569 835,415	19,370	18,904	76	70	55 102	1 619,787	11 412,989	7,046	6,580
27	21	98 234	28 060,911	540 417,442	19,259	18,793	77	71	52 039	1 460,386	9 793,202	6,706	6,240
28	22	98 150	26 765,717	512 356,532	19,142	18,676	78	72	48 793	1 307,199	8 332,815	6,375	5,909
29	23	98 067	25 530,295	485 590,815	19,020	18,554	79	73	45 365	1 160,257	7 025,617	6,055	5,589
30	24	97 982	24 351,376	460 060,520	18,893	18,427	80	74	41 878	1 022,501	5 865,360	5,736	5,270
31	25	97 894	23 226,412	435 709,144	18,759	18,293	81	75	38 280	892,269	4 842,860	5,428	4,962
32	26	97 800	22 151,813	412 482,731	18,621	18,155	82	76	34 625	770,479	3 950,591	5,127	4,661
33	27	97 701	21 125,882	390 330,918	18,476	18,010	83	77	30 969	657,866	3 180,112	4,834	4,368
34	28	97 605	20 148,058	369 205,036	18,325	17,859	84	78	27 357	554,783	2 522,246	4,546	4,080
35	29	97 500	19 213,890	349 056,978	18,167	17,701	85	79	23 795	460,667	1 967,462	4,271	3,805
36	30	97 389	18 321,657	329 843,088	18,003	17,537	86	80	20 318	375,520	1 506,795	4,013	3,547
37	31	97 273	17 470,091	311 521,431	17,832	17,366	87	81	16 995	299,859	1 131,275	3,773	3,307
38	32	97 146	16 655,987	294 051,340	17,654	17,188	88	82	13 862	233,488	831,416	3,561	3,095
39	33	97 007	15 878,083	277 395,353	17,470	17,004	89	83	11 101	178,514	597,928	3,349	2,883
40	34	96 859	15 134,803	261 517,270	17,279	16,813	90	84	8 674	133,162	419,414	3,150	2,684
41	35	96 687	14 422,945	246 382,467	17,083	16,617	91	85	6 669	97,727	286,252	2,929	2,463
42	36	96 502	13 742,610	231 959,522	16,879	16,413	92	86	4 915	68,764	188,525	2,742	2,276
43	37	96 302	13 092,172	218 216,912	16,668	16,202	93	87	3 476	46,419	119,761	2,580	2,114
44	38	96 066	12 467,888	205 124,739	16,452	15,986	94	88	2 356	30,045	73,342	2,441	1,975
45	39	95 805	11 870,186	192 656,851	16,230	15,764	95	89	1 540	18,740	43,297	2,310	1,844
46	40	95 507	11 296,654	180 786,665	16,004	15,538	96	90	964	11,201	24,558	2,192	1,726
47	41	95 176	10 747,024	169 490,011	15,771	15,305	97	91	581	6,450	13,357	2,071	1,605
48	42	94 803	10 219,454	158 742,987	15,533	15,067	98	92	331	3,503	6,907	1,972	1,506
49	43	94 379	9 712,393	148 523,533	15,292	14,826	99	93	179	1,811	3,404	1,880	1,414
							100	94	92	0,887	1,593	1,797	1,331

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	9 235,856	139 486,495	15,103	14,637
1							51	44	93 511	8 770,114	130 250,639	14,852	14,386
2							52	45	92 956	8 322,805	121 480,525	14,596	14,130
3							53	46	92 342	7 892,919	113 157,719	14,337	13,871
4							54	47	91 670	7 480,156	105 264,800	14,073	13,607
5							55	48	90 925	7 082,887	97 784,644	13,806	13,340
6							56	49	90 130	6 702,618	90 701,756	13,532	13,066
7	0	99 488	71 893,844	1 494 757,686	20,791	20,325	57	50	89 272	6 337,729	83 999,138	13,254	12,788
8	1	99 160	68 407,524	1 422 863,842	20,800	20,334	58	51	88 354	5 988,127	77 661,409	12,969	12,503
9	2	99 122	65 280,667	1 354 456,318	20,748	20,282	59	52	87 354	5 651,927	71 673,282	12,681	12,215
10	3	99 098	62 305,049	1 289 175,651	20,691	20,225	60	53	86 276	5 329,044	66 021,355	12,389	11,923
11	4	99 075	59 465,915	1 226 870,602	20,631	20,165	61	54	85 102	5 018,153	60 692,311	12,095	11,629
12	5	99 053	56 757,047	1 167 404,687	20,568	20,102	62	55	83 877	4 721,651	55 674,158	11,791	11,325
13	6	99 034	54 172,771	1 110 647,641	20,502	20,036	63	56	82 548	4 436,110	50 952,507	11,486	11,020
14	7	99 017	51 707,576	1 056 474,869	20,432	19,966	64	57	81 155	4 163,478	46 516,397	11,172	10,706
15	8	98 993	49 350,577	1 004 767,293	20,360	19,894	65	58	79 658	3 901,389	42 352,919	10,856	10,390
16	9	98 967	47 100,387	955 416,717	20,285	19,819	66	59	78 059	3 649,708	38 451,530	10,536	10,070
17	10	98 931	44 948,383	908 316,330	20,208	19,742	67	60	76 391	3 409,754	34 801,822	10,207	9,741
18	11	98 889	42 892,043	863 367,948	20,129	19,663	68	61	74 604	3 178,974	31 392,068	9,875	9,409
19	12	98 826	40 921,052	820 475,904	20,050	19,584	69	62	72 722	2 958,264	28 213,093	9,537	9,071
20	13	98 765	39 041,148	779 554,852	19,968	19,502	70	63	70 703	2 745,731	25 254,330	9,198	8,732
21	14	98 696	37 244,856	740 513,704	19,882	19,416	71	64	68 575	2 542,323	22 509,099	8,854	8,388
22	15	98 628	35 531,499	703 268,848	19,793	19,327	72	65	66 323	2 347,326	19 966,775	8,506	8,040
23	16	98 560	33 896,604	667 737,349	19,699	19,233	73	66	63 895	2 158,849	17 619,449	8,162	7,695
24	17	98 489	32 336,505	633 840,745	19,601	19,135	74	67	61 338	1 978,486	15 460,600	7,814	7,348
25	18	98 415	30 846,971	601 504,240	19,500	19,034	75	68	58 591	1 804,173	13 482,114	7,473	7,007
26	19	98 336	29 424,301	570 657,269	19,394	18,928	76	69	55 713	1 637,749	11 677,941	7,130	6,664
27	20	98 254	28 066,832	541 232,968	19,284	18,818	77	70	52 668	1 478,046	10 040,192	6,793	6,327
28	21	98 172	26 771,504	513 166,136	19,168	18,702	78	71	49 453	1 324,877	8 562,145	6,463	5,997
29	22	98 090	25 536,163	486 394,632	19,047	18,581	79	72	46 078	1 178,494	7 237,269	6,141	5,675
30	23	98 004	24 356,916	460 858,470	18,921	18,455	80	73	42 617	1 040,539	6 058,775	5,823	5,357
31	24	97 916	23 231,694	436 501,553	18,789	18,323	81	74	39 034	909,851	5 018,236	5,515	5,049
32	25	97 822	22 156,751	413 269,859	18,652	18,186	82	75	35 414	788,037	4 108,386	5,213	4,747
33	26	97 727	21 131,528	391 113,109	18,509	18,043	83	76	31 774	674,975	3 320,348	4,919	4,453
34	27	97 630	20 153,260	369 981,581	18,358	17,892	84	77	28 172	571,326	2 645,373	4,630	4,164
35	28	97 526	19 218,882	349 828,321	18,202	17,736	85	78	24 613	476,515	2 074,047	4,353	3,887
36	29	97 416	18 326,740	330 609,439	18,040	17,574	86	79	21 111	390,172	1 597,532	4,094	3,628
37	30	97 300	17 474,887	312 282,699	17,870	17,404	87	80	17 765	313,455	1 207,360	3,852	3,386
38	31	97 177	16 661,419	294 807,812	17,694	17,228	88	81	14 584	245,647	893,906	3,639	3,173
39	32	97 041	15 883,584	278 146,393	17,512	17,046	89	82	11 771	189,278	648,259	3,425	2,959
40	33	96 894	15 140,281	262 262,809	17,322	16,856	90	83	9 277	142,413	458,982	3,223	2,757
41	34	96 727	14 428,801	247 122,528	17,127	16,661	91	84	7 201	105,535	316,569	3,000	2,534
42	35	96 544	13 748,469	232 693,727	16,925	16,459	92	85	5 373	75,177	211,034	2,807	2,341
43	36	96 347	13 098,280	218 945,258	16,716	16,250	93	86	3 847	51,385	135,858	2,644	2,178
44	37	96 117	12 474,458	205 846,978	16,501	16,035	94	87	2 662	33,936	84,472	2,489	2,023
45	38	95 862	11 877,189	193 372,520	16,281	15,815	95	88	1 760	21,428	50,537	2,358	1,892
46	39	95 574	11 304,604	181 495,331	16,055	15,589	96	89	1 121	13,021	29,109	2,236	1,770
47	40	95 244	10 754,690	170 190,727	15,825	15,359	97	90	683	7,572	16,088	2,125	1,659
48	41	94 882	10 227,953	159 436,037	15,588	15,122	98	91	400	4,236	8,516	2,010	1,544
49	42	94 468	9 721,589	149 208,084	15,348	14,882	99	92	221	2,233	4,279	1,917	1,451
							100	93	116	1,118	2,047	1,830	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	9 244,601	140 105,741	15,155	14,689
1							51	43	93 609	8 779,381	130 861,139	14,906	14,440
2							52	44	93 062	8 332,228	122 081,758	14,652	14,186
3							53	45	92 468	7 903,610	113 749,531	14,392	13,926
4							54	46	91 813	7 491,776	105 845,921	14,128	13,662
5							55	47	91 083	7 095,201	98 354,146	13,862	13,396
6							56	48	90 297	6 715,061	91 258,945	13,590	13,124
7							57	49	89 459	6 351,016	84 543,884	13,312	12,846
8	0	99 478	68 627,104	1 423 935,844	20,749	20,283	58	50	88 561	6 002,151	78 192,868	13,027	12,561
9	1	99 150	65 299,233	1 355 308,740	20,755	20,289	59	51	87 572	5 666,040	72 190,718	12,741	12,275
10	2	99 114	62 315,096	1 290 009,507	20,701	20,235	60	52	86 516	5 343,851	66 524,678	12,449	11,983
11	3	99 089	59 474,442	1 227 694,411	20,642	20,176	61	53	85 361	5 033,451	61 180,827	12,155	11,689
12	4	99 065	56 763,850	1 168 219,969	20,580	20,114	62	54	84 145	4 736,743	56 147,376	11,854	11,388
13	5	99 043	54 177,672	1 111 456,119	20,515	20,049	63	55	82 846	4 452,127	51 410,633	11,547	11,081
14	6	99 025	51 711,722	1 057 278,447	20,446	19,980	64	56	81 464	4 179,330	46 958,506	11,236	10,770
15	7	99 001	49 354,700	1 005 566,725	20,374	19,908	65	57	79 988	3 917,554	42 779,176	10,920	10,454
16	8	98 973	47 103,312	956 212,025	20,300	19,834	66	58	78 417	3 666,425	38 861,622	10,599	10,133
17	9	98 937	44 951,236	909 108,713	20,224	19,758	67	59	76 758	3 426,125	35 195,197	10,273	9,807
18	10	98 897	42 895,499	864 157,477	20,146	19,680	68	60	75 014	3 196,452	31 769,072	9,939	9,473
19	11	98 834	40 924,303	821 261,978	20,068	19,602	69	61	73 138	2 975,179	28 572,620	9,604	9,138
20	12	98 773	39 044,141	780 337,675	19,986	19,520	70	62	71 150	2 763,069	25 597,441	9,264	8,798
21	13	98 706	37 248,520	741 293,534	19,901	19,435	71	63	69 036	2 559,391	22 834,372	8,922	8,456
22	14	98 641	35 535,898	704 045,014	19,812	19,346	72	64	66 804	2 364,340	20 274,981	8,575	8,109
23	15	98 573	33 901,200	668 509,116	19,719	19,253	73	65	64 394	2 175,694	17 910,641	8,232	7,766
24	16	98 505	32 341,704	634 607,917	19,622	19,156	74	66	61 847	1 994,883	15 734,947	7,888	7,422
25	17	98 433	30 852,387	602 266,212	19,521	19,055	75	67	59 124	1 820,594	13 740,064	7,547	7,081
26	18	98 357	29 430,730	571 413,826	19,416	18,950	76	68	56 264	1 653,950	11 919,469	7,207	6,741
27	19	98 276	28 072,870	541 983,096	19,306	18,840	77	69	53 252	1 494,437	10 265,520	6,869	6,403
28	20	98 192	26 777,153	513 910,226	19,192	18,726	78	70	50 051	1 340,898	8 771,083	6,541	6,075
29	21	98 111	25 541,684	487 133,073	19,072	18,606	79	71	46 701	1 194,431	7 430,185	6,221	5,755
30	22	98 026	24 362,515	461 591,389	18,947	18,481	80	72	43 287	1 056,894	6 235,754	5,900	5,434
31	23	97 939	23 236,979	437 228,875	18,816	18,350	81	73	39 723	925,902	5 178,859	5,593	5,127
32	24	97 844	22 161,789	413 991,895	18,680	18,214	82	74	36 112	803,566	4 252,958	5,293	4,827
33	25	97 749	21 136,238	391 830,106	18,538	18,072	83	75	32 498	690,357	3 449,392	4,997	4,531
34	26	97 656	20 158,646	370 693,868	18,389	17,923	84	76	28 905	586,184	2 759,035	4,707	4,241
35	27	97 551	19 223,844	350 535,223	18,234	17,768	85	77	25 347	490,724	2 172,851	4,428	3,962
36	28	97 441	18 331,501	331 311,378	18,073	17,607	86	78	21 837	403,594	1 682,127	4,168	3,702
37	29	97 327	17 479,735	312 979,877	17,905	17,439	87	79	18 459	325,684	1 278,533	3,926	3,460
38	30	97 204	16 665,993	295 500,142	17,731	17,265	88	80	15 245	256,784	952,849	3,711	3,245
39	31	97 073	15 888,764	278 834,149	17,549	17,083	89	81	12 384	199,134	696,065	3,495	3,029
40	32	96 927	15 145,526	262 945,385	17,361	16,895	90	82	9 836	151,000	496,931	3,291	2,825
41	33	96 762	14 434,023	247 799,859	17,168	16,702	91	83	7 702	112,867	345,931	3,065	2,599
42	34	96 583	13 754,051	233 365,836	16,967	16,501	92	84	5 803	81,183	233,064	2,871	2,405
43	35	96 388	13 103,865	219 611,785	16,759	16,293	93	85	4 206	56,177	151,881	2,704	2,238
44	36	96 162	12 480,278	206 507,920	16,547	16,081	94	86	2 946	37,567	95,705	2,548	2,082
45	37	95 912	11 883,448	194 027,642	16,328	15,862	95	87	1 988	24,203	58,138	2,402	1,936
46	38	95 631	11 311,273	182 144,195	16,103	15,637	96	88	1 281	14,889	33,935	2,279	1,813
47	39	95 311	10 762,259	170 832,922	15,873	15,407	97	89	793	8,802	19,046	2,164	1,698
48	40	94 949	10 235,248	160 070,663	15,639	15,173	98	90	470	4,974	10,244	2,060	1,594
49	41	94 547	9 729,674	149 835,415	15,400	14,934	99	91	267	2,700	5,270	1,952	1,486
							100	92	143	1,379	2,570	1,864	1,398



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	9 252,290	140 672,962	15,204	14,738
1							51	42	93 698	8 787,694	131 420,672	14,955	14,489
2							52	43	93 160	8 341,032	122 632,978	14,702	14,236
3							53	44	92 572	7 912,557	114 291,946	14,444	13,978
4							54	45	91 937	7 501,922	106 379,389	14,180	13,714
5							55	46	91 224	7 106,222	98 877,467	13,914	13,448
6							56	47	90 454	6 726,734	91 771,245	13,643	13,177
7							57	48	89 625	6 362,806	85 044,510	13,366	12,900
8							58	49	88 746	6 014,734	78 681,704	13,081	12,615
9	0	99 469	65 508,836	1 356 300,244	20,704	20,238	59	50	87 778	5 679,309	72 666,971	12,795	12,329
10	1	99 142	62 332,819	1 290 791,408	20,708	20,242	60	51	86 732	5 357,195	66 987,661	12,504	12,038
11	2	99 105	59 484,032	1 228 458,589	20,652	20,186	61	52	85 599	5 047,436	61 630,467	12,210	11,744
12	3	99 079	56 771,990	1 168 974,557	20,591	20,125	62	53	84 402	4 751,183	56 583,030	11,909	11,443
13	4	99 055	54 184,166	1 112 202,567	20,526	20,060	63	54	83 111	4 466,357	51 831,848	11,605	11,139
14	5	99 034	51 716,400	1 058 018,401	20,458	19,992	64	55	81 758	4 194,419	47 365,490	11,293	10,826
15	6	99 009	49 358,657	1 006 302,001	20,388	19,922	65	56	80 293	3 932,469	43 171,071	10,978	10,512
16	7	98 981	47 107,248	956 943,343	20,314	19,848	66	57	78 742	3 681,617	39 238,601	10,658	10,192
17	8	98 943	44 954,029	909 836,096	20,239	19,773	67	58	77 110	3 441,819	35 556,985	10,331	9,865
18	9	98 904	42 898,222	864 882,067	20,161	19,695	68	59	75 374	3 211,799	32 115,166	9,999	9,533
19	10	98 842	40 927,600	821 983,845	20,084	19,618	69	60	73 540	2 991,536	28 903,367	9,662	9,196
20	11	98 780	39 047,242	781 056,245	20,003	19,537	70	61	71 557	2 778,868	25 911,830	9,325	8,859
21	12	98 714	37 251,376	742 009,003	19,919	19,453	71	62	69 471	2 575,552	23 132,963	8,982	8,516
22	13	98 650	35 539,394	704 757,627	19,830	19,364	72	63	67 252	2 380,212	20 365,410	8,637	8,171
23	14	98 585	33 905,397	669 218,234	19,738	19,272	73	64	64 860	2 191,464	18 177,198	8,295	7,829
24	15	98 519	32 346,089	635 312,837	19,641	19,175	74	65	62 329	2 010,449	15 985,734	7,951	7,485
25	16	98 449	30 857,348	602 966,748	19,540	19,074	75	66	59 614	1 835,683	13 975,285	7,613	7,147
26	17	98 374	29 435,897	572 109,400	19,436	18,970	76	67	56 776	1 669,004	12 139,602	7,274	6,808
27	18	98 297	28 079,003	542 673,503	19,327	18,861	77	68	53 779	1 509,220	10 470,599	6,938	6,472
28	19	98 213	26 782,913	514 594,500	19,214	18,748	78	69	50 606	1 355,767	8 961,379	6,610	6,144
29	20	98 131	25 547,074	487 811,587	19,095	18,629	79	70	47 266	1 208,875	7 605,611	6,291	5,825
30	21	98 048	24 367,782	462 264,513	18,970	18,504	80	71	43 872	1 071,187	6 396,736	5,972	5,506
31	22	97 961	23 242,320	437 896,732	18,840	18,374	81	72	40 347	940,455	5 325,549	5,663	5,197
32	23	97 866	22 166,831	414 654,411	18,706	18,240	82	73	36 749	817,741	4 385,094	5,362	4,896
33	24	97 771	21 141,045	392 487,580	18,565	18,099	83	74	33 139	703,961	3 567,352	5,068	4,602
34	25	97 678	20 163,139	371 346,536	18,417	17,951	84	75	29 564	599,543	2 863,392	4,776	4,310
35	26	97 577	19 228,981	351 183,397	18,263	17,797	85	76	26 006	503,486	2 263,849	4,496	4,030
36	27	97 466	18 336,235	331 954,415	18,104	17,638	86	77	22 488	415,629	1 760,363	4,235	3,769
37	28	97 352	17 484,276	313 618,181	17,937	17,471	87	78	19 094	336,888	1 344,735	3,992	3,526
38	29	97 231	16 670,617	296 133,905	17,764	17,298	88	79	15 840	266,803	1 007,846	3,777	3,311
39	30	97 099	15 893,126	279 463,288	17,584	17,118	89	80	12 945	208,163	741,043	3,560	3,094
40	31	96 959	15 150,466	263 570,162	17,397	16,931	90	81	10 349	158,863	532,881	3,354	2,888
41	32	96 795	14 439,024	248 419,696	17,205	16,739	91	82	8 166	119,672	374,018	3,125	2,659
42	33	96 618	13 759,029	233 980,672	17,006	16,540	92	83	6 206	86,823	254,346	2,929	2,463
43	34	96 427	13 109,185	220 221,644	16,799	16,333	93	84	4 542	60,665	167,523	2,761	2,295
44	35	96 203	12 485,599	207 112,459	16,588	16,122	94	85	3 221	41,070	106,858	2,602	2,136
45	36	95 957	11 888,992	194 626,861	16,370	15,904	95	86	2 201	26,793	65,788	2,455	1,989
46	37	95 681	11 317,234	182 737,869	16,147	15,681	96	87	1 447	16,817	38,996	2,319	1,853
47	38	95 367	10 768,608	171 420,635	15,919	15,453	97	88	907	10,065	22,179	2,204	1,738
48	39	95 016	10 242,452	160 652,028	15,685	15,219	98	89	546	5,782	12,114	2,095	1,629
49	40	94 614	9 736,614	150 409,576	15,448	14,982	99	90	314	3,170	6,332	1,998	1,532
							100	91	173	1,668	3,162	1,896	1,430

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	9 258,889	141 191,911	15,249	14,783
1							51	41	93 776	8 795,002	131 933,021	15,001	14,535
2							52	42	93 248	8 348,930	123 138,019	14,749	14,283
3							53	43	92 670	7 920,918	114 789,090	14,492	14,026
4							54	44	92 041	7 510,415	106 868,171	14,229	13,763
5							55	45	91 348	7 115,846	99 357,756	13,963	13,497
6							56	46	90 595	6 737,183	92 241,910	13,691	13,225
7							57	47	89 781	6 373,867	85 504,726	13,415	12,949
8							58	48	88 911	6 025,900	79 130,859	13,132	12,666
9							59	49	87 962	5 691,216	73 104,959	12,845	12,379
10	0	99 460	62 532,900	1 291 708,568	20,656	20,190	60	50	86 935	5 369,741	67 413,744	12,554	12,088
11	1	99 133	59 500,950	1 229 175,668	20,658	20,192	61	51	85 812	5 060,040	62 044,003	12,262	11,796
12	2	99 095	56 781,144	1 169 674,718	20,600	20,134	62	52	84 636	4 764,384	56 983,963	11,960	11,494
13	3	99 069	54 191,937	1 112 893,574	20,536	20,070	63	53	83 364	4 479,973	52 219,579	11,656	11,190
14	4	99 046	51 722,599	1 058 701,637	20,469	20,003	64	54	82 019	4 207,826	47 739,606	11,345	10,879
15	5	99 018	49 363,123	1 006 979,038	20,399	19,933	65	55	80 583	3 946,668	43 531,780	11,030	10,564
16	6	98 989	47 111,025	957 615,916	20,327	19,861	66	56	79 041	3 695,634	39 585,112	10,711	10,245
17	7	98 952	44 957,784	910 504,891	20,252	19,786	67	57	77 429	3 456,079	35 889,478	10,384	9,918
18	8	98 910	42 900,887	865 547,106	20,176	19,709	68	58	75 719	3 226,511	32 433,399	10,052	9,586
19	9	98 849	40 930,198	822 646,219	20,099	19,633	69	59	73 893	3 005,900	29 206,888	9,717	9,251
20	10	98 788	39 050,388	781 716,021	20,018	19,552	70	60	71 950	2 794,146	26 200,988	9,377	8,911
21	11	98 721	37 254,334	742 665,633	19,935	19,469	71	61	69 869	2 590,279	23 406,843	9,036	8,570
22	12	98 658	35 542,118	705 411,299	19,847	19,381	72	62	67 677	2 395,242	20 816,563	8,691	8,225
23	13	98 595	33 908,733	669 869,181	19,755	19,289	73	63	65 296	2 206,176	18 421,321	8,350	7,884
24	14	98 531	32 350,094	635 960,448	19,659	19,193	74	64	62 781	2 025,021	16 215,146	8,007	7,541
25	15	98 462	30 861,531	603 610,354	19,559	19,093	75	65	60 079	1 850,007	14 190,125	7,670	7,204
26	16	98 390	29 440,630	572 748,823	19,454	18,988	76	66	57 246	1 682,836	12 340,118	7,333	6,867
27	17	98 314	28 083,933	543 308,193	19,346	18,880	77	67	54 269	1 522,956	10 657,282	6,998	6,532
28	18	98 235	26 788,765	515 224,260	19,233	18,767	78	68	51 106	1 369,179	9 134,326	6,671	6,205
29	19	98 153	25 552,569	488 435,495	19,115	18,649	79	69	47 790	1 222,281	7 765,147	6,353	5,887
30	20	98 068	24 372,924	462 882,927	18,992	18,526	80	70	44 403	1 084,141	6 542,866	6,035	5,569
31	21	97 982	23 247,345	438 510,003	18,863	18,397	81	71	40 893	953,173	5 458,726	5,727	5,261
32	22	97 889	22 171,926	415 262,657	18,729	18,263	82	72	37 327	830,595	4 505,552	5,424	4,958
33	23	97 793	21 145,854	393 090,731	18,589	18,123	83	73	33 723	716,379	3 674,957	5,130	4,664
34	24	97 700	20 167,724	371 944,877	18,443	17,977	84	74	30 146	611,356	2 958,578	4,839	4,373
35	25	97 599	19 233,267	351 777,153	18,290	17,824	85	75	26 599	514,960	2 347,221	4,558	4,092
36	26	97 493	18 341,135	332 543,886	18,131	17,665	86	76	23 073	426,438	1 832,262	4,297	3,831
37	27	97 378	17 488,791	314 202,751	17,966	17,500	87	77	19 663	346,934	1 405,824	4,052	3,586
38	28	97 256	16 674,948	296 713,960	17,794	17,328	88	78	16 385	275,981	1 058,890	3,837	3,371
39	29	97 126	15 897,535	280 039,013	17,615	17,149	89	79	13 450	216,284	782,909	3,620	3,154
40	30	96 985	15 154,625	264 141,477	17,430	16,964	90	80	10 818	166,066	566,625	3,412	2,946
41	31	96 827	14 443,733	248 986,852	17,238	16,772	91	81	8 591	125,904	400,559	3,181	2,715
42	32	96 651	13 763,796	234 543,120	17,041	16,575	92	82	6 580	92,058	274,655	2,983	2,517
43	33	96 462	13 113,929	220 779,324	16,835	16,369	93	83	4 858	64,880	182,597	2,814	2,348
44	34	96 242	12 490,668	207 665,395	16,626	16,160	94	84	3 478	44,351	117,717	2,654	2,188
45	35	95 998	11 894,060	195 174,727	16,409	15,943	95	85	2 406	29,291	73,366	2,505	2,039
46	36	95 726	11 322,513	183 280,667	16,187	15,721	96	86	1 602	18,616	44,075	2,368	1,902
47	37	95 417	10 774,282	171 958,153	15,960	15,494	97	87	1 025	11,369	25,459	2,239	1,773
48	38	95 072	10 248,494	161 183,871	15,728	15,262	98	88	624	6,611	14,090	2,131	1,665
49	39	94 681	9 743,466	150 935,377	15,491	15,025	99	89	364	3,685	7,479	2,030	1,564
							100	90	203	1,958	3,795	1,938	1,472

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	9 265,405	141 667,047	15,290	14,824
1							51	40	93 843	8 801,276	132 401,642	15,043	14,577
2							52	41	93 326	8 355,873	123 600,366	14,792	14,326
3							53	42	92 758	7 928,418	115 244,493	14,536	14,070
4							54	43	92 138	7 518,351	107 316,075	14,274	13,808
5							55	44	91 451	7 123,902	99 797,723	14,009	13,543
6							56	45	90 718	6 746,308	92 673,821	13,737	13,271
7							57	46	89 920	6 383,768	85 927,513	13,460	12,994
8							58	47	89 066	6 036,375	79 543,745	13,177	12,711
9							59	48	88 125	5 701,781	73 507,370	12,892	12,426
10							60	49	87 117	5 380,998	67 805,589	12,601	12,135
11	0	99 451	59 691,941	1 230 024,226	20,606	20,140	61	50	86 013	5 071,890	62 424,591	12,308	11,842
12	1	99 123	56 797,293	1 170 332,285	20,605	20,139	62	51	84 848	4 776,281	57 352,701	12,008	11,542
13	2	99 085	54 200,675	1 113 534,991	20,545	20,079	63	52	83 596	4 492,421	52 576,420	11,703	11,237
14	3	99 060	51 730,016	1 059 334,317	20,478	20,012	64	53	82 269	4 220,654	48 083,999	11,393	10,927
15	4	99 030	49 369,040	1 007 604,300	20,410	19,944	65	54	80 840	3 959,282	43 863,346	11,079	10,613
16	5	98 998	47 115,287	958 235,261	20,338	19,872	66	55	79 327	3 708,977	39 904,063	10,759	10,293
17	6	98 960	44 961,389	911 119,974	20,264	19,798	67	56	77 724	3 469,238	36 195,086	10,433	9,967
18	7	98 918	42 904,471	866 158,585	20,188	19,722	68	57	76 033	3 239,880	32 725,848	10,101	9,635
19	8	98 855	40 932,740	823 254,113	20,112	19,646	69	58	74 231	3 019,668	29 485,969	9,765	9,299
20	9	98 795	39 052,867	782 321,373	20,032	19,566	70	59	72 296	2 807,561	26 466,300	9,427	8,961
21	10	98 729	37 257,336	743 268,506	19,950	19,484	71	60	70 253	2 604,520	23 658,739	9,084	8,618
22	11	98 666	35 544,941	706 011,170	19,862	19,396	72	61	68 064	2 408,938	21 054,219	8,740	8,274
23	12	98 602	33 911,332	670 466,228	19,771	19,305	73	62	65 708	2 220,106	18 645,281	8,398	7,932
24	13	98 541	32 353,277	636 554,896	19,675	19,209	74	63	63 202	2 038,616	16 425,174	8,057	7,591
25	14	98 474	30 865,352	604 201,620	19,575	19,109	75	64	60 515	1 863,415	14 386,559	7,721	7,255
26	15	98 404	29 444,621	573 336,268	19,472	19,006	76	65	57 693	1 695,967	12 523,143	7,384	6,918
27	16	98 330	28 088,448	543 891,646	19,364	18,898	77	66	54 718	1 535,578	10 827,176	7,051	6,585
28	17	98 252	26 793,468	515 803,198	19,251	18,785	78	67	51 571	1 381,641	9 291,598	6,725	6,259
29	18	98 174	25 558,152	489 009,730	19,133	18,667	79	68	48 263	1 234,372	7 909,957	6,408	5,942
30	19	98 089	24 378,167	463 451,578	19,011	18,545	80	69	44 895	1 096,163	6 675,586	6,090	5,624
31	20	98 003	23 252,251	439 073,411	18,883	18,417	81	70	41 387	964,700	5 579,423	5,784	5,318
32	21	97 910	22 176,719	415 821,160	18,750	18,284	82	71	37 832	841,828	4 614,723	5,482	5,016
33	22	97 816	21 150,715	393 644,441	18,611	18,145	83	72	34 253	727,640	3 772,895	5,185	4,719
34	23	97 722	20 172,312	372 493,726	18,466	18,000	84	73	30 678	622,142	3 045,256	4,895	4,429
35	24	97 621	19 237,641	352 321,414	18,314	17,848	85	74	27 123	525,107	2 423,114	4,615	4,149
36	25	97 514	18 345,223	333 083,773	18,156	17,690	86	75	23 599	436,156	1 898,007	4,352	3,886
37	26	97 404	17 493,464	314 738,550	17,992	17,526	87	76	20 174	355,956	1 461,851	4,107	3,641
38	27	97 281	16 679,253	297 245,086	17,821	17,355	88	77	16 873	284,210	1 105,895	3,891	3,425
39	28	97 152	15 901,666	280 565,833	17,644	17,178	89	78	13 913	223,725	821,684	3,673	3,207
40	29	97 012	15 158,829	264 664,167	17,459	16,993	90	79	11 240	172,545	597,959	3,466	3,000
41	30	96 853	14 447,698	249 505,338	17,270	16,804	91	80	8 981	131,612	425,415	3,232	2,766
42	31	96 683	13 768,284	235 057,640	17,072	16,606	92	81	6 923	96,852	293,802	3,034	2,568
43	32	96 495	13 118,473	221 289,356	16,869	16,403	93	82	5 151	68,792	196,951	2,863	2,397
44	33	96 276	12 495,188	208 170,883	16,660	16,194	94	83	3 720	47,432	128,159	2,702	2,236
45	34	96 037	11 898,889	195 675,695	16,445	15,979	95	84	2 599	31,631	80,727	2,552	2,086
46	35	95 766	11 327,341	183 776,806	16,224	15,758	96	85	1 751	20,352	49,095	2,412	1,946
47	36	95 462	10 779,309	172 449,465	15,998	15,532	97	86	1 134	12,585	28,743	2,284	1,818
48	37	95 122	10 253,895	161 670,156	15,767	15,301	98	87	705	7,467	16,158	2,164	1,698
49	38	94 736	9 749,214	151 416,261	15,531	15,065	99	88	417	4,213	8,691	2,063	1,597
							100	89	236	2,276	4,478	1,968	1,502

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	9 270,871	142 101,515	15,328	14,862
1							51	39	93 909	8 807,470	132 830,644	15,082	14,616
2							52	40	93 392	8 361,833	124 023,174	14,832	14,366
3							53	41	92 835	7 935,012	115 661,341	14,576	14,110
4							54	42	92 226	7 525,470	107 726,329	14,315	13,849
5							55	43	91 548	7 131,430	100 200,859	14,051	13,585
6							56	44	90 820	6 753,946	93 069,429	13,780	13,314
7							57	45	90 042	6 392,414	86 315,483	13,503	13,037
8							58	46	89 204	6 045,752	79 923,069	13,220	12,754
9							59	47	88 278	5 711,693	73 877,317	12,934	12,468
10							60	48	87 279	5 390,988	68 165,624	12,644	12,178
11							61	49	86 194	5 082,523	62 774,637	12,351	11,885
12	0	99 442	56 979,606	1 171 117,575	20,553	20,087	62	50	85 046	4 787,466	57 692,114	12,051	11,585
13	1	99 113	54 216,090	1 114 137,968	20,550	20,084	63	51	83 805	4 503,638	52 904,647	11,747	11,281
14	2	99 076	51 738,357	1 059 921,878	20,486	20,020	64	52	82 498	4 232,381	48 401,009	11,436	10,970
15	3	99 044	49 376,119	1 008 183,521	20,418	19,952	65	53	81 087	3 971,352	44 168,628	11,122	10,656
16	4	99 010	47 120,934	958 807,402	20,348	19,882	66	54	79 580	3 720,832	40 197,276	10,803	10,337
17	5	98 969	44 965,457	911 686,467	20,275	19,809	67	55	78 004	3 481,764	36 476,444	10,476	10,010
18	6	98 926	42 907,912	866 721,010	20,200	19,734	68	56	76 323	3 252,215	32 994,680	10,145	9,679
19	7	98 863	40 936,160	823 813,099	20,124	19,658	69	57	74 539	3 032,180	29 742,465	9,809	9,343
20	8	98 801	39 055,293	782 876,938	20,045	19,579	70	58	72 627	2 820,422	26 710,285	9,470	9,004
21	9	98 736	37 259,701	743 821,645	19,963	19,497	71	59	70 590	2 617,025	23 889,864	9,129	8,663
22	10	98 674	35 547,805	706 561,944	19,876	19,410	72	60	68 438	2 422,182	21 272,839	8,783	8,317
23	11	98 610	33 914,026	671 014,139	19,786	19,320	73	61	66 084	2 232,801	18 850,656	8,443	7,977
24	12	98 548	32 355,757	637 100,114	19,690	19,224	74	62	63 602	2 051,488	16 617,855	8,100	7,634
25	13	98 484	30 868,389	604 744,357	19,591	19,125	75	63	60 921	1 875,955	14 566,367	7,765	7,299
26	14	98 416	29 448,267	573 875,968	19,488	19,022	76	64	58 111	1 708,259	12 690,442	7,429	6,963
27	15	98 343	28 092,257	544 427,701	19,380	18,914	77	65	55 145	1 547,560	10 982,183	7,096	6,630
28	16	98 268	26 797,776	516 335,445	19,268	18,802	78	66	51 999	1 393,092	9 434,622	6,772	6,306
29	17	98 191	25 562,639	489 537,669	19,151	18,685	79	67	48 702	1 245,606	8 041,531	6,456	5,990
30	18	98 111	24 383,493	463 975,030	19,028	18,562	80	68	45 339	1 107,006	6 795,924	6,139	5,673
31	19	98 024	23 257,253	439 591,537	18,901	18,435	81	69	41 846	975,398	5 688,918	5,832	5,366
32	20	97 930	22 181,400	416 334,284	18,770	18,304	82	70	38 289	852,007	4 713,520	5,532	5,066
33	21	97 837	21 155,287	394 152,884	18,631	18,165	83	71	34 716	737,480	3 861,513	5,236	4,770
34	22	97 745	20 176,949	372 997,597	18,486	18,020	84	72	31 160	631,921	3 124,033	4,944	4,478
35	23	97 643	19 242,018	352 820,648	18,336	17,870	85	73	27 602	534,371	2 492,112	4,664	4,198
36	24	97 536	18 349,394	333 578,630	18,179	17,713	86	74	24 064	444,750	1 957,742	4,402	3,936
37	25	97 425	17 497,363	315 229,236	18,016	17,550	87	75	20 634	364,068	1 512,991	4,156	3,690
38	26	97 307	16 683,710	297 731,873	17,846	17,380	88	76	17 312	291,602	1 148,923	3,940	3,474
39	27	97 177	15 905,771	281 048,162	17,670	17,204	89	77	14 328	230,396	857,321	3,721	3,255
40	28	97 038	15 162,768	265 142,391	17,486	17,020	90	78	11 627	178,481	626,926	3,513	3,047
41	29	96 880	14 451,706	249 979,623	17,298	16,832	91	79	9 331	136,747	448,445	3,279	2,813
42	30	96 709	13 772,064	235 527,917	17,102	16,636	92	80	7 237	101,243	311,698	3,079	2,613
43	31	96 527	13 122,751	221 755,853	16,899	16,433	93	81	5 419	72,374	210,455	2,908	2,442
44	32	96 310	12 499,517	208 633,102	16,691	16,225	94	82	3 944	50,292	138,081	2,746	2,280
45	33	96 072	11 903,196	196 133,585	16,477	16,011	95	83	2 779	33,829	87,789	2,595	2,129
46	34	95 805	11 331,939	184 230,389	16,258	15,792	96	84	1 891	21,978	53,960	2,455	1,989
47	35	95 503	10 783,905	172 898,450	16,033	15,567	97	85	1 240	13,758	31,982	2,324	1,858
48	36	95 167	10 258,678	162 114,545	15,803	15,337	98	86	781	8,266	18,223	2,205	1,739
49	37	94 786	9 754,352	151 855,867	15,568	15,102	99	87	471	4,759	9,957	2,092	1,626
							100	88	270	2,602	5,198	1,997	1,531

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	9 275,757	142 498,638	15,362	14,896
1							51	38	93 964	8 812,665	133 222,881	15,117	14,651
2							52	39	93 458	8 367,718	124 410,216	14,868	14,402
3							53	40	92 901	7 940,672	116 042,498	14,614	14,148
4							54	41	92 302	7 531,729	108 101,826	14,353	13,887
5							55	42	91 635	7 138,182	100 570,097	14,089	13,623
6							56	43	90 916	6 761,082	93 431,915	13,819	13,353
7							57	44	90 144	6 399,651	86 670,833	13,543	13,077
8							58	45	89 325	6 053,940	80 271,182	13,259	12,793
9							59	46	88 415	5 720,565	74 217,242	12,974	12,508
10							60	47	87 431	5 400,359	68 496,676	12,684	12,218
11							61	48	86 354	5 091,958	63 096,317	12,391	11,925
12							62	49	85 225	4 797,503	58 004,359	12,091	11,625
13	0	99 431	54 390,117	1 114 864,931	20,498	20,032	63	50	84 001	4 514,185	53 206,856	11,787	11,321
14	1	99 104	51 753,072	1 060 474,814	20,491	20,025	64	51	82 704	4 242,949	48 692,670	11,476	11,010
15	2	99 060	49 384,081	1 008 721,742	20,426	19,960	65	52	81 312	3 982,387	44 449,721	11,162	10,696
16	3	99 024	47 127,692	959 337,661	20,356	19,890	66	53	79 823	3 732,175	40 467,334	10,843	10,377
17	4	98 980	44 970,847	912 209,969	20,284	19,818	67	54	78 254	3 492,893	36 735,159	10,517	10,051
18	5	98 935	42 911,793	867 239,122	20,210	19,744	68	55	76 598	3 263,957	33 242,267	10,185	9,719
19	6	98 871	40 939,443	824 327,329	20,135	19,669	69	56	74 823	3 043,724	29 978,310	9,849	9,383
20	7	98 809	39 058,556	783 387,886	20,057	19,591	70	57	72 928	2 832,108	26 934,585	9,510	9,044
21	8	98 742	37 262,016	744 329,330	19,976	19,510	71	58	70 914	2 629,013	24 102,478	9,168	8,702
22	9	98 680	35 550,062	707 067,314	19,889	19,423	72	59	68 767	2 433,812	21 473,465	8,823	8,357
23	10	98 618	33 916,758	671 517,253	19,799	19,333	73	60	66 447	2 245,077	19 039,653	8,481	8,015
24	11	98 556	32 358,327	637 600,495	19,704	19,238	74	61	63 965	2 063,219	16 794,577	8,140	7,674
25	12	98 491	30 870,755	605 242,168	19,606	19,140	75	62	61 306	1 887,771	14 731,358	7,804	7,338
26	13	98 425	29 451,164	574 371,413	19,503	19,036	76	63	58 501	1 719,728	12 843,587	7,468	7,002
27	14	98 356	28 095,735	544 920,249	19,395	18,929	77	64	55 545	1 558,777	11 123,860	7,136	6,670
28	15	98 281	26 801,409	516 824,514	19,283	18,817	78	65	52 405	1 403,962	9 565,083	6,813	6,347
29	16	98 207	25 566,749	490 023,105	19,166	18,700	79	66	49 106	1 255,930	8 161,121	6,498	6,032
30	17	98 128	24 387,774	464 456,356	19,045	18,579	80	67	45 752	1 117,082	6 905,191	6,181	5,715
31	18	98 046	23 262,334	440 068,582	18,918	18,452	81	68	42 260	985,046	5 788,109	5,876	5,410
32	19	97 952	22 186,171	416 806,248	18,787	18,321	82	69	38 714	861,456	4 803,063	5,576	5,110
33	20	97 857	21 159,752	394 620,077	18,650	18,184	83	70	35 136	746,398	3 941,607	5,281	4,815
34	21	97 766	20 181,311	373 460,325	18,505	18,039	84	71	31 582	640,466	3 195,209	4,989	4,523
35	22	97 666	19 246,441	353 279,014	18,356	17,890	85	72	28 036	542,770	2 554,743	4,707	4,241
36	23	97 559	18 353,569	334 032,574	18,200	17,734	86	73	24 488	452,596	2 011,973	4,445	3,979
37	24	97 447	17 501,342	315 679,004	18,037	17,571	87	74	21 041	371,242	1 559,377	4,200	3,734
38	25	97 329	16 687,429	298 177,662	17,868	17,402	88	75	17 706	298,247	1 188,135	3,984	3,518
39	26	97 203	15 910,022	281 490,233	17,693	17,227	89	76	14 701	236,388	889,887	3,765	3,299
40	27	97 063	15 166,683	265 580,211	17,511	17,045	90	77	11 973	183,803	653,500	3,555	3,089
41	28	96 905	14 455,461	250 413,529	17,323	16,857	91	78	9 652	141,452	469,697	3,321	2,855
42	29	96 736	13 775,885	235 958,068	17,128	16,662	92	79	7 519	105,193	328,246	3,120	2,654
43	30	96 553	13 126,353	222 182,183	16,926	16,460	93	80	5 665	75,655	223,052	2,948	2,482
44	31	96 341	12 503,594	209 055,830	16,720	16,254	94	81	4 150	52,911	147,397	2,786	2,320
45	32	96 105	11 907,320	196 552,236	16,507	16,041	95	82	2 947	35,869	94,486	2,634	2,168
46	33	95 840	11 336,041	184 644,916	16,288	15,822	96	83	2 023	23,505	58,618	2,494	2,028
47	34	95 541	10 788,283	173 308,875	16,065	15,599	97	84	1 339	14,858	35,112	2,363	1,897
48	35	95 207	10 263,052	162 520,593	15,836	15,369	98	85	853	9,037	20,255	2,241	1,775
49	36	94 831	9 758,903	152 257,541	15,602	15,136	99	86	521	5,268	11,218	2,129	1,663
							100	87	305	2,939	5,949	2,024	1,558

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	9 280,084	142 861,460	15,394	14,928
1							51	37	94 014	8 817,309	133 581,376	15,150	14,684
2							52	38	93 513	8 372,654	124 764,066	14,901	14,435
3							53	39	92 966	7 946,260	116 391,412	14,647	14,181
4							54	40	92 368	7 537,101	108 445,152	14,388	13,922
5							55	41	91 711	7 144,119	100 908,050	14,125	13,659
6							56	42	91 002	6 767,484	93 763,932	13,855	13,389
7							57	43	90 239	6 406,413	86 996,448	13,580	13,114
8							58	44	89 426	6 060,794	80 590,034	13,297	12,831
9							59	45	88 535	5 728,313	74 529,241	13,011	12,545
10							60	46	87 567	5 408,748	68 800,928	12,720	12,254
11							61	47	86 504	5 100,810	63 392,180	12,428	11,962
12							62	48	85 383	4 806,409	58 291,369	12,128	11,662
13							63	49	84 177	4 523,649	53 484,960	11,823	11,357
14	0	99 422	51 919,194	1 061 148,016	20,438	19,972	64	50	82 898	4 252,886	48 961,311	11,512	11,046
15	1	99 088	49 398,126	1 009 228,823	20,431	19,964	65	51	81 515	3 992,331	44 708,425	11,199	10,733
16	2	99 040	47 135,291	959 830,696	20,363	19,897	66	52	80 045	3 742,545	40 716,094	10,879	10,413
17	3	98 995	44 977,296	912 695,405	20,292	19,826	67	53	78 492	3 503,540	36 973,549	10,553	10,087
18	4	98 947	42 916,937	867 718,110	20,219	19,753	68	54	76 843	3 274,390	33 470,009	10,222	9,756
19	5	98 880	40 943,147	824 801,173	20,145	19,679	69	55	75 093	3 054,714	30 195,619	9,885	9,419
20	6	98 817	39 061,688	783 858,026	20,067	19,601	70	56	73 205	2 842,890	27 140,905	9,547	9,081
21	7	98 750	37 265,129	744 796,339	19,986	19,520	71	57	71 207	2 639,906	24 298,015	9,204	8,738
22	8	98 686	35 552,270	707 531,210	19,901	19,435	72	58	69 082	2 444,960	21 658,109	8,858	8,392
23	9	98 624	33 918,911	671 978,940	19,811	19,345	73	59	66 766	2 255,856	19 213,149	8,517	8,051
24	10	98 564	32 360,934	638 060,028	19,717	19,251	74	60	64 317	2 074,562	16 957,293	8,174	7,708
25	11	98 499	30 873,207	605 699,095	19,619	19,153	75	61	61 656	1 898,565	14 882,731	7,839	7,373
26	12	98 433	29 453,422	574 825,888	19,516	19,050	76	62	58 871	1 730,587	12 984,166	7,503	7,037
27	13	98 365	28 098,499	545 372,466	19,409	18,943	77	63	55 918	1 569,242	11 253,580	7,171	6,705
28	14	98 293	26 804,728	517 273,967	19,298	18,832	78	64	52 784	1 414,137	9 684,338	6,848	6,382
29	15	98 220	25 570,215	490 469,239	19,181	18,715	79	65	49 489	1 265,730	8 270,201	6,534	6,068
30	16	98 144	24 391,695	464 899,024	19,060	18,594	80	66	46 131	1 126,340	7 004,471	6,219	5,753
31	17	98 063	23 266,418	440 507,329	18,933	18,467	81	67	42 645	994,012	5 878,131	5,914	5,448
32	18	97 973	22 191,018	417 240,910	18,802	18,336	82	68	39 097	869,977	4 884,119	5,614	5,148
33	19	97 878	21 164,303	395 049,892	18,666	18,200	83	69	35 526	754,675	4 014,141	5,319	4,853
34	20	97 786	20 185,570	373 885,589	18,522	18,056	84	70	31 964	648,211	3 259,466	5,028	4,562
35	21	97 687	19 250,602	353 700,019	18,373	17,907	85	71	28 415	550,110	2 611,255	4,747	4,281
36	22	97 581	18 357,788	334 449,418	18,218	17,752	86	72	24 873	459,710	2 061,145	4,484	4,018
37	23	97 470	17 505,324	316 091,630	18,057	17,591	87	73	21 412	377,791	1 601,435	4,239	3,773
38	24	97 351	16 691,224	298 586,306	17,889	17,423	88	74	18 055	304,124	1 223,643	4,024	3,557
39	25	97 224	15 913,568	281 895,082	17,714	17,248	89	75	15 036	241,775	919,519	3,803	3,337
40	26	97 089	15 170,736	265 981,514	17,533	17,067	90	76	12 285	188,583	677,745	3,594	3,128
41	27	96 930	14 459,193	250 810,779	17,346	16,880	91	77	9 940	145,669	489,162	3,358	2,892
42	28	96 761	13 779,464	236 351,586	17,152	16,686	92	78	7 778	108,812	343,492	3,157	2,691
43	29	96 580	13 129,995	222 572,122	16,951	16,485	93	79	5 886	78,607	234,681	2,985	2,519
44	30	96 368	12 507,026	209 442,127	16,746	16,280	94	80	4 338	55,310	156,073	2,822	2,356
45	31	96 136	11 911,203	196 935,100	16,534	16,068	95	81	3 100	37,736	100,763	2,670	2,204
46	32	95 873	11 339,968	185 023,897	16,316	15,850	96	82	2 145	24,922	63,027	2,529	2,063
47	33	95 576	10 792,187	173 683,929	16,093	15,627	97	83	1 432	15,890	38,105	2,398	1,932
48	34	95 246	10 267,219	162 891,742	15,865	15,399	98	84	922	9,759	22,215	2,276	1,810
49	35	94 871	9 763,063	152 624,523	15,633	15,167	99	85	570	5,760	12,456	2,163	1,697
							100	86	337	3,254	6,696	2,058	1,592

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	9 284,041	143 192,921	15,424	14,958
1							51	36	94 058	8 821,423	133 908,880	15,180	14,714
2							52	37	93 562	8 377,067	125 087,458	14,932	14,466
3							53	38	93 021	7 950,948	116 710,391	14,679	14,213
4							54	39	92 433	7 542,405	108 759,443	14,420	13,954
5							55	40	91 776	7 149,215	101 217,038	14,158	13,692
6							56	41	91 078	6 773,112	94 067,823	13,888	13,422
7							57	42	90 325	6 412,479	87 294,711	13,613	13,147
8							58	43	89 520	6 067,198	80 882,232	13,331	12,865
9							59	44	88 635	5 734,798	74 815,034	13,046	12,580
10							60	45	87 685	5 416,074	69 080,235	12,755	12,289
11							61	46	86 638	5 108,734	63 664,162	12,462	11,996
12							62	47	85 531	4 814,765	58 555,428	12,162	11,696
13							63	48	84 333	4 532,047	53 740,663	11,858	11,392
14							64	49	83 071	4 261,802	49 208,617	11,546	11,080
15	0	99 406	49 556,689	1 009 852,456	20,378	19,912	65	50	81 706	4 001,680	44 946,815	11,232	10,766
16	1	99 068	47 148,697	960 295,768	20,367	19,901	66	51	80 245	3 751,890	40 945,134	10,913	10,447
17	2	99 011	44 984,548	913 147,071	20,299	19,833	67	52	78 710	3 513,275	37 193,244	10,586	10,120
18	3	98 961	42 923,092	868 162,523	20,226	19,760	68	53	77 077	3 284,372	33 679,969	10,255	9,789
19	4	98 892	40 948,054	825 239,432	20,153	19,687	69	54	75 333	3 064,478	30 395,597	9,919	9,453
20	5	98 826	39 065,222	784 291,378	20,076	19,610	70	55	73 470	2 853,155	27 331,120	9,579	9,113
21	6	98 758	37 268,117	745 226,156	19,996	19,530	71	56	71 478	2 649,957	24 477,965	9,237	8,771
22	7	98 694	35 555,240	707 958,039	19,911	19,445	72	57	69 368	2 455,090	21 828,008	8,891	8,425
23	8	98 631	33 921,018	672 402,798	19,823	19,357	73	58	67 072	2 266,189	19 372,918	8,549	8,083
24	9	98 570	32 362,988	638 481,780	19,729	19,263	74	59	64 626	2 084,523	17 106,729	8,207	7,741
25	10	98 507	30 875,694	606 118,792	19,631	19,165	75	60	61 995	1 909,003	15 022,206	7,869	7,403
26	11	98 441	29 455,761	575 243,098	19,529	19,063	76	61	59 207	1 740,482	13 113,203	7,534	7,068
27	12	98 373	28 100,653	545 787,337	19,423	18,957	77	62	56 271	1 579,150	11 372,721	7,202	6,736
28	13	98 303	26 807,365	517 686,684	19,311	18,845	78	63	53 139	1 423,631	9 793,571	6,879	6,413
29	14	98 232	25 573,381	490 879,319	19,195	18,729	79	64	49 848	1 274,904	8 369,940	6,565	6,099
30	15	98 157	24 395,002	465 305,938	19,074	18,608	80	65	46 491	1 135,129	7 095,036	6,250	5,784
31	16	98 079	23 270,159	440 910,935	18,947	18,481	81	66	42 998	1 002,250	5 959,907	5,947	5,481
32	17	97 990	22 194,914	417 640,776	18,817	18,351	82	67	39 452	877,895	4 957,657	5,647	5,181
33	18	97 900	21 168,927	395 445,862	18,680	18,214	83	68	35 877	762,140	4 079,761	5,353	4,887
34	19	97 807	20 189,912	374 276,935	18,538	18,072	84	69	32 318	655,400	3 317,621	5,062	4,596
35	20	97 707	19 254,664	354 087,023	18,390	17,924	85	70	28 758	556,762	2 662,221	4,782	4,316
36	21	97 602	18 361,756	334 832,359	18,235	17,769	86	71	25 210	465,927	2 105,459	4,519	4,053
37	22	97 492	17 509,348	316 470,602	18,074	17,608	87	72	21 748	383,730	1 639,532	4,273	3,807
38	23	97 373	16 695,021	298 961,255	17,907	17,441	88	73	18 374	309,489	1 255,802	4,058	3,592
39	24	97 246	15 917,187	282 266,234	17,733	17,267	89	74	15 332	246,539	946,313	3,838	3,372
40	25	97 110	15 174,117	266 349,047	17,553	17,087	90	75	12 565	192,880	699,774	3,628	3,162
41	26	96 956	14 463,057	251 174,930	17,367	16,901	91	76	10 198	149,458	506,894	3,392	2,926
42	27	96 786	13 783,022	236 711,873	17,174	16,708	92	77	8 010	112,056	357,436	3,190	2,724
43	28	96 605	13 133,406	222 928,851	16,974	16,508	93	78	6 088	81,311	245,380	3,018	2,552
44	29	96 394	12 510,496	209 795,445	16,770	16,304	94	79	4 507	57,468	164,068	2,855	2,389
45	30	96 163	11 914,473	197 284,948	16,558	16,092	95	80	3 241	39,447	106,600	2,702	2,236
46	31	95 904	11 343,667	185 370,476	16,341	15,875	96	81	2 256	26,220	67,153	2,561	2,095
47	32	95 609	10 795,926	174 026,809	16,120	15,654	97	82	1 519	16,848	40,933	2,430	1,964
48	33	95 280	10 270,935	163 230,883	15,893	15,426	98	83	986	10,437	24,085	2,308	1,842
49	34	94 910	9 767,027	152 959,948	15,661	15,195	99	84	615	6,220	13,648	2,194	1,728
							100	85	369	3,557	7,428	2,088	1,622

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	9 287,810	143 495,868	15,450	14,984
1							51	35	94 098	8 825,184	134 208,058	15,207	14,741
2							52	36	93 606	8 380,975	125 382,875	14,960	14,494
3							53	37	93 070	7 955,138	117 001,900	14,708	14,242
4							54	38	92 488	7 546,855	109 046,762	14,449	13,983
5							55	39	91 841	7 154,246	101 499,907	14,187	13,721
6							56	40	91 143	6 777,943	94 345,661	13,920	13,454
7							57	41	90 400	6 417,812	87 567,718	13,644	13,178
8							58	42	89 605	6 072,943	81 149,905	13,363	12,897
9							59	43	88 729	5 740,858	75 076,963	13,078	12,612
10							60	44	87 784	5 422,205	69 336,105	12,787	12,321
11							61	45	86 755	5 115,653	63 913,900	12,494	12,028
12							62	46	85 664	4 822,244	58 798,247	12,193	11,727
13							63	47	84 480	4 539,926	53 976,003	11,889	11,423
14							64	48	83 226	4 269,713	49 436,078	11,578	11,112
15							65	49	81 877	4 010,070	45 166,364	11,263	10,797
16	0	99 386	47 300,039	960 873,695	20,314	19,848	66	50	80 433	3 760,677	41 156,294	10,944	10,478
17	1	99 039	44 997,342	913 573,656	20,303	19,837	67	51	78 907	3 522,048	37 395,617	10,618	10,152
18	2	98 977	42 930,013	868 576,314	20,232	19,766	68	52	77 291	3 293,497	33 873,570	10,285	9,819
19	3	98 906	40 953,926	825 646,302	20,160	19,694	69	53	75 563	3 073,820	30 580,072	9,949	9,483
20	4	98 838	39 069,904	784 692,375	20,084	19,618	70	54	73 704	2 862,274	27 506,253	9,610	9,144
21	5	98 767	37 271,489	745 622,471	20,005	19,539	71	55	71 737	2 659,524	24 643,978	9,266	8,800
22	6	98 702	35 558,091	708 350,983	19,921	19,455	72	56	69 632	2 464,438	21 984,454	8,921	8,455
23	7	98 639	33 923,852	672 792,891	19,832	19,366	73	57	67 350	2 275,579	19 520,016	8,578	8,112
24	8	98 576	32 364,998	638 869,039	19,740	19,273	74	58	64 922	2 094,071	17 244,438	8,235	7,769
25	9	98 513	30 877,655	606 504,041	19,642	19,176	75	59	62 293	1 918,169	15 150,367	7,898	7,432
26	10	98 449	29 458,134	575 626,386	19,540	19,074	76	60	59 533	1 750,051	13 232,198	7,561	7,095
27	11	98 381	28 102,885	546 168,252	19,435	18,969	77	61	56 593	1 588,180	11 482,147	7,230	6,764
28	12	98 311	26 809,420	518 065,367	19,324	18,858	78	62	53 474	1 432,621	9 893,967	6,906	6,440
29	13	98 242	25 575,897	491 255,947	19,208	18,742	79	63	50 182	1 283,463	8 461,346	6,593	6,127
30	14	98 169	24 398,023	465 680,050	19,087	18,621	80	64	46 828	1 143,356	7 177,884	6,278	5,812
31	15	98 092	23 273,314	441 282,027	18,961	18,495	81	65	43 334	1 010,071	6 034,527	5,974	5,508
32	16	98 006	22 198,483	418 008,713	18,831	18,364	82	66	39 779	885,171	5 024,457	5,676	5,210
33	17	97 917	21 172,644	395 810,230	18,694	18,228	83	67	36 204	769,077	4 139,285	5,382	4,916
34	18	97 829	20 194,323	374 637,586	18,552	18,086	84	68	32 638	661,883	3 370,208	5,092	4,626
35	19	97 728	19 258,806	354 443,263	18,404	17,938	85	69	29 077	562,937	2 708,326	4,811	4,345
36	20	97 623	18 365,631	335 184,458	18,251	17,785	86	70	25 514	471,562	2 145,389	4,550	4,084
37	21	97 513	17 513,133	316 818,826	18,090	17,624	87	71	22 042	388,919	1 673,827	4,304	3,838
38	22	97 396	16 698,858	299 305,693	17,924	17,458	88	72	18 663	314,354	1 284,909	4,087	3,621
39	23	97 269	15 920,808	282 606,835	17,751	17,285	89	73	15 602	250,888	970,555	3,868	3,402
40	24	97 132	15 177,568	266 686,027	17,571	17,105	90	74	12 812	196,681	719,667	3,659	3,193
41	25	96 978	14 466,281	251 508,459	17,386	16,920	91	75	10 431	152,864	522,986	3,421	2,955
42	26	96 812	13 786,705	237 042,178	17,194	16,728	92	76	8 218	114,971	370,122	3,219	2,753
43	27	96 630	13 136,797	223 255,473	16,995	16,529	93	77	6 270	83,736	255,151	3,047	2,581
44	28	96 419	12 513,747	210 118,676	16,791	16,325	94	78	4 662	59,445	171,415	2,884	2,418
45	29	96 189	11 917,778	197 604,929	16,581	16,115	95	79	3 367	40,986	111,970	2,732	2,266
46	30	95 931	11 346,781	185 687,151	16,365	15,899	96	80	2 359	27,409	70,984	2,590	2,124
47	31	95 640	10 799,447	174 340,370	16,143	15,677	97	81	1 598	17,725	43,575	2,458	1,992
48	32	95 313	10 274,493	163 540,923	15,917	15,451	98	82	1 045	11,066	25,850	2,336	1,870
49	33	94 944	9 770,562	153 266,430	15,687	15,221	99	83	658	6,652	14,783	2,222	1,756
							100	84	398	3,841	8,131	2,117	1,651



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	9 291,171	143 772,657	15,474	15,008
1							51	34	94 136	8 828,767	134 481,486	15,232	14,766
2							52	35	93 646	8 384,548	125 652,719	14,986	14,520
3							53	36	93 114	7 958,849	117 268,171	14,734	14,268
4							54	37	92 536	7 550,832	109 309,322	14,476	14,010
5							55	38	91 895	7 158,466	101 758,490	14,215	13,749
6							56	39	91 207	6 782,713	94 600,023	13,947	13,481
7							57	40	90 464	6 422,390	87 817,310	13,674	13,208
8							58	41	89 680	6 077,993	81 394,920	13,392	12,926
9							59	42	88 813	5 746,294	75 316,927	13,107	12,641
10							60	43	87 877	5 427,935	69 570,633	12,817	12,351
11							61	44	86 854	5 121,444	64 142,698	12,524	12,058
12							62	45	85 780	4 828,775	59 021,254	12,223	11,757
13							63	46	84 611	4 546,978	54 192,479	11,918	11,452
14							64	47	83 370	4 277,136	49 645,502	11,607	11,141
15							65	48	82 029	4 017,514	45 368,366	11,293	10,827
16							66	49	80 601	3 768,561	41 350,851	10,973	10,507
17	0	99 357	45 141,778	914 109,415	20,250	19,784	67	50	79 092	3 530,296	37 582,290	10,646	10,180
18	1	99 005	42 942,222	868 967,637	20,236	19,770	68	51	77 484	3 301,721	34 051,994	10,313	9,847
19	2	98 922	40 960,530	826 025,415	20,166	19,700	69	52	75 772	3 082,360	30 750,273	9,976	9,510
20	3	98 852	39 075,507	785 064,885	20,091	19,625	70	53	73 929	2 871,000	27 667,913	9,637	9,171
21	4	98 779	37 275,956	745 989,378	20,013	19,547	71	54	71 966	2 668,025	24 796,913	9,294	8,828
22	5	98 711	35 561,308	708 713,422	19,929	19,463	72	55	69 883	2 473,336	22 128,888	8,947	8,481
23	6	98 647	33 926,572	673 152,114	19,841	19,375	73	56	67 606	2 284,243	19 655,552	8,605	8,139
24	7	98 584	32 367,703	639 225,541	19,749	19,283	74	57	65 191	2 102,747	17 371,310	8,261	7,795
25	8	98 519	30 879,573	606 857,839	19,652	19,186	75	58	62 578	1 926,955	15 268,562	7,924	7,458
26	9	98 455	29 460,004	575 978,266	19,551	19,085	76	59	59 819	1 758,454	13 341,607	7,587	7,121
27	10	98 389	28 105,149	546 518,261	19,445	18,979	77	60	56 904	1 596,912	11 583,154	7,253	6,787
28	11	98 318	26 811,549	518 413,113	19,335	18,869	78	61	53 780	1 440,812	9 986,242	6,931	6,465
29	12	98 250	25 577,858	491 601,563	19,220	18,754	79	62	50 499	1 291,567	8 545,430	6,616	6,150
30	13	98 179	24 400,423	466 023,705	19,099	18,633	80	63	47 142	1 151,032	7 253,863	6,302	5,836
31	14	98 104	23 276,196	441 623,283	18,973	18,507	81	64	43 648	1 017,392	6 102,831	5,999	5,532
32	15	98 019	22 201,492	418 347,087	18,843	18,377	82	65	40 090	892,078	5 085,439	5,701	5,235
33	16	97 933	21 176,048	396 145,594	18,707	18,241	83	66	36 504	775,451	4 193,361	5,408	4,942
34	17	97 846	20 197,869	374 969,546	18,565	18,099	84	67	32 935	667,907	3 417,910	5,117	4,651
35	18	97 750	19 263,014	354 771,678	18,417	17,951	85	68	29 365	568,505	2 750,003	4,837	4,371
36	19	97 644	18 369,582	335 508,664	18,264	17,798	86	69	25 797	476,791	2 181,498	4,575	4,109
37	20	97 534	17 516,829	317 139,082	18,105	17,639	87	70	22 309	393,622	1 704,707	4,331	3,865
38	21	97 417	16 702,469	299 622,254	17,939	17,473	88	71	18 915	318,605	1 311,085	4,115	3,649
39	22	97 291	15 924,468	282 919,785	17,766	17,300	89	72	15 848	254,832	992,480	3,895	3,429
40	23	97 154	15 181,021	266 995,317	17,587	17,121	90	73	13 038	200,151	737,648	3,685	3,219
41	24	97 000	14 469,570	251 814,297	17,403	16,937	91	74	10 636	155,876	537,497	3,448	2,982
42	25	96 834	13 789,778	237 344,726	17,212	16,746	92	75	8 405	117,591	381,622	3,245	2,779
43	26	96 656	13 140,308	223 554,948	17,013	16,547	93	76	6 433	85,914	264,031	3,073	2,607
44	27	96 444	12 516,978	210 414,640	16,810	16,344	94	77	4 801	61,218	178,117	2,910	2,444
45	28	96 214	11 920,875	197 897,663	16,601	16,135	95	78	3 483	42,396	116,900	2,757	2,291
46	29	95 957	11 349,929	185 976,788	16,386	15,920	96	79	2 451	28,478	74,503	2,616	2,150
47	30	95 667	10 802,412	174 626,860	16,166	15,700	97	80	1 670	18,529	46,025	2,484	2,018
48	31	95 344	10 277,844	163 824,448	15,940	15,474	98	81	1 099	11,643	27,496	2,362	1,896
49	32	94 977	9 773,947	153 546,604	15,710	15,244	99	82	698	7,053	15,853	2,248	1,782
							100	83	426	4,108	8,800	2,142	1,676

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	9 294,390	144 025,671	15,496	15,030
1							51	33	94 170	8 831,962	134 731,280	15,255	14,789
2							52	34	93 684	8 387,952	125 899,318	15,010	14,544
3							53	35	93 153	7 962,242	117 511,366	14,759	14,293
4							54	36	92 580	7 554,355	109 549,124	14,501	14,035
5							55	37	91 943	7 162,239	101 994,770	14,241	13,775
6							56	38	91 261	6 786,715	94 832,531	13,973	13,507
7							57	39	90 528	6 426,910	88 045,816	13,700	13,234
8							58	40	89 744	6 082,329	81 618,906	13,419	12,953
9							59	41	88 887	5 751,073	75 536,577	13,134	12,668
10							60	42	87 960	5 433,074	69 785,505	12,845	12,379
11							61	43	86 945	5 126,856	64 352,431	12,552	12,086
12							62	44	85 877	4 834,242	59 225,575	12,251	11,785
13							63	45	84 726	4 553,136	54 391,333	11,946	11,480
14							64	46	83 500	4 283,780	49 838,197	11,634	11,168
15							65	47	82 172	4 024,498	45 554,417	11,319	10,853
16							66	48	80 751	3 775,557	41 529,919	11,000	10,534
17							67	49	79 258	3 537,697	37 754,362	10,672	10,206
18	0	99 323	43 080,062	869 464,482	20,183	19,717	68	50	77 666	3 309,454	34 216,665	10,339	9,873
19	1	98 950	40 972,179	826 384,420	20,169	19,703	69	51	75 962	3 090,057	30 907,211	10,002	9,536
20	2	98 868	39 081,808	785 412,240	20,097	19,631	70	52	74 135	2 878,977	27 817,154	9,662	9,196
21	3	98 793	37 281,302	746 330,433	20,019	19,553	71	53	72 185	2 676,159	24 938,177	9,319	8,853
22	4	98 723	35 565,571	709 049,131	19,936	19,470	72	54	70 107	2 481,241	22 262,019	8,972	8,506
23	5	98 656	33 929,642	673 483,560	19,849	19,383	73	55	67 850	2 292,490	19 780,778	8,629	8,163
24	6	98 592	32 370,298	639 553,919	19,757	19,291	74	56	65 439	2 110,753	17 488,288	8,285	7,819
25	7	98 528	30 882,153	607 183,621	19,661	19,195	75	57	62 838	1 934,939	15 377,534	7,947	7,481
26	8	98 461	29 461,834	576 301,468	19,561	19,095	76	58	60 093	1 766,508	13 442,595	7,610	7,144
27	9	98 395	28 106,933	546 839,634	19,456	18,990	77	59	57 177	1 604,579	11 676,087	7,277	6,811
28	10	98 326	26 813,709	518 732,700	19,346	18,880	78	60	54 076	1 448,734	10 071,508	6,952	6,486
29	11	98 257	25 579,889	491 918,991	19,231	18,765	79	61	50 788	1 298,952	8 622,774	6,638	6,172
30	12	98 186	24 402,293	466 339,102	19,110	18,644	80	62	47 440	1 158,300	7 323,822	6,323	5,857
31	13	98 114	23 278,486	441 936,808	18,985	18,519	81	63	43 941	1 024,222	6 165,522	6,020	5,554
32	14	98 031	22 204,241	418 658,323	18,855	18,389	82	64	40 380	898,544	5 141,300	5,722	5,256
33	15	97 946	21 178,919	396 454,081	18,719	18,253	83	65	36 789	781,502	4 242,756	5,429	4,963
34	16	97 862	20 201,116	375 275,162	18,577	18,111	84	66	33 208	673,443	3 461,255	5,140	4,674
35	17	97 767	19 266,395	355 074,046	18,430	17,964	85	67	29 632	573,679	2 787,812	4,860	4,394
36	18	97 665	18 373,595	335 807,651	18,277	17,811	86	68	26 053	481,507	2 214,133	4,598	4,132
37	19	97 555	17 520,597	317 434,055	18,118	17,652	87	69	22 556	397,987	1 732,625	4,353	3,887
38	20	97 437	16 705,993	299 913,459	17,952	17,486	88	70	19 144	322,458	1 334,638	4,139	3,673
39	21	97 312	15 927,910	283 207,465	17,781	17,315	89	71	16 062	258,278	1 012,180	3,919	3,453
40	22	97 177	15 184,510	267 279,555	17,602	17,136	90	72	13 243	203,297	753,903	3,708	3,242
41	23	97 022	14 472,862	252 095,045	17,418	16,952	91	73	10 824	158,626	550,606	3,471	3,005
42	24	96 856	13 792,914	237 622,182	17,228	16,762	92	74	8 571	119,908	391,980	3,269	2,803
43	25	96 678	13 143,237	223 829,269	17,030	16,564	93	75	6 579	87,871	272,072	3,096	2,630
44	26	96 470	12 520,322	210 686,032	16,828	16,362	94	76	4 926	62,810	184,201	2,933	2,467
45	27	96 239	11 923,953	198 165,709	16,619	16,153	95	77	3 587	43,661	121,391	2,780	2,314
46	28	95 982	11 352,877	186 241,757	16,405	15,939	96	78	2 535	29,458	77,731	2,639	2,173
47	29	95 693	10 805,409	174 888,879	16,185	15,719	97	79	1 735	19,252	48,273	2,507	2,041
48	30	95 371	10 280,665	164 083,471	15,960	15,494	98	80	1 149	12,170	29,021	2,385	1,919
49	31	95 008	9 777,134	153 802,805	15,731	15,265	99	81	734	7,420	16,850	2,271	1,805
							100	82	451	4,356	9,430	2,165	1,699

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	9 297,422	144 257,017	15,516	15,050
1							51	32	94 203	8 835,022	134 959,595	15,276	14,810
2							52	33	93 718	8 390,988	126 124,573	15,031	14,565
3							53	34	93 191	7 965,475	117 733,586	14,780	14,314
4							54	35	92 619	7 557,575	109 768,111	14,524	14,058
5							55	36	91 986	7 165,580	102 210,536	14,264	13,798
6							56	37	91 309	6 790,291	95 044,955	13,997	13,531
7							57	38	90 581	6 430,701	88 254,664	13,724	13,258
8							58	39	89 807	6 086,609	81 823,963	13,443	12,977
9							59	40	88 950	5 755,175	75 737,354	13,160	12,694
10							60	41	88 034	5 437,592	69 982,179	12,870	12,404
11							61	42	87 028	5 131,710	64 544,587	12,578	12,112
12							62	43	85 968	4 839,350	59 412,876	12,277	11,811
13							63	44	84 822	4 558,291	54 573,526	11,972	11,506
14							64	45	83 613	4 289,582	50 015,236	11,660	11,194
15							65	46	82 300	4 030,750	45 725,654	11,344	10,878
16							66	47	80 891	3 782,121	41 694,904	11,024	10,558
17							67	48	79 405	3 544,265	37 912,784	10,697	10,231
18							68	49	77 829	3 316,392	34 368,519	10,363	9,897
19	0	99 268	41 103,695	826 845,314	20,116	19,650	69	50	76 140	3 097,294	31 052,127	10,026	9,560
20	1	98 896	39 092,923	785 741,619	20,099	19,633	70	51	74 320	2 886,166	27 954,834	9,686	9,220
21	2	98 809	37 287,313	746 648,696	20,024	19,558	71	52	72 386	2 683,594	25 068,668	9,341	8,875
22	3	98 737	35 570,671	709 361,383	19,942	19,476	72	53	70 320	2 488,805	22 385,074	8,994	8,528
23	4	98 667	33 933,708	673 790,712	19,856	19,390	73	54	68 067	2 299,818	19 896,269	8,651	8,185
24	5	98 601	32 373,226	639 857,003	19,765	19,299	74	55	65 675	2 118,374	17 596,451	8,307	7,841
25	6	98 536	30 884,629	607 483,777	19,669	19,203	75	56	63 077	1 942,306	15 478,077	7,969	7,503
26	7	98 469	29 464,296	576 599,148	19,569	19,103	76	57	60 342	1 773,828	13 535,771	7,631	7,165
27	8	98 401	28 108,679	547 134,852	19,465	18,999	77	58	57 439	1 611,929	11 761,943	7,297	6,831
28	9	98 333	26 815,412	519 026,173	19,356	18,890	78	59	54 335	1 455,689	10 150,014	6,973	6,507
29	10	98 265	25 581,950	492 210,761	19,241	18,775	79	60	51 067	1 306,094	8 694,325	6,657	6,191
30	11	98 194	24 404,232	466 628,811	19,121	18,655	80	61	47 711	1 164,923	7 388,231	6,342	5,876
31	12	98 121	23 280,270	442 224,579	18,996	18,530	81	62	44 219	1 030,689	6 223,308	6,038	5,572
32	13	98 041	22 206,426	418 944,309	18,866	18,400	82	63	40 651	904,576	5 192,619	5,740	5,274
33	14	97 958	21 181,541	396 737,883	18,730	18,264	83	64	37 055	787,166	4 288,043	5,447	4,981
34	15	97 875	20 203,855	375 556,342	18,588	18,122	84	65	33 467	678,697	3 500,877	5,158	4,692
35	16	97 783	19 269,493	355 352,487	18,441	17,975	85	66	29 878	578,434	2 822,179	4,879	4,413
36	17	97 682	18 376,821	336 082,994	18,288	17,822	86	67	26 290	485,890	2 243,745	4,618	4,152
37	18	97 576	17 524,425	317 706,172	18,129	17,663	87	68	22 780	401,924	1 757,855	4,374	3,908
38	19	97 458	16 709,587	300 181,748	17,965	17,499	88	69	19 356	326,034	1 355,931	4,159	3,693
39	20	97 332	15 931,272	283 472,161	17,793	17,327	89	70	16 256	261,401	1 029,898	3,940	3,474
40	21	97 198	15 187,793	267 540,889	17,616	17,150	90	71	13 422	206,046	768,497	3,730	3,264
41	22	97 044	14 476,189	252 353,096	17,432	16,966	91	72	10 994	161,119	562,451	3,491	3,025
42	23	96 878	13 796,052	237 876,908	17,242	16,776	92	73	8 722	122,023	401,332	3,289	2,823
43	24	96 700	13 146,226	224 080,856	17,045	16,579	93	74	6 709	89,603	279,308	3,117	2,651
44	25	96 492	12 523,113	210 934,630	16,844	16,378	94	75	5 038	64,241	189,705	2,953	2,487
45	26	96 265	11 927,139	198 411,517	16,635	16,169	95	76	3 680	44,796	125,464	2,801	2,335
46	27	96 007	11 355,809	186 484,378	16,422	15,956	96	77	2 611	30,337	80,668	2,659	2,193
47	28	95 718	10 808,216	175 128,569	16,203	15,737	97	78	1 795	19,914	50,332	2,527	2,061
48	29	95 397	10 283,518	164 320,353	15,979	15,513	98	79	1 194	12,645	30,418	2,405	1,939
49	30	95 034	9 779,818	154 036,836	15,750	15,284	99	80	767	7,757	17,772	2,291	1,825
							100	81	475	4,583	10,016	2,186	1,720

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	9 299,974	144 468,304	15,534	15,068
1							51	31	94 233	8 837,903	135 168,330	15,294	14,828
2							52	32	93 750	8 393,895	126 330,427	15,050	14,584
3							53	33	93 225	7 968,358	117 936,532	14,801	14,335
4							54	34	92 657	7 560,644	109 968,174	14,545	14,079
5							55	35	92 026	7 168,635	102 407,530	14,285	13,819
6							56	36	91 352	6 793,459	95 238,895	14,019	13,553
7							57	37	90 629	6 434,090	88 445,436	13,746	13,280
8							58	38	89 860	6 090,200	82 011,346	13,466	13,000
9							59	39	89 013	5 759,225	75 921,146	13,183	12,717
10							60	40	88 096	5 441,471	70 161,921	12,894	12,428
11							61	41	87 100	5 135,978	64 720,450	12,601	12,135
12							62	42	86 049	4 843,932	59 584,472	12,301	11,835
13							63	43	84 911	4 563,107	54 740,540	11,996	11,530
14							64	44	83 707	4 294,438	50 177,433	11,684	11,218
15							65	45	82 411	4 036,209	45 882,995	11,368	10,902
16							66	46	81 017	3 787,995	41 846,786	11,047	10,581
17							67	47	79 543	3 550,426	38 058,790	10,719	10,253
18							68	48	77 973	3 322,548	34 508,364	10,386	9,920
19							69	49	76 299	3 103,787	31 185,816	10,048	9,582
20	0	99 213	39 218,407	786 169,309	20,046	19,580	70	50	74 494	2 892,925	28 082,029	9,707	9,241
21	1	98 837	37 297,918	746 950,902	20,027	19,561	71	51	72 567	2 690,295	25 189,104	9,363	8,897
22	2	98 753	35 576,407	709 652,984	19,947	19,481	72	52	70 516	2 495,720	22 498,809	9,015	8,549
23	3	98 682	33 938,575	674 076,578	19,862	19,396	73	53	68 275	2 306,828	20 003,088	8,671	8,205
24	4	98 613	32 377,107	640 138,003	19,771	19,305	74	54	65 885	2 125,145	17 696,260	8,327	7,861
25	5	98 545	30 887,423	607 760,896	19,677	19,211	75	55	63 305	1 949,319	15 571,115	7,988	7,522
26	6	98 477	29 466,659	576 873,473	19,577	19,111	76	56	60 571	1 780,581	13 621,796	7,650	7,184
27	7	98 409	28 111,028	547 406,815	19,473	19,007	77	57	57 677	1 618,608	11 841,215	7,316	6,850
28	8	98 339	26 817,077	519 295,787	19,364	18,898	78	58	54 584	1 462,357	10 222,607	6,990	6,524
29	9	98 272	25 583,575	492 478,710	19,250	18,784	79	59	51 312	1 312,365	8 760,250	6,675	6,209
30	10	98 202	24 406,198	466 895,135	19,130	18,664	80	60	47 973	1 171,328	7 447,885	6,358	5,892
31	11	98 129	23 282,119	442 488,937	19,006	18,540	81	61	44 471	1 036,583	6 276,557	6,055	5,589
32	12	98 049	22 208,128	419 206,818	18,876	18,410	82	62	40 908	910,288	5 239,975	5,756	5,290
33	13	97 968	21 183,625	396 998,690	18,741	18,275	83	63	37 304	792,451	4 329,687	5,464	4,998
34	14	97 887	20 206,356	375 815,065	18,599	18,133	84	64	33 709	683,617	3 537,236	5,174	4,708
35	15	97 796	19 272,106	355 608,708	18,452	17,986	85	65	30 111	582,947	2 853,619	4,895	4,429
36	16	97 698	18 379,776	336 336,603	18,299	17,833	86	66	26 508	489,917	2 270,672	4,635	4,169
37	17	97 593	17 527,501	317 956,827	18,140	17,674	87	67	22 987	405,582	1 780,755	4,391	3,925
38	18	97 480	16 713,238	300 429,325	17,976	17,510	88	68	19 548	329,259	1 375,173	4,177	3,711
39	19	97 353	15 934,698	283 716,088	17,805	17,339	89	69	16 436	264,300	1 045,914	3,957	3,491
40	20	97 218	15 190,998	267 781,389	17,628	17,162	90	70	13 585	208,538	781,615	3,748	3,282
41	21	97 065	14 479,319	252 590,391	17,445	16,979	91	71	11 143	163,298	573,077	3,509	3,043
42	22	96 900	13 799,223	238 111,073	17,255	16,789	92	72	8 859	123,941	409,779	3,306	2,840
43	23	96 722	13 149,216	224 311,850	17,059	16,593	93	73	6 827	91,184	285,838	3,135	2,669
44	24	96 514	12 525,961	211 162,633	16,858	16,392	94	74	5 138	65,507	194,654	2,972	2,505
45	25	96 286	11 929,798	198 636,672	16,650	16,184	95	75	3 764	45,817	129,147	2,819	2,353
46	26	96 033	11 358,843	186 706,875	16,437	15,971	96	76	2 679	31,126	83,330	2,677	2,211
47	27	95 743	10 811,007	175 348,032	16,219	15,753	97	77	1 849	20,508	52,205	2,546	2,080
48	28	95 422	10 286,189	164 537,025	15,996	15,530	98	78	1 235	13,080	31,697	2,423	1,957
49	29	95 060	9 782,532	154 250,836	15,768	15,302	99	79	797	8,059	18,616	2,310	1,844
							100	80	496	4,790	10,557	2,204	1,738

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	9 302,554	144 661,472	15,551	15,085
1							51	30	94 259	8 840,330	135 358,918	15,312	14,846
2							52	31	93 781	8 396,632	126 518,589	15,068	14,602
3							53	32	93 257	7 971,119	118 121,956	14,819	14,353
4							54	33	92 690	7 563,380	110 150,838	14,564	14,098
5							55	34	92 063	7 171,546	102 587,458	14,305	13,839
6							56	35	91 391	6 796,355	95 415,912	14,039	13,573
7							57	36	90 671	6 437,092	88 619,557	13,767	13,301
8							58	37	89 907	6 093,409	82 182,465	13,487	13,021
9							59	38	89 065	5 762,623	76 089,056	13,204	12,738
10							60	39	88 158	5 445,301	70 326,433	12,915	12,449
11							61	40	87 162	5 139,642	64 881,133	12,624	12,158
12							62	41	86 121	4 847,961	59 741,491	12,323	11,857
13							63	42	84 992	4 567,428	54 893,531	12,018	11,552
14							64	43	83 796	4 298,976	50 326,103	11,707	11,241
15							65	44	82 504	4 040,778	46 027,127	11,391	10,925
16							66	45	81 127	3 793,126	41 986,349	11,069	10,603
17							67	46	79 666	3 555,941	38 193,223	10,741	10,275
18							68	47	78 109	3 328,324	34 637,282	10,407	9,941
19							69	48	76 441	3 109,549	31 308,957	10,069	9,603
20							70	49	74 650	2 898,990	28 199,409	9,727	9,261
21	0	99 154	37 417,640	747 347,901	19,973	19,507	71	50	72 736	2 696,596	25 300,419	9,382	8,916
22	1	98 781	35 586,525	709 930,261	19,949	19,483	72	51	70 692	2 501,952	22 603,823	9,034	8,568
23	2	98 698	33 944,047	674 343,736	19,866	19,400	73	52	68 464	2 313,238	20 101,871	8,690	8,224
24	3	98 627	32 381,750	640 399,689	19,777	19,311	74	53	66 086	2 131,624	17 788,633	8,345	7,879
25	4	98 556	30 891,125	608 017,939	19,683	19,217	75	54	63 507	1 955,549	15 657,009	8,006	7,540
26	5	98 486	29 469,324	577 126,814	19,584	19,118	76	55	60 790	1 787,010	13 701,460	7,667	7,201
27	6	98 417	28 113,282	547 657,490	19,480	19,014	77	56	57 897	1 624,770	11 914,450	7,333	6,867
28	7	98 347	26 819,318	519 544,208	19,372	18,906	78	57	54 810	1 468,416	10 289,679	7,007	6,541
29	8	98 278	25 585,164	492 724,890	19,258	18,792	79	58	51 548	1 318,376	8 821,263	6,691	6,225
30	9	98 208	24 407,747	467 139,726	19,139	18,673	80	59	48 204	1 176,952	7 502,887	6,375	5,909
31	10	98 137	23 283,995	442 731,979	19,014	18,548	81	60	44 716	1 042,282	6 325,935	6,069	5,603
32	11	98 056	22 209,892	419 447,984	18,886	18,420	82	61	41 142	915,493	5 283,654	5,771	5,305
33	12	97 975	21 185,249	397 238,092	18,751	18,285	83	62	37 540	797,455	4 368,161	5,478	5,012
34	13	97 897	20 208,344	376 052,843	18,609	18,143	84	63	33 936	688,206	3 570,706	5,188	4,722
35	14	97 808	19 274,492	355 844,498	18,462	17,996	85	64	30 329	587,173	2 882,500	4,909	4,443
36	15	97 711	18 382,268	336 570,007	18,309	17,843	86	65	26 714	493,740	2 295,327	4,649	4,183
37	16	97 609	17 530,320	318 187,739	18,151	17,685	87	66	23 177	408,943	1 801,588	4,405	3,939
38	17	97 497	16 716,172	300 657,419	17,986	17,520	88	67	19 725	332,256	1 392,644	4,191	3,725
39	18	97 375	15 938,180	283 941,247	17,815	17,349	89	68	16 599	266,914	1 060,389	3,973	3,507
40	19	97 239	15 194,266	268 003,067	17,638	17,172	90	69	13 735	210,850	793,475	3,763	3,297
41	20	97 086	14 482,374	252 808,802	17,456	16,990	91	70	11 278	165,273	582,624	3,525	3,059
42	21	96 921	13 802,206	238 326,427	17,267	16,801	92	71	8 979	125,617	417,352	3,322	2,856
43	22	96 744	13 152,239	224 524,221	17,071	16,605	93	72	6 934	92,617	291,734	3,150	2,684
44	23	96 536	12 528,811	211 371,983	16,871	16,405	94	73	5 228	66,662	199,117	2,987	2,521
45	24	96 308	11 932,510	198 843,172	16,664	16,198	95	74	3 838	46,720	132,455	2,835	2,369
46	25	96 054	11 361,375	186 910,661	16,451	15,985	96	75	2 740	31,835	85,735	2,693	2,227
47	26	95 768	10 813,896	175 549,286	16,234	15,768	97	76	1 897	21,041	53,900	2,562	2,096
48	27	95 447	10 288,845	164 735,390	16,011	15,545	98	77	1 272	13,470	32,859	2,439	1,973
49	28	95 085	9 785,073	154 446,545	15,784	15,318	99	78	825	8,337	19,389	2,326	1,860
							100	79	516	4,977	11,052	2,220	1,754

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	9 304,971	144 838,093	15,566	15,100
1							51	29	94 285	8 842,782	135 533,122	15,327	14,861
2							52	30	93 807	8 398,937	126 690,340	15,084	14,618
3							53	31	93 288	7 973,718	118 291,402	14,835	14,369
4							54	32	92 722	7 566,000	110 317,684	14,581	14,115
5							55	33	92 096	7 174,141	102 751,684	14,323	13,856
6							56	34	91 428	6 799,115	95 577,543	14,057	13,591
7							57	35	90 710	6 439,836	88 778,428	13,786	13,320
8							58	36	89 949	6 096,252	82 338,592	13,506	13,040
9							59	37	89 112	5 765,659	76 242,340	13,224	12,758
10							60	38	88 210	5 448,513	70 476,681	12,935	12,469
11							61	39	87 224	5 143,259	65 028,168	12,643	12,177
12							62	40	86 182	4 851,419	59 884,909	12,344	11,878
13							63	41	85 062	4 571,226	55 033,491	12,039	11,573
14							64	42	83 875	4 303,046	50 462,264	11,727	11,261
15							65	43	82 592	4 045,048	46 159,218	11,411	10,945
16							66	44	81 218	3 797,420	42 114,170	11,090	10,624
17							67	45	79 774	3 560,757	38 316,750	10,761	10,295
18							68	46	78 230	3 333,494	34 755,993	10,426	9,960
19							69	47	76 574	3 114,955	31 422,498	10,088	9,622
20							70	48	74 788	2 904,372	28 307,544	9,747	9,281
21							71	49	72 889	2 702,249	25 403,172	9,401	8,935
22	0	99 098	35 700,754	710 298,885	19,896	19,430	72	50	70 857	2 507,812	22 700,923	9,052	8,586
23	1	98 726	33 953,701	674 598,132	19,868	19,402	73	51	68 635	2 319,014	20 193,112	8,708	8,242
24	2	98 643	32 386,971	640 644,431	19,781	19,315	74	52	66 270	2 137,546	17 874,097	8,362	7,896
25	3	98 570	30 895,555	608 257,459	19,688	19,222	75	53	63 701	1 961,511	15 736,551	8,023	7,557
26	4	98 498	29 472,857	577 361,904	19,590	19,124	76	54	60 984	1 792,722	13 775,040	7,684	7,218
27	5	98 426	28 115,825	547 889,048	19,487	19,021	77	55	58 106	1 630,636	11 982,318	7,348	6,882
28	6	98 355	26 821,468	519 773,223	19,379	18,913	78	56	55 019	1 474,007	10 351,682	7,023	6,557
29	7	98 286	25 587,301	492 951,754	19,265	18,799	79	57	51 761	1 323,838	8 877,675	6,706	6,240
30	8	98 215	24 409,263	467 364,453	19,147	18,681	80	58	48 425	1 182,343	7 553,836	6,389	5,923
31	9	98 143	23 285,473	442 955,190	19,023	18,557	81	59	44 931	1 047,286	6 371,493	6,084	5,618
32	10	98 064	22 211,681	419 669,716	18,894	18,428	82	60	41 368	920,526	5 324,207	5,784	5,318
33	11	97 983	21 186,932	397 458,035	18,760	18,294	83	61	37 754	802,014	4 403,681	5,491	5,025
34	12	97 904	20 209,893	376 271,103	18,618	18,152	84	62	34 150	692,552	3 601,667	5,201	4,735
35	13	97 818	19 276,388	356 061,210	18,471	18,005	85	63	30 533	591,115	2 909,115	4,921	4,455
36	14	97 723	18 384,544	336 784,821	18,319	17,853	86	64	26 908	497,318	2 318,000	4,661	4,195
37	15	97 622	17 532,696	318 400,278	18,160	17,694	87	65	23 358	412,134	1 820,682	4,418	3,952
38	16	97 512	16 718,860	300 867,581	17,996	17,530	88	66	19 889	335,009	1 408,548	4,205	3,738
39	17	97 392	15 940,978	284 148,721	17,825	17,359	89	67	16 750	269,344	1 073,539	3,986	3,520
40	18	97 260	15 197,585	268 207,743	17,648	17,182	90	68	13 871	212,936	804,195	3,777	3,311
41	19	97 107	14 485,489	253 010,158	17,466	17,000	91	69	11 403	167,105	591,259	3,538	3,072
42	20	96 941	13 805,119	238 524,669	17,278	16,812	92	70	9 087	127,136	424,153	3,336	2,870
43	21	96 765	13 155,082	224 719,550	17,082	16,616	93	71	7 028	93,869	297,017	3,164	2,698
44	22	96 558	12 531,690	211 564,468	16,882	16,416	94	72	5 310	67,710	203,148	3,000	2,534
45	23	96 330	11 935,225	199 032,777	16,676	16,210	95	73	3 906	47,544	135,437	2,849	2,383
46	24	96 076	11 363,959	187 097,552	16,464	15,998	96	74	2 794	32,462	87,894	2,708	2,242
47	25	95 790	10 816,306	175 733,593	16,247	15,781	97	75	1 940	21,521	55,431	2,576	2,110
48	26	95 472	10 291,595	164 917,287	16,024	15,558	98	76	1 305	13,821	33,911	2,454	1,988
49	27	95 109	9 787,600	154 625,693	15,798	15,332	99	77	849	8,585	20,090	2,340	1,874
							100	78	533	5,149	11,505	2,235	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	9 307,373	144 999,731	15,579	15,113
1							51	28	94 310	8 845,080	135 692,357	15,341	14,875
2							52	29	93 833	8 401,268	126 847,278	15,099	14,633
3							53	30	93 313	7 975,907	118 446,010	14,850	14,384
4							54	31	92 753	7 568,468	110 470,103	14,596	14,130
5							55	32	92 128	7 176,627	102 901,635	14,338	13,872
6							56	33	91 461	6 801,575	95 725,009	14,074	13,608
7							57	34	90 747	6 442,451	88 923,433	13,803	13,337
8							58	35	89 987	6 098,851	82 480,983	13,524	13,058
9							59	36	89 154	5 768,349	76 382,131	13,242	12,776
10							60	37	88 257	5 451,384	70 613,782	12,953	12,487
11							61	38	87 275	5 146,293	65 162,398	12,662	12,196
12							62	39	86 243	4 854,833	60 016,105	12,362	11,896
13							63	40	85 123	4 574,487	55 161,273	12,058	11,592
14							64	41	83 945	4 306,625	50 586,786	11,746	11,280
15							65	42	82 670	4 048,878	46 280,161	11,430	10,964
16							66	43	81 304	3 801,433	42 231,283	11,109	10,643
17							67	44	79 865	3 564,788	38 429,850	10,780	10,314
18							68	45	78 336	3 338,009	34 865,062	10,445	9,979
19							69	46	76 693	3 119,793	31 527,052	10,105	9,639
20							70	47	74 918	2 909,421	28 407,259	9,764	9,298
21							71	48	73 024	2 707,266	25 497,839	9,418	8,952
22							72	49	71 006	2 513,069	22 790,573	9,069	8,603
23	0	99 043	34 062,689	674 940,506	19,815	19,349	73	50	68 796	2 324,445	20 277,504	8,724	8,258
24	1	98 671	32 396,182	640 877,817	19,783	19,317	74	51	66 435	2 142,884	17 953,059	8,378	7,912
25	2	98 586	30 900,537	608 481,635	19,692	19,226	75	52	63 878	1 966,961	15 810,175	8,038	7,572
26	3	98 512	29 477,083	577 581,098	19,594	19,128	76	53	61 170	1 798,187	13 843,214	7,698	7,232
27	4	98 438	28 119,195	548 104,015	19,492	19,026	77	54	58 291	1 635,849	12 045,027	7,363	6,897
28	5	98 364	26 823,895	519 984,819	19,385	18,919	78	55	55 218	1 479,329	10 409,179	7,036	6,570
29	6	98 294	25 589,353	493 160,925	19,272	18,806	79	56	51 958	1 328,879	8 929,849	6,720	6,254
30	7	98 223	24 411,303	467 571,572	19,154	18,688	80	57	48 625	1 187,242	7 600,971	6,402	5,936
31	8	98 149	23 286,920	443 160,269	19,030	18,564	81	58	45 136	1 052,083	6 413,729	6,096	5,630
32	9	98 070	22 213,092	419 873,349	18,902	18,436	82	59	41 567	924,946	5 361,646	5,797	5,331
33	10	97 991	21 188,639	397 660,258	18,768	18,302	83	60	37 962	806,424	4 436,700	5,502	5,036
34	11	97 912	20 211,499	376 471,619	18,627	18,161	84	61	34 345	696,512	3 630,276	5,212	4,746
35	12	97 825	19 277,866	356 260,120	18,480	18,014	85	62	30 725	594,847	2 933,764	4,932	4,466
36	13	97 733	18 386,352	336 982,254	18,328	17,862	86	63	27 089	500,657	2 338,917	4,672	4,206
37	14	97 634	17 534,867	318 595,902	18,169	17,703	87	64	23 528	415,121	1 838,260	4,428	3,962
38	15	97 526	16 721,126	301 061,035	18,005	17,539	88	65	20 044	337,623	1 423,139	4,215	3,749
39	16	97 407	15 943,541	284 339,908	17,834	17,368	89	66	16 889	271,576	1 085,516	3,997	3,531
40	17	97 277	15 200,254	268 396,367	17,657	17,191	90	67	13 997	214,874	813,940	3,788	3,322
41	18	97 128	14 488,654	253 196,113	17,475	17,009	91	68	11 515	168,758	599,065	3,550	3,084
42	19	96 962	13 808,088	238 707,459	17,288	16,822	92	69	9 188	128,546	430,307	3,347	2,881
43	20	96 785	13 157,858	224 899,371	17,092	16,626	93	70	7 113	95,004	301,761	3,176	2,710
44	21	96 579	12 534,400	211 741,512	16,893	16,427	94	71	5 382	68,626	206,756	3,013	2,547
45	22	96 352	11 937,968	199 207,113	16,687	16,221	95	72	3 967	48,291	138,130	2,860	2,394
46	23	96 098	11 366,544	187 269,144	16,475	16,009	96	73	2 843	33,035	89,839	2,720	2,254
47	24	95 811	10 818,766	175 902,600	16,259	15,793	97	74	1 978	21,945	56,804	2,588	2,122
48	25	95 493	10 293,889	165 083,834	16,037	15,571	98	75	1 335	14,136	34,859	2,466	2,000
49	26	95 135	9 790,215	154 789,946	15,811	15,345	99	76	871	8,808	20,724	2,353	1,887
							100	77	549	5,302	11,915	2,247	1,781

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	9 309,861	145 147,905	15,591	15,125
1							51	27	94 334	8 847,363	135 838,045	15,354	14,887
2							52	28	93 857	8 403,450	126 990,681	15,112	14,646
3							53	29	93 339	7 978,120	118 587,231	14,864	14,398
4							54	30	92 778	7 570,545	110 609,111	14,610	14,144
5							55	31	92 158	7 178,967	103 038,566	14,353	13,887
6							56	32	91 493	6 803,932	95 859,599	14,089	13,623
7							57	33	90 780	6 444,782	89 055,667	13,818	13,352
8							58	34	90 024	6 101,327	82 610,884	13,540	13,074
9							59	35	89 192	5 770,808	76 509,557	13,258	12,792
10							60	36	88 298	5 453,927	70 738,749	12,970	12,504
11							61	37	87 321	5 149,005	65 284,821	12,679	12,213
12							62	38	86 294	4 857,697	60 135,817	12,379	11,913
13							63	39	85 183	4 577,706	55 278,120	12,076	11,609
14							64	40	84 005	4 309,697	50 700,414	11,764	11,298
15							65	41	82 739	4 052,245	46 390,717	11,448	10,982
16							66	42	81 381	3 805,032	42 338,471	11,127	10,661
17							67	43	79 949	3 568,555	38 533,439	10,798	10,332
18							68	44	78 425	3 341,788	34 964,884	10,463	9,997
19							69	45	76 797	3 124,019	31 623,096	10,123	9,657
20							70	46	75 035	2 913,940	28 499,077	9,780	9,314
21							71	47	73 151	2 711,972	25 585,138	9,434	8,968
22							72	48	71 138	2 517,734	22 873,166	9,085	8,619
23							73	49	68 940	2 329,318	20 355,431	8,739	8,273
24	0	98 988	32 500,170	641 195,896	19,729	19,263	74	50	66 591	2 147,902	18 026,113	8,392	7,926
25	1	98 614	30 909,325	608 695,725	19,693	19,227	75	51	64 037	1 971,872	15 878,211	8,052	7,586
26	2	98 528	29 481,836	577 786,400	19,598	19,132	76	52	61 340	1 803,183	13 906,338	7,712	7,246
27	3	98 452	28 123,228	548 304,564	19,497	19,030	77	53	58 469	1 640,835	12 103,155	7,376	6,910
28	4	98 375	26 827,110	520 181,336	19,390	18,924	78	54	55 394	1 484,058	10 462,320	7,050	6,584
29	5	98 303	25 591,668	493 354,226	19,278	18,812	79	55	52 146	1 333,677	8 978,262	6,732	6,266
30	6	98 231	24 413,260	467 762,558	19,160	18,694	80	56	48 810	1 191,762	7 644,585	6,415	5,949
31	7	98 157	23 288,865	443 349,298	19,037	18,571	81	57	45 323	1 056,442	6 452,823	6,108	5,642
32	8	98 077	22 214,471	420 060,433	18,909	18,443	82	58	41 757	929,183	5 396,381	5,808	5,342
33	9	97 997	21 189,984	397 845,962	18,775	18,309	83	59	38 144	810,296	4 467,198	5,513	5,047
34	10	97 920	20 213,127	376 655,977	18,634	18,168	84	60	34 534	700,341	3 656,903	5,222	4,756
35	11	97 833	19 279,397	356 442,850	18,488	18,022	85	61	30 901	598,248	2 956,562	4,942	4,476
36	12	97 740	18 387,762	337 163,453	18,336	17,870	86	62	27 260	503,818	2 358,313	4,681	4,215
37	13	97 644	17 536,592	318 775,691	18,178	17,712	87	63	23 685	417,908	1 854,495	4,438	3,972
38	14	97 538	16 723,197	301 239,099	18,013	17,547	88	64	20 189	340,070	1 436,587	4,224	3,758
39	15	97 421	15 945,703	284 515,902	17,843	17,377	89	65	17 021	273,695	1 096,516	4,006	3,540
40	16	97 293	15 202,698	268 570,200	17,666	17,200	90	66	14 113	216,655	822,821	3,798	3,332
41	17	97 145	14 491,198	253 367,502	17,484	17,018	91	67	11 620	170,294	606,166	3,560	3,094
42	18	96 983	13 811,105	238 876,304	17,296	16,830	92	68	9 279	129,818	435,872	3,358	2,892
43	19	96 806	13 160,689	225 065,199	17,101	16,635	93	69	7 192	96,058	306,054	3,186	2,720
44	20	96 599	12 537,045	211 904,510	16,902	16,436	94	70	5 447	69,456	209,996	3,023	2,557
45	21	96 373	11 940,549	199 367,465	16,697	16,231	95	71	4 021	48,944	140,540	2,871	2,405
46	22	96 120	11 369,157	187 426,916	16,486	16,020	96	72	2 888	33,554	91,596	2,730	2,264
47	23	95 833	10 821,227	176 057,759	16,270	15,804	97	73	2 013	22,332	58,042	2,599	2,133
48	24	95 515	10 296,229	165 236,532	16,048	15,582	98	74	1 361	14,414	35,710	2,477	2,011
49	25	95 156	9 792,397	154 940,303	15,823	15,357	99	75	891	9,009	21,296	2,364	1,898
							100	76	564	5,440	12,286	2,259	1,793



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 4,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	9 311,936	145 283,505	15,602	15,136
1							51	26	94 359	8 849,728	135 971,569	15,364	14,898
2							52	27	93 881	8 405,620	127 121,842	15,123	14,657
3							53	28	93 363	7 980,193	118 716,222	14,876	14,410
4							54	29	92 804	7 572,646	110 736,029	14,623	14,157
5							55	30	92 183	7 180,938	103 163,383	14,366	13,900
6							56	31	91 522	6 806,151	95 982,445	14,102	13,636
7							57	32	90 811	6 447,015	89 176,295	13,832	13,366
8							58	33	90 057	6 103,535	82 729,279	13,554	13,088
9							59	34	89 228	5 773,151	76 625,744	13,273	12,807
10							60	35	88 336	5 456,253	70 852,593	12,986	12,520
11							61	36	87 362	5 151,407	65 396,340	12,695	12,229
12							62	37	86 339	4 860,257	60 244,933	12,395	11,929
13							63	38	85 233	4 580,407	55 384,677	12,092	11,626
14							64	39	84 064	4 312,730	50 804,270	11,780	11,314
15							65	40	82 798	4 055,136	46 491,540	11,465	10,999
16							66	41	81 449	3 808,197	42 436,404	11,143	10,677
17							67	42	80 025	3 571,934	38 628,208	10,814	10,348
18							68	43	78 508	3 345,319	35 056,274	10,479	10,013
19							69	44	76 884	3 127,555	31 710,954	10,139	9,673
20							70	45	75 136	2 917,887	28 583,399	9,796	9,330
21							71	46	73 265	2 716,184	25 665,512	9,449	8,983
22							72	47	71 261	2 522,111	22 949,328	9,099	8,633
23							73	48	69 068	2 333,642	20 427,217	8,753	8,287
24							74	49	66 730	2 152,405	18 093,574	8,406	7,940
25	0	98 931	31 008,541	608 991,307	19,639	19,173	75	50	64 187	1 976,490	15 941,169	8,065	7,599
26	1	98 556	29 490,221	577 982,766	19,599	19,133	76	51	61 494	1 807,686	13 964,678	7,725	7,259
27	2	98 468	28 127,762	548 492,545	19,500	19,034	77	52	58 631	1 645,394	12 156,993	7,388	6,922
28	3	98 390	26 830,957	520 364,782	19,394	18,928	78	53	55 563	1 488,582	10 511,598	7,061	6,595
29	4	98 314	25 594,735	493 533,825	19,283	18,817	79	54	52 312	1 337,940	9 023,017	6,744	6,278
30	5	98 239	24 415,469	467 939,090	19,166	18,700	80	55	48 987	1 196,065	7 685,077	6,425	5,959
31	6	98 165	23 290,733	443 523,621	19,043	18,577	81	56	45 496	1 060,464	6 489,012	6,119	5,653
32	7	98 085	22 216,327	420 232,888	18,915	18,449	82	57	41 930	933,033	5 428,548	5,818	5,352
33	8	98 003	21 191,300	398 016,561	18,782	18,316	83	58	38 319	814,007	4 495,515	5,523	5,057
34	9	97 926	20 214,410	376 825,261	18,641	18,175	84	59	34 700	703,703	3 681,508	5,232	4,766
35	10	97 841	19 280,950	356 610,850	18,496	18,029	85	60	31 071	601,538	2 977,804	4,950	4,484
36	11	97 748	18 389,222	337 329,900	18,344	17,878	86	61	27 416	506,699	2 376,266	4,690	4,224
37	12	97 651	17 537,937	318 940,678	18,186	17,720	87	62	23 835	420,547	1 869,567	4,446	3,980
38	13	97 547	16 724,842	301 402,741	18,021	17,555	88	63	20 325	342,353	1 449,020	4,233	3,767
39	14	97 433	15 947,677	284 677,899	17,851	17,385	89	64	17 144	275,679	1 106,667	4,014	3,548
40	15	97 306	15 204,759	268 730,222	17,674	17,208	90	65	14 224	218,345	830,988	3,806	3,340
41	16	97 160	14 493,528	253 525,463	17,492	17,026	91	66	11 717	171,706	612,643	3,568	3,102
42	17	97 001	13 813,530	239 031,935	17,304	16,838	92	67	9 364	130,999	440,937	3,366	2,900
43	18	96 827	13 163,564	225 218,405	17,109	16,643	93	68	7 263	97,008	309,937	3,195	2,729
44	19	96 620	12 539,742	212 054,841	16,911	16,445	94	69	5 508	70,226	212,929	3,032	2,566
45	20	96 393	11 943,069	199 515,100	16,706	16,240	95	70	4 070	49,536	142,703	2,881	2,415
46	21	96 141	11 371,615	187 572,030	16,495	16,029	96	71	2 927	34,008	93,167	2,740	2,274
47	22	95 855	10 823,714	176 200,416	16,279	15,813	97	72	2 045	22,683	59,159	2,608	2,142
48	23	95 537	10 298,572	165 376,701	16,058	15,592	98	73	1 385	14,668	36,476	2,487	2,021
49	24	95 178	9 794,624	155 078,129	15,833	15,367	99	74	909	9,187	21,808	2,374	1,908
							100	75	576	5,564	12,621	2,268	1,802

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 005 653,861	20,057	19,590	50	50	93 003	8 110,218	115 451,323	14,235	13,769
1	1	99 275	94 547,759	1 905 653,861	20,155	19,689	51	51	92 389	7 673,051	107 341,105	13,989	13,523
2	2	99 212	89 987,841	1 811 106,102	20,126	19,660	52	52	91 717	7 254,469	99 668,054	13,739	13,272
3	3	99 177	85 672,395	1 721 118,261	20,090	19,623	53	53	90 982	6 853,636	92 413,585	13,484	13,017
4	4	99 147	81 568,740	1 635 445,866	20,050	19,584	54	54	90 185	6 470,100	85 559,949	13,224	12,757
5	5	99 121	77 664,012	1 553 877,126	20,008	19,541	55	55	89 321	6 103,006	79 089,849	12,959	12,493
6	6	99 101	73 950,477	1 476 213,114	19,962	19,496	56	56	88 386	5 751,523	72 986,844	12,690	12,224
7	7	99 082	70 415,955	1 402 262,637	19,914	19,448	57	57	87 395	5 416,216	67 235,320	12,414	11,947
8	8	99 064	67 050,726	1 331 846,682	19,863	19,397	58	58	86 341	5 096,103	61 819,104	12,131	11,664
9	9	99 049	63 847,729	1 264 795,956	19,810	19,343	59	59	85 187	4 788,581	56 723,001	11,845	11,379
10	10	99 034	60 798,281	1 200 948,227	19,753	19,287	60	60	83 967	4 495,202	51 934,420	11,553	11,087
11	11	99 017	57 893,283	1 140 149,946	19,694	19,228	61	61	82 622	4 212,590	47 439,218	11,261	10,795
12	12	99 000	55 126,721	1 082 256,663	19,632	19,166	62	62	81 229	3 944,334	43 226,628	10,959	10,493
13	13	98 982	52 492,125	1 027 129,942	19,567	19,101	63	63	79 727	3 687,044	39 282,294	10,654	10,188
14	14	98 963	49 983,205	974 637,817	19,499	19,033	64	64	78 155	3 442,243	35 595,249	10,341	9,874
15	15	98 935	47 589,310	924 654,612	19,430	18,963	65	65	76 477	3 207,957	32 153,006	10,023	9,556
16	16	98 902	45 307,957	877 065,302	19,358	18,891	66	66	74 702	2 984,292	28 945,049	9,699	9,233
17	17	98 856	43 130,705	831 757,345	19,285	18,818	67	67	72 853	2 771,830	25 960,757	9,366	8,900
18	18	98 805	41 055,628	788 626,640	19,209	18,742	68	68	70 895	2 568,867	23 188,926	9,027	8,561
19	19	98 729	39 070,333	747 571,011	19,134	18,668	69	69	68 821	2 374,966	20 620,059	8,682	8,216
20	20	98 654	37 181,552	708 500,679	19,055	18,589	70	70	66 595	2 188,706	18 245,093	8,336	7,870
21	21	98 574	35 382,381	671 319,127	18,973	18,507	71	71	64 247	2 010,993	16 056,387	7,984	7,518
22	22	98 497	33 671,223	635 936,746	18,887	18,420	72	72	61 752	1 840,859	14 045,393	7,630	7,163
23	23	98 419	32 042,424	602 265,523	18,796	18,329	73	73	59 028	1 675,855	12 204,534	7,283	6,816
24	24	98 342	30 492,849	570 223,100	18,700	18,234	74	74	56 145	1 518,105	10 528,679	6,935	6,469
25	25	98 263	29 017,479	539 730,250	18,600	18,134	75	75	53 072	1 366,697	9 010,575	6,593	6,127
26	26	98 183	27 613,161	510 712,771	18,495	18,029	76	76	49 829	1 222,067	7 643,878	6,255	5,788
27	27	98 097	26 275,166	483 099,610	18,386	17,920	77	77	46 421	1 084,275	6 421,811	5,923	5,456
28	28	98 010	25 001,674	456 824,444	18,272	17,805	78	78	42 837	952,909	5 337,536	5,601	5,135
29	29	97 924	23 790,182	431 822,770	18,151	17,685	79	79	39 108	828,538	4 384,627	5,292	4,826
30	30	97 833	22 636,459	408 032,588	18,025	17,559	80	80	35 359	713,443	3 556,088	4,984	4,518
31	31	97 742	21 538,299	385 396,128	17,894	17,427	81	81	31 529	605,861	2 842,645	4,692	4,226
32	32	97 637	20 490,778	363 857,830	17,757	17,291	82	82	27 725	507,392	2 236,783	4,408	3,942
33	33	97 531	19 493,704	343 367,052	17,614	17,148	83	83	23 995	418,223	1 729,392	4,135	3,669
34	34	97 425	18 545,237	323 873,348	17,464	16,998	84	84	20 410	338,804	1 311,169	3,870	3,404
35	35	97 306	17 640,698	305 328,110	17,308	16,842	85	85	17 005	268,834	972,365	3,617	3,151
36	36	97 181	16 778,970	287 687,412	17,146	16,679	86	86	13 800	207,778	703,530	3,386	2,920
37	37	97 047	15 957,950	270 908,441	16,976	16,510	87	87	10 900	156,301	495,752	3,172	2,705
38	38	96 900	15 175,040	254 950,491	16,801	16,334	88	88	8 281	113,091	339,452	3,002	2,535
39	39	96 738	14 428,348	239 775,451	16,618	16,152	89	89	6 150	79,985	226,360	2,830	2,364
40	40	96 557	13 715,501	225 347,104	16,430	15,964	90	90	4 421	54,760	146,376	2,673	2,207
41	41	96 357	13 035,274	211 631,603	16,235	15,769	91	91	3 126	36,879	91,616	2,484	2,018
42	42	96 134	12 385,806	198 596,329	16,034	15,568	92	92	2 083	23,402	54,736	2,339	1,873
43	43	95 888	11 765,843	186 210,523	15,826	15,360	93	93	1 322	14,149	31,334	2,215	1,748
44	44	95 602	11 172,210	174 444,680	15,614	15,148	94	94	803	8,184	17,186	2,100	1,633
45	45	95 291	10 605,550	163 272,471	15,395	14,929	95	95	465	4,511	9,001	1,996	1,529
46	46	94 933	10 062,547	152 666,921	15,172	14,705	96	96	256	2,362	4,491	1,901	1,435
47	47	94 524	9 542,160	142 604,373	14,945	14,478	97	97	133	1,173	2,128	1,815	1,349
48	48	94 068	9 043,938	133 062,214	14,713	14,246	98	98	66	0,550	0,956	1,737	1,271
49	49	93 563	8 566,953	124 018,276	14,476	14,010	99	99	30	0,243	0,406	1,666	1,200
							100	100	13	0,101	0,162	1,602	1,136

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	2 003 882,230	20,103	19,637	50	51	92 786	8 091,269	114 441,398	14,144	13,677
1	2	99 247	94 520,876	1 904 202,192	20,146	19,679	51	52	92 159	7 653,939	106 350,129	13,895	13,428
2	3	99 196	89 973,333	1 809 681,316	20,114	19,647	52	53	91 463	7 234,368	98 696,190	13,643	13,176
3	4	99 162	85 660,111	1 719 707,982	20,076	19,610	53	54	90 705	6 832,807	91 461,822	13,386	12,919
4	5	99 135	81 558,964	1 634 047,871	20,035	19,569	54	55	89 897	6 449,485	84 629,015	13,122	12,655
5	6	99 112	77 656,986	1 552 488,907	19,992	19,525	55	56	89 000	6 081,050	78 179,530	12,856	12,390
6	7	99 093	73 944,548	1 474 831,920	19,945	19,479	56	57	88 051	5 729,709	72 098,480	12,583	12,117
7	8	99 074	70 410,072	1 400 887,372	19,896	19,430	57	58	87 034	5 393,868	66 368,772	12,304	11,838
8	9	99 058	67 046,561	1 330 477,300	19,844	19,378	58	59	85 947	5 072,867	60 974,904	12,020	11,553
9	10	99 042	63 843,676	1 263 430,739	19,789	19,323	59	60	84 780	4 765,699	55 902,037	11,730	11,264
10	11	99 026	60 793,383	1 199 587,063	19,732	19,266	60	61	83 508	4 470,622	51 136,338	11,438	10,972
11	12	99 009	57 888,685	1 138 793,680	19,672	19,206	61	62	82 152	4 188,640	46 665,716	11,141	10,675
12	13	98 992	55 122,495	1 080 904,995	19,609	19,143	62	63	80 719	3 919,584	42 477,076	10,837	10,371
13	14	98 972	52 486,961	1 025 782,500	19,544	19,077	63	64	79 195	3 662,457	38 557,492	10,528	10,061
14	15	98 951	49 977,018	973 295,539	19,475	19,008	64	65	77 593	3 417,474	34 895,035	10,211	9,744
15	16	98 921	47 582,859	923 318,521	19,404	18,938	65	66	75 885	3 183,120	31 477,561	9,889	9,423
16	17	98 886	45 300,673	875 735,662	19,332	18,865	66	67	74 088	2 959,762	28 294,441	9,560	9,093
17	18	98 839	43 123,134	830 434,989	19,257	18,791	67	68	72 196	2 746,830	25 334,679	9,223	8,757
18	19	98 784	41 046,660	787 311,855	19,181	18,714	68	69	70 200	2 543,704	22 587,850	8,880	8,414
19	20	98 708	39 061,930	746 265,195	19,105	18,638	69	70	68 066	2 348,919	20 044,145	8,533	8,067
20	21	98 633	37 173,707	707 203,264	19,024	18,558	70	71	65 799	2 162,555	17 695,227	8,183	7,716
21	22	98 553	35 374,733	670 029,557	18,941	18,475	71	72	63 389	1 984,160	15 532,672	7,828	7,362
22	23	98 474	33 663,486	634 654,825	18,853	18,387	72	73	60 796	1 812,372	13 548,511	7,476	7,009
23	24	98 397	32 035,135	600 991,339	18,760	18,294	73	74	58 004	1 646,803	11 736,139	7,127	6,660
24	25	98 320	30 485,917	568 956,204	18,663	18,197	74	75	55 060	1 488,769	10 089,336	6,777	6,311
25	26	98 242	29 011,013	538 470,287	18,561	18,094	75	76	51 890	1 336,245	8 600,568	6,436	5,970
26	27	98 157	27 605,784	509 459,274	18,455	17,988	76	77	48 566	1 191,090	7 264,323	6,099	5,632
27	28	98 072	26 268,384	481 853,490	18,343	17,877	77	78	45 077	1 052,881	6 073,232	5,768	5,302
28	29	97 984	24 995,180	455 585,106	18,227	17,761	78	79	41 412	921,217	5 020,351	5,450	4,983
29	30	97 896	23 783,583	430 589,926	18,105	17,638	79	80	37 640	797,426	4 099,134	5,140	4,674
30	31	97 807	22 630,247	406 806,343	17,976	17,510	80	81	33 826	682,499	3 301,708	4,838	4,371
31	32	97 710	21 531,277	384 176,096	17,843	17,376	81	82	29 968	575,874	2 619,209	4,548	4,082
32	33	97 604	20 483,681	362 644,819	17,704	17,238	82	83	26 148	478,537	2 043,335	4,270	3,804
33	34	97 495	19 486,651	342 161,138	17,559	17,092	83	84	22 436	391,055	1 564,797	4,001	3,535
34	35	97 385	18 537,711	322 674,486	17,406	16,940	84	85	18 900	313,738	1 173,742	3,741	3,275
35	36	97 265	17 633,181	304 136,775	17,248	16,782	85	86	15 555	245,904	860,004	3,497	3,031
36	37	97 135	16 771,146	286 503,594	17,083	16,617	86	87	12 466	187,696	614,100	3,272	2,805
37	38	96 996	15 949,545	269 732,448	16,912	16,445	87	88	9 650	138,379	426,404	3,081	2,615
38	39	96 843	15 166,093	253 782,903	16,734	16,267	88	89	7 242	98,903	288,025	2,912	2,446
39	40	96 670	14 418,201	238 616,810	16,550	16,083	89	90	5 290	68,805	189,122	2,749	2,282
40	41	96 488	13 705,724	224 198,609	16,358	15,892	90	91	3 766	46,645	120,317	2,579	2,113
41	42	96 277	13 024,442	210 492,885	16,161	15,695	91	92	2 585	30,494	73,672	2,416	1,950
42	43	96 043	12 374,089	197 468,442	15,958	15,492	92	93	1 689	18,979	43,178	2,275	1,809
43	44	95 786	11 753,423	185 094,353	15,748	15,282	93	94	1 049	11,222	24,199	2,156	1,690
44	45	95 494	11 159,576	173 340,930	15,533	15,067	94	95	622	6,340	12,977	2,047	1,581
45	46	95 162	10 591,205	162 181,354	15,313	14,846	95	96	351	3,408	6,638	1,948	1,481
46	47	94 785	10 046,941	151 590,149	15,088	14,622	96	97	188	1,739	3,230	1,857	1,391
47	48	94 360	9 525,600	141 543,207	14,859	14,393	97	98	95	0,840	1,491	1,776	1,309
48	49	93 894	9 027,180	132 017,608	14,624	14,158	98	99	46	0,383	0,651	1,701	1,235
49	50	93 367	8 549,030	122 990,428	14,386	13,920	99	100	21	0,164	0,268	1,634	1,168

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	2 002 309,315	20,093	19,627	50	52	92 555	8 071,115	113 352,877	14,044	13,578
1	3	99 231	94 505,638	1 902 657,619	20,133	19,666	51	53	91 904	7 632,731	105 281,762	13,793	13,327
2	4	99 181	89 960,432	1 808 151,981	20,099	19,633	52	54	91 185	7 212,381	97 649,031	13,539	13,073
3	5	99 150	85 649,845	1 718 191,549	20,061	19,594	53	55	90 416	6 811,037	90 436,650	13,278	12,812
4	6	99 126	81 551,587	1 632 541,704	20,019	19,552	54	56	89 574	6 426,283	83 625,613	13,013	12,547
5	7	99 104	77 650,760	1 550 990,117	19,974	19,508	55	57	88 662	6 057,985	77 199,330	12,743	12,277
6	8	99 084	73 938,370	1 473 339,357	19,927	19,460	56	58	87 687	5 706,066	71 141,345	12,468	12,001
7	9	99 068	70 405,699	1 399 400,986	19,876	19,410	57	59	86 637	5 369,273	65 435,279	12,187	11,721
8	10	99 052	67 042,305	1 328 995,288	19,823	19,357	58	60	85 537	5 048,627	60 066,006	11,897	11,431
9	11	99 035	63 838,533	1 261 952,983	19,768	19,301	59	61	84 317	4 739,641	55 017,379	11,608	11,142
10	12	99 018	60 788,555	1 198 114,450	19,710	19,243	60	62	83 033	4 445,205	50 277,738	11,311	10,844
11	13	99 002	57 884,248	1 137 325,895	19,648	19,182	61	63	81 637	4 162,357	45 435,533	11,011	10,545
12	14	98 982	55 117,072	1 079 441,647	19,585	19,118	62	64	80 181	3 893,446	41 670,176	10,703	10,236
13	15	98 960	52 480,463	1 024 324,575	19,518	19,052	63	65	78 625	3 636,102	37 776,730	10,389	9,923
14	16	98 938	49 970,243	971 844,112	19,448	18,982	64	66	76 992	3 391,014	34 140,627	10,068	9,602
15	17	98 905	47 575,209	921 873,869	19,377	18,911	65	67	75 262	3 156,955	30 749,613	9,740	9,274
16	18	98 868	45 292,721	874 298,660	19,303	18,837	66	68	73 420	2 933,066	27 592,658	9,407	8,941
17	19	98 817	43 113,714	829 005,938	19,228	18,762	67	69	71 489	2 719,924	24 659,592	9,066	8,600
18	20	98 762	41 037,833	785 892,224	19,150	18,684	68	70	69 430	2 515,806	21 939,668	8,721	8,254
19	21	98 687	39 053,689	744 854,391	19,073	18,606	69	71	67 253	2 320,853	19 423,862	8,369	7,903
20	22	98 612	37 165,672	705 800,702	18,991	18,524	70	72	64 921	2 133,700	17 103,009	8,016	7,549
21	23	98 530	35 366,604	668 635,030	18,906	18,439	71	73	62 408	1 953,455	14 969,309	7,663	7,197
22	24	98 452	33 655,829	633 268,426	18,816	18,350	72	74	59 742	1 780,953	13 015,853	7,308	6,842
23	25	98 374	32 027,852	599 612,598	18,722	18,255	73	75	56 883	1 614,980	11 234,900	6,957	6,490
24	26	98 298	30 479,123	567 584,746	18,622	18,156	74	76	53 833	1 455,597	9 619,920	6,609	6,143
25	27	98 215	29 003,262	537 105,623	18,519	18,052	75	77	50 575	1 302,374	8 164,322	6,269	5,802
26	28	98 132	27 598,658	508 102,360	18,410	17,944	76	78	47 160	1 156,603	6 861,948	5,933	5,466
27	29	98 046	26 261,561	480 503,702	18,297	17,830	77	79	43 578	1 017,864	5 705,345	5,605	5,139
28	30	97 957	24 988,248	454 242,141	18,178	17,712	78	80	39 857	886,625	4 687,481	5,287	4,820
29	31	97 870	23 777,056	429 253,894	18,053	17,587	79	81	36 007	762,839	3 800,856	4,983	4,516
30	32	97 775	22 622,869	405 476,837	17,923	17,457	80	82	32 151	648,718	3 038,016	4,683	4,217
31	33	97 676	21 523,820	382 853,968	17,787	17,321	81	83	28 264	543,125	2 389,298	4,399	3,933
32	34	97 568	20 476,271	361 330,149	17,646	17,180	82	84	24 449	447,452	1 846,173	4,126	3,660
33	35	97 456	19 478,743	340 853,878	17,499	17,032	83	85	20 776	362,123	1 398,721	3,863	3,396
34	36	97 344	18 529,811	321 375,135	17,344	16,877	84	86	17 288	286,977	1 036,598	3,612	3,146
35	37	97 220	17 624,958	302 845,324	17,183	16,716	85	87	14 051	222,138	749,621	3,375	2,908
36	38	97 084	16 762,313	285 220,366	17,016	16,549	86	88	11 037	166,175	527,483	3,174	2,708
37	39	96 938	15 940,142	268 458,053	16,842	16,375	87	89	8 440	121,018	361,308	2,986	2,519
38	40	96 775	15 155,428	252 517,911	16,662	16,195	88	90	6 230	85,079	240,291	2,824	2,358
39	41	96 602	14 407,923	237 362,484	16,474	16,008	89	91	4 506	58,609	155,211	2,648	2,182
40	42	96 408	13 694,335	222 954,560	16,281	15,814	90	92	3 114	38,569	96,603	2,505	2,038
41	43	96 185	13 012,122	209 260,225	16,082	15,616	91	93	2 096	24,731	58,034	2,347	1,880
42	44	95 941	12 361,028	196 248,103	15,876	15,410	92	94	1 340	15,053	33,303	2,212	1,746
43	45	95 678	11 740,132	183 887,075	15,663	15,197	93	95	812	8,692	18,250	2,100	1,633
44	46	95 365	11 144,482	172 146,943	15,447	14,980	94	96	470	4,790	9,558	1,995	1,529
45	47	95 014	10 574,779	161 002,461	15,225	14,759	95	97	258	2,508	4,768	1,901	1,435
46	48	94 621	10 029,506	150 427,682	14,999	14,532	96	98	135	1,245	2,260	1,815	1,349
47	49	94 185	9 507,949	140 398,176	14,766	14,300	97	99	66	0,584	1,015	1,737	1,271
48	50	93 698	9 008,294	130 890,227	14,530	14,064	98	100	31	0,258	0,431	1,667	1,200
49	51	93 149	8 529,056	121 881,933	14,290	13,824							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	2 000 636,933	20,080	19,613	50	53	92 298	8 048,751	112 181,180	13,938	13,471
1	4	99 217	94 492,087	1 901 001,302	20,118	19,652	51	54	91 625	7 609,534	104 132,429	13,684	13,218
2	5	99 169	89 949,651	1 806 509,215	20,084	19,617	52	55	90 894	7 189,402	96 522,895	13,426	12,959
3	6	99 141	85 642,097	1 716 559,564	20,043	19,577	53	56	90 091	6 786,534	89 333,493	13,163	12,697
4	7	99 119	81 545,048	1 630 917,467	20,000	19,534	54	57	89 234	6 401,909	82 546,960	12,894	12,428
5	8	99 096	77 644,273	1 549 372,419	19,955	19,488	55	58	88 297	6 032,988	76 145,051	12,621	12,155
6	9	99 078	73 933,778	1 471 728,146	19,906	19,440	56	59	87 288	5 680,049	70 112,063	12,344	11,877
7	10	99 062	70 401,229	1 397 794,368	19,855	19,388	57	60	86 223	5 343,617	64 432,014	12,058	11,591
8	11	99 044	67 036,904	1 327 393,139	19,801	19,335	58	61	85 069	5 021,022	59 088,397	11,768	11,302
9	12	99 027	63 833,462	1 260 356,235	19,744	19,278	59	62	83 837	4 712,694	54 067,376	11,473	11,006
10	13	99 011	60 783,895	1 196 522,772	19,685	19,218	60	63	82 512	4 417,312	49 354,682	11,173	10,707
11	14	98 992	57 878,554	1 135 738,877	19,623	19,156	61	64	81 093	4 134,600	44 937,369	10,869	10,402
12	15	98 970	55 110,249	1 077 860,324	19,558	19,092	62	65	79 604	3 865,429	40 802,770	10,556	10,089
13	16	98 946	52 473,349	1 022 750,074	19,491	19,024	63	66	78 016	3 607,950	36 937,340	10,238	9,771
14	17	98 922	49 962,209	970 276,725	19,420	18,954	64	67	76 359	3 363,141	33 329,390	9,910	9,444
15	18	98 888	47 566,858	920 314,516	19,348	18,881	65	68	74 583	3 128,481	29 966,250	9,579	9,112
16	19	98 847	45 282,827	872 747,658	19,273	18,807	66	69	72 701	2 904,336	26 837,769	9,241	8,774
17	20	98 796	43 104,442	827 464,830	19,197	18,730	67	70	70 705	2 690,093	23 933,432	8,897	8,430
18	21	98 742	41 029,175	784 360,388	19,117	18,651	68	71	68 601	2 485,747	21 243,340	8,546	8,080
19	22	98 665	39 045,247	743 331,213	19,038	18,571	69	72	66 355	2 289,886	18 757,593	8,191	7,725
20	23	98 589	37 157,132	704 285,966	18,954	18,488	70	73	63 916	2 100,681	16 467,707	7,839	7,373
21	24	98 508	35 358,560	667 128,834	18,868	18,401	71	74	61 327	1 919,591	14 367,026	7,484	7,018
22	25	98 430	33 648,177	631 770,275	18,776	18,309	72	75	58 588	1 746,538	12 447,435	7,127	6,661
23	26	98 352	32 020,715	598 122,098	18,679	18,213	73	76	55 616	1 578,997	10 700,897	6,777	6,311
24	27	98 272	30 470,980	566 101,383	18,578	18,112	74	77	52 469	1 418,701	9 121,900	6,430	5,963
25	28	98 190	28 995,776	535 630,403	18,473	18,006	75	78	49 110	1 264,665	7 703,199	6,091	5,625
26	29	98 106	27 591,490	506 634,627	18,362	17,896	76	79	45 591	1 118,137	6 438,534	5,758	5,292
27	30	98 019	26 254,277	479 043,137	18,246	17,780	77	80	41 941	979,643	5 320,397	5,431	4,965
28	31	97 930	24 981,390	452 788,860	18,125	17,659	78	81	38 128	848,169	4 340,755	5,118	4,651
29	32	97 838	23 769,304	427 807,470	17,998	17,532	79	82	34 225	725,082	3 492,585	4,817	4,350
30	33	97 741	22 615,034	404 038,166	17,866	17,400	80	83	30 323	611,827	2 767,503	4,523	4,057
31	34	97 641	21 516,032	381 423,132	17,727	17,261	81	84	26 428	507,844	2 155,676	4,245	3,778
32	35	97 529	20 467,961	359 907,100	17,584	17,118	82	85	22 641	414,347	1 647,832	3,977	3,511
33	36	97 414	19 470,442	339 439,139	17,434	16,967	83	86	19 004	331,235	1 233,485	3,724	3,257
34	37	97 298	18 521,171	319 968,697	17,276	16,809	84	87	15 617	259,241	902,249	3,480	3,014
35	38	97 168	17 615,675	301 447,526	17,112	16,646	85	88	12 440	196,667	643,008	3,270	2,803
36	39	97 027	16 752,430	283 831,851	16,943	16,476	86	89	9 652	145,326	446,341	3,071	2,605
37	40	96 870	15 928,931	267 079,421	16,767	16,301	87	90	7 260	104,103	301,015	2,892	2,425
38	41	96 706	15 144,625	251 150,489	16,583	16,117	88	91	5 307	72,471	196,912	2,717	2,251
39	42	96 521	14 395,951	236 005,864	16,394	15,928	89	92	3 726	48,461	124,441	2,568	2,101
40	43	96 317	13 681,381	221 609,914	16,198	15,732	90	93	2 525	31,280	75,980	2,429	1,963
41	44	96 084	12 998,387	207 928,533	15,996	15,530	91	94	1 663	19,615	44,700	2,279	1,813
42	45	95 833	12 347,050	194 930,146	15,788	15,321	92	95	1 038	11,660	25,086	2,151	1,685
43	46	95 549	11 724,253	182 583,096	15,573	15,107	93	96	614	6,568	13,426	2,044	1,578
44	47	95 217	11 127,198	170 858,843	15,355	14,889	94	97	346	3,525	6,858	1,945	1,479
45	48	94 850	10 556,428	159 731,645	15,131	14,665	95	98	185	1,796	3,333	1,856	1,389
46	49	94 446	10 010,921	149 175,218	14,901	14,435	96	99	94	0,866	1,537	1,774	1,308
47	50	93 988	9 488,058	139 164,296	14,667	14,201	97	100	45	0,394	0,670	1,700	1,234
48	51	93 479	8 987,246	129 676,238	14,429	13,963							
49	52	92 917	8 507,812	120 688,992	14,186	13,719							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 998 845,454	20,064	19,598	50	54	92 018	8 024,290	110 922,753	13,823	13,357
1	5	99 205	94 480,762	1 899 224,109	20,102	19,635	51	55	91 333	7 585,289	102 898,464	13,566	13,099
2	6	99 161	89 941,514	1 804 743,347	20,066	19,599	52	56	90 567	7 163,537	95 313,175	13,305	12,839
3	7	99 133	85 635,231	1 714 801,833	20,024	19,558	53	57	89 749	6 760,793	88 149,637	13,038	12,572
4	8	99 110	81 538,236	1 629 166,602	19,980	19,514	54	58	88 866	6 375,493	81 388,844	12,766	12,299
5	9	99 090	77 639,450	1 547 628,366	19,934	19,467	55	59	87 894	6 005,480	75 013,352	12,491	12,024
6	10	99 072	73 929,084	1 469 988,916	19,884	19,417	56	60	86 871	5 652,907	69 007,872	12,208	11,741
7	11	99 054	70 395,557	1 396 059,832	19,832	19,365	57	61	85 752	5 314,399	63 354,964	11,921	11,455
8	12	99 036	67 031,580	1 325 664,274	19,777	19,310	58	62	84 585	4 992,475	58 040,566	11,626	11,159
9	13	99 019	63 828,569	1 258 632,694	19,719	19,253	59	63	83 311	4 683,123	53 048,091	11,328	10,861
10	14	99 001	60 777,916	1 194 804,125	19,659	19,192	60	64	81 962	4 387,855	48 364,968	11,022	10,556
11	15	98 980	57 871,389	1 134 026,209	19,596	19,129	61	65	80 509	4 104,848	43 977,113	10,713	10,247
12	16	98 957	55 102,778	1 076 154,821	19,530	19,064	62	66	78 988	3 835,501	39 872,265	10,396	9,929
13	17	98 930	52 464,913	1 021 052,042	19,462	18,995	63	67	77 375	3 578,294	36 036,764	10,071	9,605
14	18	98 904	49 953,439	968 587,129	19,390	18,923	64	68	75 670	3 332,806	32 458,470	9,739	9,273
15	19	98 866	47 556,468	918 633,690	19,317	18,850	65	69	73 852	3 097,837	29 125,664	9,402	8,936
16	20	98 825	45 273,089	871 077,222	19,241	18,774	66	70	71 904	2 872,483	26 027,827	9,061	8,595
17	21	98 775	43 095,348	825 804,133	19,162	18,696	67	71	69 860	2 657,951	23 155,344	8,712	8,245
18	22	98 720	41 020,306	782 708,785	19,081	18,615	68	72	67 685	2 452,579	20 497,393	8,357	7,891
19	23	98 643	39 036,275	741 688,479	19,000	18,534	69	73	65 328	2 254,450	18 044,814	8,004	7,538
20	24	98 567	37 148,680	702 652,204	18,915	18,448	70	74	62 808	2 064,265	15 790,364	7,649	7,183
21	25	98 485	35 350,521	665 503,524	18,826	18,359	71	75	60 142	1 882,497	13 726,100	7,291	6,825
22	26	98 408	33 640,679	630 153,003	18,732	18,265	72	76	57 282	1 707,623	11 843,603	6,936	6,469
23	27	98 326	32 012,160	596 512,325	18,634	18,168	73	77	54 206	1 538,973	10 135,979	6,586	6,120
24	28	98 247	30 463,115	564 500,164	18,531	18,064	74	78	50 949	1 377,624	8 597,006	6,240	5,774
25	29	98 164	28 988,245	534 037,050	18,423	17,956	75	79	47 477	1 222,605	7 219,383	5,905	5,439
26	30	98 079	27 583,837	505 048,805	18,310	17,843	76	80	43 879	1 076,150	5 996,778	5,572	5,106
27	31	97 992	26 247,072	477 464,968	18,191	17,725	77	81	40 122	937,152	4 920,628	5,251	4,784
28	32	97 898	24 973,245	451 217,896	18,068	17,602	78	82	36 241	806,189	3 983,476	4,941	4,475
29	33	97 804	23 761,072	426 244,651	17,939	17,472	79	83	32 279	683,848	3 177,287	4,646	4,180
30	34	97 706	22 606,852	402 483,579	17,804	17,337	80	84	28 353	572,083	2 493,439	4,359	3,892
31	35	97 601	21 507,301	379 876,727	17,663	17,196	81	85	24 473	470,271	1 921,356	4,086	3,619
32	36	97 487	20 459,238	358 369,426	17,516	17,050	82	86	20 709	379,005	1 451,085	3,829	3,362
33	37	97 369	19 461,363	337 910,188	17,363	16,897	83	87	17 167	299,222	1 072,080	3,583	3,116
34	38	97 247	18 511,415	318 448,825	17,203	16,736	84	88	13 827	229,516	772,858	3,367	2,901
35	39	97 111	17 605,289	299 937,410	17,037	16,570	85	89	10 879	171,993	543,341	3,159	2,693
36	40	96 959	16 740,649	282 332,120	16,865	16,399	86	90	8 303	125,014	371,349	2,970	2,504
37	41	96 801	15 917,577	265 591,471	16,685	16,219	87	91	6 184	88,676	246,335	2,778	2,312
38	42	96 625	15 132,040	249 673,894	16,500	16,033	88	92	4 388	59,923	157,659	2,631	2,165
39	43	96 430	14 382,333	234 541,854	16,308	15,841	89	93	3 022	39,303	97,736	2,487	2,020
40	44	96 215	13 666,940	220 159,521	16,109	15,643	90	94	2 003	24,808	58,434	2,355	1,889
41	45	95 975	12 983,688	206 492,581	15,904	15,438	91	95	1 288	15,194	33,625	2,213	1,747
42	46	95 703	12 330,349	193 508,893	15,694	15,227	92	96	784	8,810	18,431	2,092	1,626
43	47	95 401	11 706,070	181 178,544	15,477	15,011	93	97	452	4,834	9,622	1,991	1,524
44	48	95 052	11 107,887	169 472,474	15,257	14,791	94	98	248	2,524	4,788	1,897	1,430
45	49	94 674	10 536,867	158 364,587	15,030	14,563	95	99	129	1,250	2,264	1,812	1,345
46	50	94 248	9 989,978	147 827,720	14,798	14,331	96	100	63	0,585	1,014	1,734	1,268
47	51	93 769	9 465,890	137 837,742	14,562	14,095							
48	52	93 246	8 964,861	128 371,852	14,319	13,853							
49	53	92 659	8 484,238	119 406,991	14,074	13,608							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 996 925,495	20,048	19,581	50	55	91 725	7 998,723	109 573,957	13,699	13,233
1	6	99 196	94 472,216	1 897 316,090	20,083	19,617	51	56	91 004	7 558,000	101 575,234	13,439	12,973
2	7	99 153	89 934,303	1 802 843,874	20,046	19,580	52	57	90 224	7 136,367	94 017,233	13,174	12,708
3	8	99 125	85 628,076	1 712 909,571	20,004	19,538	53	58	89 379	6 732,896	86 880,866	12,904	12,438
4	9	99 104	81 533,171	1 627 281,495	19,959	19,492	54	59	88 461	6 346,423	80 147,970	12,629	12,162
5	10	99 084	77 634,521	1 545 748,324	19,911	19,444	55	60	87 474	5 976,784	73 801,548	12,348	11,882
6	11	99 064	73 923,129	1 468 113,802	19,860	19,394	56	61	86 396	5 621,998	67 824,764	12,064	11,598
7	12	99 046	70 389,967	1 394 190,674	19,807	19,340	57	62	85 264	5 284,184	62 202,766	11,771	11,305
8	13	99 029	67 026,442	1 323 800,707	19,750	19,284	58	63	84 055	4 961,148	56 918,582	11,473	11,006
9	14	99 009	63 822,290	1 256 774,265	19,692	19,225	59	64	82 756	4 651,893	51 957,434	11,169	10,703
10	15	98 989	60 770,392	1 192 951,975	19,630	19,164	60	65	81 372	4 356,281	47 305,541	10,859	10,393
11	16	98 966	57 863,543	1 132 181,583	19,566	19,100	61	66	79 886	4 073,066	42 949,261	10,545	10,078
12	17	98 941	55 093,920	1 074 318,040	19,500	19,033	62	67	78 338	3 803,974	38 876,194	10,220	9,753
13	18	98 913	52 455,704	1 019 224,120	19,430	18,964	63	68	76 777	3 546,019	35 072,220	9,891	9,424
14	19	98 883	49 942,527	966 768,416	19,358	18,891	64	69	74 929	3 300,161	31 526,201	9,553	9,087
15	20	98 845	47 546,240	916 825,888	19,283	18,816	65	70	73 042	3 063,861	28 226,040	9,213	8,746
16	21	98 805	45 263,537	869 279,648	19,205	18,738	66	71	71 045	2 838,162	25 162,179	8,866	8,399
17	22	98 754	43 086,033	824 016,111	19,125	18,658	67	72	68 928	2 622,486	22 324,017	8,513	8,046
18	23	98 698	41 010,880	780 930,078	19,042	18,576	68	73	66 638	2 414,625	19 701,531	8,159	7,693
19	24	98 620	39 027,396	739 919,198	18,959	18,493	69	74	64 196	2 215,368	17 286,906	7,803	7,337
20	25	98 544	37 140,234	700 891,802	18,871	18,405	70	75	61 594	2 024,375	15 071,538	7,445	6,979
21	26	98 463	35 342,643	663 751,568	18,780	18,314	71	76	58 802	1 840,553	13 047,164	7,089	6,622
22	27	98 381	33 631,691	628 408,925	18,685	18,219	72	77	55 830	1 664,339	11 206,611	6,733	6,267
23	28	98 301	32 003,897	594 777,234	18,585	18,118	73	78	52 637	1 494,413	9 542,272	6,385	5,919
24	29	98 221	30 455,203	562 773,337	18,479	18,012	74	79	49 255	1 331,806	8 047,859	6,043	5,576
25	30	98 137	28 980,204	532 318,134	18,368	17,902	75	80	45 694	1 176,695	6 716,052	5,708	5,241
26	31	98 052	27 576,267	503 337,930	18,253	17,786	76	81	41 976	1 029,474	5 539,357	5,381	4,914
27	32	97 960	26 238,515	475 761,663	18,132	17,666	77	82	38 136	890,767	4 509,883	5,063	4,597
28	33	97 864	24 964,596	449 523,148	18,006	17,540	78	83	34 180	760,342	3 619,116	4,760	4,293
29	34	97 768	23 752,475	424 558,552	17,874	17,408	79	84	30 182	639,426	2 858,774	4,471	4,004
30	35	97 666	22 597,677	400 806,077	17,737	17,270	80	85	26 256	529,757	2 219,348	4,189	3,723
31	36	97 559	21 498,135	378 208,400	17,593	17,126	81	86	22 385	430,159	1 689,590	3,928	3,461
32	37	97 442	20 449,698	356 710,264	17,443	16,977	82	87	18 708	342,375	1 259,431	3,679	3,212
33	38	97 318	19 451,113	336 260,567	17,287	16,821	83	88	15 199	264,913	917,057	3,462	2,995
34	39	97 190	18 500,502	316 809,454	17,124	16,658	84	89	12 092	200,721	652,144	3,249	2,783
35	40	97 043	17 592,908	298 308,952	16,956	16,490	85	90	9 359	147,954	451,423	3,051	2,585
36	41	96 890	16 728,716	280 716,044	16,780	16,314	86	91	7 073	106,487	303,469	2,850	2,383
37	42	96 721	15 904,350	263 987,328	16,598	16,132	87	92	5 113	73,322	196,982	2,687	2,220
38	43	96 534	15 117,726	248 082,977	16,410	15,944	88	93	3 559	48,598	123,660	2,545	2,078
39	44	96 328	14 367,152	232 965,251	16,215	15,749	89	94	2 397	31,172	75,062	2,408	1,942
40	45	96 106	13 651,485	218 598,100	16,013	15,546	90	95	1 551	19,217	43,890	2,284	1,818
41	46	95 845	12 966,127	204 946,615	15,806	15,340	91	96	973	11,480	24,673	2,149	1,683
42	47	95 555	12 311,226	191 980,488	15,594	15,128	92	97	577	6,484	13,194	2,035	1,568
43	48	95 235	11 685,755	179 669,262	15,375	14,909	93	98	323	3,461	6,710	1,939	1,472
44	49	94 876	11 087,305	167 983,507	15,151	14,685	94	99	172	1,756	3,249	1,850	1,383
45	50	94 476	10 514,823	156 896,202	14,921	14,455	95	100	87	0,844	1,492	1,769	1,303
46	51	94 028	9 966,637	146 381,379	14,687	14,221							
47	52	93 535	9 442,312	136 414,743	14,447	13,981							
48	53	92 988	8 940,021	126 972,431	14,203	13,736							
49	54	92 378	8 458,453	118 032,410	13,954	13,488							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 994 866,841	20,029	19,562	50	56	91 395	7 969,947	108 130,159	13,567	13,101
1	7	99 188	94 464,641	1 895 266,447	20,063	19,597	51	57	90 659	7 529,334	100 160,212	13,303	12,836
2	8	99 144	89 926,789	1 800 801,806	20,025	19,559	52	58	89 851	7 106,920	92 630,878	13,034	12,567
3	9	99 119	85 622,758	1 710 875,016	19,982	19,515	53	59	88 971	6 702,197	85 523,958	12,761	12,294
4	10	99 098	81 527,995	1 625 252,258	19,935	19,468	54	60	88 038	6 316,097	78 821,761	12,480	12,013
5	11	99 076	77 628,267	1 543 724,263	19,886	19,420	55	61	86 996	5 944,103	72 505,664	12,198	11,732
6	12	99 056	73 917,258	1 466 095,996	19,834	19,368	56	62	85 904	5 590,034	66 561,561	11,907	11,441
7	13	99 038	70 384,571	1 392 178,739	19,782	19,313	57	63	84 729	5 251,027	60 971,527	11,611	11,145
8	14	99 019	67 019,848	1 321 794,168	19,722	19,256	58	64	83 494	4 928,064	55 720,500	11,307	10,840
9	15	98 997	63 814,390	1 254 774,319	19,663	19,196	59	65	82 160	4 618,419	50 792,436	10,998	10,531
10	16	98 975	60 762,154	1 190 959,930	19,600	19,134	60	66	80 742	4 322,552	46 174,017	10,682	10,216
11	17	98 950	57 854,241	1 130 197,776	19,535	19,069	61	67	79 229	4 039,587	41 851,465	10,360	9,894
12	18	98 923	55 084,249	1 072 343,535	19,467	19,001	62	68	77 632	3 769,664	37 811,878	10,031	9,564
13	19	98 891	52 444,245	1 017 259,286	19,397	18,931	63	69	75 926	3 511,285	34 042,214	9,695	9,229
14	20	98 862	49 931,787	964 815,041	19,323	18,856	64	70	74 107	3 263,966	30 530,929	9,354	8,888
15	21	98 824	47 536,209	914 883,253	19,246	18,780	65	71	72 169	3 027,253	27 266,963	9,007	8,541
16	22	98 783	45 253,754	867 347,045	19,166	18,700	66	72	70 097	2 800,292	24 239,709	8,656	8,190
17	23	98 731	43 076,132	822 093,291	19,085	18,618	67	73	67 861	2 581,903	21 439,417	8,304	7,837
18	24	98 675	41 001,552	779 017,159	19,000	18,533	68	74	65 483	2 372,767	18 857,515	7,947	7,481
19	25	98 598	39 018,523	738 015,607	18,914	18,448	69	75	62 955	2 172,558	16 484,748	7,588	7,121
20	26	98 522	37 131,958	698 997,084	18,825	18,358	70	76	60 222	1 979,269	14 312,190	7,231	6,765
21	27	98 437	35 333,201	661 865,127	18,732	18,266	71	77	57 311	1 793,899	12 332,921	6,875	6,409
22	28	98 356	33 623,010	626 531,926	18,634	18,168	72	78	54 214	1 616,149	10 539,022	6,521	6,055
23	29	98 275	31 995,584	592 908,916	18,531	18,065	73	79	50 886	1 444,712	8 922,872	6,176	5,710
24	30	98 194	30 446,755	560 913,332	18,423	17,956	74	80	47 405	1 281,796	7 478,161	5,834	5,368
25	31	98 110	28 972,251	530 466,576	18,309	17,843	75	81	43 712	1 125,658	6 196,365	5,505	5,038
26	32	98 020	27 567,276	501 494,325	18,192	17,725	76	82	39 898	978,519	5 070,707	5,182	4,716
27	33	97 926	26 229,427	473 927,049	18,069	17,602	77	83	35 968	840,111	4 092,187	4,871	4,405
28	34	97 829	24 955,564	447 697,622	17,940	17,473	78	84	31 960	710,951	3 252,076	4,574	4,108
29	35	97 729	23 742,836	422 742,058	17,805	17,339	79	85	27 949	592,118	2 541,125	4,292	3,825
30	36	97 624	22 588,047	398 999,222	17,664	17,198	80	86	24 016	484,571	1 949,007	4,022	3,556
31	37	97 514	21 488,110	376 411,174	17,517	17,051	81	87	20 222	388,585	1 464,436	3,769	3,302
32	38	97 390	20 438,927	354 923,064	17,365	16,899	82	88	16 563	303,118	1 075,851	3,549	3,083
33	39	97 260	19 439,645	334 484,137	17,206	16,740	83	89	13 292	231,676	772,734	3,335	2,869
34	40	97 121	18 487,491	315 044,492	17,041	16,575	84	90	10 402	172,666	541,057	3,134	2,667
35	41	96 974	17 580,368	296 557,001	16,869	16,402	85	91	7 972	126,027	368,391	2,923	2,457
36	42	96 809	16 714,815	278 976,633	16,690	16,224	86	92	5 848	88,050	242,364	2,753	2,286
37	43	96 629	15 889,306	262 261,818	16,506	16,039	87	93	4 147	59,465	154,314	2,595	2,129
38	44	96 432	15 101,769	246 372,512	16,314	15,848	88	94	2 822	38,544	94,849	2,461	1,994
39	45	96 219	14 350,905	231 270,744	16,115	15,649	89	95	1 856	24,146	56,304	2,332	1,865
40	46	95 976	13 633,020	216 919,839	15,911	15,445	90	96	1 172	14,519	32,159	2,215	1,748
41	47	95 697	12 946,018	203 286,818	15,703	15,236	91	97	716	8,449	17,639	2,088	1,621
42	48	95 389	12 289,861	190 340,801	15,488	15,021	92	98	413	4,643	9,190	1,979	1,513
43	49	95 059	11 664,101	178 050,940	15,265	14,798	93	99	225	2,408	4,547	1,888	1,422
44	50	94 677	11 064,110	166 386,838	15,038	14,572	94	100	116	1,186	2,139	1,804	1,338
45	51	94 255	10 490,256	155 322,729	14,806	14,340							
46	52	93 794	9 941,812	144 832,473	14,568	14,102							
47	53	93 276	9 416,149	134 890,662	14,325	13,859							
48	54	92 705	8 912,851	125 474,513	14,078	13,612							
49	55	92 083	8 431,503	116 561,662	13,825	13,358							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 992 658,387	20,008	19,542	50	57	91 048	7 939,718	106 588,956	13,425	12,958
1	8	99 180	94 456,749	1 893 065,979	20,042	19,575	51	58	90 285	7 498,266	98 649,238	13,156	12,690
2	9	99 138	89 921,204	1 798 609,229	20,002	19,536	52	59	89 442	7 074,515	91 150,972	12,884	12,418
3	10	99 113	85 617,322	1 708 688,026	19,957	19,491	53	60	88 546	6 670,171	84 076,457	12,605	12,138
4	11	99 090	81 521,427	1 623 070,703	19,910	19,443	54	61	87 557	6 281,561	77 406,286	12,323	11,856
5	12	99 068	77 622,102	1 541 549,276	19,860	19,393	55	62	86 501	5 910,308	71 124,724	12,034	11,568
6	13	99 049	73 911,592	1 463 927,175	19,806	19,340	56	63	85 365	5 554,958	65 214,416	11,740	11,273
7	14	99 028	70 377,647	1 390 015,583	19,751	19,284	57	64	84 164	5 216,010	59 659,458	11,438	10,971
8	15	99 007	67 011,552	1 319 637,936	19,693	19,226	58	65	82 893	4 892,603	54 443,448	11,128	10,661
9	16	98 984	63 805,739	1 252 626,384	19,632	19,165	59	66	81 524	4 582,661	49 550,846	10,813	10,346
10	17	98 959	60 752,385	1 188 820,645	19,568	19,102	60	67	80 078	4 287,022	44 968,185	10,489	10,023
11	18	98 933	57 844,086	1 128 068,260	19,502	19,035	61	68	78 514	4 003,151	40 681,163	10,162	9,696
12	19	98 902	55 072,216	1 070 224,174	19,433	18,967	62	69	76 871	3 732,740	36 678,011	9,826	9,360
13	20	98 870	52 432,967	1 015 151,958	19,361	18,895	63	70	75 094	3 472,774	32 945,272	9,487	9,020
14	21	98 841	49 921,252	962 718,991	19,285	18,818	64	71	73 222	3 224,967	29 472,497	9,139	8,672
15	22	98 803	47 525,934	912 797,739	19,206	18,740	65	72	71 206	2 986,861	26 247,530	8,788	8,321
16	23	98 761	45 243,354	865 271,805	19,125	18,658	66	73	69 012	2 756,957	23 260,669	8,437	7,971
17	24	98 709	43 066,334	820 028,450	19,041	18,575	67	74	66 685	2 537,144	20 503,712	8,081	7,615
18	25	98 653	40 992,230	776 962,116	18,954	18,487	68	75	64 217	2 326,915	17 966,568	7,721	7,255
19	26	98 576	39 009,828	735 969,886	18,866	18,400	69	76	61 553	2 124,151	15 639,653	7,363	6,896
20	27	98 496	37 122,038	696 960,058	18,775	18,308	70	77	58 696	1 929,099	13 515,502	7,006	6,540
21	28	98 412	35 324,080	659 838,021	18,680	18,213	71	78	55 652	1 741,958	11 586,402	6,651	6,185
22	29	98 331	33 614,277	624 513,941	18,579	18,112	72	79	52 411	1 562,399	9 844,444	6,301	5,834
23	30	98 248	31 986,710	590 899,664	18,473	18,007	73	80	48 975	1 390,462	8 282,045	5,956	5,490
24	31	98 167	30 438,400	558 912,954	18,362	17,896	74	81	45 349	1 226,201	6 891,583	5,620	5,154
25	32	98 078	28 962,805	528 474,554	18,247	17,780	75	82	41 549	1 069,943	5 665,383	5,295	4,829
26	33	97 986	27 557,729	499 511,749	18,126	17,660	76	83	37 630	922,873	4 595,440	4,979	4,513
27	34	97 891	26 219,938	471 954,020	18,000	17,533	77	84	33 631	785,538	3 672,567	4,675	4,209
28	35	97 789	24 945,436	445 734,083	17,868	17,402	78	85	29 595	658,351	2 887,029	4,385	3,919
29	36	97 687	23 732,718	420 788,646	17,730	17,264	79	86	25 565	541,613	2 228,678	4,115	3,648
30	37	97 579	22 577,514	397 055,928	17,586	17,120	80	87	21 695	437,738	1 687,065	3,854	3,388
31	38	97 463	21 476,793	374 478,414	17,436	16,970	81	88	17 903	344,029	1 249,327	3,631	3,165
32	39	97 333	20 426,877	353 001,622	17,281	16,815	82	89	14 485	265,088	905,298	3,415	2,949
33	40	97 192	19 425,974	332 574,745	17,120	16,654	83	90	11 434	199,295	640,210	3,212	2,746
34	41	97 052	18 474,313	313 148,771	16,950	16,484	84	91	8 860	147,078	440,915	2,998	2,531
35	42	96 893	17 565,759	294 674,458	16,776	16,309	85	92	6 592	104,206	293,837	2,820	2,353
36	43	96 718	16 699,004	277 108,699	16,594	16,128	86	93	4 743	71,410	189,631	2,656	2,189
37	44	96 527	15 872,534	260 409,695	16,406	15,940	87	94	3 289	47,163	118,221	2,507	2,040
38	45	96 323	15 084,691	244 537,161	16,211	15,745	88	95	2 186	29,857	71,058	2,380	1,914
39	46	96 089	14 331,495	229 452,470	16,010	15,544	89	96	1 403	18,243	41,201	2,258	1,792
40	47	95 827	13 611,877	215 120,975	15,804	15,338	90	97	863	10,686	22,958	2,148	1,682
41	48	95 531	12 923,551	201 509,099	15,592	15,126	91	98	513	6,050	12,271	2,028	1,562
42	49	95 212	12 267,088	188 585,548	15,373	14,907	92	99	287	3,230	6,222	1,926	1,460
43	50	94 860	11 639,699	176 318,460	15,148	14,682	93	100	152	1,626	2,991	1,840	1,374
44	51	94 456	11 038,259	164 678,760	14,919	14,453							
45	52	94 020	10 464,127	153 640,502	14,683	14,216							
46	53	93 534	9 914,265	143 176,375	14,441	13,975							
47	54	92 993	9 387,531	133 262,111	14,196	13,729							
48	55	92 410	8 884,453	123 874,579	13,943	13,476							
49	56	91 752	8 401,170	114 990,126	13,687	13,221							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 990 290,717	19,986	19,520	50	58	90 672	7 906,957	104 946,230	13,273	12,806
1	9	99 173	94 450,882	1 890 706,628	20,018	19,551	51	59	89 873	7 464,076	97 039,273	13,001	12,534
2	10	99 132	89 915,495	1 796 255,746	19,977	19,511	52	60	89 014	7 040,711	89 575,197	12,722	12,256
3	11	99 105	85 610,425	1 706 340,250	19,931	19,465	53	61	88 062	6 633,699	82 534,486	12,442	11,975
4	12	99 082	81 514,953	1 620 729,825	19,883	19,416	54	62	87 059	6 245,848	75 900,787	12,152	11,686
5	13	99 060	77 616,152	1 539 214,873	19,831	19,365	55	63	85 958	5 873,222	69 654,939	11,860	11,393
6	14	99 039	73 904,321	1 461 598,721	19,777	19,311	56	64	84 796	5 517,914	63 781,717	11,559	11,093
7	15	99 016	70 368,935	1 387 694,400	19,720	19,254	57	65	83 559	5 178,476	58 263,803	11,251	10,785
8	16	98 993	67 002,467	1 317 325,466	19,661	19,194	58	66	82 251	4 854,722	53 085,326	10,935	10,468
9	17	98 968	63 795,481	1 250 322,998	19,599	19,133	59	67	80 854	4 544,993	48 230,605	10,612	10,145
10	18	98 942	60 741,721	1 186 527,517	19,534	19,068	60	68	79 356	4 248,355	43 685,612	10,283	9,817
11	19	98 911	57 831,450	1 125 785,796	19,467	19,000	61	69	77 745	3 963,940	39 437,257	9,949	9,483
12	20	98 881	55 060,373	1 067 954,346	19,396	18,930	62	70	76 028	3 691,800	35 473,318	9,609	9,142
13	21	98 849	52 421,904	1 012 893,973	19,322	18,856	63	71	74 196	3 431,281	31 781,517	9,262	8,796
14	22	98 819	49 910,462	960 472,068	19,244	18,778	64	72	72 245	3 181,937	28 350,236	8,910	8,443
15	23	98 780	47 515,013	910 561,607	19,164	18,697	65	73	70 105	2 940,639	25 168,300	8,559	8,092
16	24	98 738	45 233,064	863 046,594	19,080	18,614	66	74	67 816	2 709,164	22 227,661	8,205	7,738
17	25	98 686	43 056,543	817 813,530	18,994	18,528	67	75	65 396	2 488,116	19 518,497	7,845	7,378
18	26	98 631	40 983,095	774 756,987	18,904	18,438	68	76	62 787	2 275,069	17 030,381	7,486	7,019
19	27	98 550	38 999,406	733 773,892	18,815	18,349	69	77	59 992	2 070,309	14 755,312	7,127	6,661
20	28	98 470	37 112,455	694 774,486	18,721	18,254	70	78	56 996	1 873,244	12 685,003	6,772	6,305
21	29	98 386	35 314,905	657 662,031	18,623	18,156	71	79	53 801	1 684,024	10 811,760	6,420	5,954
22	30	98 303	33 604,954	622 347,126	18,520	18,053	72	80	50 443	1 503,730	9 127,736	6,070	5,604
23	31	98 221	31 977,932	588 742,172	18,411	17,944	73	81	46 851	1 330,153	7 624,006	5,732	5,265
24	32	98 135	30 428,476	556 764,240	18,297	17,831	74	82	43 105	1 165,509	6 293,853	5,400	4,934
25	33	98 044	28 952,774	526 335,765	18,179	17,713	75	83	39 186	1 009,097	5 128,344	5,082	4,616
26	34	97 951	27 547,758	497 382,990	18,055	17,589	76	84	35 185	862,924	4 119,246	4,774	4,307
27	35	97 851	26 209,297	469 835,232	17,926	17,460	77	85	31 143	727,420	3 256,322	4,477	4,010
28	36	97 748	24 934,806	443 625,935	17,791	17,325	78	86	27 071	602,197	2 528,903	4,199	3,733
29	37	97 642	23 721,651	418 691,129	17,650	17,184	79	87	23 094	489,267	1 926,706	3,938	3,472
30	38	97 527	22 565,622	394 969,478	17,503	17,037	80	88	19 207	387,546	1 437,439	3,709	3,243
31	39	97 405	21 464,131	372 403,856	17,350	16,884	81	89	15 657	300,866	1 049,893	3,490	3,023
32	40	97 264	20 412,511	350 939,725	17,192	16,726	82	90	12 460	228,037	749,026	3,285	2,818
33	41	97 123	19 412,127	330 527,214	17,027	16,560	83	91	9 740	169,760	520,990	3,069	2,603
34	42	96 971	18 458,961	311 115,087	16,854	16,388	84	92	7 326	121,612	351,229	2,888	2,422
35	43	96 801	17 549,143	292 656,125	16,676	16,210	85	93	5 346	84,513	229,617	2,717	2,251
36	44	96 615	16 681,377	275 106,982	16,492	16,025	86	94	3 762	56,636	145,104	2,562	2,096
37	45	96 418	15 854,585	258 425,605	16,300	15,833	87	95	2 548	36,533	88,468	2,422	1,955
38	46	96 193	15 064,288	242 571,020	16,102	15,636	88	96	1 652	22,558	51,935	2,302	1,836
39	47	95 940	14 309,268	227 506,732	15,899	15,433	89	97	1 032	13,427	29,377	2,188	1,721
40	48	95 661	13 588,254	213 197,465	15,690	15,223	90	98	618	7,652	15,949	2,084	1,618
41	49	95 354	12 899,604	199 609,210	15,474	15,008	91	99	357	4,209	8,297	1,971	1,505
42	50	95 013	12 241,425	186 709,606	15,252	14,786	92	100	194	2,181	4,088	1,875	1,408
43	51	94 638	11 612,504	174 468,182	15,024	14,558							
44	52	94 221	11 010,765	162 855,678	14,791	14,324							
45	53	93 760	10 435,132	151 844,913	14,551	14,085							
46	54	93 249	9 884,133	141 409,781	14,307	13,840							
47	55	92 696	9 357,621	131 525,648	14,055	13,589							
48	56	92 077	8 852,491	122 168,026	13,800	13,334							
49	57	91 404	8 369,306	113 315,536	13,539	13,073							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 987 755,629	19,962	19,495	50	59	90 259	7 870,904	103 199,051	13,111	12,645
1	10	99 167	94 444,886	1 888 177,726	19,992	19,526	51	60	89 444	7 428,410	95 328,147	12,833	12,367
2	11	99 124	89 908,252	1 793 732,839	19,951	19,484	52	61	88 528	7 002,213	87 899,737	12,553	12,087
3	12	99 097	85 603,626	1 703 824,588	19,904	19,437	53	62	87 561	6 595,984	80 897,524	12,265	11,798
4	13	99 074	81 508,704	1 618 220,962	19,853	19,387	54	63	86 513	6 206,657	74 301,540	11,971	11,505
5	14	99 050	77 608,517	1 536 712,258	19,801	19,334	55	64	85 385	5 834,056	68 094,883	11,672	11,206
6	15	99 027	73 895,172	1 459 103,741	19,746	19,279	56	65	84 186	5 478,208	62 260,827	11,365	10,899
7	16	99 003	70 359,395	1 385 208,570	19,688	19,221	57	66	82 912	5 138,382	56 782,619	11,051	10,584
8	17	98 977	66 991,696	1 314 849,174	19,627	19,161	58	67	81 575	4 814,817	51 644,237	10,726	10,260
9	18	98 950	63 784,283	1 247 857,478	19,564	19,097	59	68	80 125	4 503,998	46 829,420	10,397	9,931
10	19	98 920	60 728,453	1 184 073,196	19,498	19,031	60	69	78 579	4 206,741	42 325,421	10,061	9,595
11	20	98 890	57 819,013	1 123 344,743	19,429	18,962	61	70	76 893	3 920,465	38 118,680	9,723	9,257
12	21	98 860	55 048,756	1 065 525,729	19,356	18,890	62	71	75 120	3 647,690	34 198,215	9,375	8,909
13	22	98 828	52 410,573	1 010 476,973	19,280	18,814	63	72	73 206	3 385,497	30 550,525	9,024	8,558
14	23	98 797	49 898,993	958 066,400	19,200	18,734	64	73	71 127	3 132,696	27 165,028	8,671	8,205
15	24	98 758	47 504,205	908 167,408	19,118	18,651	65	74	68 889	2 889,661	24 032,332	8,317	7,850
16	25	98 716	45 222,780	860 663,202	19,032	18,565	66	75	66 505	2 656,812	21 142,671	7,958	7,492
17	26	98 664	43 046,948	815 440,423	18,943	18,477	67	76	63 939	2 432,678	18 485,859	7,599	7,133
18	27	98 604	40 972,146	772 393,475	18,852	18,385	68	77	61 195	2 217,401	16 053,181	7,240	6,773
19	28	98 524	38 989,339	731 421,328	18,760	18,293	69	78	58 255	2 010,364	13 835,780	6,882	6,416
20	29	98 445	37 102,816	692 431,989	18,663	18,196	70	79	55 101	1 810,943	11 825,415	6,530	6,064
21	30	98 359	35 305,110	655 329,173	18,562	18,095	71	80	51 781	1 620,788	10 014,472	6,179	5,712
22	31	98 276	33 595,731	620 024,063	18,455	17,989	72	81	48 255	1 438,509	8 393,684	5,835	5,369
23	32	98 189	31 967,506	586 428,332	18,345	17,878	73	82	44 532	1 264,316	6 955,176	5,501	5,035
24	33	98 101	30 417,937	554 460,826	18,228	17,762	74	83	40 653	1 099,229	5 690,860	5,177	4,711
25	34	98 009	28 942,299	524 042,889	18,106	17,640	75	84	36 640	943,547	4 591,631	4,866	4,400
26	35	97 911	27 536,579	495 100,590	17,980	17,513	76	85	32 582	799,080	3 648,084	4,565	4,099
27	36	97 810	26 198,128	467 564,011	17,847	17,381	77	86	28 487	665,374	2 849,004	4,282	3,815
28	37	97 702	24 923,178	441 365,883	17,709	17,243	78	87	24 455	543,995	2 183,629	4,014	3,548
29	38	97 590	23 709,157	416 442,705	17,565	17,098	79	88	20 446	433,167	1 639,634	3,785	3,319
30	39	97 470	22 552,318	392 733,548	17,414	16,948	80	89	16 798	338,924	1 206,468	3,560	3,093
31	40	97 337	21 449,036	370 181,229	17,259	16,792	81	90	13 469	258,815	867,544	3,352	2,886
32	41	97 195	20 397,961	348 732,193	17,096	16,630	82	91	10 614	194,243	608,729	3,134	2,667
33	42	97 042	19 395,996	328 334,232	16,928	16,462	83	92	8 053	140,367	414,486	2,953	2,486
34	43	96 880	18 441,500	308 938,236	16,752	16,286	84	93	5 942	98,629	274,119	2,779	2,313
35	44	96 699	17 530,619	290 496,736	16,571	16,104	85	94	4 240	67,029	175,490	2,618	2,152
36	45	96 506	16 662,514	272 966,117	16,382	15,916	86	95	2 914	43,871	108,461	2,472	2,006
37	46	96 288	15 833,140	256 303,603	16,188	15,721	87	96	1 925	27,602	64,590	2,340	1,874
38	47	96 043	15 040,925	240 470,463	15,988	15,521	88	97	1 216	16,603	36,987	2,228	1,761
39	48	95 774	14 284,435	225 429,538	15,781	15,315	89	98	739	9,615	20,384	2,120	1,654
40	49	95 484	13 563,076	211 145,103	15,568	15,101	90	99	430	5,324	10,770	2,023	1,557
41	50	95 154	12 872,617	197 582,027	15,349	14,883	91	100	241	2,842	5,446	1,917	1,450
42	51	94 791	12 212,823	184 709,410	15,124	14,658							
43	52	94 402	11 583,579	172 496,587	14,891	14,425							
44	53	93 960	10 980,256	160 913,008	14,655	14,188							
45	54	93 475	10 403,418	149 932,752	14,412	13,945							
46	55	92 952	9 852,641	139 529,334	14,162	13,695							
47	56	92 363	9 323,957	129 676,693	13,908	13,442							
48	57	91 728	8 818,914	120 352,736	13,647	13,181							
49	58	91 027	8 334,771	111 533,822	13,382	12,915							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 985 042,151	19,936	19,469	50	60	89 828	7 833,294	101 345,384	12,938	12,471
1	11	99 159	94 437,278	1 885 470,569	19,965	19,499	51	61	88 955	7 387,793	93 512,090	12,658	12,191
2	12	99 116	89 901,111	1 791 033,292	19,922	19,456	52	62	88 024	6 962,402	86 124,298	12,370	11,904
3	13	99 089	85 597,064	1 701 132,181	19,874	19,407	53	63	87 012	6 554,595	79 161,896	12,077	11,611
4	14	99 065	81 500,686	1 615 535,117	19,822	19,356	54	64	85 936	6 165,267	72 607,300	11,777	11,310
5	15	99 038	77 598,909	1 534 034,431	19,769	19,302	55	65	84 771	5 792,075	66 442,034	11,471	11,005
6	16	99 013	73 885,154	1 456 435,522	19,712	19,246	56	66	83 534	5 435,793	60 649,959	11,158	10,691
7	17	98 987	70 348,084	1 382 550,367	19,653	19,187	57	67	82 230	5 096,146	55 214,165	10,834	10,368
8	18	98 960	66 979,936	1 312 202,283	19,591	19,125	58	68	80 840	4 771,389	50 118,019	10,504	10,037
9	19	98 929	63 770,350	1 245 222,347	19,527	19,060	59	69	79 340	4 459,881	45 346,630	10,168	9,701
10	20	98 899	60 715,393	1 181 451,997	19,459	18,992	60	70	77 717	4 160,603	40 886,749	9,827	9,361
11	21	98 869	57 806,814	1 120 736,604	19,388	18,921	61	71	75 974	3 873,622	36 726,145	9,481	9,015
12	22	98 838	55 036,857	1 062 929,790	19,313	18,847	62	72	74 117	3 599,019	32 852,523	9,128	8,662
13	23	98 805	52 398,530	1 007 892,932	19,235	18,769	63	73	72 073	3 333,106	29 253,505	8,777	8,310
14	24	98 774	49 887,643	955 494,403	19,153	18,687	64	74	69 894	3 078,389	25 920,398	8,420	7,954
15	25	98 735	47 493,405	905 606,760	19,068	18,602	65	75	67 558	2 833,821	22 842,009	8,060	7,594
16	26	98 694	45 212,702	858 113,355	18,979	18,513	66	76	65 023	2 597,615	20 008,188	7,703	7,236
17	27	98 638	43 035,448	812 900,653	18,889	18,423	67	77	62 319	2 371,015	17 410,572	7,343	6,877
18	28	98 579	40 961,570	769 865,205	18,795	18,328	68	78	59 423	2 153,198	15 039,557	6,985	6,518
19	29	98 499	38 979,212	728 903,635	18,700	18,233	69	79	56 318	1 943,503	12 886,359	6,630	6,164
20	30	98 418	37 092,525	689 924,423	18,600	18,134	70	80	53 031	1 742,941	10 942,856	6,278	5,812
21	31	98 332	35 295,421	652 831,898	18,496	18,030	71	81	49 535	1 550,489	9 199,915	5,934	5,467
22	32	98 244	33 584,778	617 536,477	18,387	17,921	72	82	45 867	1 367,308	7 649,426	5,595	5,128
23	33	98 155	31 956,434	583 951,699	18,273	17,807	73	83	42 000	1 192,417	6 282,117	5,268	4,802
24	34	98 065	30 406,932	551 995,265	18,154	17,687	74	84	38 013	1 027,824	5 089,700	4,952	4,486
25	35	97 969	28 930,554	521 588,332	18,029	17,563	75	85	33 930	873,738	4 061,876	4,649	4,182
26	36	97 869	27 524,844	492 657,778	17,899	17,432	76	86	29 803	730,922	3 188,138	4,362	3,895
27	37	97 764	26 185,911	465 132,934	17,763	17,296	77	87	25 733	601,067	2 457,216	4,088	3,622
28	38	97 651	24 910,051	438 947,023	17,621	17,155	78	88	21 651	481,620	1 856,149	3,854	3,388
29	39	97 533	23 695,179	414 036,972	17,473	17,007	79	89	17 881	378,821	1 374,529	3,628	3,162
30	40	97 401	22 536,458	390 341,793	17,320	16,854	80	90	14 450	291,553	995,709	3,415	2,949
31	41	97 267	21 433,747	367 805,335	17,160	16,694	81	91	11 473	220,459	704,156	3,194	2,728
32	42	97 114	20 381,011	346 371,588	16,995	16,528	82	92	8 776	160,611	483,696	3,012	2,545
33	43	96 950	19 377,648	325 990,577	16,823	16,357	83	93	6 531	113,840	323,086	2,838	2,372
34	44	96 777	18 422,034	306 612,928	16,644	16,177	84	94	4 712	78,225	209,246	2,675	2,209
35	45	96 590	17 510,795	288 190,894	16,458	15,991	85	95	3 284	51,921	131,021	2,523	2,057
36	46	96 376	16 639,976	270 680,099	16,267	15,800	86	96	2 202	33,147	79,100	2,386	1,920
37	47	96 138	15 808,584	254 040,123	16,070	15,603	87	97	1 417	20,316	45,953	2,262	1,796
38	48	95 877	15 014,822	238 231,538	15,866	15,400	88	98	871	11,889	25,637	2,156	1,690
39	49	95 596	14 257,967	223 216,716	15,656	15,189	89	99	514	6,689	13,749	2,055	1,589
40	50	95 284	13 534,701	208 958,749	15,439	14,972	90	100	290	3,594	7,060	1,964	1,498
41	51	94 932	12 842,541	195 424,048	15,217	14,751							
42	52	94 555	12 182,404	182 581,508	14,987	14,521							
43	53	94 141	11 551,483	170 399,104	14,751	14,285							
44	54	93 674	10 946,885	158 847,621	14,511	14,044							
45	55	93 177	10 370,271	147 900,736	14,262	13,796							
46	56	92 618	9 817,196	137 530,465	14,009	13,543							
47	57	92 013	9 288,592	127 713,270	13,749	13,283							
48	58	91 349	8 782,525	118 424,677	13,484	13,018							
49	59	90 612	8 296,768	109 642,152	13,215	12,749							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 982 141,374	19,908	19,442	50	61	89 336	7 790,462	99 381,512	12,757	12,290
1	12	99 151	94 429,777	1 882 577,814	19,936	19,470	51	62	88 449	7 345,790	91 591,050	12,469	12,002
2	13	99 108	89 894,220	1 788 148,037	19,892	19,425	52	63	87 472	6 918,715	84 245,260	12,176	11,710
3	14	99 080	85 588,643	1 698 253,817	19,842	19,376	53	64	86 432	6 510,885	77 326,546	11,877	11,410
4	15	99 052	81 490,597	1 612 665,174	19,790	19,323	54	65	85 317	6 120,902	70 815,660	11,569	11,103
5	16	99 025	77 588,390	1 531 174,577	19,735	19,268	55	66	84 114	5 747,230	64 694,758	11,257	10,790
6	17	98 997	73 873,277	1 453 586,187	19,677	19,210	56	67	82 847	5 391,113	58 947,528	10,934	10,468
7	18	98 969	70 335,736	1 379 712,911	19,616	19,150	57	68	81 489	5 050,181	53 556,415	10,605	10,138
8	19	98 938	66 965,305	1 309 377,175	19,553	19,087	58	69	80 048	4 724,653	48 506,234	10,267	9,800
9	20	98 907	63 756,636	1 242 411,870	19,487	19,020	59	70	78 470	4 410,967	43 781,581	9,926	9,459
10	21	98 878	60 702,583	1 178 655,234	19,417	18,950	60	71	76 788	4 110,891	39 370,615	9,577	9,111
11	22	98 848	57 794,319	1 117 952,651	19,344	18,877	61	72	74 960	3 821,936	35 259,723	9,226	8,759
12	23	98 816	55 024,210	1 060 158,332	19,267	18,801	62	73	72 971	3 543,323	31 437,787	8,872	8,406
13	24	98 783	52 386,611	1 005 134,122	19,187	18,720	63	74	70 824	3 275,326	27 894,464	8,517	8,050
14	25	98 752	49 876,301	952 747,510	19,102	18,636	64	75	68 543	3 018,902	24 619,138	8,155	7,689
15	26	98 713	47 482,821	902 871,210	19,015	18,548	65	76	66 053	2 770,681	21 600,236	7,796	7,330
16	27	98 667	45 200,623	855 388,388	18,924	18,458	66	77	63 375	2 531,772	18 829,555	7,437	6,971
17	28	98 613	43 024,339	810 187,765	18,831	18,365	67	78	60 514	2 302,364	16 297,784	7,079	6,612
18	29	98 553	40 950,931	767 163,426	18,734	18,267	68	79	57 447	2 081,587	13 995,419	6,723	6,257
19	30	98 471	38 968,401	726 212,496	18,636	18,170	69	80	54 203	1 870,524	11 913,833	6,369	5,903
20	31	98 391	37 082,345	687 244,094	18,533	18,067	70	81	50 731	1 667,344	10 043,309	6,024	5,557
21	32	98 300	35 283,914	650 161,749	18,427	17,960	71	82	47 083	1 473,746	8 375,965	5,683	5,217
22	33	98 210	33 573,146	614 877,835	18,315	17,848	72	83	43 258	1 289,553	6 902,219	5,352	4,886
23	34	98 119	31 944,873	581 304,689	18,197	17,731	73	84	39 272	1 114,959	5 612,666	5,034	4,568
24	35	98 026	30 394,592	549 359,817	18,074	17,608	74	85	35 200	951,780	4 497,707	4,726	4,259
25	36	97 927	28 918,225	518 965,224	17,946	17,480	75	86	31 036	799,212	3 545,928	4,437	3,970
26	37	97 824	27 512,009	490 046,999	17,812	17,346	76	87	26 922	660,279	2 746,715	4,160	3,694
27	38	97 712	26 172,119	462 534,990	17,673	17,206	77	88	22 783	532,147	2 086,436	3,921	3,454
28	39	97 593	24 895,365	436 362,871	17,528	17,061	78	89	18 934	421,195	1 554,288	3,690	3,224
29	40	97 464	23 678,515	411 467,506	17,377	16,911	79	90	15 382	325,873	1 133,093	3,477	3,011
30	41	97 332	22 520,394	387 788,991	17,219	16,753	80	91	12 308	248,346	807,220	3,250	2,784
31	42	97 186	21 415,936	365 268,597	17,056	16,590	81	92	9 486	182,288	558,874	3,066	2,599
32	43	97 022	20 361,732	343 852,661	16,887	16,421	82	93	7 117	130,258	376,586	2,891	2,425
33	44	96 848	19 357,194	323 490,929	16,712	16,245	83	94	5 180	90,289	246,328	2,728	2,262
34	45	96 668	18 401,202	304 133,735	16,528	16,062	84	95	3 650	60,593	156,040	2,575	2,109
35	46	96 459	17 487,111	285 732,532	16,340	15,873	85	96	2 481	39,229	95,446	2,433	1,967
36	47	96 226	16 614,169	268 245,422	16,146	15,679	86	97	1 620	24,396	56,217	2,304	1,838
37	48	95 972	15 781,150	251 631,253	15,945	15,479	87	98	1 014	14,547	31,821	2,187	1,721
38	49	95 699	14 987,000	235 850,103	15,737	15,271	88	99	606	8,271	17,274	2,088	1,622
39	50	95 396	14 228,138	220 863,102	15,523	15,057	89	100	347	4,516	9,003	1,994	1,527
40	51	95 062	13 503,078	206 634,964	15,303	14,836							
41	52	94 695	12 810,553	193 131,887	15,076	14,610							
42	53	94 293	12 148,648	180 321,334	14,843	14,377							
43	54	93 855	11 516,376	168 172,686	14,603	14,137							
44	55	93 376	10 912,006	156 656,310	14,356	13,890							
45	56	92 842	10 332,964	145 744,304	14,105	13,638							
46	57	92 267	9 779,960	135 411,340	13,846	13,379							
47	58	91 633	9 250,265	125 631,380	13,581	13,115							
48	59	90 933	8 742,480	116 381,115	13,312	12,846							
49	60	90 179	8 257,123	107 638,635	13,036	12,569							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 979 045,809	19,879	19,412	50	62	88 828	7 746,170	97 307,609	12,562	12,096
1	13	99 144	94 422,539	1 879 490,157	19,905	19,439	51	63	87 894	7 299,696	89 561,439	12,269	11,803
2	14	99 099	89 885,377	1 785 067,618	19,859	19,393	52	64	86 889	6 872,576	82 261,743	11,970	11,503
3	15	99 067	85 578,048	1 695 182,241	19,809	19,342	53	65	85 810	6 464,034	75 389,167	11,663	11,196
4	16	99 039	81 479,550	1 609 604,193	19,755	19,288	54	66	84 657	6 073,512	68 925,132	11,348	10,882
5	17	99 009	77 575,916	1 528 124,643	19,698	19,232	55	67	83 423	5 699,990	62 851,621	11,027	10,560
6	18	98 980	73 860,309	1 450 548,727	19,639	19,173	56	68	82 100	5 342,487	57 151,631	10,698	10,231
7	19	98 948	70 320,372	1 376 688,418	19,577	19,111	57	69	80 690	5 000,713	51 809,144	10,360	9,894
8	20	98 917	66 950,904	1 306 368,046	19,512	19,046	58	70	79 170	4 672,835	46 808,431	10,017	9,551
9	21	98 887	63 743,184	1 239 417,142	19,444	18,978	59	71	77 532	4 358,263	42 135,596	9,668	9,202
10	22	98 857	60 689,462	1 175 673,958	19,372	18,906	60	72	75 764	4 056,040	37 777,333	9,314	8,847
11	23	98 825	57 781,039	1 114 984,496	19,297	18,830	61	73	73 800	3 762,791	33 721,293	8,962	8,495
12	24	98 793	55 011,694	1 057 203,458	19,218	18,751	62	74	71 706	3 481,898	29 958,502	8,604	8,138
13	25	98 760	52 374,701	1 002 191,763	19,135	18,669	63	75	69 455	3 212,033	26 476,603	8,243	7,777
14	26	98 730	49 865,186	949 817,062	19,048	18,581	64	76	67 016	2 951,638	23 264,570	7,882	7,416
15	27	98 687	47 470,136	899 951,876	18,958	18,492	65	77	64 378	2 700,450	20 312,933	7,522	7,056
16	28	98 642	45 188,955	852 481,740	18,865	18,398	66	78	61 540	2 458,466	17 612,482	7,164	6,698
17	29	98 587	43 013,164	807 292,785	18,769	18,302	67	79	58 502	2 225,792	15 154,017	6,808	6,342
18	30	98 526	40 939,573	764 279,621	18,668	18,202	68	80	55 290	2 003,422	12 928,224	6,453	5,987
19	31	98 444	38 957,707	723 340,048	18,567	18,101	69	81	51 852	1 789,393	10 924,803	6,105	5,639
20	32	98 358	37 070,255	684 382,341	18,462	17,995	70	82	48 220	1 584,818	9 135,410	5,764	5,298
21	33	98 266	35 271,694	647 312,086	18,352	17,886	71	83	44 405	1 389,938	7 550,592	5,432	4,966
22	34	98 175	33 561,000	612 040,392	18,237	17,770	72	84	40 448	1 205,784	6 160,655	5,109	4,643
23	35	98 080	31 931,909	578 479,393	18,116	17,650	73	85	36 366	1 032,468	4 954,870	4,799	4,333
24	36	97 984	30 381,640	546 547,484	17,989	17,523	74	86	32 198	870,597	3 922,402	4,505	4,039
25	37	97 882	28 904,740	516 165,844	17,857	17,391	75	87	28 036	721,970	3 051,805	4,227	3,761
26	38	97 772	27 497,518	487 261,104	17,720	17,254	76	88	23 835	584,571	2 329,836	3,986	3,519
27	39	97 655	26 156,689	459 763,586	17,577	17,111	77	89	19 924	465,383	1 745,265	3,750	3,284
28	40	97 524	24 877,857	433 606,897	17,429	16,963	78	90	16 288	362,325	1 279,882	3,532	3,066
29	41	97 395	23 661,637	408 729,040	17,274	16,808	79	91	13 102	277,580	917,557	3,306	2,839
30	42	97 251	22 501,680	385 067,403	17,113	16,646	80	92	10 177	205,346	639,977	3,117	2,650
31	43	97 094	21 395,678	362 565,723	16,946	16,479	81	93	7 693	147,839	434,630	2,940	2,473
32	44	96 920	20 340,239	341 170,045	16,773	16,307	82	94	5 645	103,310	286,792	2,776	2,310
33	45	96 738	19 335,305	320 829,806	16,593	16,127	83	95	4 013	69,938	183,482	2,623	2,157
34	46	96 537	18 376,314	301 494,501	16,407	15,940	84	96	2 758	45,782	113,544	2,480	2,014
35	47	96 310	17 459,990	283 118,188	16,215	15,749	85	97	1 826	28,873	67,762	2,347	1,881
36	48	96 059	16 585,337	265 658,198	16,018	15,551	86	98	1 160	17,469	38,889	2,226	1,760
37	49	95 794	15 751,908	249 072,862	15,812	15,346	87	99	706	10,121	21,420	2,117	1,650
38	50	95 499	14 955,647	233 320,954	15,601	15,134	88	100	409	5,584	11,300	2,024	1,557
39	51	95 173	14 194,894	218 365,307	15,383	14,917							
40	52	94 825	13 469,444	204 170,413	15,158	14,692							
41	53	94 433	12 775,057	190 700,968	14,928	14,461							
42	54	94 006	12 111,726	177 925,912	14,690	14,224							
43	55	93 556	11 479,683	165 814,185	14,444	13,978							
44	56	93 040	10 872,750	154 334,502	14,195	13,728							
45	57	92 490	10 293,772	143 461,752	13,937	13,470							
46	58	91 886	9 739,605	133 167,981	13,673	13,206							
47	59	91 215	9 208,087	123 428,375	13,404	12,938							
48	60	90 498	8 700,705	114 220,288	13,128	12,661							
49	61	89 686	8 211,974	105 519,583	12,849	12,383							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 975 745,890	19,847	19,381	50	63	88 271	7 697,564	95 120,113	12,357	11,891
1	14	99 134	94 413,251	1 876 197,869	19,872	19,406	51	64	87 308	7 251,017	87 422,549	12,057	11,590
2	15	99 086	89 874,250	1 781 784,618	19,825	19,359	52	65	86 263	6 823,122	80 171,532	11,750	11,284
3	16	99 054	85 566,447	1 691 910,369	19,773	19,307	53	66	85 145	6 413,987	73 348,409	11,436	10,969
4	17	99 023	81 466,451	1 606 343,922	19,718	19,251	54	67	83 961	6 023,589	66 934,422	11,112	10,646
5	18	98 991	77 562,299	1 524 877,471	19,660	19,194	55	68	82 670	5 648,578	60 910,833	10,783	10,317
6	19	98 958	73 844,175	1 447 315,172	19,600	19,133	56	69	81 296	5 290,156	55 262,256	10,446	9,980
7	20	98 927	70 305,249	1 373 470,997	19,536	19,069	57	70	79 805	4 945,867	49 972,099	10,104	9,637
8	21	98 896	66 936,778	1 303 165,748	19,469	19,002	58	71	78 224	4 617,003	45 026,232	9,752	9,286
9	22	98 865	63 729,406	1 236 228,970	19,398	18,932	59	72	76 498	4 300,111	40 409,230	9,397	8,931
10	23	98 834	60 675,516	1 172 499,564	19,324	18,858	60	73	74 591	3 993,272	36 109,118	9,042	8,576
11	24	98 803	57 767,896	1 111 824,048	19,246	18,780	61	74	72 521	3 697,562	32 115,846	8,686	8,219
12	25	98 771	54 999,187	1 054 056,152	19,165	18,699	62	75	70 320	3 414,614	28 418,284	8,323	7,856
13	26	98 738	52 363,030	999 056,965	19,079	18,613	63	76	67 908	3 140,465	25 003,670	7,962	7,495
14	27	98 703	49 851,864	946 693,935	18,990	18,524	64	77	65 317	2 876,820	21 863,205	7,600	7,133
15	28	98 662	47 457,882	896 842,071	18,898	18,431	65	78	62 514	2 622,261	18 986,385	7,240	6,774
16	29	98 616	45 177,218	849 384,188	18,801	18,335	66	79	59 493	2 376,702	16 364,124	6,885	6,419
17	30	98 560	43 001,234	804 206,970	18,702	18,236	67	80	56 305	2 142,212	13 987,422	6,529	6,063
18	31	98 499	40 928,337	761 205,736	18,599	18,132	68	81	52 892	1 916,527	11 845,210	6,181	5,714
19	32	98 412	38 945,005	720 277,399	18,495	18,028	69	82	49 286	1 700,826	9 928,683	5,838	5,371
20	33	98 324	37 057,416	681 332,393	18,386	17,919	70	83	45 478	1 494,693	8 227,858	5,505	5,038
21	34	98 230	35 258,933	644 274,977	18,273	17,806	71	84	41 521	1 299,648	6 733,165	5,181	4,714
22	35	98 135	33 547,380	609 016,044	18,154	17,688	72	85	37 456	1 116,574	5 433,517	4,866	4,400
23	36	98 038	31 918,301	575 468,665	18,029	17,563	73	86	33 264	944,403	4 316,943	4,571	4,105
24	37	97 938	30 367,472	543 550,364	17,899	17,433	74	87	29 086	786,455	3 372,540	4,288	3,822
25	38	97 830	28 889,516	513 182,892	17,764	17,297	75	88	24 821	639,187	2 586,085	4,046	3,579
26	39	97 715	27 481,307	484 293,376	17,623	17,156	76	89	20 845	511,229	1 946,897	3,808	3,342
27	40	97 586	26 138,294	456 812,069	17,477	17,010	77	90	17 140	400,337	1 435,668	3,586	3,120
28	41	97 455	24 860,124	430 673,775	17,324	16,857	78	91	13 874	308,630	1 035,331	3,355	2,888
29	42	97 314	23 641,975	405 813,651	17,165	16,699	79	92	10 834	229,519	726,701	3,166	2,700
30	43	97 159	22 480,395	382 171,676	17,000	16,534	80	93	8 254	166,539	497,183	2,985	2,519
31	44	96 992	21 373,093	359 691,281	16,829	16,363	81	94	6 102	117,253	330,643	2,820	2,354
32	45	96 810	20 317,238	338 318,188	16,652	16,185	82	95	4 373	80,025	213,390	2,667	2,200
33	46	96 607	19 309,152	318 000,950	16,469	16,003	83	96	3 032	52,842	133,366	2,524	2,057
34	47	96 387	18 347,813	298 691,798	16,279	15,813	84	97	2 030	33,696	80,524	2,390	1,923
35	48	96 142	17 429,689	280 343,984	16,084	15,618	85	98	1 308	20,674	46,828	2,265	1,799
36	49	95 881	16 554,605	262 914,295	15,882	15,415	86	99	807	12,153	26,154	2,152	1,686
37	50	95 593	15 718,954	246 359,690	15,673	15,206	87	100	476	6,832	14,000	2,049	1,583
38	51	95 276	14 920,703	230 640,736	15,458	14,991							
39	52	94 936	14 159,538	215 720,033	15,235	14,769							
40	53	94 562	13 432,123	201 560,495	15,006	14,539							
41	54	94 146	12 736,231	188 128,372	14,771	14,305							
42	55	93 707	12 073,136	175 392,141	14,527	14,061							
43	56	93 219	11 438,384	163 319,005	14,278	13,812							
44	57	92 687	10 831,511	151 880,621	14,022	13,556							
45	58	92 108	10 251,297	141 049,110	13,759	13,293							
46	59	91 467	9 695,196	130 797,813	13,491	13,025							
47	60	90 779	9 164,088	121 102,617	13,215	12,749							
48	61	90 004	8 653,131	111 938,529	12,936	12,470							
49	62	89 176	8 165,285	103 285,399	12,649	12,183							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 972 231,562	19,814	19,347	50	64	87 682	7 646,232	92 818,462	12,139	11,673
1	15	99 122	94 401,563	1 872 693,333	19,838	19,371	51	65	86 680	7 198,840	85 172,230	11,831	11,365
2	16	99 073	89 862,066	1 778 291,770	19,789	19,323	52	66	85 596	6 770,295	77 973,390	11,517	11,051
3	17	99 038	85 552,691	1 688 429,704	19,736	19,269	53	67	84 445	6 361,265	71 203,095	11,193	10,727
4	18	99 006	81 452,150	1 602 877,013	19,679	19,212	54	68	83 204	5 969,258	64 841,829	10,863	10,396
5	19	98 970	77 545,356	1 521 424,863	19,620	19,153	55	69	81 861	5 593,249	58 872,571	10,526	10,059
6	20	98 937	73 828,295	1 443 879,506	19,557	19,091	56	70	80 404	5 232,136	53 279,322	10,183	9,717
7	21	98 906	70 290,415	1 370 051,212	19,491	19,025	57	71	78 852	4 886,773	48 047,186	9,832	9,366
8	22	98 875	66 922,310	1 299 760,797	19,422	18,956	58	72	77 180	4 555,398	43 160,413	9,475	9,008
9	23	98 843	63 714,761	1 232 838,486	19,349	18,883	59	73	75 314	4 233,566	38 605,015	9,119	8,652
10	24	98 812	60 661,715	1 169 123,725	19,273	18,806	60	74	73 298	3 924,047	34 371,449	8,759	8,293
11	25	98 780	57 754,762	1 108 462,010	19,193	18,726	61	75	71 119	3 626,110	30 447,402	8,397	7,930
12	26	98 749	54 986,931	1 050 707,248	19,108	18,642	62	76	68 753	3 338,532	26 821,292	8,034	7,567
13	27	98 712	52 349,041	995 720,317	19,021	18,554	63	77	66 187	3 060,862	23 482,760	7,672	7,206
14	28	98 678	49 838,996	943 371,276	18,928	18,462	64	78	63 426	2 793,524	20 421,898	7,310	6,844
15	29	98 636	47 445,556	893 532,280	18,833	18,366	65	79	60 435	2 535,049	17 628,374	6,954	6,487
16	30	98 589	45 164,688	846 086,724	18,733	18,267	66	80	57 259	2 287,455	15 093,324	6,598	6,132
17	31	98 533	42 989,433	800 922,036	18,631	18,164	67	81	53 863	2 049,298	12 805,869	6,249	5,783
18	32	98 467	40 914,993	757 932,604	18,525	18,058	68	82	50 274	1 821,667	10 756,572	5,905	5,438
19	33	98 378	38 931,517	717 017,610	18,417	17,951	69	83	46 483	1 604,103	8 934,905	5,570	5,104
20	34	98 289	37 044,009	678 086,093	18,305	17,838	70	84	42 524	1 397,599	7 330,801	5,245	4,779
21	35	98 190	35 244,624	641 042,084	18,188	17,722	71	85	38 449	1 203,493	5 933,203	4,930	4,464
22	36	98 093	33 533,083	605 797,460	18,066	17,599	72	86	34 261	1 021,335	4 729,710	4,631	4,165
23	37	97 992	31 903,417	572 264,377	17,937	17,471	73	87	30 049	853,128	3 708,375	4,347	3,880
24	38	97 887	30 351,478	540 360,960	17,803	17,337	74	88	25 751	696,279	2 855,247	4,101	3,634
25	39	97 772	28 872,484	510 009,482	17,664	17,198	75	89	21 707	558,994	2 158,968	3,862	3,396
26	40	97 646	27 461,980	481 136,999	17,520	17,054	76	90	17 932	439,775	1 599,974	3,638	3,172
27	41	97 517	26 119,663	453 675,019	17,369	16,903	77	91	14 600	341,009	1 160,199	3,402	2,936
28	42	97 374	24 839,466	427 555,356	17,213	16,746	78	92	11 472	255,192	819,190	3,210	2,744
29	43	97 222	23 619,611	402 715,890	17,050	16,584	79	93	8 786	186,143	563,998	3,030	2,564
30	44	97 056	22 456,666	379 096,280	16,881	16,415	80	94	6 546	132,085	377,855	2,861	2,394
31	45	96 882	21 348,924	356 639,614	16,705	16,239	81	95	4 727	90,825	245,769	2,706	2,240
32	46	96 680	20 289,757	335 290,689	16,525	16,059	82	96	3 304	60,463	154,944	2,563	2,096
33	47	96 458	19 279,206	315 000,932	16,339	15,872	83	97	2 231	38,892	94,481	2,429	1,963
34	48	96 220	18 315,972	295 721,726	16,146	15,679	84	98	1 453	24,128	55,589	2,304	1,838
35	49	95 964	17 397,393	277 405,754	15,945	15,479	85	99	910	14,384	31,462	2,187	1,721
36	50	95 681	16 519,971	260 008,361	15,739	15,273	86	100	545	8,205	17,078	2,081	1,615
37	51	95 370	15 682,227	243 488,390	15,526	15,060							
38	52	95 039	14 883,539	227 806,163	15,306	14,840							
39	53	94 673	14 120,304	212 922,624	15,079	14,613							
40	54	94 275	13 391,300	198 802,320	14,846	14,379							
41	55	93 846	12 695,651	185 411,020	14,604	14,138							
42	56	93 370	12 029,703	172 715,368	14,357	13,891							
43	57	92 865	11 395,000	160 685,666	14,101	13,635							
44	58	92 304	10 786,817	149 290,666	13,840	13,374							
45	59	91 688	10 204,555	138 503,849	13,573	13,106							
46	60	91 030	9 648,869	128 299,294	13,297	12,830							
47	61	90 283	9 113,979	118 650,425	13,019	12,552							
48	62	89 492	8 603,934	109 536,446	12,731	12,265							
49	63	88 616	8 114,050	100 932,512	12,439	11,973							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 968 494,984	19,779	19,312	50	65	87 051	7 591,211	90 400,563	11,909	11,442
1	16	99 108	94 388,766	1 868 969,078	19,801	19,334	51	66	86 008	7 143,104	82 809,352	11,593	11,127
2	17	99 057	89 847,620	1 774 580,312	19,751	19,285	52	67	84 892	6 714,645	75 666,248	11,269	10,802
3	18	99 021	85 537,673	1 684 732,692	19,696	19,229	53	68	83 684	6 303,889	68 951,603	10,938	10,472
4	19	98 984	81 434,358	1 599 195,019	19,638	19,171	54	69	82 389	5 910,789	62 647,714	10,599	10,132
5	20	98 948	77 528,680	1 517 760,661	19,577	19,110	55	70	80 963	5 531,904	56 736,925	10,256	9,790
6	21	98 916	73 812,718	1 440 231,981	19,512	19,046	56	71	79 444	5 169,621	51 205,021	9,905	9,439
7	22	98 884	70 275,222	1 366 419,263	19,444	18,977	57	72	77 800	4 821,569	46 035,400	9,548	9,081
8	23	98 852	66 906,932	1 296 144,041	19,372	18,906	58	73	75 986	4 484,902	41 213,831	9,189	8,723
9	24	98 820	63 700,269	1 229 237,109	19,297	18,831	59	74	74 008	4 160,176	36 728,929	8,829	8,362
10	25	98 789	60 647,923	1 165 536,841	19,218	18,752	60	75	71 882	3 848,219	32 568,753	8,463	7,997
11	26	98 758	57 741,892	1 104 888,917	19,135	18,669	61	76	69 535	3 545,316	28 720,535	8,101	7,635
12	27	98 722	54 972,241	1 047 147,025	19,049	18,582	62	77	67 010	3 253,908	25 175,219	7,737	7,271
13	28	98 686	52 335,528	992 174,784	18,958	18,492	63	78	64 270	2 972,237	21 921,310	7,375	6,909
14	29	98 652	49 826,051	939 839,257	18,862	18,396	64	79	61 317	2 700,617	18 949,074	7,017	6,550
15	30	98 609	47 432,396	890 013,206	18,764	18,297	65	80	58 166	2 439,856	16 248,457	6,660	6,193
16	31	98 562	45 152,293	842 580,809	18,661	18,194	66	81	54 776	2 188,241	13 808,600	6,310	5,844
17	32	98 500	42 975,417	797 428,516	18,555	18,089	67	82	51 197	1 947,866	11 620,359	5,966	5,499
18	33	98 433	40 900,823	754 453,099	18,446	17,980	68	83	47 415	1 718,073	9 672,493	5,630	5,163
19	34	98 342	38 917,432	713 552,277	18,335	17,869	69	84	43 463	1 499,902	7 954,420	5,303	4,837
20	35	98 249	37 028,976	674 634,845	18,219	17,753	70	85	39 378	1 294,196	6 454,518	4,987	4,521
21	36	98 148	35 229,604	637 605,869	18,099	17,632	71	86	35 169	1 100,840	5 160,322	4,688	4,221
22	37	98 047	33 517,446	602 376,264	17,972	17,506	72	87	30 950	922,624	4 059,481	4,400	3,934
23	38	97 940	31 886,613	568 858,818	17,840	17,374	73	88	26 604	755,307	3 136,857	4,153	3,687
24	39	97 829	30 333,583	536 972,205	17,702	17,236	74	89	22 520	608,922	2 381,550	3,911	3,445
25	40	97 704	28 852,179	506 638,621	17,560	17,093	75	90	18 673	480,864	1 772,628	3,686	3,220
26	41	97 576	27 442,405	477 786,443	17,411	16,944	76	91	15 274	374,602	1 291,764	3,448	2,982
27	42	97 436	26 097,958	450 344,037	17,256	16,790	77	92	12 072	281,965	917,162	3,253	2,786
28	43	97 282	24 815,969	424 246,080	17,096	16,629	78	93	9 304	206,965	635,197	3,069	2,603
29	44	97 119	23 594,679	399 430,110	16,929	16,462	79	94	6 969	147,634	428,232	2,901	2,434
30	45	96 947	22 431,271	375 835,431	16,755	16,289	80	95	5 071	102,314	280,598	2,743	2,276
31	46	96 751	21 320,048	353 404,160	16,576	16,110	81	96	3 571	68,623	178,284	2,598	2,132
32	47	96 530	20 258,290	332 084,112	16,393	15,926	82	97	2 432	44,501	109,661	2,464	1,998
33	48	96 290	19 245,748	311 825,822	16,202	15,736	83	98	1 598	27,849	65,160	2,340	1,873
34	49	96 042	18 282,034	292 580,074	16,004	15,537	84	99	1 011	16,786	37,311	2,223	1,756
35	50	95 764	17 360,996	274 298,040	15,800	15,333	85	100	614	9,710	20,525	2,114	1,647
36	51	95 457	16 481,373	256 937,044	15,590	15,123							
37	52	95 132	15 643,166	240 455,671	15,371	14,905							
38	53	94 775	14 842,299	224 812,505	15,147	14,680							
39	54	94 385	14 077,390	209 970,206	14,915	14,449							
40	55	93 974	13 348,633	195 892,816	14,675	14,209							
41	56	93 508	12 649,978	182 544,183	14,430	13,964							
42	57	93 015	11 984,076	169 894,204	14,177	13,710							
43	58	92 482	11 347,981	157 910,129	13,915	13,449							
44	59	91 884	10 737,633	146 562,148	13,649	13,183							
45	60	91 250	10 155,794	135 824,515	13,374	12,908							
46	61	90 532	9 596,110	125 668,721	13,096	12,629							
47	62	89 770	9 062,162	116 072,611	12,808	12,342							
48	63	88 930	8 549,946	107 010,449	12,516	12,050							
49	64	88 025	8 059,940	98 460,503	12,216	11,750							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 964 528,447	19,742	19,275	50	66	86 377	7 532,437	87 865,368	11,665	11,199
1	17	99 092	94 373,591	1 865 016,032	19,762	19,296	51	67	85 301	7 084,389	80 332,931	11,339	10,873
2	18	99 040	89 831,848	1 770 642,441	19,711	19,244	52	68	84 126	6 654,081	73 248,542	11,008	10,542
3	19	98 999	85 518,989	1 680 810,593	19,654	19,188	53	69	82 864	6 242,142	66 594,461	10,669	10,202
4	20	98 963	81 416,845	1 595 291,604	19,594	19,128	54	70	81 485	5 845,961	60 352,319	10,324	9,857
5	21	98 928	77 512,322	1 513 874,759	19,531	19,064	55	71	79 996	5 465,808	54 506,358	9,972	9,506
6	22	98 895	73 796,763	1 436 362,437	19,464	18,997	56	72	78 384	5 100,643	49 040,550	9,615	9,148
7	23	98 862	70 259,073	1 362 565,674	19,393	18,927	57	73	76 596	4 746,954	43 939,907	9,256	8,790
8	24	98 830	66 891,713	1 292 306,600	19,319	18,853	58	74	74 669	4 407,155	39 192,953	8,893	8,427
9	25	98 798	63 685,786	1 225 414,887	19,242	18,775	59	75	72 578	4 079,784	34 785,798	8,526	8,060
10	26	98 767	60 634,408	1 161 729,100	19,160	18,693	60	76	70 280	3 762,476	30 706,014	8,161	7,695
11	27	98 732	57 726,466	1 101 094,692	19,074	18,608	61	77	67 772	3 455,450	26 943,538	7,797	7,331
12	28	98 697	54 958,051	1 043 368,226	18,985	18,518	62	78	65 070	3 159,694	23 488,088	7,434	6,967
13	29	98 661	52 321,934	988 410,176	18,891	18,425	63	79	62 133	2 873,386	20 328,394	7,075	6,608
14	30	98 625	49 812,231	936 088,241	18,792	18,326	64	80	59 014	2 599,207	17 455,008	6,716	6,249
15	31	98 581	47 419,379	886 276,010	18,690	18,224	65	81	55 643	2 334,032	14 855,801	6,365	5,898
16	32	98 530	45 137,572	838 856,631	18,584	18,118	66	82	52 065	2 079,932	12 521,769	6,020	5,554
17	33	98 466	42 960,533	793 719,059	18,476	18,009	67	83	48 285	1 837,095	10 441,837	5,684	5,217
18	34	98 397	40 886,025	750 758,526	18,362	17,896	68	84	44 335	1 606,468	8 604,742	5,356	4,890
19	35	98 303	38 901,638	709 872,501	18,248	17,781	69	85	40 248	1 388,931	6 998,274	5,039	4,572
20	36	98 207	37 013,196	670 970,862	18,128	17,661	70	86	36 019	1 183,807	5 609,343	4,738	4,272
21	37	98 103	35 213,176	633 957,667	18,003	17,537	71	87	31 770	994,446	4 425,536	4,450	3,984
22	38	97 996	33 499,793	598 744,490	17,873	17,407	72	88	27 401	816,835	3 431,090	4,200	3,734
23	39	97 883	31 867,814	565 244,698	17,737	17,271	73	89	23 266	660,544	2 614,255	3,958	3,491
24	40	97 760	30 312,251	533 376,884	17,596	17,130	74	90	19 372	523,814	1 953,710	3,730	3,263
25	41	97 634	28 831,613	503 064,633	17,448	16,982	75	91	15 906	409,601	1 429,896	3,491	3,025
26	42	97 495	27 419,601	474 233,020	17,295	16,829	76	92	12 630	309,742	1 020,295	3,294	2,828
27	43	97 343	26 073,270	446 813,419	17,137	16,670	77	93	9 790	228,678	710,553	3,107	2,641
28	44	97 179	24 789,775	420 740,148	16,972	16,506	78	94	7 379	164,148	481,875	2,936	2,469
29	45	97 009	23 567,998	395 950,373	16,800	16,334	79	95	5 398	114,358	317,727	2,778	2,312
30	46	96 816	22 400,932	372 382,376	16,624	16,157	80	96	3 831	77,304	203,369	2,631	2,164
31	47	96 601	21 286,983	349 981,444	16,441	15,975	81	97	2 628	50,507	126,065	2,496	2,030
32	48	96 362	20 223,133	328 694,461	16,253	15,787	82	98	1 741	31,865	75,558	2,371	1,905
33	49	96 112	19 210,087	308 471,328	16,058	15,591	83	99	1 112	19,375	43,693	2,255	1,789
34	50	95 841	18 243,786	289 261,242	15,855	15,389	84	100	683	11,332	24,318	2,146	1,680
35	51	95 540	17 320,433	271 017,455	15,647	15,181							
36	52	95 219	16 440,321	253 697,023	15,431	14,965							
37	53	94 869	15 599,821	237 256,701	15,209	14,743							
38	54	94 487	14 797,191	221 656,880	14,980	14,513							
39	55	94 085	14 032,537	206 859,689	14,741	14,275							
40	56	93 636	13 300,611	192 827,152	14,498	14,031							
41	57	93 154	12 601,998	179 526,541	14,246	13,779							
42	58	92 632	11 934,626	166 924,542	13,987	13,520							
43	59	92 061	11 296,238	154 989,917	13,720	13,254							
44	60	91 444	10 686,325	143 693,678	13,447	12,980							
45	61	90 751	10 100,263	133 007,354	13,169	12,702							
46	62	90 017	9 541,552	122 907,091	12,881	12,415							
47	63	89 206	9 005,299	113 365,539	12,589	12,122							
48	64	88 337	8 492,929	104 360,240	12,288	11,821							
49	65	87 392	8 001,942	95 867,310	11,981	11,514							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 960 322,533	19,702	19,236	50	67	85 667	7 470,522	85 211,965	11,406	10,940
1	18	99 075	94 357,025	1 860 826,117	19,721	19,255	51	68	84 532	7 020,491	77 741,443	11,074	10,607
2	19	99 018	89 812,225	1 766 469,091	19,668	19,202	52	69	83 302	6 588,903	70 720,952	10,733	10,267
3	20	98 978	85 500,597	1 676 656,866	19,610	19,143	53	70	81 955	6 173,680	64 132,049	10,388	9,922
4	21	98 942	81 399,667	1 591 156,269	19,547	19,081	54	71	80 511	5 776,112	57 958,369	10,034	9,568
5	22	98 906	77 495,568	1 509 756,601	19,482	19,015	55	72	78 928	5 392,878	52 182,257	9,676	9,210
6	23	98 872	73 779,805	1 432 261,033	19,413	18,946	56	73	77 171	5 021,710	46 789,379	9,317	8,851
7	24	98 839	70 243,092	1 358 481,228	19,340	18,873	57	74	75 268	4 664,664	41 767,670	8,954	8,488
8	25	98 807	66 876,505	1 288 238,135	19,263	18,797	58	75	73 226	4 321,991	37 103,006	8,585	8,118
9	26	98 776	63 671,595	1 221 361,630	19,182	18,716	59	76	70 961	3 988,882	32 781,015	8,218	7,752
10	27	98 741	60 618,209	1 157 690,036	19,098	18,632	60	77	68 499	3 667,106	28 792,133	7,851	7,385
11	28	98 706	57 711,565	1 097 071,826	19,010	18,543	61	78	65 810	3 355,400	25 125,027	7,488	7,022
12	29	98 671	54 943,776	1 039 360,262	18,917	18,450	62	79	62 906	3 054,608	21 769,627	7,127	6,660
13	30	98 633	52 307,422	984 416,485	18,820	18,353	63	80	59 800	2 765,488	18 715,019	6,767	6,301
14	31	98 598	49 798,561	932 109,063	18,718	18,251	64	81	56 454	2 486,471	15 949,530	6,415	5,948
15	32	98 549	47 403,919	882 310,502	18,613	18,146	65	82	52 889	2 218,507	13 463,059	6,069	5,602
16	33	98 496	45 121,939	834 906,583	18,503	18,037	66	83	49 104	1 961,651	11 244,552	5,732	5,266
17	34	98 431	42 944,990	789 784,644	18,391	17,924	67	84	45 149	1 717,759	9 282,901	5,404	4,938
18	35	98 357	40 869,433	746 839,654	18,274	17,807	68	85	41 055	1 487,612	7 565,142	5,085	4,619
19	36	98 261	38 885,060	705 970,221	18,155	17,689	69	86	36 815	1 270,461	6 077,529	4,784	4,317
20	37	98 161	36 995,936	667 085,161	18,031	17,565	70	87	32 538	1 069,394	4 807,068	4,495	4,029
21	38	98 051	35 194,629	630 089,225	17,903	17,437	71	88	28 127	880,421	3 737,674	4,245	3,779
22	39	97 938	33 480,042	594 894,595	17,769	17,302	72	89	23 963	714,353	2 857,253	4,000	3,533
23	40	97 814	31 845,403	561 414,553	17,629	17,163	73	90	20 014	568,221	2 142,900	3,771	3,305
24	41	97 690	30 290,645	529 569,151	17,483	17,017	74	91	16 502	446,187	1 574,679	3,529	3,063
25	42	97 553	28 807,655	499 278,506	17,331	16,865	75	92	13 152	338,681	1 128,492	3,332	2,866
26	43	97 403	27 393,664	470 470,852	17,174	16,708	76	93	10 243	251,206	789,811	3,144	2,678
27	44	97 241	26 045,749	443 077,188	17,011	16,545	77	94	7 765	181,369	538,605	2,970	2,503
28	45	97 069	24 761,742	417 031,439	16,842	16,375	78	95	5 716	127,150	357,236	2,810	2,343
29	46	96 878	23 536,120	392 269,697	16,667	16,200	79	96	4 078	86,403	230,086	2,663	2,197
30	47	96 665	22 366,190	368 733,577	16,486	16,020	80	97	2 820	56,896	143,683	2,525	2,059
31	48	96 434	21 250,041	346 367,387	16,300	15,833	81	98	1 882	36,166	86,786	2,400	1,933
32	49	96 183	20 185,661	325 117,346	16,106	15,640	82	99	1 211	22,169	50,621	2,283	1,817
33	50	95 911	19 169,898	304 931,685	15,907	15,440	83	100	750	13,080	28,452	2,175	1,709
34	51	95 617	18 201,160	285 761,788	15,700	15,234							
35	52	95 302	17 277,291	267 560,627	15,486	15,020							
36	53	94 955	16 394,768	250 283,336	15,266	14,800							
37	54	94 581	15 552,411	233 888,568	15,039	14,572							
38	55	94 186	14 750,045	218 336,158	14,802	14,336							
39	56	93 746	13 982,055	203 586,113	14,561	14,094							
40	57	93 281	13 250,163	189 604,058	14,310	13,843							
41	58	92 769	12 549,999	176 353,895	14,052	13,586							
42	59	92 209	11 880,208	163 803,896	13,788	13,322							
43	60	91 621	11 242,261	151 923,688	13,514	13,047							
44	61	90 944	10 627,893	140 681,427	13,237	12,771							
45	62	90 235	10 042,838	130 053,534	12,950	12,483							
46	63	89 453	9 481,681	120 010,696	12,657	12,191							
47	64	88 611	8 945,246	110 529,015	12,356	11,890							
48	65	87 702	8 431,816	101 583,769	12,048	11,581							
49	66	86 715	7 939,988	93 151,953	11,732	11,266							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 955 868,840	19,661	19,195	50	68	84 895	7 403,141	82 438,837	11,136	10,669
1	19	99 053	94 336,414	1 856 389,888	19,678	19,212	51	69	83 704	6 951,724	75 035,697	10,794	10,327
2	20	98 997	89 792,911	1 762 053,474	19,624	19,157	52	70	82 389	6 516,639	68 083,973	10,448	9,981
3	21	98 957	85 482,558	1 672 260,563	19,563	19,096	53	71	80 976	6 099,915	61 567,334	10,093	9,627
4	22	98 920	81 382,073	1 586 778,006	19,498	19,031	54	72	79 437	5 699,042	55 467,419	9,733	9,266
5	23	98 883	77 477,760	1 505 395,933	19,430	18,964	55	73	77 707	5 309,422	49 768,377	9,374	8,907
6	24	98 850	73 763,024	1 427 918,173	19,358	18,892	56	74	75 833	4 934,656	44 458,955	9,010	8,543
7	25	98 817	70 227,122	1 354 155,149	19,283	18,816	57	75	73 814	4 574,524	39 524,299	8,640	8,174
8	26	98 785	66 861,602	1 283 928,027	19,203	18,736	58	76	71 594	4 225,692	34 949,775	8,271	7,804
9	27	98 749	63 654,584	1 217 066,424	19,120	18,653	59	77	69 162	3 887,773	30 724,083	7,903	7,436
10	28	98 715	60 602,562	1 153 411,840	19,032	18,566	60	78	66 515	3 560,927	26 836,310	7,536	7,070
11	29	98 681	57 696,575	1 092 809,278	18,941	18,474	61	79	63 621	3 243,806	23 275,383	7,175	6,709
12	30	98 644	54 928,537	1 035 112,703	18,845	18,378	62	80	60 544	2 939,906	20 031,577	6,814	6,347
13	31	98 606	52 293,067	980 184,166	18,744	18,278	63	81	57 206	2 645,540	17 091,671	6,461	5,994
14	32	98 566	49 782,325	927 891,099	18,639	18,173	64	82	53 660	2 363,401	14 446,131	6,112	5,646
15	33	98 515	47 387,501	878 108,774	18,530	18,064	65	83	49 881	2 092,346	12 082,730	5,775	5,308
16	34	98 460	45 105,614	830 721,273	18,417	17,951	66	84	45 914	1 834,224	9 990,384	5,447	4,980
17	35	98 391	42 927,562	785 615,659	18,301	17,835	67	85	41 808	1 590,669	8 156,160	5,128	4,661
18	36	98 315	40 852,016	742 688,097	18,180	17,714	68	86	37 553	1 360,726	6 565,491	4,825	4,359
19	37	98 215	38 866,928	701 836,081	18,057	17,591	69	87	33 257	1 147,673	5 204,765	4,535	4,069
20	38	98 110	36 976,450	662 969,153	17,929	17,463	70	88	28 807	946,776	4 057,092	4,285	3,819
21	39	97 993	35 173,880	625 992,703	17,797	17,331	71	89	24 599	769,962	3 110,316	4,040	3,573
22	40	97 869	33 456,497	590 818,823	17,659	17,193	72	90	20 614	614,509	2 340,354	3,808	3,342
23	41	97 744	31 822,703	557 362,326	17,515	17,048	73	91	17 048	484,013	1 725,846	3,566	3,099
24	42	97 609	30 265,474	525 539,622	17,364	16,898	74	92	13 644	368,932	1 241,833	3,366	2,900
25	43	97 461	28 780,404	495 274,149	17,209	16,742	75	93	10 666	274,676	872,901	3,178	2,712
26	44	97 300	27 364,748	466 493,745	17,047	16,581	76	94	8 124	199,236	598,225	3,003	2,536
27	45	97 131	26 016,296	439 128,996	16,879	16,413	77	95	6 015	140,490	398,989	2,840	2,374
28	46	96 938	24 728,250	413 112,701	16,706	16,240	78	96	4 319	96,068	258,499	2,691	2,224
29	47	96 728	23 499,618	388 384,451	16,527	16,061	79	97	3 002	63,594	162,431	2,554	2,088
30	48	96 498	22 327,375	364 884,833	16,342	15,876	80	98	2 019	40,740	98,837	2,426	1,960
31	49	96 255	21 210,666	342 557,458	16,150	15,684	81	99	1 309	25,161	58,097	2,309	1,843
32	50	95 982	20 143,431	321 346,792	15,953	15,487	82	100	818	14,966	32,936	2,201	1,734
33	51	95 687	19 125,108	301 203,361	15,749	15,283							
34	52	95 379	18 155,825	282 078,254	15,537	15,070							
35	53	95 038	17 229,419	263 922,428	15,318	14,852							
36	54	94 667	16 344,941	246 693,010	15,093	14,627							
37	55	94 279	15 502,858	230 348,069	14,858	14,392							
38	56	93 847	14 696,981	214 845,210	14,618	14,152							
39	57	93 391	13 929,022	200 148,229	14,369	13,903							
40	58	92 896	13 195,489	186 219,207	14,112	13,646							
41	59	92 346	12 492,775	173 023,718	13,850	13,384							
42	60	91 769	11 823,440	160 530,942	13,577	13,111							
43	61	91 120	11 180,790	148 707,502	13,300	12,834							
44	62	90 427	10 567,469	137 526,712	13,014	12,548							
45	63	89 669	9 979,822	126 959,244	12,722	12,255							
46	64	88 856	9 418,451	116 979,422	12,420	11,954							
47	65	87 974	8 880,878	107 560,971	12,112	11,645							
48	66	87 023	8 366,533	98 680,093	11,795	11,328							
49	67	86 002	7 874,723	90 313,560	11,469	11,002							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 951 157,510	19,618	19,152	50	69	84 063	7 330,626	79 546,917	10,851	10,385
1	20	99 032	94 316,127	1 851 700,289	19,633	19,167	51	70	82 786	6 875,480	72 216,291	10,503	10,037
2	21	98 976	89 773,966	1 757 384,162	19,576	19,109	52	71	81 404	6 438,776	65 340,811	10,148	9,682
3	22	98 935	85 464,081	1 667 610,197	19,512	19,046	53	72	79 896	6 018,524	58 902,035	9,787	9,320
4	23	98 898	81 363,372	1 582 146,116	19,445	18,979	54	73	78 208	5 610,848	52 883,511	9,425	8,959
5	24	98 861	77 460,137	1 500 782,744	19,375	18,909	55	74	76 360	5 217,381	47 272,662	9,061	8,594
6	25	98 827	73 746,253	1 423 322,607	19,300	18,834	56	75	74 367	4 839,299	42 055,281	8,690	8,224
7	26	98 795	70 211,473	1 349 576,353	19,222	18,755	57	76	72 169	4 472,598	37 215,983	8,321	7,854
8	27	98 759	66 843,740	1 279 364,881	19,140	18,673	58	77	69 779	4 118,580	32 743,385	7,950	7,484
9	28	98 724	63 638,153	1 212 521,141	19,053	18,587	59	78	67 160	3 775,205	28 624,805	7,582	7,116
10	29	98 690	60 586,821	1 148 882,988	18,963	18,496	60	79	64 303	3 442,498	24 849,599	7,218	6,752
11	30	98 653	57 680,572	1 088 296,167	18,868	18,401	61	80	61 232	3 121,999	21 407,102	6,857	6,390
12	31	98 617	54 913,463	1 030 615,594	18,768	18,302	62	81	57 918	2 812,393	18 285,103	6,502	6,035
13	32	98 574	52 276,018	975 702,132	18,664	18,198	63	82	54 374	2 514,597	15 472,710	6,153	5,687
14	33	98 531	49 765,083	923 426,114	18,556	18,089	64	83	50 609	2 229,000	12 958,113	5,813	5,347
15	34	98 480	47 370,357	873 661,030	18,443	17,977	65	84	46 641	1 956,429	10 729,113	5,484	5,018
16	35	98 420	45 087,309	826 290,674	18,326	17,860	66	85	42 517	1 698,518	8 772,684	5,165	4,699
17	36	98 349	42 909,268	781 203,364	18,206	17,740	67	86	38 242	1 454,993	7 074,167	4,862	4,396
18	37	98 269	40 832,966	738 294,096	18,081	17,614	68	87	33 923	1 229,214	5 619,174	4,571	4,105
19	38	98 163	38 846,456	697 461,130	17,954	17,488	69	88	29 443	1 016,079	4 389,961	4,320	3,854
20	39	98 052	36 954,650	658 614,674	17,822	17,356	70	89	25 193	827,991	3 373,881	4,075	3,608
21	40	97 924	35 149,143	621 660,023	17,686	17,220	71	90	21 160	662,345	2 545,890	3,844	3,377
22	41	97 799	33 432,649	586 510,880	17,543	17,077	72	91	17 559	523,441	1 883,545	3,598	3,132
23	42	97 663	31 796,259	553 078,231	17,394	16,928	73	92	14 096	400,209	1 360,104	3,398	2,932
24	43	97 517	30 236,844	521 281,971	17,240	16,774	74	93	11 066	299,210	959,896	3,208	2,742
25	44	97 358	28 750,025	491 045,127	17,080	16,613	75	94	8 460	217,850	660,686	3,033	2,566
26	45	97 190	27 333,804	462 295,102	16,913	16,447	76	95	6 293	154,330	442,835	2,869	2,403
27	46	96 999	25 981,107	434 961,298	16,741	16,275	77	96	4 544	106,147	288,506	2,718	2,252
28	47	96 788	24 689,899	408 980,191	16,565	16,098	78	97	3 179	70,707	182,359	2,579	2,113
29	48	96 560	23 458,836	384 290,293	16,381	15,915	79	98	2 149	45,536	111,651	2,452	1,986
30	49	96 319	22 286,003	360 831,457	16,191	15,725	80	99	1 405	28,344	66,115	2,333	1,866
31	50	96 053	21 166,291	338 545,453	15,995	15,528	81	100	884	16,986	37,771	2,224	1,757
32	51	95 758	20 096,366	317 379,162	15,793	15,326							
33	52	95 448	19 077,471	297 282,796	15,583	15,117							
34	53	95 115	18 105,518	278 205,324	15,366	14,899							
35	54	94 749	17 177,055	260 099,806	15,142	14,676							
36	55	94 365	16 292,864	242 922,751	14,910	14,443							
37	56	93 940	15 447,086	226 629,887	14,671	14,205							
38	57	93 491	14 641,237	211 182,801	14,424	13,957							
39	58	93 005	13 871,547	196 541,564	14,169	13,702							
40	59	92 473	13 135,323	182 670,017	13,907	13,440							
41	60	91 905	12 433,081	169 534,694	13,636	13,169							
42	61	91 267	11 758,791	157 101,613	13,360	12,894							
43	62	90 602	11 117,221	145 342,822	13,074	12,607							
44	63	89 860	10 501,160	134 225,601	12,782	12,316							
45	64	89 071	9 913,270	123 724,441	12,481	12,014							
46	65	88 217	9 350,678	113 811,171	12,171	11,705							
47	66	87 293	8 812,118	104 460,493	11,854	11,388							
48	67	86 307	8 297,762	95 648,375	11,527	11,061							
49	68	85 227	7 803,696	87 350,613	11,193	10,727							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 946 181,196	19,572	19,106	50	70	83 141	7 250,226	76 536,892	10,556	10,090
1	21	99 011	94 296,227	1 846 745,364	19,585	19,118	51	71	81 797	6 793,330	69 286,666	10,199	9,733
2	22	98 954	89 754,561	1 752 449,137	19,525	19,059	52	72	80 318	6 352,864	62 493,336	9,837	9,371
3	23	98 913	85 444,442	1 662 694,576	19,459	18,993	53	73	78 659	5 925,387	56 140,472	9,475	9,008
4	24	98 875	81 344,865	1 577 250,134	19,390	18,923	54	74	76 852	5 513,582	50 215,085	9,108	8,641
5	25	98 838	77 442,526	1 495 905,269	19,316	18,850	55	75	74 884	5 116,560	44 701,503	8,737	8,270
6	26	98 805	73 729,819	1 418 462,742	19,239	18,772	56	76	72 711	4 731,473	39 584,943	8,366	7,900
7	27	98 768	70 192,715	1 344 732,923	19,158	18,691	57	77	70 340	4 359,228	34 853,470	7,995	7,529
8	28	98 733	66 826,485	1 274 540,207	19,072	18,606	58	78	67 759	3 999,330	30 494,242	7,625	7,158
9	29	98 698	63 621,624	1 207 713,722	18,983	18,516	59	79	64 926	3 649,649	26 494,912	7,260	6,793
10	30	98 662	60 570,017	1 144 092,098	18,889	18,422	60	80	61 888	3 313,230	22 845,263	6,895	6,429
11	31	98 626	57 664,742	1 083 522,081	18,790	18,324	61	81	58 576	2 986,588	19 532,034	6,540	6,074
12	32	98 585	54 895,559	1 025 857,339	18,687	18,221	62	82	55 051	2 673,191	16 545,446	6,189	5,723
13	33	98 540	52 257,913	970 961,780	18,580	18,114	63	83	51 282	2 371,597	13 872,254	5,849	5,383
14	34	98 496	49 747,079	918 703,867	18,467	18,001	64	84	47 321	2 084,206	11 500,657	5,518	5,052
15	35	98 440	47 351,133	868 956,788	18,351	17,885	65	85	43 190	1 811,681	9 416,451	5,198	4,731
16	36	98 378	45 068,095	821 605,655	18,230	17,764	66	86	38 891	1 553,642	7 604,770	4,895	4,428
17	37	98 303	42 889,259	776 537,560	18,106	17,639	67	87	34 546	1 314,370	6 051,128	4,604	4,137
18	38	98 218	40 811,460	733 648,301	17,977	17,510	68	88	30 034	1 088,270	4 736,759	4,353	3,886
19	39	98 105	38 823,554	692 836,842	17,846	17,379	69	89	25 749	888,600	3 648,489	4,106	3,639
20	40	97 983	36 928,661	654 013,288	17,710	17,244	70	90	21 672	712,264	2 759,889	3,875	3,408
21	41	97 854	35 124,089	617 084,627	17,569	17,102	71	91	18 025	564,188	2 047,625	3,629	3,163
22	42	97 718	33 404,868	581 960,537	17,421	16,955	72	92	14 519	432,810	1 483,437	3,427	2,961
23	43	97 571	31 766,182	548 555,670	17,269	16,802	73	93	11 432	324,576	1 050,627	3,237	2,771
24	44	97 414	30 204,928	516 789,488	17,109	16,643	74	94	8 777	237,309	726,051	3,060	2,593
25	45	97 248	28 717,514	486 584,560	16,944	16,477	75	95	6 553	168,749	488,743	2,896	2,430
26	46	97 059	27 296,833	457 867,047	16,774	16,307	76	96	4 754	116,604	319,994	2,744	2,278
27	47	96 849	25 940,812	430 570,214	16,598	16,132	77	97	3 345	78,125	203,390	2,603	2,137
28	48	96 620	24 647,052	404 629,401	16,417	15,951	78	98	2 276	50,630	125,265	2,474	2,008
29	49	96 381	23 415,368	379 982,350	16,228	15,762	79	99	1 495	31,680	74,635	2,356	1,889
30	50	96 117	22 239,379	356 566,982	16,033	15,567	80	100	948	19,135	42,955	2,245	1,778
31	51	95 829	21 116,837	334 327,602	15,832	15,366							
32	52	95 519	20 046,311	313 210,765	15,624	15,158							
33	53	95 184	19 024,611	293 164,455	15,410	14,943							
34	54	94 826	18 050,492	274 139,844	15,187	14,721							
35	55	94 447	17 122,327	256 089,352	14,956	14,490							
36	56	94 026	16 234,250	238 967,025	14,720	14,254							
37	57	93 584	15 388,497	222 732,776	14,474	14,008							
38	58	93 106	14 580,823	207 344,278	14,220	13,754							
39	59	92 581	13 808,298	192 763,455	13,960	13,494							
40	60	92 031	13 072,557	178 955,158	13,689	13,223							
41	61	91 403	12 365,098	165 882,600	13,415	12,949							
42	62	90 748	11 691,937	153 517,502	13,130	12,664							
43	63	90 033	11 047,463	141 825,565	12,838	12,371							
44	64	89 261	10 431,132	130 778,102	12,537	12,071							
45	65	88 430	9 841,936	120 346,970	12,228	11,762							
46	66	87 534	9 278,281	110 505,034	11,910	11,444							
47	67	86 575	8 739,685	101 226,754	11,582	11,116							
48	68	85 529	8 222,919	92 487,069	11,247	10,781							
49	69	84 392	7 727,258	84 264,150	10,905	10,438							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 940 927,380	19,524	19,057	50	71	82 148	7 163,599	73 412,432	10,248	9,782
1	22	98 990	94 275,845	1 841 512,527	19,533	19,067	51	72	80 706	6 702,687	66 248,833	9,884	9,418
2	23	98 932	89 733,936	1 747 236,682	19,471	19,005	52	73	79 075	6 254,552	59 546,146	9,520	9,054
3	24	98 890	85 425,007	1 657 502,746	19,403	18,937	53	74	77 296	5 822,668	53 291,594	9,152	8,686
4	25	98 853	81 326,371	1 572 077,739	19,330	18,864	54	75	75 367	5 407,037	47 468,926	8,779	8,313
5	26	98 816	77 425,269	1 490 751,368	19,254	18,788	55	76	73 216	5 002,557	42 061,889	8,408	7,942
6	27	98 779	73 710,122	1 413 326,099	19,174	18,708	56	77	70 867	4 611,541	37 059,332	8,036	7,570
7	28	98 743	70 174,596	1 339 615,977	19,090	18,623	57	78	68 303	4 233,010	32 447,791	7,665	7,199
8	29	98 708	66 809,128	1 269 441,381	19,001	18,535	58	79	65 505	3 866,320	28 214,781	7,298	6,831
9	30	98 671	63 603,978	1 202 632,253	18,908	18,442	59	80	62 488	3 512,602	24 348,462	6,932	6,465
10	31	98 635	60 553,394	1 139 028,275	18,810	18,344	60	81	59 204	3 169,524	20 835,859	6,574	6,107
11	32	98 594	57 645,942	1 078 474,881	18,709	18,242	61	82	55 677	2 838,765	17 666,335	6,223	5,757
12	33	98 550	54 876,547	1 020 828,939	18,602	18,136	62	83	51 921	2 521,173	14 827,570	5,881	5,415
13	34	98 504	52 239,006	965 952,392	18,491	18,025	63	84	47 951	2 217,541	12 306,398	5,550	5,083
14	35	98 456	49 726,890	913 713,386	18,375	17,908	64	85	43 820	1 930,004	10 088,857	5,227	4,761
15	36	98 398	47 330,954	863 986,495	18,254	17,788	65	86	39 506	1 657,153	8 158,853	4,923	4,457
16	37	98 332	45 047,079	816 655,542	18,129	17,663	66	87	35 132	1 403,485	6 501,700	4,633	4,166
17	38	98 251	42 866,669	771 608,462	18,000	17,534	67	88	30 585	1 163,662	5 098,215	4,381	3,915
18	39	98 160	40 787,398	728 741,793	17,867	17,400	68	89	26 266	951,734	3 934,553	4,134	3,668
19	40	98 036	38 796,251	687 954,395	17,732	17,266	69	90	22 150	764,401	2 982,820	3,902	3,436
20	41	97 913	36 902,339	649 158,144	17,591	17,125	70	91	18 460	606,709	2 218,419	3,656	3,190
21	42	97 773	35 094,902	612 255,805	17,446	16,979	71	92	14 904	466,502	1 611,710	3,455	2,988
22	43	97 626	33 373,268	577 160,904	17,294	16,828	72	93	11 775	351,016	1 145,208	3,263	2,796
23	44	97 468	31 732,651	543 787,635	17,137	16,670	73	94	9 067	257,427	794,192	3,085	2,619
24	45	97 304	30 170,771	512 054,984	16,972	16,505	74	95	6 798	183,821	536,765	2,920	2,454
25	46	97 116	28 678,671	481 884,213	16,803	16,336	75	96	4 951	127,498	352,944	2,768	2,302
26	47	96 908	27 254,498	453 205,541	16,629	16,162	76	97	3 499	85,822	225,446	2,627	2,161
27	48	96 681	25 895,794	425 951,043	16,449	15,982	77	98	2 395	55,941	139,624	2,496	2,029
28	49	96 441	24 601,381	400 055,249	16,261	15,795	78	99	1 583	35,224	83,683	2,376	1,909
29	50	96 179	23 366,381	375 453,868	16,068	15,602	79	100	1 010	21,387	48,459	2,266	1,799
30	51	95 893	22 187,418	352 087,486	15,869	15,402							
31	52	95 590	21 064,240	329 900,069	15,662	15,195							
32	53	95 255	19 990,765	308 835,829	15,449	14,983							
33	54	94 894	18 966,791	288 845,064	15,229	14,763							
34	55	94 523	17 992,981	269 878,272	14,999	14,533							
35	56	94 107	17 060,728	251 885,291	14,764	14,298							
36	57	93 669	16 172,675	234 824,563	14,520	14,053							
37	58	93 198	15 325,000	218 651,888	14,268	13,801							
38	59	92 681	14 514,340	203 326,888	14,009	13,542							
39	60	92 139	13 742,317	188 812,549	13,739	13,273							
40	61	91 527	13 001,078	175 070,232	13,466	12,999							
41	62	90 883	12 294,797	162 069,153	13,182	12,716							
42	63	90 179	11 618,573	149 774,357	12,891	12,425							
43	64	89 433	10 973,792	138 155,784	12,590	12,123							
44	65	88 618	10 356,071	127 181,992	12,281	11,815							
45	66	87 745	9 765,735	116 825,921	11,963	11,496							
46	67	86 814	9 202,015	107 060,186	11,634	11,168							
47	68	85 794	8 660,856	97 858,170	11,299	10,833							
48	69	84 691	8 142,375	89 197,314	10,955	10,488							
49	70	83 466	7 642,508	81 054,940	10,606	10,139							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 935 382,861	19,472	19,006	50	72	81 052	7 068,015	70 175,685	9,929	9,462
1	23	98 967	94 254,181	1 835 989,497	19,479	19,013	51	73	79 457	6 598,962	63 107,670	9,563	9,097
2	24	98 909	89 713,526	1 741 735,316	19,414	18,948	52	74	77 704	6 146,127	56 508,708	9,194	8,728
3	25	98 868	85 405,585	1 652 021,790	19,343	18,877	53	75	75 802	5 710,150	50 362,581	8,820	8,353
4	26	98 831	81 308,248	1 566 616,205	19,268	18,801	54	76	73 688	5 286,562	44 652,431	8,446	7,980
5	27	98 790	77 404,584	1 485 307,957	19,189	18,722	55	77	71 360	4 875,754	39 365,869	8,074	7,607
6	28	98 753	73 691,095	1 407 903,373	19,105	18,639	56	78	68 816	4 478,018	34 490,115	7,702	7,236
7	29	98 717	70 156,370	1 334 212,278	19,018	18,551	57	79	66 031	4 092,228	30 012,098	7,334	6,868
8	30	98 680	66 790,598	1 264 055,908	18,926	18,459	58	80	63 046	3 721,137	25 919,870	6,966	6,499
9	31	98 644	63 586,522	1 197 265,310	18,829	18,363	59	81	59 778	3 360,250	22 198,733	6,606	6,140
10	32	98 603	60 533,652	1 133 678,788	18,728	18,262	60	82	56 274	3 012,646	18 838,483	6,253	5,787
11	33	98 560	57 625,977	1 073 145,136	18,623	18,156	61	83	52 511	2 677,330	15 825,837	5,911	5,445
12	34	98 515	54 856,693	1 015 519,159	18,512	18,046	62	84	48 548	2 357,400	13 148,507	5,578	5,111
13	35	98 464	52 217,806	960 662,466	18,397	17,931	63	85	44 403	2 053,474	10 791,107	5,255	4,789
14	36	98 414	49 705,699	908 444,660	18,276	17,810	64	86	40 082	1 765,384	8 737,633	4,949	4,483
15	37	98 352	47 308,883	858 738,961	18,152	17,685	65	87	35 688	1 496,991	6 972,249	4,658	4,191
16	38	98 280	45 023,353	811 430,078	18,022	17,556	66	88	31 104	1 242,559	5 475,258	4,406	3,940
17	39	98 193	42 841,396	766 406,725	17,889	17,423	67	89	26 748	1 017,667	4 232,699	4,159	3,693
18	40	98 091	40 758,714	723 565,329	17,752	17,286	68	90	22 595	818,711	3 215,033	3,927	3,461
19	41	97 966	38 768,597	682 806,615	17,612	17,146	69	91	18 868	651,120	2 396,322	3,680	3,214
20	42	97 832	36 871,674	644 038,018	17,467	17,001	70	92	15 264	501,661	1 745,202	3,479	3,012
21	43	97 681	35 061,704	607 166,344	17,317	16,851	71	93	12 087	378,341	1 243,542	3,287	2,820
22	44	97 522	33 338,041	572 104,640	17,161	16,694	72	94	9 339	278,397	865,201	3,108	2,641
23	45	97 357	31 696,767	538 766,599	16,998	16,531	73	95	7 024	199,405	586,804	2,943	2,476
24	46	97 172	30 129,963	507 069,832	16,829	16,363	74	96	5 137	138,886	387,399	2,789	2,323
25	47	96 966	28 634,193	476 939,868	16,656	16,190	75	97	3 644	93,840	248,513	2,648	2,182
26	48	96 740	27 207,200	448 305,675	16,477	16,011	76	98	2 506	61,452	154,672	2,517	2,051
27	49	96 502	25 847,810	421 098,475	16,291	15,825	77	99	1 666	38,919	93,220	2,395	1,929
28	50	96 239	24 549,914	395 250,665	16,100	15,633	78	100	1 069	23,780	54,301	2,284	1,817
29	51	95 954	23 311,787	370 700,751	15,902	15,435							
30	52	95 654	22 132,154	347 388,964	15,696	15,230							
31	53	95 325	21 005,874	325 256,811	15,484	15,018							
32	54	94 965	19 930,010	304 250,937	15,266	14,800							
33	55	94 592	18 906,360	284 320,927	15,038	14,572							
34	56	94 183	17 928,250	265 414,566	14,804	14,338							
35	57	93 750	16 996,019	247 486,316	14,561	14,095							
36	58	93 283	16 105,942	230 490,297	14,311	13,844							
37	59	92 773	15 255,123	214 384,355	14,053	13,587							
38	60	92 238	14 444,985	199 129,232	13,785	13,319							
39	61	91 635	13 667,176	184 684,247	13,513	13,047							
40	62	91 007	12 927,161	171 017,071	13,229	12,763							
41	63	90 313	12 217,649	158 089,910	12,939	12,473							
42	64	89 577	11 541,093	145 872,261	12,639	12,173							
43	65	88 789	10 894,827	134 331,168	12,330	11,863							
44	66	87 932	10 275,890	123 436,342	12,012	11,546							
45	67	87 024	9 685,463	113 160,452	11,684	11,217							
46	68	86 031	9 119,017	103 474,988	11,347	10,881							
47	69	84 954	8 576,022	94 355,972	11,002	10,536							
48	70	83 762	8 053,072	85 779,950	10,652	10,185							
49	71	82 469	7 551,193	77 726,878	10,293	9,827							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 929 534,751	19,418	18,951	50	73	79 797	6 958,636	66 831,808	9,604	9,138
1	24	98 944	94 232,742	1 830 164,226	19,422	18,955	51	74	78 079	6 484,566	59 873,171	9,233	8,767
2	25	98 887	89 693,129	1 735 931,484	19,354	18,888	52	75	76 203	6 027,359	53 388,605	8,858	8,391
3	26	98 846	85 386,553	1 646 238,355	19,280	18,813	53	76	74 113	5 582,921	47 361,246	8,483	8,017
4	27	98 804	81 286,526	1 560 851,802	19,202	18,735	54	77	71 820	5 152,560	41 778,325	8,108	7,642
5	28	98 765	77 384,604	1 479 565,276	19,120	18,653	55	78	69 294	4 734,580	36 625,765	7,736	7,269
6	29	98 727	73 671,955	1 402 180,672	19,033	18,566	56	79	66 527	4 329,087	31 891,185	7,367	6,900
7	30	98 690	70 136,911	1 328 508,717	18,942	18,475	57	80	63 552	3 938,562	27 562,098	6,998	6,532
8	31	98 653	66 772,268	1 258 371,806	18,846	18,379	58	81	60 311	3 559,739	23 623,536	6,636	6,170
9	32	98 611	63 565,791	1 191 599,538	18,746	18,280	59	82	56 819	3 193,931	20 063,797	6,282	5,815
10	33	98 569	60 512,687	1 128 033,747	18,641	18,175	60	83	53 074	2 841,324	16 869,865	5,937	5,471
11	34	98 524	57 605,128	1 067 521,060	18,532	18,065	61	84	49 100	2 503,413	14 028,541	5,604	5,137
12	35	98 475	54 834,431	1 009 915,932	18,418	17,951	62	85	44 956	2 182,985	11 525,128	5,280	4,813
13	36	98 423	52 195,554	955 081,501	18,298	17,832	63	86	40 616	1 878,322	9 342,143	4,974	4,507
14	37	98 368	49 682,520	902 885,948	18,173	17,707	64	87	36 209	1 594,762	7 463,821	4,680	4,214
15	38	98 300	47 283,965	853 203,427	18,044	17,578	65	88	31 596	1 325,344	5 869,059	4,428	3,962
16	39	98 222	44 996,809	805 919,462	17,911	17,444	66	89	27 201	1 086,665	4 543,715	4,181	3,715
17	40	98 124	42 811,267	760 922,653	17,774	17,307	67	90	23 009	875,429	3 457,050	3,949	3,483
18	41	98 021	40 729,662	718 111,386	17,631	17,165	68	91	19 246	697,381	2 581,621	3,702	3,235
19	42	97 885	38 736,381	677 381,724	17,487	17,021	69	92	15 601	538,382	1 884,240	3,500	3,033
20	43	97 739	36 836,795	638 645,343	17,337	16,871	70	93	12 379	406,855	1 345,858	3,308	2,842
21	44	97 577	35 024,695	601 808,548	17,182	16,716	71	94	9 587	300,069	939,003	3,129	2,663
22	45	97 412	33 300,342	566 783,854	17,020	16,554	72	95	7 234	215,649	638,935	2,963	2,496
23	46	97 226	31 653,895	533 483,512	16,854	16,387	73	96	5 307	150,661	423,286	2,810	2,343
24	47	97 021	30 083,234	501 829,617	16,681	16,215	74	97	3 781	102,222	272,625	2,667	2,201
25	48	96 797	28 584,501	471 746,382	16,504	16,037	75	98	2 609	67,194	170,404	2,536	2,070
26	49	96 561	27 156,786	443 161,881	16,319	15,852	76	99	1 743	42,753	103,210	2,414	1,948
27	50	96 300	25 793,735	416 005,095	16,128	15,662	77	100	1 125	26,274	60,457	2,301	1,835
28	51	96 014	24 492,554	390 211,360	15,932	15,465							
29	52	95 715	23 253,722	365 718,806	15,727	15,261							
30	53	95 389	22 070,829	342 465,085	15,517	15,050							
31	54	95 036	20 942,033	320 394,255	15,299	14,833							
32	55	94 663	19 866,510	299 452,222	15,073	14,607							
33	56	94 252	18 838,344	279 585,712	14,841	14,375							
34	57	93 826	17 860,250	260 747,368	14,599	14,133							
35	58	93 363	16 925,889	242 887,118	14,350	13,884							
36	59	92 857	16 032,505	225 961,229	14,094	13,628							
37	60	92 329	15 182,229	209 928,725	13,827	13,361							
38	61	91 734	14 366,001	194 746,496	13,556	13,090							
39	62	91 114	13 589,471	180 380,494	13,274	12,807							
40	63	90 436	12 846,046	166 791,023	12,984	12,517							
41	64	89 710	12 136,174	153 944,977	12,685	12,218							
42	65	88 933	11 458,045	141 808,802	12,376	11,910							
43	66	88 102	10 810,474	130 350,757	12,058	11,591							
44	67	87 210	10 191,425	119 540,283	11,729	11,263							
45	68	86 239	9 598,104	109 348,859	11,393	10,926							
46	69	85 188	9 029,695	99 750,755	11,047	10,581							
47	70	84 022	8 481,963	90 721,060	10,696	10,229							
48	71	82 761	7 956,852	82 239,097	10,336	9,869							
49	72	81 369	7 450,438	74 282,245	9,970	9,504							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 923 370,415	19,360	18,894	50	74	78 414	6 838,006	63 391,349	9,270	8,804
1	25	98 922	94 211,318	1 824 022,493	19,361	18,895	51	75	76 570	6 359,258	56 553,343	8,893	8,427
2	26	98 865	89 673,141	1 729 811,174	19,290	18,824	52	76	74 505	5 893,062	50 194,086	8,517	8,051
3	27	98 819	85 363,742	1 640 138,033	19,214	18,747	53	77	72 234	5 441,407	44 301,023	8,141	7,675
4	28	98 779	81 265,544	1 554 774,291	19,132	18,666	54	78	69 740	5 003,371	38 859,616	7,767	7,300
5	29	98 739	77 364,504	1 473 508,748	19,046	18,580	55	79	66 989	4 577,117	33 856,245	7,397	6,930
6	30	98 700	73 651,521	1 396 144,244	18,956	18,490	56	80	64 029	4 166,527	29 279,128	7,027	6,561
7	31	98 663	70 117,663	1 322 492,722	18,861	18,395	57	81	60 795	3 767,734	25 112,601	6,665	6,199
8	32	98 621	66 750,498	1 252 375,060	18,762	18,296	58	82	57 326	3 383,547	21 344,867	6,308	5,842
9	33	98 577	63 543,776	1 185 624,561	18,658	18,192	59	83	53 588	3 012,300	17 961,320	5,963	5,496
10	34	98 533	60 490,794	1 122 080,786	18,550	18,083	60	84	49 626	2 656,754	14 949,020	5,627	5,160
11	35	98 484	57 581,751	1 061 589,992	18,436	17,970	61	85	45 467	2 318,196	12 292,266	5,303	4,836
12	36	98 433	54 811,063	1 004 008,241	18,318	17,851	62	86	41 121	1 996,787	9 974,070	4,995	4,529
13	37	98 377	52 171,214	949 197,178	18,194	17,727	63	87	36 690	1 696,785	7 977,283	4,701	4,235
14	38	98 316	49 656,353	897 025,964	18,065	17,598	64	88	32 057	1 411,904	6 280,498	4,448	3,982
15	39	98 242	47 256,088	847 369,612	17,931	17,465	65	89	27 632	1 159,064	4 868,594	4,200	3,734
16	40	98 153	44 965,164	800 113,524	17,794	17,328	66	90	23 399	934,783	3 709,531	3,968	3,502
17	41	98 054	42 780,752	755 148,360	17,652	17,185	67	91	19 599	745,693	2 774,748	3,721	3,255
18	42	97 939	40 695,816	712 367,608	17,505	17,038	68	92	15 914	576,633	2 029,054	3,519	3,052
19	43	97 792	38 699,738	671 671,792	17,356	16,890	69	93	12 653	436,637	1 452,421	3,326	2,860
20	44	97 636	36 797,912	632 972,053	17,201	16,735	70	94	9 818	322,684	1 015,784	3,148	2,682
21	45	97 467	34 985,088	596 174,141	17,041	16,574	71	95	7 426	232,436	693,101	2,982	2,516
22	46	97 280	33 255,301	561 189,053	16,875	16,409	72	96	5 466	162,934	460,665	2,827	2,361
23	47	97 075	31 604,803	527 933,752	16,704	16,238	73	97	3 906	110,888	297,731	2,685	2,219
24	48	96 853	30 031,027	496 328,949	16,527	16,061	74	98	2 707	73,195	186,844	2,553	2,086
25	49	96 618	28 531,535	466 297,922	16,343	15,877	75	99	1 815	46,748	113,648	2,431	1,965
26	50	96 359	27 099,972	437 766,387	16,154	15,687	76	100	1 177	28,863	66,900	2,318	1,851
27	51	96 075	25 733,469	410 666,415	15,958	15,492							
28	52	95 775	24 431,548	384 932,946	15,756	15,289							
29	53	95 450	23 189,290	360 501,398	15,546	15,080							
30	54	95 099	22 003,752	337 312,108	15,330	14,863							
31	55	94 733	20 875,309	315 308,357	15,104	14,638							
32	56	94 322	19 795,039	294 433,048	14,874	14,408							
33	57	93 894	18 766,892	274 638,008	14,634	14,168							
34	58	93 439	17 786,554	255 871,116	14,386	13,919							
35	59	92 938	16 848,713	238 084,562	14,131	13,664							
36	60	92 414	15 955,896	221 235,850	13,865	13,399							
37	61	91 824	15 099,214	205 279,954	13,595	13,129							
38	62	91 212	14 284,324	190 180,740	13,314	12,848							
39	63	90 542	13 504,200	175 896,416	13,025	12,559							
40	64	89 833	12 760,380	162 392,215	12,726	12,260							
41	65	89 065	12 048,845	149 631,835	12,419	11,952							
42	66	88 244	11 369,332	137 582,990	12,101	11,635							
43	67	87 378	10 721,615	126 213,658	11,772	11,305							
44	68	86 423	10 099,502	115 492,043	11,435	10,969							
45	69	85 394	9 504,089	105 392,542	11,089	10,623							
46	70	84 254	8 930,660	95 888,452	10,737	10,271							
47	71	83 018	8 380,618	86 957,793	10,376	9,910							
48	72	81 657	7 850,684	78 577,174	10,009	9,543							
49	73	80 110	7 335,141	70 726,490	9,642	9,176							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 916 874,924	19,299	18,833	50	75	76 899	6 705,868	59 862,755	8,927	8,461
1	26	98 900	94 190,324	1 817 549,589	19,297	18,830	51	76	74 864	6 217,566	53 156,888	8,549	8,083
2	27	98 838	89 649,184	1 723 359,265	19,223	18,757	52	77	72 616	5 743,687	46 939,322	8,172	7,706
3	28	98 794	85 341,706	1 633 710,081	19,143	18,677	53	78	70 143	5 283,855	41 195,635	7,797	7,330
4	29	98 753	81 244,436	1 548 368,374	19,058	18,592	54	79	67 421	4 836,969	35 911,779	7,424	6,958
5	30	98 712	77 343,046	1 467 123,938	18,969	18,503	55	80	64 474	4 405,243	31 074,811	7,054	6,588
6	31	98 673	73 631,308	1 389 780,892	18,875	18,408	56	81	61 252	3 985,812	26 669,568	6,691	6,225
7	32	98 630	70 094,802	1 316 149,584	18,777	18,310	57	82	57 786	3 581,247	22 683,756	6,334	5,868
8	33	98 587	66 727,380	1 246 054,781	18,674	18,207	58	83	54 066	3 191,132	19 102,509	5,986	5,520
9	34	98 542	63 520,786	1 179 327,401	18,566	18,100	59	84	50 107	2 816,623	15 911,377	5,649	5,183
10	35	98 493	60 466,245	1 115 806,615	18,453	17,987	60	85	45 954	2 460,192	13 094,753	5,323	4,856
11	36	98 442	57 557,212	1 055 340,370	18,336	17,869	61	86	41 589	2 120,465	10 634,562	5,015	4,549
12	37	98 387	54 785,503	997 783,158	18,213	17,746	62	87	37 147	1 803,800	8 514,097	4,720	4,254
13	38	98 325	52 143,735	942 997,654	18,085	17,618	63	88	32 483	1 502,229	6 710,297	4,467	4,000
14	39	98 258	49 627,077	890 853,919	17,951	17,485	64	89	28 035	1 234,764	5 208,068	4,218	3,751
15	40	98 173	47 222,855	841 226,842	17,814	17,348	65	90	23 770	997,063	3 973,304	3,985	3,519
16	41	98 083	44 933,113	794 003,988	17,671	17,204	66	91	19 932	796,251	2 976,241	3,738	3,271
17	42	97 973	42 745,202	749 070,874	17,524	17,058	67	92	16 206	616,581	2 179,990	3,536	3,069
18	43	97 847	40 657,320	706 325,672	17,373	16,906	68	93	12 906	467,659	1 563,409	3,343	2,877
19	44	97 689	38 658,889	665 668,352	17,219	16,753	69	94	10 035	346,304	1 095,750	3,164	2,698
20	45	97 525	36 756,300	627 009,463	17,059	16,592	70	95	7 605	249,954	749,446	2,998	2,532
21	46	97 335	34 937,768	590 253,163	16,894	16,428	71	96	5 611	175,617	499,492	2,844	2,378
22	47	97 130	33 203,725	555 315,395	16,724	16,258	72	97	4 023	119,921	323,875	2,701	2,234
23	48	96 906	31 549,955	522 111,670	16,549	16,082	73	98	2 797	79,401	203,955	2,569	2,102
24	49	96 674	29 975,381	490 561,715	16,365	15,899	74	99	1 883	50,923	124,554	2,446	1,980
25	50	96 416	28 471,845	460 586,334	16,177	15,711	75	100	1 226	31,559	73,631	2,333	1,867
26	51	96 133	27 036,654	432 114,489	15,983	15,516							
27	52	95 835	25 669,372	405 077,835	15,781	15,314							
28	53	95 509	24 363,852	379 408,462	15,573	15,106							
29	54	95 160	23 118,813	355 044,610	15,357	14,891							
30	55	94 796	21 933,645	331 925,797	15,133	14,667							
31	56	94 392	20 800,209	309 992,152	14,903	14,437							
32	57	93 964	19 719,959	289 191,943	14,665	14,199							
33	58	93 507	18 689,455	269 471,984	14,418	13,952							
34	59	93 013	17 705,454	250 782,530	14,164	13,698							
35	60	92 494	16 768,203	233 077,076	13,900	13,434							
36	61	91 908	15 868,651	216 308,872	13,631	13,165							
37	62	91 302	15 013,368	200 440,222	13,351	12,884							
38	63	90 640	14 194,693	185 426,853	13,063	12,597							
39	64	89 939	13 414,146	171 232,160	12,765	12,299							
40	65	89 187	12 668,559	157 818,015	12,457	11,991							
41	66	88 375	11 955,557	145 149,455	12,141	11,674							
42	67	87 519	11 275,879	133 193,898	11,812	11,346							
43	68	86 589	10 624,910	121 918,019	11,475	11,008							
44	69	85 576	10 000,576	111 293,110	11,129	10,662							
45	70	84 458	9 399,852	101 292,534	10,776	10,310							
46	71	83 247	8 823,954	91 892,682	10,414	9,948							
47	72	81 910	8 268,796	83 068,728	10,046	9,580							
48	73	80 393	7 729,193	74 799,932	9,678	9,211							
49	74	78 721	7 207,984	67 070,739	9,305	8,839							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	8 127,221	116 386,425	14,321	13,854
1	0	99 594	94 851,247	1 907 295,676	20,108	19,642	51	50	92 606	7 691,021	108 259,205	14,076	13,610
2	1	99 240	90 013,435	1 812 444,429	20,135	19,669	52	51	91 946	7 272,583	100 568,184	13,828	13,362
3	2	99 192	85 686,209	1 722 430,995	20,102	19,635	53	52	91 234	6 872,680	93 295,601	13,575	13,108
4	3	99 162	81 580,438	1 636 744,785	20,063	19,597	54	53	90 460	6 489,824	86 422,921	13,317	12,850
5	4	99 133	77 673,321	1 555 164,348	20,022	19,555	55	54	89 607	6 122,513	79 933,098	13,056	12,589
6	5	99 110	73 957,167	1 477 491,027	19,978	19,511	56	55	88 705	5 772,289	73 810,585	12,787	12,321
7	6	99 090	70 421,601	1 403 533,859	19,930	19,464	57	56	87 728	5 436,838	68 038,295	12,514	12,048
8	7	99 073	67 056,328	1 333 112,259	19,880	19,414	58	57	86 699	5 117,218	62 601,458	12,233	11,767
9	8	99 055	63 851,695	1 266 055,930	19,828	19,362	59	58	85 578	4 810,515	57 484,239	11,950	11,483
10	9	99 040	60 802,141	1 202 204,235	19,772	19,306	60	59	84 370	4 516,784	52 673,724	11,662	11,195
11	10	99 025	57 897,947	1 141 402,094	19,714	19,248	61	60	83 076	4 235,751	48 156,940	11,369	10,903
12	11	99 008	55 131,099	1 083 504,147	19,653	19,187	62	61	81 693	3 966,887	43 921,189	11,072	10,606
13	12	98 989	52 496,149	1 028 373,048	19,589	19,123	63	62	80 230	3 710,326	39 954,301	10,768	10,302
14	13	98 973	49 988,123	975 876,899	19,522	19,056	64	63	78 680	3 465,352	36 243,976	10,459	9,993
15	14	98 947	47 595,202	925 888,776	19,453	18,987	65	64	77 032	3 231,209	32 778,623	10,144	9,678
16	15	98 915	45 314,100	878 293,574	19,382	18,916	66	65	75 285	3 007,578	29 547,415	9,824	9,358
17	16	98 872	43 137,640	832 979,474	19,310	18,843	67	66	73 457	2 794,803	26 539,836	9,496	9,030
18	17	98 823	41 062,836	789 841,834	19,235	18,769	68	67	71 540	2 592,248	23 745,033	9,160	8,694
19	18	98 750	39 078,869	748 778,998	19,161	18,694	69	68	69 501	2 398,460	21 152,785	8,819	8,353
20	19	98 675	37 189,550	709 700,129	19,083	18,617	70	69	67 333	2 212,977	18 754,326	8,475	8,008
21	20	98 595	35 389,847	672 510,579	19,003	18,537	71	70	65 024	2 035,311	16 541,348	8,127	7,661
22	21	98 518	33 678,503	637 120,732	18,918	18,451	72	71	62 587	1 865,754	14 506,037	7,775	7,308
23	22	98 442	32 049,788	603 442,229	18,828	18,362	73	72	59 955	1 702,197	12 640,283	7,426	6,959
24	23	98 365	30 499,787	571 392,441	18,734	18,268	74	73	57 135	1 544,886	10 938,086	7,080	6,614
25	24	98 286	29 024,078	540 892,654	18,636	18,170	75	74	54 118	1 393,627	9 393,200	6,740	6,274
26	25	98 205	27 619,316	511 868,576	18,533	18,067	76	75	50 964	1 249,916	7 999,573	6,400	5,934
27	26	98 123	26 282,188	484 249,260	18,425	17,959	77	76	47 628	1 112,474	6 749,657	6,067	5,601
28	27	98 035	25 008,129	457 967,073	18,313	17,846	78	77	44 114	981,323	5 637,183	5,744	5,278
29	28	97 949	23 796,363	432 958,943	18,194	17,728	79	78	40 454	857,042	4 655,860	5,432	4,966
30	29	97 861	22 642,739	409 162,580	18,070	17,604	80	79	36 739	741,279	3 798,818	5,125	4,658
31	30	97 768	21 544,211	386 519,841	17,941	17,474	81	80	32 958	633,331	3 057,539	4,828	4,361
32	31	97 669	20 497,461	364 975,630	17,806	17,339	82	81	29 168	533,813	2 424,208	4,541	4,075
33	32	97 564	19 500,458	344 478,169	17,665	17,199	83	82	25 442	443,440	1 890,395	4,263	3,797
34	33	97 460	18 551,949	324 977,711	17,517	17,051	84	83	21 828	362,342	1 446,955	3,993	3,527
35	34	97 346	17 647,860	306 425,762	17,363	16,897	85	84	18 364	290,313	1 084,613	3,736	3,270
36	35	97 222	16 786,124	288 777,901	17,203	16,737	86	85	15 087	227,153	794,299	3,497	3,030
37	36	97 092	15 965,395	271 991,777	17,036	16,570	87	86	12 066	173,023	567,147	3,278	2,811
38	37	96 951	15 183,037	256 026,382	16,863	16,396	88	87	9 354	127,738	394,123	3,085	2,619
39	38	96 796	14 436,859	240 843,345	16,683	16,216	89	88	7 032	91,459	266,385	2,913	2,446
40	39	96 625	13 725,153	226 406,486	16,496	16,029	90	89	5 139	63,657	174,926	2,748	2,282
41	40	96 425	13 044,573	212 681,333	16,304	15,838	91	90	3 670	43,296	111,269	2,570	2,104
42	41	96 213	12 396,106	199 636,761	16,105	15,638	92	91	2 519	28,302	67,973	2,402	1,935
43	42	95 978	11 776,983	187 240,654	15,899	15,432	93	92	1 630	17,446	39,671	2,274	1,808
44	43	95 703	11 184,015	175 463,671	15,689	15,222	94	93	1 013	10,319	22,225	2,154	1,687
45	44	95 399	10 617,557	164 279,656	15,472	15,006	95	94	600	5,823	11,906	2,045	1,578
46	45	95 061	10 076,176	153 662,100	15,250	14,784	96	95	338	3,127	6,083	1,945	1,479
47	46	94 671	9 556,982	143 585,924	15,024	14,558	97	96	181	1,593	2,956	1,856	1,389
48	47	94 232	9 059,660	134 028,942	14,794	14,328	98	97	92	0,768	1,363	1,774	1,307
49	48	93 736	8 582,857	124 969,282	14,560	14,094	99	98	44	0,350	0,595	1,700	1,233
							100	99	20	0,150	0,245	1,633	1,166

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	8 142,308	117 250,474	14,400	13,934
1							51	49	92 800	7 707,145	109 108,166	14,157	13,690
2	0	99 558	90 302,367	1 813 965,916	20,088	19,621	52	50	92 161	7 289,615	101 401,021	13,910	13,444
3	1	99 221	85 710,580	1 723 663,549	20,110	19,644	53	51	91 462	6 889,841	94 111,406	13,659	13,193
4	2	99 178	81 593,592	1 637 952,969	20,075	19,608	54	52	90 711	6 507,856	87 221,565	13,403	12,936
5	3	99 147	77 684,460	1 556 359,377	20,034	19,568	55	53	89 880	6 141,177	80 713,710	13,143	12,677
6	4	99 122	73 966,032	1 478 674,918	19,991	19,525	56	54	88 989	5 790,740	74 572,533	12,878	12,411
7	5	99 099	70 427,972	1 404 708,886	19,945	19,479	57	55	88 044	5 456,467	68 781,793	12,606	12,139
8	6	99 081	67 061,705	1 334 280,914	19,896	19,430	58	56	87 029	5 136,701	63 325,325	12,328	11,862
9	7	99 063	63 857,030	1 267 219,209	19,845	19,378	59	57	85 932	4 830,447	58 188,624	12,046	11,580
10	8	99 046	60 805,918	1 203 362,179	19,790	19,324	60	58	84 756	4 537,474	53 358,177	11,759	11,293
11	9	99 031	57 901,623	1 142 556,261	19,733	19,266	61	59	83 475	4 256,088	48 820,704	11,471	11,004
12	10	99 016	55 135,541	1 084 654,638	19,673	19,206	62	60	82 142	3 988,697	44 564,616	11,173	10,706
13	11	98 997	52 500,318	1 029 519,097	19,610	19,143	63	61	80 689	3 731,541	40 575,918	10,874	10,407
14	12	98 981	49 991,955	977 018,779	19,544	19,077	64	62	79 176	3 487,234	36 844,377	10,566	10,099
15	13	98 957	47 599,885	927 026,824	19,475	19,009	65	63	77 549	3 252,901	33 357,143	10,255	9,788
16	14	98 927	45 319,710	879 426,939	19,405	18,939	66	64	75 831	3 029,377	30 104,242	9,937	9,471
17	15	98 886	43 143,489	834 107,229	19,333	18,867	67	65	74 030	2 816,610	27 074,865	9,613	9,146
18	16	98 839	41 069,439	790 963,740	19,259	18,793	68	66	72 133	2 613,732	24 258,254	9,281	8,815
19	17	98 768	39 085,730	749 894,302	19,186	18,719	69	67	70 134	2 420,290	21 644,522	8,943	8,477
20	18	98 697	37 197,675	710 808,572	19,109	18,643	70	68	67 999	2 234,868	19 224,232	8,602	8,136
21	19	98 616	35 397,460	673 610,897	19,030	18,564	71	69	65 745	2 057,882	16 989,364	8,256	7,789
22	20	98 539	33 685,610	638 213,437	18,946	18,480	72	70	63 344	1 888,316	14 931,482	7,907	7,441
23	21	98 463	32 056,717	604 527,827	18,858	18,392	73	71	60 766	1 725,216	13 043,167	7,560	7,094
24	22	98 387	30 506,797	572 471,110	18,765	18,299	74	72	58 033	1 569,169	11 317,950	7,213	6,746
25	23	98 308	29 030,681	541 964,313	18,669	18,202	75	73	55 073	1 418,212	9 748,781	6,874	6,408
26	24	98 228	27 625,597	512 933,631	18,567	18,101	76	74	51 969	1 274,546	8 330,569	6,536	6,070
27	25	98 145	26 288,046	485 308,035	18,461	17,995	77	75	48 714	1 137,826	7 056,023	6,201	5,735
28	26	98 061	25 014,812	459 019,989	18,350	17,884	78	76	45 261	1 006,844	5 918,197	5,878	5,412
29	27	97 974	23 802,507	434 005,176	18,234	17,767	79	77	41 660	882,597	4 911,353	5,565	5,098
30	28	97 886	22 648,622	410 202,670	18,112	17,645	80	78	38 003	766,780	4 028,756	5,254	4,788
31	29	97 796	21 550,189	387 554,048	17,984	17,517	81	79	34 244	658,041	3 261,976	4,957	4,491
32	30	97 696	20 503,088	366 003,859	17,851	17,385	82	80	30 491	558,016	2 603,935	4,666	4,200
33	31	97 596	19 506,818	345 500,771	17,712	17,245	83	81	26 767	466,532	2 045,919	4,385	3,919
34	32	97 494	18 558,377	325 993,954	17,566	17,099	84	82	23 144	384,190	1 579,387	4,111	3,645
35	33	97 381	17 654,247	307 435,577	17,414	16,948	85	83	19 639	310,482	1 195,197	3,849	3,383
36	34	97 262	16 792,939	289 781,329	17,256	16,790	86	84	16 292	245,302	884,715	3,607	3,140
37	35	97 133	15 972,202	272 988,390	17,091	16,625	87	85	13 191	189,158	639,413	3,380	2,914
38	36	96 996	15 190,120	257 016,189	16,920	16,454	88	86	10 354	141,404	450,256	3,184	2,718
39	37	96 847	14 444,467	241 826,069	16,742	16,275	89	87	7 943	103,304	308,851	2,990	2,523
40	38	96 682	13 733,250	227 381,602	16,557	16,091	90	88	5 876	72,790	205,547	2,824	2,357
41	39	96 493	13 053,753	213 648,352	16,367	15,900	91	89	4 266	50,330	132,757	2,638	2,171
42	40	96 282	12 404,949	200 594,599	16,171	15,704	92	90	2 957	33,226	82,427	2,481	2,014
43	41	96 058	11 786,778	188 189,650	15,966	15,500	93	91	1 972	21,099	49,201	2,332	1,866
44	42	95 794	11 194,605	176 402,873	15,758	15,291	94	92	1 249	12,724	28,102	2,209	1,742
45	43	95 500	10 628,776	165 208,268	15,543	15,077	95	93	756	7,342	15,378	2,095	1,628
46	44	95 169	10 087,583	154 579,493	15,324	14,857	96	94	437	4,036	8,036	1,991	1,524
47	45	94 799	9 569,926	144 491,909	15,099	14,632	97	95	240	2,109	4,000	1,897	1,430
48	46	94 378	9 073,732	134 921,984	14,870	14,403	98	96	125	1,044	1,891	1,811	1,345
49	47	93 899	8 597,777	125 848,251	14,637	14,171	99	97	61	0,489	0,847	1,734	1,268
							100	98	28	0,216	0,359	1,664	1,197

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	8 156,463	118 048,132	14,473	14,007
1							51	48	92 972	7 721,452	109 891,669	14,232	13,766
2							52	49	92 354	7 304,898	102 170,217	13,987	13,520
3	0	99 539	85 985,701	1 725 072,743	20,062	19,596	53	50	91 676	6 905,976	94 865,320	13,737	13,270
4	1	99 206	81 616,798	1 639 087,042	20,083	19,616	54	51	90 938	6 524,106	87 959,343	13,482	13,016
5	2	99 163	77 696,986	1 557 470,243	20,045	19,579	55	52	90 130	6 158,241	81 435,237	13,224	12,757
6	3	99 136	73 976,639	1 479 773,258	20,003	19,537	56	53	89 260	5 808,392	75 276,997	12,960	12,494
7	4	99 111	70 436,413	1 405 796,619	19,958	19,492	57	54	88 326	5 473,908	69 468,604	12,691	12,224
8	5	99 090	67 067,772	1 335 360,205	19,911	19,444	58	55	87 343	5 155,247	63 994,696	12,414	11,947
9	6	99 071	63 862,150	1 268 292,433	19,860	19,393	59	56	86 259	4 848,838	58 839,449	12,135	11,668
10	7	99 055	60 810,998	1 204 430,283	19,806	19,340	60	57	85 107	4 556,274	53 990,611	11,850	11,383
11	8	99 038	57 905,220	1 143 619,285	19,750	19,283	61	58	83 858	4 275,583	49 434,337	11,562	11,096
12	9	99 022	55 139,041	1 085 714,065	19,690	19,224	62	59	82 537	4 007,848	45 158,753	11,268	10,801
13	10	99 005	52 504,548	1 030 575,024	19,628	19,162	63	60	81 133	3 752,057	41 150,905	10,968	10,501
14	11	98 989	49 995,926	978 070,476	19,563	19,097	64	61	79 629	3 507,174	37 398,848	10,664	10,197
15	12	98 964	47 603,534	928 074,550	19,496	19,030	65	62	78 039	3 273,441	33 891,674	10,354	9,887
16	13	98 937	45 324,169	880 471,016	19,426	18,960	66	63	76 340	3 049,714	30 618,233	10,040	9,573
17	14	98 898	43 148,830	835 146,848	19,355	18,889	67	64	74 567	2 837,025	27 568,519	9,717	9,251
18	15	98 852	41 075,007	791 998,018	19,282	18,815	68	65	72 696	2 634,127	24 731,494	9,389	8,922
19	16	98 784	39 092,015	750 923,011	19,209	18,743	69	66	70 715	2 440,349	22 097,367	9,055	8,589
20	17	98 714	37 204,206	711 830,996	19,133	18,667	70	67	68 618	2 255,209	19 657,018	8,716	8,250
21	18	98 638	35 405,194	674 626,790	19,054	18,588	71	68	66 395	2 078,238	17 401,808	8,373	7,907
22	19	98 560	33 692,856	639 221,597	18,972	18,506	72	69	64 046	1 909,256	15 323,570	8,026	7,560
23	20	98 484	32 063,482	605 528,741	18,885	18,419	73	70	61 501	1 746,079	13 414,314	7,683	7,216
24	21	98 409	30 513,392	573 465,259	18,794	18,327	74	71	58 818	1 590,389	11 668,235	7,337	6,870
25	22	98 331	29 037,354	542 951,866	18,698	18,232	75	72	55 939	1 440,504	10 077,846	6,996	6,530
26	23	98 250	27 631,882	513 914,512	18,599	18,132	76	73	52 886	1 297,030	8 637,342	6,659	6,193
27	24	98 168	26 294,024	486 282,631	18,494	18,028	77	74	49 674	1 160,247	7 340,311	6,327	5,860
28	25	98 083	25 020,388	459 988,607	18,385	17,918	78	75	46 293	1 029,789	6 180,064	6,001	5,535
29	26	98 001	23 808,868	434 968,219	18,269	17,803	79	76	42 743	905,551	5 150,275	5,687	5,221
30	27	97 911	22 654,470	411 159,351	18,149	17,683	80	77	39 136	789,644	4 244,725	5,375	4,909
31	28	97 821	21 555,787	388 504,881	18,023	17,557	81	78	35 422	680,679	3 455,081	5,076	4,610
32	29	97 723	20 508,776	366 949,094	17,892	17,426	82	79	31 680	579,787	2 774,402	4,785	4,319
33	30	97 623	19 512,172	346 440,318	17,755	17,289	83	80	27 980	487,684	2 194,614	4,500	4,034
34	31	97 525	18 564,429	326 928,145	17,610	17,144	84	81	24 350	404,196	1 706,930	4,223	3,757
35	32	97 415	17 660,364	308 363,716	17,461	16,994	85	82	20 824	329,203	1 302,734	3,957	3,491
36	33	97 297	16 799,017	290 703,352	17,305	16,838	86	83	17 424	262,343	973,531	3,711	3,245
37	34	97 173	15 978,686	273 904,335	17,142	16,675	87	84	14 245	204,271	711,188	3,482	3,015
38	35	97 038	15 196,597	257 925,649	16,973	16,506	88	85	11 320	154,590	506,917	3,279	2,813
39	36	96 892	14 451,206	242 729,053	16,796	16,330	89	86	8 792	114,357	352,327	3,081	2,615
40	37	96 733	13 740,487	228 277,847	16,614	16,147	90	87	6 637	82,217	237,970	2,894	2,428
41	38	96 550	13 061,453	214 537,360	16,425	15,959	91	88	4 878	57,551	155,753	2,706	2,240
42	39	96 350	12 413,679	201 475,907	16,230	15,764	92	89	3 438	38,625	98,203	2,542	2,076
43	40	96 127	11 795,185	189 062,228	16,029	15,562	93	90	2 315	24,770	59,578	2,405	1,939
44	41	95 874	11 203,915	177 267,043	15,822	15,355	94	91	1 510	15,388	34,809	2,262	1,796
45	42	95 590	10 638,839	166 063,128	15,609	15,143	95	92	933	9,053	19,420	2,145	1,679
46	43	95 269	10 098,243	155 424,289	15,391	14,925	96	93	551	5,089	10,367	2,037	1,571
47	44	94 907	9 580,760	145 326,046	15,169	14,702	97	94	309	2,722	5,278	1,939	1,472
48	45	94 506	9 086,022	135 745,287	14,940	14,474	98	95	165	1,382	2,556	1,850	1,383
49	46	94 045	8 611,133	126 659,265	14,709	14,242	99	96	83	0,664	1,174	1,769	1,302
							100	97	40	0,301	0,510	1,695	1,229

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	8 169,133	118 783,351	14,541	14,074
1							51	47	93 134	7 734,875	110 614,219	14,301	13,834
2							52	48	92 526	7 318,458	102 879,343	14,058	13,591
3							53	49	91 869	6 920,454	95 560,885	13,808	13,342
4	0	99 524	81 878,779	1 640 391,617	20,034	19,568	54	50	91 150	6 539,385	88 640,431	13,555	13,088
5	1	99 191	77 719,084	1 558 512,838	20,053	19,587	55	51	90 355	6 173,618	82 101,046	13,299	12,832
6	2	99 152	73 988,567	1 480 793,755	20,014	19,547	56	52	89 508	5 824,531	75 927,428	13,036	12,569
7	3	99 125	70 446,515	1 406 805,187	19,970	19,503	57	53	88 595	5 490,595	70 102,897	12,768	12,301
8	4	99 102	67 075,811	1 336 358,673	19,923	19,457	58	54	87 622	5 171,725	64 612,302	12,493	12,027
9	5	99 080	63 867,928	1 269 282,862	19,874	19,407	59	55	86 571	4 866,345	59 440,576	12,215	11,748
10	6	99 063	60 815,874	1 205 414,934	19,821	19,354	60	56	85 432	4 573,621	54 574,231	11,932	11,466
11	7	99 046	57 910,058	1 144 599,060	19,765	19,299	61	57	84 205	4 293,299	50 000,610	11,646	11,180
12	8	99 028	55 142,466	1 086 689,002	19,707	19,241	62	58	82 915	4 026,206	45 707,311	11,352	10,886
13	9	99 011	52 507,881	1 031 546,536	19,646	19,179	63	59	81 522	3 770,072	41 681,105	11,056	10,589
14	10	98 996	49 999,954	979 038,655	19,581	19,114	64	60	80 067	3 526,456	37 911,033	10,750	10,284
15	11	98 972	47 607,315	929 038,701	19,515	19,048	65	61	78 485	3 292,159	34 384,577	10,444	9,978
16	12	98 945	45 327,643	881 431,386	19,446	18,979	66	62	76 822	3 068,972	31 092,419	10,131	9,665
17	13	98 908	43 153,075	836 103,743	19,375	18,909	67	63	75 068	2 856,071	28 023,447	9,812	9,345
18	14	98 864	41 080,093	792 950,668	19,303	18,836	68	64	73 223	2 653,219	25 167,376	9,486	9,019
19	15	98 797	39 097,315	751 870,575	19,231	18,764	69	65	71 267	2 459,391	22 514,157	9,154	8,688
20	16	98 730	37 210,188	712 773,261	19,155	18,689	70	66	69 187	2 273,900	20 054,766	8,820	8,353
21	17	98 655	35 411,410	675 563,073	19,078	18,611	71	67	66 999	2 097,154	17 780,866	8,479	8,012
22	18	98 582	33 700,217	640 151,663	18,995	18,529	72	68	64 680	1 928,142	15 683,712	8,134	7,668
23	19	98 505	32 070,379	606 451,446	18,910	18,444	73	69	62 183	1 765,441	13 755,570	7,792	7,325
24	20	98 430	30 519,832	574 381,067	18,820	18,354	74	70	59 529	1 609,622	11 990,128	7,449	6,983
25	21	98 352	29 043,631	543 861,235	18,726	18,259	75	71	56 695	1 459,985	10 380,507	7,110	6,644
26	22	98 273	27 638,233	514 817,604	18,627	18,161	76	72	53 717	1 317,418	8 920,522	6,771	6,305
27	23	98 190	26 300,006	487 179,371	18,524	18,058	77	73	50 550	1 180,715	7 603,104	6,439	5,973
28	24	98 105	25 026,078	460 879,365	18,416	17,950	78	74	47 205	1 050,081	6 422,389	6,116	5,650
29	25	98 022	23 814,174	435 853,287	18,302	17,836	79	75	43 717	926,187	5 372,308	5,800	5,334
30	26	97 937	22 660,524	412 039,113	18,183	17,717	80	76	40 154	810,180	4 446,121	5,488	5,021
31	27	97 846	21 561,353	389 378,589	18,059	17,593	81	77	36 478	700,975	3 635,941	5,187	4,721
32	28	97 749	20 514,104	367 817,236	17,930	17,464	82	78	32 770	599,733	2 934,966	4,894	4,427
33	29	97 650	19 517,586	347 303,132	17,794	17,328	83	79	29 072	506,711	2 335,232	4,609	4,142
34	30	97 552	18 569,526	327 785,546	17,652	17,185	84	80	25 454	422,522	1 828,521	4,328	3,861
35	31	97 447	17 666,124	309 216,020	17,503	17,037	85	81	21 908	346,346	1 405,999	4,060	3,593
36	32	97 331	16 804,837	291 549,897	17,349	16,883	86	82	18 475	278,162	1 059,653	3,809	3,343
37	33	97 208	15 984,469	274 745,060	17,188	16,722	87	83	15 235	218,462	781,492	3,577	3,111
38	34	97 077	15 202,766	258 760,591	17,021	16,554	88	84	12 224	166,942	563,030	3,373	2,906
39	35	96 933	14 457,367	243 557,825	16,847	16,380	89	85	9 612	125,020	396,088	3,168	2,702
40	36	96 778	13 746,897	229 100,458	16,666	16,199	90	86	7 348	91,013	271,068	2,978	2,512
41	37	96 601	13 068,336	215 353,560	16,479	16,013	91	87	5 510	65,004	180,055	2,770	2,303
42	38	96 407	12 421,002	202 285,224	16,286	15,819	92	88	3 931	44,166	115,050	2,605	2,139
43	39	96 194	11 803,486	189 864,222	16,085	15,619	93	89	2 691	28,794	70,885	2,462	1,995
44	40	95 942	11 211,907	178 060,736	15,881	15,415	94	90	1 773	18,065	42,091	2,330	1,864
45	41	95 670	10 647,687	166 848,830	15,670	15,204	95	91	1 128	10,949	24,025	2,194	1,728
46	42	95 360	10 107,804	156 201,142	15,454	14,987	96	92	679	6,275	13,077	2,084	1,617
47	43	95 007	9 590,883	146 093,338	15,233	14,766	97	93	390	3,432	6,801	1,982	1,515
48	44	94 613	9 096,308	136 502,455	15,006	14,540	98	94	213	1,784	3,369	1,889	1,422
49	45	94 172	8 622,795	127 406,147	14,776	14,309	99	95	110	0,879	1,585	1,804	1,338
							100	96	54	0,409	0,707	1,728	1,261

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	8 180,197	119 459,795	14,604	14,137
1							51	46	93 279	7 746,890	111 279,599	14,364	13,898
2							52	47	92 687	7 331,181	103 532,708	14,122	13,656
3							53	48	92 039	6 933,301	96 201,527	13,875	13,409
4							54	49	91 342	6 553,094	89 268,226	13,622	13,156
5	0	99 510	77 968,553	1 559 720,114	20,004	19,538	55	50	90 566	6 188,076	82 715,132	13,367	12,900
6	1	99 180	74 009,611	1 481 751,560	20,021	19,555	56	51	89 731	5 839,075	76 527,056	13,106	12,640
7	2	99 141	70 457,873	1 407 741,950	19,980	19,514	57	52	88 841	5 505,851	70 687,981	12,839	12,372
8	3	99 116	67 085,430	1 337 284,076	19,934	19,468	58	53	87 889	5 187,491	65 182,130	12,565	12,099
9	4	99 092	63 875,583	1 270 198,646	19,886	19,419	59	54	86 848	4 881,899	59 994,638	12,289	11,823
10	5	99 072	60 821,376	1 206 323,064	19,834	19,367	60	55	85 740	4 590,135	55 112,739	12,007	11,540
11	6	99 054	57 914,701	1 145 501,687	19,779	19,313	61	56	84 526	4 309,645	50 522,605	11,723	11,257
12	7	99 036	55 147,074	1 087 586,986	19,722	19,255	62	57	83 258	4 042,888	46 212,960	11,431	10,964
13	8	99 018	52 511,143	1 032 439,913	19,661	19,195	63	58	81 896	3 787,341	42 170,072	11,134	10,668
14	9	99 003	50 003,128	979 928,770	19,597	19,131	64	59	80 451	3 543,388	38 382,731	10,832	10,366
15	10	98 980	47 611,150	929 925,642	19,532	19,065	65	60	78 916	3 310,259	34 839,343	10,525	10,058
16	11	98 952	45 331,243	882 314,491	19,464	18,997	66	61	77 261	3 086,520	31 529,085	10,215	9,749
17	12	98 915	43 156,383	836 983,248	19,394	18,928	67	62	75 542	2 874,106	28 442,565	9,896	9,430
18	13	98 874	41 084,134	793 826,865	19,322	18,856	68	63	73 714	2 671,031	25 568,459	9,573	9,106
19	14	98 809	39 102,155	752 742,731	19,251	18,784	69	64	71 784	2 477,216	22 897,428	9,243	8,777
20	15	98 743	37 215,233	713 640,575	19,176	18,710	70	65	69 727	2 291,643	20 420,212	8,911	8,444
21	16	98 671	35 417,103	676 425,343	19,099	18,632	71	66	67 555	2 114,535	18 128,569	8,573	8,107
22	17	98 599	33 706,134	641 008,239	19,018	18,551	72	67	65 268	1 945,692	16 014,034	8,231	7,764
23	18	98 526	32 077,386	607 302,105	18,932	18,466	73	68	62 798	1 782,905	14 068,342	7,891	7,424
24	19	98 451	30 526,397	575 224,719	18,844	18,377	74	69	60 190	1 627,471	12 285,437	7,549	7,082
25	20	98 373	29 049,761	544 698,323	18,751	18,284	75	70	57 381	1 477,640	10 657,966	7,213	6,746
26	21	98 294	27 644,208	515 648,562	18,653	18,187	76	71	54 443	1 335,234	9 180,325	6,875	6,409
27	22	98 212	26 306,051	488 004,354	18,551	18,085	77	72	51 345	1 199,274	7 845,092	6,542	6,075
28	23	98 128	25 031,771	461 698,303	18,444	17,978	78	73	48 038	1 068,606	6 645,818	6,219	5,753
29	24	98 045	23 819,590	436 666,532	18,332	17,866	79	74	44 579	944,438	5 577,212	5,905	5,439
30	25	97 959	22 665,575	412 846,942	18,215	17,748	80	75	41 069	828,643	4 632,775	5,591	5,124
31	26	97 872	21 567,115	390 181,367	18,091	17,625	81	76	37 427	719,205	3 804,132	5,289	4,823
32	27	97 774	20 519,401	368 614,252	17,964	17,498	82	77	33 747	617,616	3 084,926	4,995	4,528
33	28	97 676	19 522,657	348 094,851	17,830	17,364	83	78	30 072	524,143	2 467,310	4,707	4,241
34	29	97 579	18 574,677	328 572,195	17,689	17,223	84	79	26 447	439,007	1 943,167	4,426	3,960
35	30	97 473	17 670,973	309 997,517	17,543	17,076	85	80	22 901	362,049	1 504,160	4,155	3,688
36	31	97 362	16 810,318	292 326,544	17,390	16,923	86	81	19 437	292,646	1 142,111	3,903	3,436
37	32	97 242	15 990,007	275 516,226	17,231	16,764	87	82	16 154	231,634	849,464	3,667	3,201
38	33	97 112	15 208,268	259 526,219	17,065	16,598	88	83	13 074	178,539	617,830	3,460	2,994
39	34	96 972	14 463,236	244 317,951	16,892	16,426	89	84	10 380	135,009	439,291	3,254	2,787
40	35	96 819	13 752,758	229 854,715	16,713	16,247	90	85	8 033	99,500	304,281	3,058	2,592
41	36	96 646	13 074,433	216 101,957	16,529	16,062	91	86	6 100	71,959	204,781	2,846	2,379
42	37	96 457	12 427,547	203 027,523	16,337	15,870	92	87	4 440	49,886	132,822	2,663	2,196
43	38	96 251	11 810,449	190 599,976	16,138	15,672	93	88	3 077	32,925	82,937	2,519	2,053
44	39	96 009	11 219,797	178 789,527	15,935	15,469	94	89	2 061	21,001	50,012	2,381	1,915
45	40	95 738	10 655,282	167 569,730	15,726	15,260	95	90	1 324	12,854	29,011	2,257	1,791
46	41	95 439	10 116,210	156 914,447	15,511	15,045	96	91	821	7,589	16,158	2,129	1,663
47	42	95 097	9 599,964	146 798,237	15,292	14,825	97	92	481	4,232	8,568	2,025	1,558
48	43	94 713	9 105,920	137 198,273	15,067	14,601	98	93	268	2,249	4,336	1,928	1,462
49	44	94 279	8 632,557	128 092,353	14,838	14,372	99	94	142	1,134	2,087	1,840	1,374
							100	95	71	0,541	0,953	1,760	1,294



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	8 189,458	120 080,759	14,663	14,196
1							51	45	93 405	7 757,383	111 891,302	14,424	13,957
2							52	46	92 831	7 342,569	104 133,919	14,182	13,716
3							53	47	92 199	6 945,355	96 791,351	13,936	13,470
4							54	48	91 511	6 565,260	89 845,996	13,685	13,219
5							55	49	90 756	6 201,049	83 280,736	13,430	12,964
6	0	99 498	74 247,173	1 482 868,507	19,972	19,506	56	50	89 942	5 852,750	77 079,687	13,170	12,703
7	1	99 170	70 477,913	1 408 621,334	19,987	19,520	57	51	89 063	5 519,599	71 226,938	12,904	12,438
8	2	99 132	67 096,247	1 338 143,421	19,944	19,477	58	52	88 134	5 201,905	65 707,338	12,631	12,165
9	3	99 106	63 884,743	1 271 047,174	19,896	19,430	59	53	87 112	4 896,782	60 505,434	12,356	11,890
10	4	99 083	60 828,666	1 207 162,431	19,845	19,379	60	54	86 014	4 604,806	55 608,652	12,076	11,610
11	5	99 063	57 919,941	1 146 333,765	19,792	19,325	61	55	84 831	4 325,205	51 003,846	11,792	11,326
12	6	99 044	55 151,495	1 088 413,824	19,735	19,269	62	56	83 575	4 058,281	46 678,641	11,502	11,036
13	7	99 026	52 515,530	1 033 262,329	19,675	19,209	63	57	82 235	3 803,033	42 620,361	11,207	10,741
14	8	99 009	50 006,234	980 746,799	19,612	19,146	64	58	80 820	3 559,618	38 817,327	10,905	10,439
15	9	98 986	47 614,173	930 740,565	19,548	19,081	65	59	79 295	3 326,152	35 257,709	10,600	10,134
16	10	98 960	45 334,896	883 126,392	19,480	19,014	66	60	77 686	3 103,489	31 931,557	10,289	9,823
17	11	98 923	43 159,811	837 791,496	19,411	18,945	67	61	75 973	2 890,540	28 828,067	9,973	9,507
18	12	98 881	41 087,284	794 631,685	19,340	18,874	68	62	74 180	2 687,897	25 937,528	9,650	9,183
19	13	98 819	39 106,002	753 544,401	19,269	18,803	69	63	72 266	2 493,847	23 249,631	9,323	8,856
20	14	98 755	37 219,840	714 438,399	19,195	18,729	70	64	70 232	2 308,253	20 755,784	8,992	8,526
21	15	98 684	35 421,905	677 218,559	19,119	18,652	71	65	68 082	2 131,034	18 447,531	8,657	8,190
22	16	98 615	33 711,553	641 796,654	19,038	18,571	72	66	65 809	1 961,818	16 316,497	8,317	7,851
23	17	98 544	32 083,018	608 085,100	18,953	18,487	73	67	63 370	1 799,133	14 354,679	7,979	7,512
24	18	98 472	30 533,066	576 002,082	18,865	18,398	74	68	60 785	1 643,570	12 555,546	7,639	7,173
25	19	98 394	29 056,009	545 469,016	18,773	18,307	75	69	58 017	1 494,026	10 911,976	7,304	6,837
26	20	98 314	27 650,042	516 413,007	18,677	18,210	76	70	55 102	1 351,380	9 417,950	6,969	6,503
27	21	98 234	26 311,738	488 762,965	18,576	18,109	77	71	52 039	1 215,492	8 066,570	6,636	6,170
28	22	98 150	25 037,525	462 451,227	18,470	18,004	78	72	48 793	1 085,402	6 851,078	6,312	5,846
29	23	98 067	23 825,009	437 413,702	18,359	17,893	79	73	45 365	961,099	5 765,676	5,999	5,533
30	24	97 982	22 670,729	413 588,693	18,243	17,777	80	74	41 878	844,972	4 804,577	5,686	5,220
31	25	97 894	21 571,922	390 917,964	18,122	17,655	81	75	38 280	735,595	3 959,605	5,383	4,916
32	26	97 800	20 524,884	369 346,042	17,995	17,529	82	76	34 625	633,678	3 224,010	5,088	4,621
33	27	97 701	19 527,697	348 821,158	17,863	17,396	83	77	30 969	539,772	2 590,332	4,799	4,333
34	28	97 605	18 579,503	329 293,460	17,723	17,257	84	78	27 357	454,110	2 050,560	4,516	4,049
35	29	97 500	17 675,876	310 713,957	17,578	17,112	85	79	23 795	376,175	1 596,450	4,244	3,778
36	30	97 389	16 814,932	293 038,081	17,427	16,961	86	80	20 318	305,915	1 220,275	3,989	3,523
37	31	97 273	15 995,222	276 223,149	17,269	16,803	87	81	16 995	243,696	914,360	3,752	3,286
38	32	97 146	15 213,537	260 227,927	17,105	16,639	88	82	13 862	189,305	670,664	3,543	3,076
39	33	97 007	14 468,471	245 014,390	16,934	16,468	89	83	11 101	144,389	481,359	3,334	2,867
40	34	96 859	13 758,341	230 545,919	16,757	16,290	90	84	8 674	107,450	336,971	3,136	2,670
41	35	96 687	13 080,007	216 787,577	16,574	16,108	91	85	6 669	78,669	229,521	2,918	2,451
42	36	96 502	12 433,345	203 707,570	16,384	15,918	92	86	4 915	55,223	150,852	2,732	2,265
43	37	96 302	11 816,673	191 274,225	16,187	15,720	93	87	3 476	37,189	95,629	2,571	2,105
44	38	96 066	11 226,416	179 457,552	15,985	15,519	94	88	2 356	24,013	58,440	2,434	1,967
45	39	95 805	10 662,781	168 231,136	15,777	15,311	95	89	1 540	14,942	34,427	2,304	1,838
46	40	95 507	10 123,426	157 568,355	15,565	15,098	96	90	964	8,910	19,485	2,187	1,720
47	41	95 176	9 607,948	147 444,929	15,346	14,880	97	91	581	5,118	10,575	2,066	1,600
48	42	94 803	9 114,542	137 836,980	15,123	14,656	98	92	331	2,773	5,456	1,968	1,501
49	43	94 379	8 641,679	128 722,438	14,896	14,429	99	93	179	1,430	2,683	1,876	1,410
							100	94	92	0,699	1,253	1,794	1,327

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	8 198,111	120 650,552	14,717	14,250
1							51	44	93 511	7 766,165	112 452,441	14,480	14,013
2							52	45	92 956	7 352,514	104 686,276	14,238	13,772
3							53	46	92 342	6 956,143	97 333,763	13,992	13,526
4							54	47	91 670	6 576,673	90 377,620	13,742	13,276
5							55	48	90 925	6 212,561	83 800,947	13,489	13,023
6							56	49	90 130	5 865,020	77 588,386	13,229	12,763
7	0	99 488	70 704,139	1 409 654,556	19,937	19,471	57	50	89 272	5 532,526	71 723,366	12,964	12,498
8	1	99 160	67 115,330	1 338 950,417	19,950	19,484	58	51	88 354	5 214,894	66 190,841	12,693	12,226
9	2	99 122	63 895,044	1 271 835,087	19,905	19,439	59	52	87 354	4 910,387	60 975,947	12,418	11,951
10	3	99 098	60 837,390	1 207 940,043	19,855	19,389	60	53	86 276	4 618,844	56 065,559	12,138	11,672
11	4	99 075	57 926,883	1 147 102,654	19,803	19,336	61	54	85 102	4 339,029	51 446,716	11,857	11,390
12	5	99 053	55 156,485	1 089 175,771	19,747	19,281	62	55	83 877	4 072,933	47 107,686	11,566	11,100
13	6	99 034	52 519,741	1 034 019,286	19,688	19,222	63	56	82 548	3 817,513	43 034,753	11,273	10,807
14	7	99 017	50 010,412	981 499,545	19,626	19,160	64	57	81 155	3 574,367	39 217,240	10,972	10,505
15	8	98 993	47 617,131	931 489,133	19,562	19,096	65	58	79 658	3 341,388	35 642,873	10,667	10,201
16	9	98 967	45 337,774	883 872,002	19,495	19,029	66	59	78 059	3 118,390	32 301,485	10,358	9,892
17	10	98 931	43 163,288	838 534,228	19,427	18,961	67	60	76 391	2 906,432	29 183,095	10,041	9,574
18	11	98 889	41 090,547	795 370,940	19,357	18,890	68	61	74 604	2 703,266	26 276,663	9,720	9,254
19	12	98 826	39 109,000	754 280,393	19,287	18,820	69	62	72 722	2 509,594	23 573,397	9,393	8,927
20	13	98 765	37 223,502	715 171,393	19,213	18,746	70	63	70 703	2 323,749	21 063,803	9,065	8,598
21	14	98 696	35 426,291	677 947,891	19,137	18,670	71	64	68 575	2 146,480	18 740,054	8,731	8,264
22	15	98 628	33 716,124	642 521,600	19,057	18,590	72	65	66 323	1 977,125	16 593,574	8,393	7,926
23	16	98 560	32 088,177	608 805,476	18,973	18,506	73	66	63 895	1 814,044	14 616,449	8,057	7,591
24	17	98 489	30 538,427	576 717,299	18,885	18,419	74	67	61 338	1 658,529	12 802,405	7,719	7,253
25	18	98 415	29 062,358	546 178,873	18,793	18,327	75	68	58 591	1 508,805	11 143,876	7,386	6,919
26	19	98 336	27 655,989	517 116,515	18,698	18,232	76	69	55 713	1 366,366	9 635,070	7,052	6,585
27	20	98 254	26 317,291	489 460,526	18,598	18,132	77	70	52 668	1 230,191	8 268,704	6,721	6,255
28	21	98 172	25 042,938	463 143,235	18,494	18,028	78	71	49 453	1 100,081	7 038,514	6,398	5,932
29	22	98 090	23 830,485	438 100,297	18,384	17,918	79	72	46 078	976,205	5 938,433	6,083	5,617
30	23	98 004	22 675,887	414 269,812	18,269	17,803	80	73	42 617	859,878	4 962,228	5,771	5,304
31	24	97 916	21 576,828	391 593,925	18,149	17,682	81	74	39 034	750,090	4 102,350	5,469	5,003
32	25	97 822	20 529,459	370 017,098	18,024	17,557	82	75	35 414	648,119	3 352,259	5,172	4,706
33	26	97 727	19 532,916	349 487,638	17,892	17,426	83	76	31 774	553,810	2 704,140	4,883	4,416
34	27	97 630	18 584,300	329 954,723	17,754	17,288	84	77	28 172	467,650	2 150,330	4,598	4,132
35	28	97 526	17 680,468	311 370,422	17,611	17,145	85	78	24 613	389,116	1 682,680	4,324	3,858
36	29	97 416	16 819,597	293 689,954	17,461	16,995	86	79	21 111	317,850	1 293,564	4,070	3,603
37	30	97 300	15 999,613	276 870,357	17,305	16,838	87	80	17 765	254,745	975,714	3,830	3,364
38	31	97 177	15 218,499	260 870,744	17,142	16,675	88	81	14 584	199,162	720,968	3,620	3,154
39	32	97 041	14 473,484	245 652,245	16,973	16,506	89	82	11 771	153,095	521,806	3,408	2,942
40	33	96 894	13 763,321	231 178,761	16,797	16,330	90	83	9 277	114,915	368,711	3,209	2,742
41	34	96 727	13 085,318	217 415,440	16,615	16,149	91	84	7 201	84,955	253,797	2,987	2,521
42	35	96 544	12 438,646	204 330,123	16,427	15,961	92	85	5 373	60,372	168,842	2,797	2,330
43	36	96 347	11 822,186	191 891,477	16,231	15,765	93	86	3 847	41,168	108,470	2,635	2,168
44	37	96 117	11 232,332	180 069,291	16,031	15,565	94	87	2 662	27,123	67,302	2,481	2,015
45	38	95 862	10 669,071	168 836,959	15,825	15,358	95	88	1 760	17,086	40,179	2,352	1,885
46	39	95 574	10 130,551	158 167,888	15,613	15,147	96	89	1 121	10,357	23,093	2,230	1,763
47	40	95 244	9 614,802	148 037,337	15,397	14,930	97	90	683	6,009	12,736	2,119	1,653
48	41	94 882	9 122,122	138 422,535	15,174	14,708	98	91	400	3,354	6,727	2,006	1,539
49	42	94 468	8 649,861	129 300,413	14,948	14,482	99	92	221	1,763	3,373	1,913	1,447
							100	93	116	0,881	1,610	1,827	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	8 205,873	121 172,933	14,767	14,300
1							51	43	93 609	7 774,371	112 967,060	14,531	14,064
2							52	44	93 062	7 360,837	105 192,689	14,291	13,824
3							53	45	92 468	6 965,564	97 831,852	14,045	13,579
4							54	46	91 813	6 586,889	90 866,287	13,795	13,329
5							55	47	91 083	6 223,361	84 279,399	13,542	13,076
6							56	48	90 297	5 875,908	78 056,038	13,284	12,818
7							57	49	89 459	5 544,124	72 180,130	13,019	12,553
8	0	99 478	67 330,762	1 339 906,143	19,900	19,434	58	50	88 561	5 227,107	66 636,006	12,748	12,282
9	1	99 150	63 913,217	1 272 575,381	19,911	19,445	59	51	87 572	4 922,649	61 408,899	12,475	12,008
10	2	99 114	60 847,199	1 208 662,164	19,864	19,397	60	52	86 516	4 631,677	56 486,251	12,196	11,729
11	3	99 089	57 935,190	1 147 814,965	19,812	19,346	61	53	85 361	4 352,257	51 854,573	11,914	11,448
12	4	99 065	55 163,096	1 089 879,775	19,757	19,291	62	54	84 145	4 085,952	47 502,317	11,626	11,159
13	5	99 043	52 524,493	1 034 716,679	19,700	19,233	63	55	82 846	3 831,296	43 416,365	11,332	10,866
14	6	99 025	50 014,422	982 192,186	19,638	19,172	64	56	81 464	3 587,976	39 585,069	11,033	10,566
15	7	99 001	47 621,109	932 177,764	19,575	19,108	65	57	79 988	3 355,232	35 997,093	10,729	10,262
16	8	98 973	45 340,590	884 556,655	19,509	19,043	66	58	78 417	3 132,674	32 641,860	10,420	9,953
17	9	98 937	43 166,029	839 216,065	19,442	18,975	67	59	76 758	2 920,386	29 509,186	10,105	9,638
18	10	98 897	41 093,858	796 050,036	19,372	18,905	68	60	75 014	2 718,129	26 588,800	9,782	9,316
19	11	98 834	39 112,106	754 956,179	19,302	18,836	69	61	73 138	2 523,944	23 870,671	9,458	8,991
20	12	98 773	37 226,356	715 844,072	19,229	18,763	70	62	71 150	2 338,422	21 346,728	9,129	8,662
21	13	98 706	35 429,776	678 617,717	19,154	18,687	71	63	69 036	2 160,890	19 008,305	8,797	8,330
22	14	98 641	33 720,298	643 187,941	19,074	18,608	72	64	66 804	1 991,455	16 847,415	8,460	7,993
23	15	98 573	32 092,527	609 467,642	18,991	18,525	73	65	64 394	1 828,198	14 855,960	8,126	7,660
24	16	98 505	30 543,337	577 375,115	18,903	18,437	74	66	61 847	1 672,275	13 027,761	7,790	7,324
25	17	98 433	29 067,460	546 831,779	18,813	18,346	75	67	59 124	1 522,538	11 355,486	7,458	6,992
26	18	98 357	27 662,032	517 764,318	18,718	18,251	76	68	56 264	1 379,882	9 832,948	7,126	6,660
27	19	98 276	26 322,952	490 102,287	18,619	18,152	77	69	53 252	1 243,833	8 453,066	6,796	6,330
28	20	98 192	25 048,223	463 779,335	18,515	18,049	78	70	50 051	1 113,384	7 209,234	6,475	6,009
29	21	98 111	23 835,637	438 731,112	18,407	17,940	79	71	46 701	989,407	6 095,580	6,161	5,695
30	22	98 026	22 681,099	414 895,475	18,293	17,826	80	72	43 287	873,394	5 106,443	5,847	5,380
31	23	97 939	21 581,736	392 214,376	18,173	17,707	81	73	39 723	763,323	4 233,049	5,546	5,079
32	24	97 844	20 534,128	370 632,640	18,050	17,583	82	74	36 112	660,890	3 469,726	5,250	4,784
33	25	97 749	19 537,269	350 098,512	17,920	17,453	83	75	32 498	566,431	2 808,836	4,959	4,492
34	26	97 656	18 589,267	330 561,243	17,782	17,316	84	76	28 905	479,813	2 242,405	4,674	4,207
35	27	97 551	17 685,033	311 971,976	17,640	17,174	85	77	25 347	400,718	1 762,593	4,399	3,932
36	28	97 441	16 823,967	294 286,943	17,492	17,026	86	78	21 837	328,785	1 361,875	4,142	3,676
37	29	97 327	16 004,052	277 462,976	17,337	16,871	87	79	18 459	264,684	1 033,089	3,903	3,437
38	30	97 204	15 222,677	261 458,924	17,176	16,709	88	80	15 245	208,192	768,405	3,691	3,224
39	31	97 073	14 478,204	246 236,247	17,007	16,541	89	81	12 384	161,067	560,213	3,478	3,012
40	32	96 927	13 768,089	231 758,043	16,833	16,367	90	82	9 836	121,844	399,146	3,276	2,809
41	33	96 762	13 090,054	217 989,954	16,653	16,187	91	83	7 702	90,857	277,302	3,052	2,586
42	34	96 583	12 443,696	204 899,900	16,466	16,000	92	84	5 803	65,196	186,446	2,860	2,393
43	35	96 388	11 827,226	192 456,204	16,272	15,806	93	85	4 206	45,007	121,250	2,694	2,228
44	36	96 162	11 237,572	180 628,978	16,074	15,607	94	86	2 946	30,025	76,243	2,539	2,073
45	37	95 912	10 674,694	169 391,406	15,869	15,402	95	87	1 988	19,298	46,218	2,395	1,929
46	38	95 631	10 136,527	158 716,713	15,658	15,191	96	88	1 281	11,843	26,920	2,273	1,807
47	39	95 311	9 621,568	148 580,186	15,442	14,976	97	89	793	6,985	15,076	2,158	1,692
48	40	94 949	9 128,629	138 958,618	15,222	14,756	98	90	470	3,937	8,091	2,055	1,589
49	41	94 547	8 657,055	129 829,989	14,997	14,531	99	91	267	2,132	4,154	1,948	1,481
							100	92	143	1,086	2,021	1,861	1,394

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	8 212,698	121 651,361	14,813	14,346
1							51	42	93 698	7 781,732	113 438,663	14,578	14,111
2							52	43	93 160	7 368,615	105 656,931	14,339	13,872
3							53	44	92 572	6 973,450	98 288,315	14,095	13,628
4							54	45	91 937	6 595,810	91 314,865	13,844	13,378
5							55	46	91 224	6 233,028	84 719,056	13,592	13,126
6							56	47	90 454	5 886,123	78 486,028	13,334	12,868
7							57	48	89 625	5 554,416	72 599,905	13,071	12,604
8							58	49	88 746	5 238,065	67 045,489	12,800	12,333
9	0	99 469	64 118,371	1 273 459,459	19,861	19,395	59	50	87 778	4 934,177	61 807,424	12,526	12,060
10	1	99 142	60 864,505	1 209 341,088	19,869	19,403	60	51	86 732	4 643,243	56 873,246	12,249	11,782
11	2	99 105	57 944,532	1 148 476,584	19,820	19,354	61	52	85 599	4 364,350	52 230,004	11,967	11,501
12	3	99 079	55 171,007	1 090 532,052	19,766	19,300	62	53	84 402	4 098,408	47 865,654	11,679	11,213
13	4	99 055	52 530,788	1 035 361,045	19,710	19,243	63	54	83 111	3 843,542	43 767,247	11,387	10,921
14	5	99 034	50 018,947	982 830,257	19,649	19,183	64	55	81 758	3 600,931	39 923,705	11,087	10,621
15	6	99 009	47 624,927	932 811,310	19,587	19,120	65	56	80 293	3 368,007	36 322,774	10,785	10,318
16	7	98 981	45 344,378	885 186,383	19,521	19,055	66	57	78 742	3 145,654	32 954,767	10,476	10,010
17	8	98 943	43 168,710	839 842,004	19,455	18,988	67	58	77 110	2 933,763	29 809,113	10,161	9,694
18	9	98 904	41 096,466	796 673,294	19,385	18,919	68	59	75 374	2 731,179	26 875,350	9,840	9,374
19	10	98 842	39 115,257	755 576,828	19,317	18,850	69	60	73 540	2 537,820	24 144,171	9,514	9,047
20	11	98 780	37 229,312	716 461,571	19,245	18,778	70	61	71 557	2 351,793	21 606,351	9,187	8,721
21	12	98 714	35 432,492	679 232,258	19,170	18,703	71	62	69 471	2 174,535	19 254,557	8,855	8,388
22	13	98 650	33 723,616	643 799,766	19,090	18,624	72	63	67 252	2 004,825	17 080,023	8,519	8,053
23	14	98 585	32 096,500	610 076,150	19,008	18,541	73	64	64 860	1 841,449	15 075,198	8,187	7,720
24	15	98 519	30 547,478	577 979,650	18,921	18,454	74	65	62 329	1 685,324	13 233,748	7,852	7,386
25	16	98 449	29 072,134	547 432,172	18,830	18,364	75	66	59 614	1 535,156	11 548,425	7,523	7,056
26	17	98 374	27 666,888	518 360,038	18,736	18,269	76	67	56 776	1 392,441	10 013,268	7,191	6,725
27	18	98 297	26 328,703	490 693,150	18,637	18,171	77	68	53 779	1 256,137	8 620,827	6,863	6,397
28	19	98 213	25 053,611	464 364,447	18,535	18,068	78	69	50 606	1 125,730	7 364,690	6,542	6,076
29	20	98 131	23 840,667	439 310,836	18,427	17,961	79	70	47 266	1 001,372	6 238,960	6,230	5,764
30	21	98 048	22 686,002	415 470,169	18,314	17,848	80	71	43 872	885,205	5 237,588	5,917	5,450
31	22	97 961	21 586,697	392 784,167	18,196	17,729	81	72	40 347	775,321	4 352,383	5,614	5,147
32	23	97 866	20 538,799	371 197,470	18,073	17,607	82	73	36 749	672,549	3 577,062	5,319	4,852
33	24	97 771	19 541,712	350 658,670	17,944	17,478	83	74	33 139	577,592	2 904,513	5,029	4,562
34	25	97 678	18 593,410	331 116,958	17,808	17,342	84	75	29 564	490,747	2 326,921	4,742	4,275
35	26	97 577	17 689,759	312 523,548	17,667	17,201	85	76	26 006	411,140	1 836,174	4,466	4,000
36	27	97 466	16 828,311	294 833,789	17,520	17,054	86	77	22 488	338,589	1 425,034	4,209	3,742
37	28	97 352	16 008,210	278 005,478	17,366	16,900	87	78	19 094	273,790	1 086,445	3,968	3,502
38	29	97 231	15 226,900	261 997,268	17,206	16,740	88	79	15 840	216,315	812,655	3,757	3,290
39	30	97 099	14 482,179	246 770,368	17,040	16,573	89	80	12 945	168,370	596,340	3,542	3,075
40	31	96 959	13 772,580	232 288,190	16,866	16,400	90	81	10 349	128,188	427,971	3,339	2,872
41	32	96 795	13 094,589	218 515,610	16,687	16,221	91	82	8 166	96,335	299,782	3,112	2,645
42	33	96 618	12 448,200	205 421,021	16,502	16,036	92	83	6 206	69,725	203,447	2,918	2,451
43	34	96 427	11 832,028	192 972,822	16,309	15,843	93	84	4 542	48,603	133,722	2,751	2,285
44	35	96 203	11 242,363	181 140,794	16,112	15,646	94	85	3 221	32,825	85,120	2,593	2,127
45	36	95 957	10 679,674	169 898,431	15,909	15,442	95	86	2 201	21,363	52,295	2,448	1,981
46	37	95 681	10 141,869	159 218,757	15,699	15,233	96	87	1 447	13,377	30,931	2,312	1,846
47	38	95 367	9 627,244	149 076,888	15,485	15,018	97	88	907	7,987	17,554	2,198	1,731
48	39	95 016	9 135,053	139 449,644	15,265	14,799	98	89	546	4,577	9,567	2,090	1,624
49	40	94 614	8 663,230	130 314,591	15,042	14,576	99	90	314	2,503	4,990	1,993	1,527
							100	91	173	1,314	2,487	1,893	1,426

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	8 218,556	122 089,000	14,855	14,389
1							51	41	93 776	7 788,204	113 870,443	14,621	14,154
2							52	42	93 248	7 375,592	106 082,240	14,383	13,916
3							53	43	92 670	6 980,819	98 706,647	14,140	13,673
4							54	44	92 041	6 603,277	91 725,829	13,891	13,425
5							55	45	91 348	6 241,470	85 122,552	13,638	13,172
6							56	46	90 595	5 895,266	78 881,082	13,380	12,914
7							57	47	89 781	5 564,072	72 985,817	13,117	12,651
8							58	48	88 911	5 247,789	67 421,744	12,848	12,381
9							59	49	87 962	4 944,522	62 173,955	12,574	12,108
10	0	99 460	61 059,873	1 210 158,992	19,819	19,353	60	50	86 935	4 654,117	57 229,433	12,297	11,830
11	1	99 133	57 961,012	1 149 099,119	19,825	19,359	61	51	85 812	4 375,247	52 575,317	12,017	11,550
12	2	99 095	55 179,903	1 091 138,107	19,774	19,308	62	52	84 636	4 109,795	48 200,069	11,728	11,262
13	3	99 069	52 538,322	1 035 958,204	19,718	19,252	63	53	83 364	3 855,259	44 090,274	11,436	10,970
14	4	99 046	50 024,942	983 419,883	19,659	19,192	64	54	82 019	3 612,440	40 235,015	11,138	10,672
15	5	99 018	47 629,236	933 394,940	19,597	19,131	65	55	80 583	3 380,167	36 622,575	10,835	10,368
16	6	98 989	45 348,014	885 765,704	19,533	19,066	66	56	79 041	3 157,630	33 242,408	10,528	10,061
17	7	98 952	43 172,317	840 417,690	19,467	19,000	67	57	77 429	2 945,919	30 084,777	10,212	9,746
18	8	98 910	41 099,019	797 245,374	19,398	18,932	68	58	75 719	2 743,689	27 138,858	9,891	9,425
19	9	98 849	39 117,741	756 146,354	19,330	18,864	69	59	73 893	2 550,005	24 395,169	9,567	9,100
20	10	98 788	37 232,312	717 028,614	19,258	18,792	70	60	71 950	2 364,723	21 845,164	9,238	8,772
21	11	98 721	35 435,306	679 796,302	19,184	18,718	71	61	69 869	2 186,969	19 480,441	8,908	8,441
22	12	98 658	33 726,201	644 360,995	19,106	18,639	72	62	67 677	2 017,484	17 293,472	8,572	8,105
23	13	98 595	32 099,658	610 634,794	19,023	18,557	73	63	65 296	1 853,812	15 275,988	8,240	7,774
24	14	98 531	30 551,260	578 535,136	18,937	18,470	74	64	62 781	1 697,539	13 422,176	7,907	7,440
25	15	98 462	29 076,075	547 983,876	18,847	18,380	75	65	60 079	1 547,135	11 724,637	7,578	7,112
26	16	98 390	27 671,337	518 907,801	18,753	18,286	76	66	57 246	1 403,982	10 177,502	7,249	6,783
27	17	98 314	26 333,325	491 236,464	18,655	18,188	77	67	54 269	1 267,570	8 773,520	6,922	6,455
28	18	98 235	25 059,084	464 903,138	18,552	18,086	78	68	51 106	1 136,866	7 505,951	6,602	6,136
29	19	98 153	23 845,795	439 844,054	18,445	17,979	79	69	47 790	1 012,476	6 369,085	6,291	5,824
30	20	98 068	22 690,790	415 998,259	18,333	17,867	80	70	44 403	895,910	5 356,608	5,979	5,513
31	21	97 982	21 591,364	393 307,469	18,216	17,750	81	71	40 893	785,806	4 460,699	5,677	5,210
32	22	97 889	20 543,520	371 716,105	18,094	17,628	82	72	37 327	683,121	3 674,893	5,380	4,913
33	23	97 793	19 546,158	351 172,585	17,966	17,500	83	73	33 723	587,781	2 991,772	5,090	4,624
34	24	97 700	18 597,638	331 626,427	17,832	17,365	84	74	30 146	500,417	2 403,991	4,804	4,338
35	25	97 599	17 693,702	313 028,788	17,692	17,225	85	75	26 599	420,509	1 903,574	4,527	4,060
36	26	97 493	16 832,808	295 335,086	17,545	17,079	86	76	23 073	347,394	1 483,065	4,269	3,803
37	27	97 378	16 012,343	278 502,278	17,393	16,927	87	77	19 663	281,954	1 135,670	4,028	3,561
38	28	97 256	15 230,856	262 489,935	17,234	16,768	88	78	16 385	223,757	853,716	3,815	3,349
39	29	97 126	14 486,196	247 259,079	17,069	16,602	89	79	13 450	174,939	629,959	3,601	3,135
40	30	96 985	13 776,360	232 772,883	16,897	16,430	90	80	10 818	134,000	455,021	3,396	2,929
41	31	96 827	13 098,859	218 996,522	16,719	16,252	91	81	8 591	101,351	321,020	3,167	2,701
42	32	96 651	12 452,512	205 897,663	16,535	16,068	92	82	6 580	73,929	219,669	2,971	2,505
43	33	96 462	11 836,310	193 445,151	16,343	15,877	93	83	4 858	51,979	145,740	2,804	2,337
44	34	96 242	11 246,927	181 608,841	16,147	15,681	94	84	3 478	35,448	93,761	2,645	2,179
45	35	95 998	10 684,227	170 361,913	15,945	15,479	95	85	2 406	23,355	58,313	2,497	2,030
46	36	95 726	10 146,600	159 677,686	15,737	15,271	96	86	1 602	14,808	34,958	2,361	1,894
47	37	95 417	9 632,317	149 531,086	15,524	15,057	97	87	1 025	9,022	20,149	2,233	1,767
48	38	95 072	9 140,442	139 898,769	15,305	14,839	98	88	624	5,234	11,128	2,126	1,660
49	39	94 681	8 669,327	130 758,327	15,083	14,616	99	89	364	2,910	5,894	2,025	1,559
							100	90	203	1,542	2,984	1,934	1,468

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	8 224,340	122 489,650	14,894	14,427
1							51	40	93 843	7 793,759	114 265,310	14,661	14,195
2							52	41	93 326	7 381,726	106 471,551	14,424	13,957
3							53	42	92 758	6 987,428	99 089,824	14,181	13,715
4							54	43	92 138	6 610,254	92 102,396	13,933	13,467
5							55	44	91 451	6 248,536	85 492,142	13,682	13,216
6							56	45	90 718	5 903,250	79 243,606	13,424	12,957
7							57	46	89 920	5 572,715	73 340,356	13,161	12,694
8							58	47	89 066	5 256,912	67 767,641	12,891	12,425
9							59	48	88 125	4 953,701	62 510,728	12,619	12,153
10							60	49	87 117	4 663,874	57 557,028	12,341	11,875
11	0	99 451	58 147,060	1 149 855,944	19,775	19,309	61	50	86 013	4 385,494	52 893,154	12,061	11,595
12	1	99 123	55 195,597	1 091 708,884	19,779	19,313	62	51	84 848	4 120,057	48 507,660	11,774	11,307
13	2	99 085	52 546,793	1 036 513,287	19,726	19,259	63	52	83 596	3 865,971	44 387,603	11,482	11,015
14	3	99 060	50 032,116	983 966,494	19,667	19,200	64	53	82 269	3 623,453	40 521,632	11,183	10,717
15	4	99 030	47 634,945	933 934,378	19,606	19,140	65	54	80 840	3 390,971	36 898,179	10,881	10,415
16	5	98 998	45 352,117	886 299,434	19,543	19,076	66	55	79 327	3 169,031	33 507,208	10,573	10,107
17	6	98 960	43 175,778	840 947,317	19,477	19,011	67	56	77 724	2 957,135	30 338,177	10,259	9,793
18	7	98 918	41 102,453	797 771,538	19,409	18,943	68	57	76 033	2 755,058	27 381,042	9,938	9,472
19	8	98 855	39 120,171	756 669,085	19,342	18,876	69	58	74 231	2 561,685	24 625,984	9,613	9,147
20	9	98 795	37 234,676	717 548,915	19,271	18,805	70	59	72 296	2 376,077	22 064,299	9,286	8,820
21	10	98 729	35 438,161	680 314,239	19,197	18,731	71	60	70 253	2 198,993	19 688,222	8,953	8,487
22	11	98 666	33 728,880	644 876,078	19,119	18,653	72	61	68 064	2 029,020	17 489,229	8,620	8,153
23	12	98 602	32 102,119	611 147,198	19,038	18,571	73	62	65 708	1 865,517	15 460,209	8,287	7,821
24	13	98 541	30 554,266	579 045,079	18,951	18,485	74	63	63 202	1 708,935	13 594,692	7,955	7,489
25	14	98 474	29 079,675	548 490,813	18,862	18,395	75	64	60 515	1 558,349	11 885,757	7,627	7,161
26	15	98 404	27 675,089	519 411,138	18,768	18,302	76	65	57 693	1 414,937	10 327,408	7,299	6,832
27	16	98 330	26 337,559	491 736,050	18,671	18,204	77	66	54 718	1 278,075	8 912,471	6,973	6,507
28	17	98 252	25 063,484	465 398,490	18,569	18,102	78	67	51 571	1 147,213	7 634,396	6,655	6,188
29	18	98 174	23 851,005	440 335,006	18,462	17,996	79	68	48 263	1 022,492	6 487,183	6,344	5,878
30	19	98 089	22 695,671	416 484,001	18,351	17,884	80	69	44 895	905,845	5 464,691	6,033	5,566
31	20	98 003	21 595,920	393 788,330	18,234	17,768	81	70	41 387	795,308	4 558,846	5,732	5,266
32	21	97 910	20 547,962	372 192,410	18,113	17,647	82	71	37 832	692,359	3 763,538	5,436	4,969
33	22	97 816	19 550,651	351 644,448	17,986	17,520	83	72	34 253	597,020	3 071,179	5,144	4,678
34	23	97 722	18 601,869	332 093,797	17,853	17,386	84	73	30 678	509,245	2 474,159	4,858	4,392
35	24	97 621	17 697,726	313 491,928	17,714	17,247	85	74	27 123	428,795	1 964,914	4,582	4,116
36	25	97 514	16 836,560	295 794,202	17,569	17,102	86	75	23 599	355,311	1 536,118	4,323	3,857
37	26	97 404	16 016,622	278 957,642	17,417	16,950	87	76	20 174	289,287	1 180,807	4,082	3,615
38	27	97 281	15 234,789	262 941,020	17,259	16,793	88	77	16 873	230,429	891,520	3,869	3,403
39	28	97 152	14 489,960	247 706,232	17,095	16,629	89	78	13 913	180,957	661,092	3,653	3,187
40	29	97 012	13 780,182	233 216,272	16,924	16,458	90	79	11 240	139,228	480,135	3,449	2,982
41	30	96 853	13 102,455	219 436,089	16,748	16,281	91	80	8 981	105,947	340,906	3,218	2,751
42	31	96 683	12 456,574	206 333,634	16,564	16,098	92	81	6 923	77,779	234,960	3,021	2,554
43	32	96 495	11 840,411	193 877,061	16,374	15,908	93	82	5 151	55,113	157,181	2,852	2,386
44	33	96 276	11 250,998	182 036,650	16,180	15,713	94	83	3 720	37,910	102,067	2,692	2,226
45	34	96 037	10 688,565	170 785,652	15,978	15,512	95	84	2 599	25,221	64,157	2,544	2,077
46	35	95 766	10 150,926	160 097,087	15,772	15,305	96	85	1 751	16,189	38,936	2,405	1,939
47	36	95 462	9 636,811	149 946,161	15,560	15,093	97	86	1 134	9,987	22,747	2,278	1,811
48	37	95 122	9 145,259	140 309,350	15,342	14,876	98	87	705	5,912	12,760	2,158	1,692
49	38	94 736	8 674,441	131 164,091	15,121	14,654	99	88	417	3,328	6,848	2,058	1,591
							100	89	236	1,793	3,520	1,963	1,497

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	8 229,192	122 855,950	14,929	14,463
1							51	39	93 909	7 799,244	114 626,759	14,697	14,231
2							52	40	93 392	7 386,992	106 827,515	14,462	13,995
3							53	41	92 835	6 993,240	99 440,523	14,220	13,753
4							54	42	92 226	6 616,513	92 447,283	13,972	13,506
5							55	43	91 548	6 255,138	85 830,770	13,722	13,255
6							56	44	90 820	5 909,933	79 575,632	13,465	12,998
7							57	45	90 042	5 580,263	73 665,699	13,201	12,735
8							58	46	89 204	5 265,078	68 085,436	12,932	12,465
9							59	47	88 278	4 962,312	62 820,358	12,659	12,193
10							60	48	87 279	4 672,532	57 858,046	12,383	11,916
11							61	49	86 194	4 394,688	53 185,514	12,102	11,636
12	0	99 442	55 372,768	1 092 409,364	19,728	19,262	62	50	85 046	4 129,706	48 790,826	11,815	11,348
13	1	99 113	52 561,738	1 037 036,596	19,730	19,263	63	51	83 805	3 875,624	44 661,119	11,524	11,057
14	2	99 076	50 040,183	984 474,858	19,674	19,207	64	52	82 498	3 633,521	40 785,495	11,225	10,758
15	3	99 044	47 641,776	934 434,675	19,614	19,147	65	53	81 087	3 401,308	37 151,975	10,923	10,456
16	4	99 010	45 357,553	886 792,899	19,551	19,085	66	54	79 580	3 179,160	33 750,666	10,616	10,150
17	5	98 969	43 179,684	841 435,346	19,487	19,020	67	55	78 004	2 967,812	30 571,506	10,301	9,835
18	6	98 926	41 105,749	798 255,661	19,420	18,953	68	56	76 323	2 765,547	27 603,694	9,981	9,515
19	7	98 863	39 123,439	757 149,913	19,353	18,886	69	57	74 539	2 572,299	24 838,147	9,656	9,190
20	8	98 801	37 236,989	718 026,474	19,283	18,816	70	58	72 627	2 386,961	22 265,848	9,328	8,862
21	9	98 736	35 440,411	680 789,485	19,209	18,743	71	59	70 590	2 209,551	19 878,887	8,997	8,530
22	10	98 674	33 731,597	645 349,074	19,132	18,665	72	60	68 438	2 040,176	17 669,336	8,661	8,194
23	11	98 610	32 104,669	611 617,477	19,051	18,584	73	61	66 084	1 876,184	15 629,161	8,330	7,864
24	12	98 548	30 556,608	579 512,808	18,965	18,499	74	62	63 602	1 719,726	13 752,976	7,997	7,531
25	13	98 484	29 082,536	548 956,200	18,876	18,409	75	63	60 921	1 568,810	12 033,251	7,670	7,204
26	14	98 416	27 678,515	519 873,664	18,783	18,316	76	64	58 111	1 425,192	10 464,440	7,342	6,876
27	15	98 343	26 341,130	492 195,149	18,685	18,219	77	65	55 145	1 288,048	9 039,248	7,018	6,551
28	16	98 268	25 067,514	465 854,018	18,584	18,118	78	66	51 999	1 156,721	7 751,200	6,701	6,235
29	17	98 191	23 855,193	440 786,504	18,478	18,011	79	67	48 702	1 031,798	6 594,479	6,391	5,925
30	18	98 111	22 700,629	416 931,312	18,367	17,900	80	68	45 339	914,805	5 562,680	6,081	5,614
31	19	98 024	21 600,566	394 230,682	18,251	17,785	81	69	41 846	804,128	4 647,875	5,780	5,314
32	20	97 930	20 552,298	372 630,117	18,131	17,664	82	70	38 289	700,731	3 843,747	5,485	5,019
33	21	97 837	19 554,878	352 077,819	18,005	17,538	83	71	34 716	605,094	3 143,016	5,194	4,728
34	22	97 745	18 606,145	332 522,941	17,872	17,405	84	72	31 160	517,249	2 537,922	4,907	4,440
35	23	97 643	17 701,752	313 916,796	17,734	17,267	85	73	27 602	436,360	2 020,672	4,631	4,164
36	24	97 536	16 840,389	296 215,044	17,590	17,123	86	74	24 064	362,313	1 584,313	4,373	3,906
37	25	97 425	16 020,192	279 374,656	17,439	16,973	87	75	20 634	295,879	1 222,000	4,130	3,664
38	26	97 307	15 238,860	263 354,464	17,282	16,815	88	76	17 312	236,421	926,121	3,917	3,451
39	27	97 177	14 493,701	248 115,604	17,119	16,652	89	77	14 328	186,353	689,699	3,701	3,235
40	28	97 038	13 783,763	233 621,903	16,949	16,483	90	78	11 627	144,018	503,347	3,495	3,029
41	29	96 880	13 106,090	219 838,140	16,774	16,307	91	79	9 331	110,080	359,329	3,264	2,798
42	30	96 709	12 459,993	206 732,050	16,592	16,125	92	80	7 237	81,306	249,248	3,066	2,599
43	31	96 527	11 844,272	194 272,057	16,402	15,936	93	81	5 419	57,983	167,943	2,896	2,430
44	32	96 310	11 254,896	182 427,784	16,209	15,742	94	82	3 944	40,196	109,960	2,736	2,269
45	33	96 072	10 692,433	171 172,888	16,009	15,542	95	83	2 779	26,973	69,763	2,586	2,120
46	34	95 805	10 155,047	160 480,455	15,803	15,337	96	84	1 891	17,483	42,790	2,448	1,981
47	35	95 503	9 640,920	150 325,408	15,592	15,126	97	85	1 240	10,918	25,307	2,318	1,852
48	36	95 167	9 149,526	140 684,489	15,376	14,910	98	86	781	6,544	14,389	2,199	1,732
49	37	94 786	8 679,012	131 534,963	15,156	14,689	99	87	471	3,759	7,845	2,087	1,621
							100	88	270	2,050	4,086	1,993	1,527

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	8 233,528	123 190,709	14,962	14,496
1							51	38	93 964	7 803,845	114 957,181	14,731	14,264
2							52	39	93 458	7 392,190	107 153,336	14,495	14,029
3							53	40	92 901	6 998,228	99 761,146	14,255	13,789
4							54	41	92 302	6 622,016	92 762,918	14,008	13,542
5							55	42	91 635	6 261,061	86 140,902	13,758	13,292
6							56	43	90 916	5 916,178	79 879,841	13,502	13,036
7							57	44	90 144	5 586,580	73 963,663	13,240	12,773
8							58	45	89 325	5 272,209	68 377,082	12,969	12,503
9							59	46	88 415	4 970,020	63 104,874	12,697	12,231
10							60	47	87 431	4 680,655	58 134,853	12,420	11,954
11							61	48	86 354	4 402,846	53 454,198	12,141	11,674
12							62	49	85 225	4 138,364	49 051,352	11,853	11,386
13	0	99 431	52 730,455	1 037 685,112	19,679	19,213	63	50	84 001	3 884,701	44 912,988	11,562	11,095
14	1	99 104	50 054,415	984 954,657	19,678	19,211	64	51	82 704	3 642,593	41 028,288	11,263	10,797
15	2	99 060	47 649,458	934 900,242	19,620	19,154	65	52	81 312	3 410,759	37 385,694	10,961	10,495
16	3	99 024	45 364,057	887 250,784	19,558	19,092	66	53	79 823	3 188,852	33 974,935	10,654	10,188
17	4	98 980	43 184,860	841 886,726	19,495	19,029	67	54	78 254	2 977,298	30 786,083	10,340	9,874
18	5	98 935	41 109,468	798 701,866	19,429	18,962	68	55	76 598	2 775,532	27 808,785	10,019	9,553
19	6	98 871	39 126,576	757 592,399	19,363	18,896	69	56	74 823	2 582,093	25 033,253	9,695	9,229
20	7	98 809	37 240,100	718 465,823	19,293	18,826	70	57	72 928	2 396,851	22 451,160	9,367	8,901
21	8	98 742	35 442,613	681 225,723	19,221	18,754	71	58	70 914	2 219,671	20 054,309	9,035	8,568
22	9	98 680	33 733,739	645 783,110	19,144	18,677	72	59	68 767	2 049,971	17 834,638	8,700	8,234
23	10	98 618	32 107,255	612 049,371	19,063	18,596	73	60	66 447	1 886,499	15 784,667	8,367	7,901
24	11	98 556	30 559,035	579 942,116	18,978	18,511	74	61	63 965	1 729,559	13 898,167	8,036	7,569
25	12	98 491	29 084,766	549 383,081	18,889	18,423	75	62	61 306	1 578,717	12 168,608	7,708	7,242
26	13	98 425	27 681,238	520 298,316	18,796	18,330	76	63	58 501	1 434,760	10 589,891	7,381	6,915
27	14	98 356	26 344,392	492 617,078	18,699	18,233	77	64	55 545	1 297,384	9 155,131	7,057	6,590
28	15	98 281	25 070,913	466 272,686	18,598	18,132	78	65	52 405	1 165,747	7 857,748	6,741	6,274
29	16	98 207	23 859,028	441 201,773	18,492	18,026	79	66	49 106	1 040,350	6 692,000	6,432	5,966
30	17	98 128	22 704,615	417 342,745	18,381	17,915	80	67	45 752	923,132	5 651,651	6,122	5,656
31	18	98 046	21 605,285	394 638,130	18,266	17,799	81	68	42 260	812,082	4 728,519	5,823	5,356
32	19	97 952	20 556,719	373 032,845	18,147	17,680	82	69	38 714	708,502	3 916,437	5,528	5,061
33	20	97 857	19 559,004	352 476,126	18,021	17,555	83	70	35 136	612,411	3 207,935	5,238	4,772
34	21	97 766	18 610,167	332 917,122	17,889	17,423	84	71	31 582	524,244	2 595,524	4,951	4,485
35	22	97 666	17 705,821	314 306,955	17,752	17,285	85	72	28 036	443,219	2 071,279	4,673	4,207
36	23	97 559	16 844,220	296 601,134	17,608	17,142	86	73	24 488	368,704	1 628,061	4,416	3,949
37	24	97 447	16 023,835	279 756,914	17,459	16,992	87	74	21 041	301,709	1 259,356	4,174	3,708
38	25	97 329	15 242,257	263 733,079	17,303	16,836	88	75	17 706	241,809	957,647	3,960	3,494
39	26	97 203	14 497,574	248 490,822	17,140	16,674	89	76	14 701	191,199	715,838	3,744	3,278
40	27	97 063	13 787,322	233 993,248	16,972	16,505	90	77	11 973	148,312	524,639	3,537	3,071
41	28	96 905	13 109,495	220 205,927	16,797	16,331	91	78	9 652	113,867	376,326	3,305	2,839
42	29	96 736	12 463,450	207 096,431	16,616	16,150	92	79	7 519	84,478	262,459	3,107	2,640
43	30	96 553	11 847,524	194 632,981	16,428	15,962	93	80	5 665	60,612	177,981	2,936	2,470
44	31	96 341	11 258,566	182 785,457	16,235	15,769	94	81	4 150	42,289	117,369	2,775	2,309
45	32	96 105	10 696,138	171 526,891	16,036	15,570	95	82	2 947	28,600	75,080	2,625	2,159
46	33	95 840	10 158,722	160 830,753	15,832	15,365	96	83	2 023	18,697	46,480	2,486	2,020
47	34	95 541	9 644,834	150 672,031	15,622	15,156	97	84	1 339	11,790	27,783	2,356	1,890
48	35	95 207	9 153,426	141 027,197	15,407	14,941	98	85	853	7,154	15,992	2,235	1,769
49	36	94 831	8 683,062	131 873,771	15,187	14,721	99	86	521	4,161	8,838	2,124	1,658
							100	87	305	2,316	4,677	2,020	1,553



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	8 237,369	123 496,494	14,992	14,526
1							51	37	94 014	7 807,957	115 259,125	14,762	14,295
2							52	38	93 513	7 396,551	107 451,168	14,527	14,061
3							53	39	92 966	7 003,153	100 054,616	14,287	13,821
4							54	40	92 368	6 626,740	93 051,464	14,042	13,575
5							55	41	91 711	6 266,268	86 424,724	13,792	13,326
6							56	42	91 002	5 921,780	80 158,456	13,536	13,070
7							57	43	90 239	5 592,483	74 236,676	13,274	12,808
8							58	44	89 426	5 278,178	68 644,193	13,005	12,539
9							59	45	88 535	4 976,752	63 366,015	12,732	12,266
10							60	46	87 567	4 687,925	58 389,264	12,455	11,989
11							61	47	86 504	4 410,500	53 701,338	12,176	11,709
12							62	48	85 383	4 146,047	49 290,838	11,889	11,422
13							63	49	84 177	3 892,845	45 144,791	11,597	11,130
14	0	99 422	50 215,084	985 555,258	19,627	19,160	64	50	82 898	3 651,124	41 251,947	11,298	10,832
15	1	99 088	47 663,010	935 340,173	19,624	19,158	65	51	81 515	3 419,276	37 600,822	10,997	10,530
16	2	99 040	45 371,372	887 677,163	19,565	19,098	66	52	80 045	3 197,712	34 181,547	10,689	10,223
17	3	98 995	43 191,053	842 305,792	19,502	19,035	67	53	78 492	2 986,374	30 983,834	10,375	9,909
18	4	98 947	41 114,395	799 114,739	19,436	18,970	68	54	76 843	2 784,404	27 997,460	10,055	9,589
19	5	98 880	39 130,116	758 000,344	19,371	18,905	69	55	75 093	2 591,416	25 213,057	9,729	9,263
20	6	98 817	37 243,086	718 870,228	19,302	18,836	70	56	73 205	2 405,977	22 621,641	9,402	8,936
21	7	98 750	35 445,574	681 627,142	19,230	18,764	71	57	71 207	2 228,868	20 215,664	9,070	8,604
22	8	98 686	33 735,834	646 181,568	19,154	18,688	72	58	69 082	2 059,361	17 986,796	8,734	8,268
23	9	98 624	32 109,294	612 445,734	19,074	18,607	73	59	66 766	1 895,557	15 927,435	8,403	7,936
24	10	98 564	30 561,497	580 336,440	18,989	18,523	74	60	64 317	1 739,068	14 031,878	8,069	7,602
25	11	98 499	29 087,076	549 774,943	18,901	18,435	75	61	61 656	1 587,744	12 292,810	7,742	7,276
26	12	98 433	27 683,360	520 687,867	18,809	18,342	76	62	58 871	1 443,820	10 705,066	7,414	6,948
27	13	98 365	26 346,983	493 004,507	18,712	18,246	77	63	55 918	1 306,093	9 261,246	7,091	6,624
28	14	98 293	25 074,017	466 657,524	18,611	18,145	78	64	52 784	1 174,196	7 955,153	6,775	6,309
29	15	98 220	23 862,263	441 583,507	18,506	18,039	79	65	49 489	1 048,467	6 780,956	6,467	6,001
30	16	98 144	22 708,265	417 721,244	18,395	17,929	80	66	46 131	930,782	5 732,489	6,159	5,692
31	17	98 063	21 609,078	395 012,979	18,280	17,814	81	67	42 645	819,474	4 801,707	5,860	5,393
32	18	97 973	20 561,210	373 403,900	18,161	17,694	82	68	39 097	715,510	3 982,233	5,566	5,099
33	19	97 878	19 563,211	352 842,690	18,036	17,570	83	69	35 526	619,203	3 266,723	5,276	4,809
34	20	97 786	18 614,095	333 279,479	17,905	17,438	84	70	31 964	530,584	2 647,520	4,990	4,523
35	21	97 687	17 709,649	314 665,384	17,768	17,302	85	71	28 415	449,213	2 116,936	4,713	4,246
36	22	97 581	16 848,092	296 955,735	17,625	17,159	86	72	24 873	374,500	1 667,724	4,453	3,987
37	23	97 470	16 027,481	280 107,644	17,477	17,010	87	73	21 412	307,032	1 293,224	4,212	3,746
38	24	97 351	15 245,723	264 080,163	17,322	16,855	88	74	18 055	246,574	986,192	4,000	3,533
39	25	97 224	14 500,806	248 834,441	17,160	16,694	89	75	15 036	195,556	739,618	3,782	3,316
40	26	97 089	13 791,006	234 333,635	16,992	16,525	90	76	12 285	152,170	544,062	3,575	3,109
41	27	96 930	13 112,880	220 542,629	16,819	16,352	91	77	9 940	117,262	391,892	3,342	2,876
42	28	96 761	12 466,688	207 429,749	16,639	16,172	92	78	7 778	87,384	274,630	3,143	2,676
43	29	96 580	11 850,811	194 963,061	16,451	15,985	93	79	5 886	62,977	187,246	2,973	2,507
44	30	96 368	11 261,657	183 112,250	16,260	15,793	94	80	4 338	44,207	124,269	2,811	2,345
45	31	96 136	10 699,626	171 850,593	16,061	15,595	95	81	3 100	30,089	80,062	2,661	2,194
46	32	95 873	10 162,242	161 150,967	15,858	15,391	96	82	2 145	19,825	49,973	2,521	2,054
47	33	95 576	9 648,325	150 988,725	15,649	15,183	97	83	1 432	12,610	30,148	2,391	1,924
48	34	95 246	9 157,143	141 340,400	15,435	14,969	98	84	922	7,726	17,539	2,270	1,804
49	35	94 871	8 686,763	132 183,258	15,217	14,750	99	85	570	4,549	9,813	2,157	1,691
							100	86	337	2,564	5,264	2,053	1,587

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	8 240,881	123 775,794	15,020	14,553
1							51	36	94 058	7 811,600	115 534,913	14,790	14,324
2							52	37	93 562	7 400,449	107 723,312	14,556	14,090
3							53	38	93 021	7 007,284	100 322,864	14,317	13,851
4							54	39	92 433	6 631,403	93 315,579	14,072	13,605
5							55	40	91 776	6 270,738	86 684,176	13,824	13,357
6							56	41	91 078	5 926,705	80 413,439	13,568	13,102
7							57	42	90 325	5 597,779	74 486,734	13,306	12,840
8							58	43	89 520	5 283,755	68 888,955	13,038	12,571
9							59	44	88 635	4 982,386	63 605,200	12,766	12,300
10							60	45	87 685	4 694,275	58 622,814	12,488	12,022
11							61	46	86 638	4 417,351	53 928,540	12,208	11,742
12							62	47	85 531	4 153,254	49 511,188	11,921	11,455
13							63	48	84 333	3 900,071	45 357,934	11,630	11,164
14							64	49	83 071	3 658,779	41 457,863	11,331	10,865
15	0	99 406	47 816,003	935 896,575	19,573	19,106	65	50	81 706	3 427,283	37 799,084	11,029	10,562
16	1	99 068	45 384,276	888 080,572	19,568	19,102	66	51	80 245	3 205,697	34 371,801	10,722	10,256
17	2	99 011	43 198,017	842 696,296	19,508	19,041	67	52	78 710	2 994,672	31 166,104	10,407	9,941
18	3	98 961	41 120,291	799 498,279	19,443	18,977	68	53	77 077	2 792,892	28 171,432	10,087	9,620
19	4	98 892	39 134,806	758 377,988	19,379	18,912	69	54	75 333	2 599,699	25 378,540	9,762	9,296
20	5	98 826	37 246,455	719 243,182	19,310	18,844	70	55	73 470	2 414,663	22 778,842	9,434	8,967
21	6	98 758	35 448,416	681 996,727	19,239	18,773	71	56	71 478	2 237,354	20 364,178	9,102	8,635
22	7	98 694	33 738,653	646 548,310	19,163	18,697	72	57	69 368	2 067,894	18 126,824	8,766	8,299
23	8	98 631	32 111,288	612 809,658	19,084	18,618	73	58	67 072	1 904,240	16 058,930	8,433	7,967
24	9	98 570	30 563,437	580 698,370	19,000	18,533	74	59	64 626	1 747,418	14 154,690	8,100	7,634
25	10	98 507	29 089,419	550 134,932	18,912	18,445	75	60	61 995	1 596,473	12 407,272	7,772	7,305
26	11	98 441	27 685,559	521 045,513	18,820	18,354	76	61	59 207	1 452,076	10 810,799	7,445	6,979
27	12	98 373	26 349,003	493 359,954	18,724	18,258	77	62	56 271	1 314,341	9 358,724	7,120	6,654
28	13	98 303	25 076,483	467 010,951	18,623	18,157	78	63	53 139	1 182,079	8 044,383	6,805	6,339
29	14	98 232	23 865,218	441 934,468	18,518	18,052	79	64	49 848	1 056,066	6 862,304	6,498	6,032
30	15	98 157	22 711,344	418 069,250	18,408	17,942	80	65	46 491	938,045	5 806,237	6,190	5,723
31	16	98 079	21 612,553	395 357,906	18,293	17,827	81	66	42 998	826,265	4 868,192	5,892	5,425
32	17	97 990	20 564,820	373 745,353	18,174	17,708	82	67	39 452	722,023	4 041,927	5,598	5,132
33	18	97 900	19 567,486	353 180,533	18,049	17,583	83	68	35 877	625,328	3 319,904	5,309	4,843
34	19	97 807	18 618,099	333 613,047	17,919	17,452	84	69	32 318	536,468	2 694,576	5,023	4,556
35	20	97 707	17 713,386	314 994,949	17,783	17,316	85	70	28 758	454,645	2 158,108	4,747	4,280
36	21	97 602	16 851,734	297 281,563	17,641	17,175	86	71	25 210	379,564	1 703,464	4,488	4,022
37	22	97 492	16 031,164	280 429,829	17,493	17,026	87	72	21 748	311,858	1 323,900	4,245	3,779
38	23	97 373	15 249,191	264 398,664	17,339	16,872	88	73	18 374	250,924	1 012,042	4,033	3,567
39	24	97 246	14 504,103	249 149,473	17,178	16,711	89	74	15 332	199,410	761,118	3,817	3,350
40	25	97 110	13 794,080	234 645,370	17,011	16,544	90	75	12 565	155,637	561,708	3,609	3,143
41	26	96 956	13 116,384	220 851,290	16,838	16,371	91	76	10 198	120,312	406,071	3,375	2,909
42	27	96 786	12 469,907	207 734,906	16,659	16,192	92	77	8 010	89,990	285,758	3,175	2,709
43	28	96 605	11 853,890	195 264,999	16,473	16,006	93	78	6 088	65,144	195,769	3,005	2,539
44	29	96 394	11 264,781	183 411,109	16,282	15,815	94	79	4 507	45,932	130,625	2,844	2,378
45	30	96 163	10 702,563	172 146,328	16,085	15,618	95	80	3 241	31,453	84,694	2,693	2,226
46	31	95 904	10 165,556	161 443,764	15,881	15,415	96	81	2 256	20,857	53,241	2,553	2,086
47	32	95 609	9 651,667	151 278,208	15,674	15,207	97	82	1 519	13,370	32,384	2,422	1,956
48	33	95 280	9 160,457	141 626,541	15,461	14,994	98	83	986	8,263	19,014	2,301	1,835
49	34	94 910	8 690,290	132 466,084	15,243	14,777	99	84	615	4,912	10,751	2,189	1,722
							100	85	369	2,803	5,839	2,083	1,617

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	8 244,227	124 031,020	15,045	14,578
1							51	35	94 098	7 814,931	115 786,793	14,816	14,350
2							52	36	93 606	7 403,901	107 971,863	14,583	14,117
3							53	37	93 070	7 010,977	100 567,961	14,344	13,878
4							54	38	92 488	6 635,315	93 556,985	14,100	13,633
5							55	39	91 841	6 275,151	86 921,669	13,852	13,385
6							56	40	91 143	5 930,932	80 646,519	13,598	13,131
7							57	41	90 400	5 602,434	74 715,586	13,336	12,870
8							58	42	89 605	5 288,758	69 113,152	13,068	12,602
9							59	43	88 729	4 987,651	63 824,395	12,796	12,330
10							60	44	87 784	4 699,589	58 836,744	12,520	12,053
11							61	45	86 755	4 423,334	54 137,155	12,239	11,773
12							62	46	85 664	4 159,705	49 713,821	11,951	11,485
13							63	47	84 480	3 906,851	45 554,115	11,660	11,194
14							64	48	83 226	3 665,571	41 647,264	11,362	10,895
15							65	49	81 877	3 434,469	37 981,693	11,059	10,593
16	0	99 386	45 529,954	888 596,200	19,517	19,050	66	50	80 433	3 213,205	34 547,224	10,752	10,285
17	1	99 039	43 210,303	843 066,245	19,511	19,044	67	51	78 907	3 002,150	31 334,020	10,437	9,971
18	2	98 977	41 126,921	799 855,942	19,448	18,982	68	52	77 291	2 800,652	28 331,870	10,116	9,650
19	3	98 906	39 140,418	758 729,020	19,385	18,918	69	53	75 563	2 607,624	25 531,218	9,791	9,325
20	4	98 838	37 250,919	719 588,602	19,317	18,851	70	54	73 704	2 422,381	22 923,595	9,463	8,997
21	5	98 767	35 451,623	682 337,683	19,247	18,781	71	55	71 737	2 245,432	20 501,213	9,130	8,664
22	6	98 702	33 741,358	646 886,060	19,172	18,706	72	56	69 632	2 075,767	18 255,781	8,795	8,328
23	7	98 639	32 113,971	613 144,702	19,093	18,626	73	57	67 350	1 912,130	16 180,014	8,462	7,995
24	8	98 576	30 565,336	581 030,731	19,009	18,543	74	58	64 922	1 755,422	14 267,884	8,128	7,661
25	9	98 513	29 091,266	550 465,395	18,922	18,456	75	59	62 293	1 604,138	12 512,462	7,800	7,334
26	10	98 449	27 687,789	521 374,129	18,830	18,364	76	60	59 533	1 460,059	10 908,324	7,471	7,005
27	11	98 381	26 351,096	493 686,339	18,735	18,269	77	61	56 593	1 321,856	9 448,265	7,148	6,681
28	12	98 311	25 078,406	467 335,243	18,635	18,169	78	62	53 474	1 189,543	8 126,409	6,832	6,365
29	13	98 242	23 867,566	442 256,838	18,530	18,063	79	63	50 182	1 063,156	6 936,866	6,525	6,058
30	14	98 169	22 714,156	418 389,272	18,420	17,953	80	64	46 828	944,844	5 873,709	6,217	5,750
31	15	98 092	21 615,483	395 675,116	18,305	17,839	81	65	43 334	832,712	4 928,865	5,919	5,453
32	16	98 006	20 568,127	374 059,633	18,186	17,720	82	66	39 779	728,007	4 096,153	5,627	5,160
33	17	97 917	19 570,921	353 491,506	18,062	17,596	83	67	36 204	631,019	3 368,146	5,338	4,871
34	18	97 829	18 622,167	333 920,585	17,931	17,465	84	68	32 638	541,775	2 737,127	5,052	4,586
35	19	97 728	17 717,196	315 298,419	17,796	17,330	85	69	29 077	459,686	2 195,352	4,776	4,309
36	20	97 623	16 855,290	297 581,223	17,655	17,189	86	70	25 514	384,154	1 735,666	4,518	4,052
37	21	97 513	16 034,630	280 725,932	17,507	17,041	87	71	22 042	316,075	1 351,511	4,276	3,810
38	22	97 396	15 252,696	264 691,302	17,354	16,887	88	72	18 663	254,868	1 035,436	4,063	3,596
39	23	97 269	14 507,403	249 438,606	17,194	16,727	89	73	15 602	202,928	780,568	3,847	3,380
40	24	97 132	13 797,217	234 931,203	17,027	16,561	90	74	12 812	158,704	577,640	3,640	3,173
41	25	96 978	13 119,308	221 133,986	16,856	16,389	91	75	10 431	123,054	418,936	3,404	2,938
42	26	96 812	12 473,239	208 014,678	16,677	16,210	92	76	8 218	92,330	295,882	3,205	2,738
43	27	96 630	11 856,950	195 541,439	16,492	16,025	93	77	6 270	67,086	203,552	3,034	2,568
44	28	96 419	11 267,708	183 684,489	16,302	15,835	94	78	4 662	47,512	136,466	2,872	2,406
45	29	96 189	10 705,532	172 416,781	16,105	15,639	95	79	3 367	32,680	88,955	2,722	2,256
46	30	95 931	10 168,347	161 711,248	15,903	15,437	96	80	2 359	21,803	56,274	2,581	2,115
47	31	95 640	9 654,815	151 542,901	15,696	15,230	97	81	1 598	14,066	34,472	2,451	1,984
48	32	95 313	9 163,630	141 888,086	15,484	15,017	98	82	1 045	8,761	20,406	2,329	1,863
49	33	94 944	8 693,435	132 724,456	15,267	14,801	99	83	658	5,254	11,645	2,217	1,750
							100	84	398	3,027	6,391	2,112	1,645

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	8 247,211	124 264,161	15,067	14,601
1							51	34	94 136	7 818,103	116 016,950	14,840	14,373
2							52	35	93 646	7 407,058	108 198,847	14,608	14,141
3							53	36	93 114	7 014,248	100 791,789	14,370	13,903
4							54	37	92 536	6 638,812	93 777,541	14,126	13,659
5							55	38	91 895	6 278,853	87 138,729	13,878	13,412
6							56	39	91 207	5 935,106	80 859,877	13,624	13,158
7							57	40	90 464	5 606,430	74 924,771	13,364	12,898
8							58	41	89 680	5 293,156	69 318,340	13,096	12,629
9							59	42	88 813	4 992,373	64 025,184	12,825	12,358
10							60	43	87 877	4 704,555	59 032,811	12,548	12,082
11							61	44	86 854	4 428,342	54 328,256	12,268	11,802
12							62	45	85 780	4 165,339	49 899,914	11,980	11,513
13							63	46	84 611	3 912,920	45 734,575	11,688	11,222
14							64	47	83 370	3 671,943	41 821,655	11,390	10,923
15							65	48	82 029	3 440,844	38 149,712	11,087	10,621
16							66	49	80 601	3 219,941	34 708,867	10,779	10,313
17	0	99 357	43 349,003	843 544,238	19,459	18,993	67	50	79 092	3 009,180	31 488,926	10,464	9,998
18	1	99 005	41 138,618	800 195,234	19,451	18,985	68	51	77 484	2 807,645	28 479,746	10,144	9,677
19	2	98 922	39 146,729	759 056,616	19,390	18,924	69	52	75 772	2 614,869	25 672,101	9,818	9,351
20	3	98 852	37 256,261	719 909,887	19,323	18,857	70	53	73 929	2 429,766	23 057,232	9,489	9,023
21	4	98 779	35 455,872	682 653,625	19,254	18,787	71	54	71 966	2 252,610	20 627,466	9,157	8,691
22	5	98 711	33 744,411	647 197,753	19,179	18,713	72	55	69 883	2 083,261	18 374,856	8,820	8,354
23	6	98 647	32 116,546	613 453,342	19,101	18,634	73	56	67 606	1 919,410	16 291,595	8,488	8,021
24	7	98 584	30 567,890	581 336,796	19,018	18,551	74	57	65 191	1 762,696	14 372,185	8,154	7,687
25	8	98 519	29 093,073	550 768,907	18,931	18,465	75	58	62 578	1 611,486	12 609,489	7,825	7,358
26	9	98 455	27 689,547	521 675,834	18,840	18,374	76	59	59 819	1 467,069	10 998,004	7,497	7,030
27	10	98 389	26 353,219	493 986,286	18,745	18,278	77	60	56 904	1 329,123	9 530,934	7,171	6,704
28	11	98 318	25 080,398	467 633,067	18,645	18,179	78	61	53 780	1 196,345	8 201,811	6,856	6,389
29	12	98 250	23 869,395	442 552,670	18,541	18,074	79	62	50 499	1 069,869	7 005,466	6,548	6,082
30	13	98 179	22 716,391	418 683,274	18,431	17,964	80	63	47 142	951,187	5 935,596	6,240	5,774
31	14	98 104	21 618,159	395 966,884	18,316	17,850	81	64	43 648	838,748	4 984,409	5,943	5,476
32	15	98 019	20 570,915	374 348,725	18,198	17,732	82	65	40 090	733,687	4 145,661	5,650	5,184
33	16	97 933	19 574,068	353 777,809	18,074	17,607	83	66	36 504	636,249	3 411,974	5,363	4,896
34	17	97 846	18 625,436	334 203,741	17,943	17,477	84	67	32 935	546,706	2 775,724	5,077	4,611
35	18	97 750	17 721,067	315 578,305	17,808	17,342	85	68	29 365	464,234	2 229,019	4,802	4,335
36	19	97 644	16 858,916	297 857,238	17,668	17,201	86	69	25 797	388,414	1 764,785	4,544	4,077
37	20	97 534	16 038,014	280 998,323	17,521	17,054	87	70	22 309	319,898	1 376,371	4,303	3,836
38	21	97 417	15 255,994	264 960,308	17,368	16,901	88	71	18 915	258,315	1 056,473	4,090	3,623
39	22	97 291	14 510,738	249 704,315	17,208	16,742	89	72	15 848	206,117	798,159	3,872	3,406
40	23	97 154	13 800,356	235 193,577	17,043	16,576	90	73	13 038	161,504	592,041	3,666	3,199
41	24	97 000	13 122,291	221 393,221	16,872	16,405	91	74	10 636	125,479	430,538	3,431	2,965
42	25	96 834	12 476,019	208 270,930	16,694	16,227	92	75	8 405	94,434	305,059	3,230	2,764
43	26	96 656	11 860,119	195 794,911	16,509	16,042	93	76	6 433	68,831	210,625	3,060	2,594
44	27	96 444	11 270,617	183 934,792	16,320	15,853	94	77	4 801	48,928	141,794	2,898	2,432
45	28	96 214	10 708,314	172 664,175	16,124	15,658	95	78	3 483	33,805	92,866	2,747	2,281
46	29	95 957	10 171,168	161 955,861	15,923	15,457	96	79	2 451	22,653	59,061	2,607	2,141
47	30	95 667	9 657,465	151 784,693	15,717	15,250	97	80	1 670	14,704	36,408	2,476	2,010
48	31	95 344	9 166,619	142 127,227	15,505	15,038	98	81	1 099	9,217	21,704	2,355	1,888
49	32	94 977	8 696,447	132 960,608	15,289	14,823	99	82	698	5,570	12,487	2,242	1,775
							100	83	426	3,237	6,917	2,137	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	8 250,068	124 477,237	15,088	14,622
1							51	33	94 170	7 820,933	116 227,169	14,861	14,395
2							52	34	93 684	7 410,065	108 406,236	14,630	14,163
3							53	35	93 153	7 017,238	100 996,171	14,393	13,926
4							54	36	92 580	6 641,909	93 978,932	14,149	13,683
5							55	37	91 943	6 282,161	87 337,023	13,902	13,436
6							56	38	91 261	5 938,607	81 054,862	13,649	13,182
7							57	39	90 528	5 610,376	75 116,255	13,389	12,922
8							58	40	89 744	5 296,932	69 505,879	13,122	12,656
9							59	41	88 887	4 996,525	64 208,947	12,851	12,384
10							60	42	87 960	4 709,010	59 212,422	12,574	12,108
11							61	43	86 945	4 433,021	54 503,412	12,295	11,828
12							62	44	85 877	4 170,055	50 070,391	12,007	11,541
13							63	45	84 726	3 918,220	45 900,336	11,715	11,248
14							64	46	83 500	3 677,647	41 982,116	11,415	10,949
15							65	47	82 172	3 446,826	38 304,470	11,113	10,647
16							66	48	80 751	3 225,918	34 857,644	10,805	10,339
17							67	49	79 258	3 015,489	31 631,725	10,490	10,023
18	0	99 323	41 270,669	800 638,482	19,400	18,933	68	50	77 666	2 814,220	28 616,236	10,168	9,702
19	1	98 950	39 157,863	759 367,813	19,392	18,926	69	51	75 962	2 621,398	25 802,016	9,843	9,376
20	2	98 868	37 262,269	720 209,950	19,328	18,862	70	52	74 135	2 436,517	23 180,617	9,514	9,047
21	3	98 793	35 460,957	682 947,681	19,259	18,793	71	53	72 185	2 259,477	20 744,100	9,181	8,715
22	4	98 723	33 748,455	647 486,724	19,186	18,719	72	54	70 107	2 089,920	18 484,624	8,845	8,378
23	5	98 656	32 119,452	613 738,269	19,108	18,642	73	55	67 850	1 926,340	16 394,703	8,511	8,044
24	6	98 592	30 570,341	581 618,817	19,026	18,559	74	56	65 439	1 769,407	14 468,363	8,177	7,711
25	7	98 528	29 095,504	551 048,477	18,939	18,473	75	57	62 838	1 618,163	12 698,957	7,848	7,381
26	8	98 461	27 691,267	521 952,973	18,849	18,383	76	58	60 093	1 473,789	11 080,794	7,519	7,052
27	9	98 395	26 354,892	494 261,706	18,754	18,288	77	59	57 177	1 335,505	9 607,005	7,194	6,727
28	10	98 326	25 082,418	467 906,814	18,655	18,188	78	60	54 076	1 202,923	8 271,500	6,876	6,410
29	11	98 257	23 871,291	442 824,395	18,551	18,084	79	61	50 788	1 075,987	7 068,577	6,569	6,103
30	12	98 186	22 718,132	418 953,104	18,441	17,975	80	62	47 440	957,193	5 992,590	6,261	5,794
31	13	98 114	21 620,286	396 234,972	18,327	17,861	81	63	43 941	844,379	5 035,397	5,963	5,497
32	14	98 031	20 573,462	374 614,686	18,209	17,742	82	64	40 380	739,005	4 191,018	5,671	5,205
33	15	97 946	19 576,722	354 041,224	18,085	17,618	83	65	36 789	641,214	3 452,013	5,384	4,917
34	16	97 862	18 628,431	334 464,502	17,955	17,488	84	66	33 208	551,237	2 810,799	5,099	4,633
35	17	97 767	17 724,178	315 836,071	17,820	17,353	85	67	29 632	468,459	2 259,562	4,823	4,357
36	18	97 665	16 862,599	298 111,893	17,679	17,212	86	68	26 053	392,256	1 791,103	4,566	4,100
37	19	97 555	16 041,464	281 249,294	17,533	17,066	87	69	22 556	323,445	1 398,847	4,325	3,858
38	20	97 437	15 259,213	265 207,830	17,380	16,914	88	70	19 144	261,438	1 075,402	4,113	3,647
39	21	97 312	14 513,875	249 948,617	17,221	16,755	89	71	16 062	208,905	813,964	3,896	3,430
40	22	97 177	13 803,528	235 434,742	17,056	16,590	90	72	13 243	164,043	605,059	3,688	3,222
41	23	97 022	13 125,277	221 631,214	16,886	16,419	91	73	10 824	127,692	441,016	3,454	2,987
42	24	96 856	12 478,856	208 505,938	16,709	16,242	92	74	8 571	96,295	313,324	3,254	2,787
43	25	96 678	11 862,762	196 027,081	16,525	16,058	93	75	6 579	70,399	217,029	3,083	2,616
44	26	96 470	11 273,629	184 164,319	16,336	15,869	94	76	4 926	50,201	146,630	2,921	2,454
45	27	96 239	10 711,079	172 890,690	16,141	15,675	95	77	3 587	34,813	96,429	2,770	2,304
46	28	95 982	10 173,810	162 179,611	15,941	15,474	96	78	2 535	23,433	61,617	2,630	2,163
47	29	95 693	9 660,145	152 005,800	15,735	15,269	97	79	1 735	15,278	38,184	2,499	2,033
48	30	95 371	9 169,135	142 345,656	15,524	15,058	98	80	1 149	9,635	22,906	2,377	1,911
49	31	95 008	8 699,283	133 176,520	15,309	14,843	99	81	734	5,860	13,271	2,265	1,798
							100	82	451	3,432	7,411	2,159	1,693

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	8 252,759	124 672,031	15,107	14,640
1							51	32	94 203	7 823,642	116 419,273	14,880	14,414
2							52	33	93 718	7 412,747	108 595,630	14,650	14,183
3							53	34	93 191	7 020,087	101 182,883	14,413	13,947
4							54	35	92 619	6 644,741	94 162,796	14,171	13,705
5							55	36	91 986	6 285,092	87 518,055	13,925	13,458
6							56	37	91 309	5 941,737	81 232,963	13,672	13,205
7							57	38	90 581	5 613,686	75 291,226	13,412	12,946
8							58	39	89 807	5 300,660	69 677,540	13,145	12,679
9							59	40	88 950	5 000,089	64 376,881	12,875	12,409
10							60	41	88 034	4 712,926	59 376,792	12,599	12,132
11							61	42	87 028	4 437,218	54 663,866	12,319	11,853
12							62	43	85 968	4 174,461	50 226,648	12,032	11,565
13							63	44	84 822	3 922,655	46 052,186	11,740	11,274
14							64	45	83 613	3 682,628	42 129,531	11,440	10,974
15							65	46	82 300	3 452,180	38 446,903	11,137	10,671
16							66	47	80 891	3 231,526	34 994,723	10,829	10,363
17							67	48	79 405	3 021,087	31 763,196	10,514	10,047
18							68	49	77 829	2 820,120	28 742,109	10,192	9,725
19	0	99 268	39 283,555	759 778,947	19,341	18,874	69	50	76 140	2 627,538	25 921,989	9,866	9,399
20	1	98 896	37 272,867	720 495,392	19,330	18,864	70	51	74 320	2 442,601	23 294,451	9,537	9,070
21	2	98 809	35 466,675	683 222,525	19,264	18,797	71	52	72 386	2 265,755	20 851,850	9,203	8,737
22	3	98 737	33 753,295	647 755,850	19,191	18,724	72	53	70 320	2 096,291	18 586,096	8,866	8,400
23	4	98 667	32 123,301	614 002,555	19,114	18,648	73	54	68 067	1 932,497	16 489,804	8,533	8,066
24	5	98 601	30 573,106	581 879,254	19,032	18,566	74	55	65 675	1 775,795	14 557,307	8,198	7,731
25	6	98 536	29 097,837	551 306,148	18,947	18,480	75	56	63 077	1 624,324	12 781,512	7,869	7,402
26	7	98 469	27 693,581	522 208,311	18,857	18,390	76	57	60 342	1 479,896	11 157,188	7,539	7,073
27	8	98 401	26 356,529	494 514,730	18,763	18,296	77	58	57 439	1 341,622	9 677,293	7,213	6,747
28	9	98 333	25 084,011	468 158,201	18,664	18,197	78	59	54 335	1 208,698	8 335,670	6,896	6,430
29	10	98 265	23 873,214	443 074,190	18,559	18,093	79	60	51 067	1 081,903	7 126,972	6,587	6,121
30	11	98 194	22 719,937	419 200,976	18,451	17,984	80	61	47 711	962,667	6 045,069	6,280	5,813
31	12	98 121	21 621,943	396 481,039	18,337	17,871	81	62	44 219	849,711	5 082,403	5,981	5,515
32	13	98 041	20 575,486	374 859,096	18,219	17,752	82	63	40 651	743,966	4 232,692	5,689	5,223
33	14	97 958	19 579,146	354 283,610	18,095	17,629	83	64	37 055	645,861	3 488,726	5,402	4,935
34	15	97 875	18 630,956	334 704,464	17,965	17,499	84	65	33 467	555,538	2 842,865	5,117	4,651
35	16	97 783	17 727,028	316 073,508	17,830	17,364	85	66	29 878	472,342	2 287,327	4,843	4,376
36	17	97 682	16 865,560	298 346,480	17,690	17,223	86	67	26 290	395,826	1 814,985	4,585	4,119
37	18	97 576	16 044,969	281 480,920	17,543	17,077	87	68	22 780	326,645	1 419,159	4,345	3,878
38	19	97 458	15 262,496	265 435,951	17,391	16,925	88	69	19 356	264,338	1 092,514	4,133	3,667
39	20	97 332	14 516,938	250 173,456	17,233	16,767	89	70	16 256	211,431	828,177	3,917	3,451
40	21	97 198	13 806,512	235 656,518	17,069	16,602	90	71	13 422	166,261	616,746	3,710	3,243
41	22	97 044	13 128,293	221 850,006	16,899	16,432	91	72	10 994	129,699	450,485	3,473	3,007
42	23	96 878	12 481,696	208 721,713	16,722	16,256	92	73	8 722	97,994	320,785	3,274	2,807
43	24	96 700	11 865,460	196 240,017	16,539	16,072	93	74	6 709	71,786	222,792	3,104	2,637
44	25	96 492	11 276,142	184 374,557	16,351	15,884	94	75	5 038	51,345	151,005	2,941	2,475
45	26	96 265	10 713,941	173 098,415	16,156	15,690	95	76	3 680	35,718	99,661	2,790	2,324
46	27	96 007	10 176,437	162 384,474	15,957	15,491	96	77	2 611	24,131	63,942	2,650	2,183
47	28	95 718	9 662,655	152 208,037	15,752	15,286	97	78	1 795	15,803	39,811	2,519	2,053
48	29	95 397	9 171,679	142 545,382	15,542	15,076	98	79	1 194	10,011	24,008	2,398	1,932
49	30	95 034	8 701,672	133 373,703	15,327	14,861	99	80	767	6,126	13,997	2,285	1,818
							100	81	475	3,611	7,871	2,180	1,714

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	8 255,024	124 849,894	15,124	14,658
1							51	31	94 233	7 826,194	116 594,869	14,898	14,432
2							52	32	93 750	7 415,315	108 768,675	14,668	14,202
3							53	33	93 225	7 022,628	101 353,360	14,432	13,966
4							54	34	92 657	6 647,438	94 330,732	14,191	13,724
5							55	35	92 026	6 287,772	87 683,294	13,945	13,479
6							56	36	91 352	5 944,509	81 395,522	13,693	13,226
7							57	37	90 629	5 616,644	75 451,013	13,433	12,967
8							58	38	89 860	5 303,786	69 834,369	13,167	12,700
9							59	39	89 013	5 003,608	64 530,583	12,897	12,430
10							60	40	88 096	4 716,288	59 526,975	12,622	12,155
11							61	41	87 100	4 440,909	54 810,687	12,342	11,876
12							62	42	86 049	4 178,414	50 369,778	12,055	11,588
13							63	43	84 911	3 926,800	46 191,364	11,763	11,297
14							64	44	83 707	3 686,797	42 264,564	11,464	10,997
15							65	45	82 411	3 456,856	38 577,767	11,160	10,693
16							66	46	81 017	3 236,546	35 120,911	10,851	10,385
17							67	47	79 543	3 026,339	31 884,365	10,536	10,069
18							68	48	77 973	2 825,356	28 858,026	10,214	9,748
19							69	49	76 299	2 633,046	26 032,671	9,887	9,421
20	0	99 213	37 392,508	720 876,857	19,279	18,812	70	50	74 494	2 448,322	23 399,625	9,557	9,091
21	1	98 837	35 476,762	683 484,348	19,266	18,799	71	51	72 567	2 271,412	20 951,303	9,224	8,758
22	2	98 753	33 758,737	648 007,586	19,195	18,729	72	52	70 516	2 102,116	18 679,891	8,886	8,420
23	3	98 682	32 127,908	614 248,849	19,119	18,652	73	53	68 275	1 938,388	16 577,775	8,552	8,086
24	4	98 613	30 576,771	582 120,941	19,038	18,572	74	54	65 885	1 781,471	14 639,387	8,218	7,751
25	5	98 545	29 100,469	551 544,170	18,953	18,487	75	55	63 305	1 630,188	12 857,915	7,887	7,421
26	6	98 477	27 695,801	522 443,701	18,864	18,397	76	56	60 571	1 485,530	11 227,727	7,558	7,092
27	7	98 409	26 358,731	494 747,899	18,770	18,303	77	57	57 677	1 347,181	9 742,197	7,232	6,765
28	8	98 339	25 085,569	468 389,168	18,672	18,205	78	58	54 584	1 214,235	8 395,016	6,914	6,447
29	9	98 272	23 874,730	443 303,599	18,568	18,101	79	59	51 312	1 087,097	7 180,781	6,605	6,139
30	10	98 202	22 721,767	419 428,869	18,459	17,993	80	60	47 973	967,959	6 093,684	6,295	5,829
31	11	98 129	21 623,661	396 707,102	18,346	17,880	81	61	44 471	854,569	5 125,725	5,998	5,532
32	12	98 049	20 577,063	375 083,442	18,228	17,762	82	62	40 908	748,664	4 271,155	5,705	5,239
33	13	97 968	19 581,072	354 506,378	18,105	17,638	83	63	37 304	650,197	3 522,491	5,418	4,951
34	14	97 887	18 633,263	334 925,306	17,975	17,508	84	64	33 709	559,564	2 872,294	5,133	4,667
35	15	97 796	17 729,432	316 292,043	17,840	17,374	85	65	30 111	476,027	2 312,730	4,858	4,392
36	16	97 698	16 868,272	298 562,612	17,700	17,233	86	66	26 508	399,107	1 836,703	4,602	4,136
37	17	97 593	16 047,786	281 694,340	17,553	17,087	87	67	22 987	329,618	1 437,596	4,361	3,895
38	18	97 480	15 265,830	265 646,554	17,401	16,935	88	68	19 548	266,952	1 107,978	4,150	3,684
39	19	97 353	14 520,060	250 380,724	17,244	16,777	89	69	16 436	213,776	841,026	3,934	3,468
40	20	97 218	13 809,425	235 860,664	17,080	16,613	90	70	13 585	168,272	627,250	3,728	3,261
41	21	97 065	13 131,132	222 051,238	16,910	16,444	91	71	11 143	131,453	458,979	3,492	3,025
42	22	96 900	12 484,564	208 920,107	16,734	16,268	92	72	8 859	99,534	327,525	3,291	2,824
43	23	96 722	11 868,160	196 435,542	16,551	16,085	93	73	6 827	73,053	227,991	3,121	2,655
44	24	96 514	11 278,706	184 567,383	16,364	15,898	94	74	5 138	52,357	154,939	2,959	2,493
45	25	96 286	10 716,329	173 288,677	16,171	15,704	95	75	3 764	36,532	102,582	2,808	2,342
46	26	96 033	10 179,157	162 572,348	15,971	15,505	96	76	2 679	24,759	66,050	2,668	2,201
47	27	95 743	9 665,149	152 393,191	15,767	15,301	97	77	1 849	16,274	41,291	2,537	2,071
48	28	95 422	9 174,062	142 728,041	15,558	15,091	98	78	1 235	10,355	25,017	2,416	1,949
49	29	95 060	8 704,086	133 553,979	15,344	14,877	99	79	797	6,365	14,661	2,303	1,837
							100	80	496	3,774	8,296	2,198	1,732

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	8 257,315	125 012,476	15,140	14,673
1							51	30	94 259	7 828,342	116 755,161	14,914	14,448
2							52	31	93 781	7 417,734	108 926,819	14,685	14,218
3							53	32	93 257	7 025,061	101 509,085	14,450	13,983
4							54	33	92 690	6 649,844	94 484,024	14,208	13,742
5							55	34	92 063	6 290,325	87 834,180	13,963	13,497
6							56	35	91 391	5 947,043	81 543,855	13,712	13,245
7							57	36	90 671	5 619,264	75 596,812	13,453	12,987
8							58	37	89 907	5 306,581	69 977,548	13,187	12,721
9							59	38	89 065	5 006,560	64 670,966	12,917	12,451
10							60	39	88 158	4 719,607	59 664,407	12,642	12,175
11							61	40	87 162	4 444,076	54 944,800	12,364	11,897
12							62	41	86 121	4 181,889	50 500,723	12,076	11,610
13							63	42	84 992	3 930,518	46 318,834	11,784	11,318
14							64	43	83 796	3 690,693	42 388,316	11,485	11,019
15							65	44	82 504	3 460,769	38 697,623	11,182	10,715
16							66	45	81 127	3 240,930	35 236,854	10,872	10,406
17							67	46	79 666	3 031,040	31 995,924	10,556	10,090
18							68	47	78 109	2 830,267	28 964,885	10,234	9,768
19							69	48	76 441	2 637,934	26 134,617	9,907	9,441
20							70	49	74 650	2 453,454	23 496,683	9,577	9,111
21	0	99 154	35 590,638	683 838,381	19,214	18,748	71	50	72 736	2 276,732	21 043,229	9,243	8,776
22	1	98 781	33 768,339	648 247,743	19,197	18,731	72	51	70 692	2 107,365	18 766,497	8,905	8,439
23	2	98 698	32 133,089	614 479,404	19,123	18,657	73	52	68 464	1 943,774	16 659,132	8,571	8,104
24	3	98 627	30 581,156	582 346,315	19,043	18,576	74	53	66 086	1 786,902	14 715,358	8,235	7,769
25	4	98 556	29 103,957	551 765,160	18,958	18,492	75	54	63 507	1 635,399	12 928,456	7,905	7,439
26	5	98 486	27 698,307	522 661,202	18,870	18,403	76	55	60 790	1 490,894	11 293,057	7,575	7,108
27	6	98 417	26 360,845	494 962,895	18,776	18,310	77	56	57 897	1 352,310	9 802,163	7,248	6,782
28	7	98 347	25 087,665	468 602,051	18,679	18,212	78	57	54 810	1 219,266	8 449,853	6,930	6,464
29	8	98 278	23 876,213	443 514,386	18,576	18,109	79	58	51 548	1 092,077	7 230,587	6,621	6,155
30	9	98 208	22 723,210	419 638,173	18,467	18,001	80	59	48 204	972,607	6 138,511	6,311	5,845
31	10	98 137	21 625,403	396 914,963	18,354	17,888	81	60	44 716	859,268	5 165,904	6,012	5,546
32	11	98 056	20 578,698	375 289,560	18,237	17,770	82	61	41 142	752,945	4 306,636	5,720	5,253
33	12	97 975	19 582,573	354 710,863	18,114	17,647	83	62	37 540	654,303	3 553,692	5,431	4,965
34	13	97 897	18 635,096	335 128,290	17,984	17,517	84	63	33 936	563,321	2 899,389	5,147	4,681
35	14	97 808	17 731,627	316 493,193	17,849	17,383	85	64	30 329	479,477	2 336,068	4,872	4,406
36	15	97 711	16 870,559	298 761,567	17,709	17,243	86	65	26 714	402,221	1 856,590	4,616	4,149
37	16	97 609	16 050,366	281 891,008	17,563	17,097	87	66	23 177	332,349	1 454,369	4,376	3,910
38	17	97 497	15 268,510	265 840,642	17,411	16,945	88	67	19 725	269,382	1 122,020	4,165	3,699
39	18	97 375	14 523,233	250 572,132	17,253	16,787	89	68	16 599	215,890	852,638	3,949	3,483
40	19	97 239	13 812,396	236 048,899	17,090	16,623	90	69	13 735	170,138	636,747	3,743	3,276
41	20	97 086	13 133,903	222 236,503	16,921	16,454	91	70	11 278	133,043	466,610	3,507	3,041
42	21	96 921	12 487,263	209 102,600	16,745	16,279	92	71	8 979	100,880	333,567	3,307	2,840
43	22	96 744	11 870,887	196 615,337	16,563	16,096	93	72	6 934	74,201	232,687	3,136	2,669
44	23	96 536	11 281,272	184 744,450	16,376	15,910	94	73	5 228	53,280	158,486	2,975	2,508
45	24	96 308	10 718,766	173 463,177	16,183	15,717	95	74	3 838	37,252	105,206	2,824	2,358
46	25	96 054	10 181,426	162 744,411	15,984	15,518	96	75	2 740	25,323	67,954	2,683	2,217
47	26	95 768	9 667,732	152 562,986	15,781	15,314	97	76	1 897	16,698	42,631	2,553	2,087
48	27	95 447	9 176,431	142 895,253	15,572	15,106	98	77	1 272	10,664	25,933	2,432	1,965
49	28	95 085	8 706,347	133 718,823	15,359	14,892	99	78	825	6,584	15,269	2,319	1,853
							100	79	516	3,922	8,685	2,215	1,748



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	8 259,460	125 161,107	15,154	14,687
1							51	29	94 285	7 830,514	116 901,647	14,929	14,463
2							52	30	93 807	7 419,770	109 071,133	14,700	14,234
3							53	31	93 288	7 027,352	101 651,363	14,465	13,999
4							54	32	92 722	6 652,148	94 624,011	14,225	13,758
5							55	33	92 096	6 292,601	87 971,863	13,980	13,514
6							56	34	91 428	5 949,458	81 679,261	13,729	13,262
7							57	35	90 710	5 621,660	75 729,804	13,471	13,005
8							58	36	89 949	5 309,057	70 108,144	13,205	12,739
9							59	37	89 112	5 009,198	64 799,087	12,936	12,470
10							60	38	88 210	4 722,391	59 789,889	12,661	12,195
11							61	39	87 224	4 447,204	55 067,498	12,382	11,916
12							62	40	86 182	4 184,872	50 620,294	12,096	11,630
13							63	41	85 062	3 933,787	46 435,422	11,804	11,338
14							64	42	83 875	3 694,187	42 501,634	11,505	11,039
15							65	43	82 592	3 464,426	38 807,447	11,202	10,735
16							66	44	81 218	3 244,599	35 343,021	10,893	10,426
17							67	45	79 774	3 035,145	32 098,422	10,576	10,109
18							68	46	78 230	2 834,664	29 063,277	10,253	9,786
19							69	47	76 574	2 642,520	26 228,614	9,926	9,459
20							70	48	74 788	2 458,009	23 586,094	9,596	9,129
21							71	49	72 889	2 281,505	21 128,085	9,261	8,794
22	0	99 098	33 876,731	648 576,408	19,145	18,679	72	50	70 857	2 112,300	18 846,580	8,922	8,456
23	1	98 726	32 142,228	614 699,677	19,124	18,658	73	51	68 635	1 948,628	16 734,280	8,588	8,121
24	2	98 643	30 586,087	582 557,449	19,046	18,580	74	52	66 270	1 791,867	14 785,652	8,252	7,785
25	3	98 570	29 108,131	551 971,363	18,963	18,496	75	53	63 701	1 640,384	12 993,785	7,921	7,455
26	4	98 498	27 701,627	522 863,232	18,875	18,408	76	54	60 984	1 495,659	11 353,401	7,591	7,124
27	5	98 426	26 363,230	495 161,605	18,782	18,316	77	55	58 106	1 357,193	9 857,742	7,263	6,797
28	6	98 355	25 089,676	468 798,375	18,685	18,219	78	56	55 019	1 223,908	8 500,549	6,945	6,479
29	7	98 286	23 878,208	443 708,699	18,582	18,116	79	57	51 761	1 096,602	7 276,641	6,636	6,169
30	8	98 215	22 724,621	419 830,491	18,475	18,008	80	58	48 425	977,062	6 180,039	6,325	5,859
31	9	98 143	21 626,776	397 105,870	18,362	17,895	81	59	44 931	863,393	5 202,977	6,026	5,560
32	10	98 064	20 580,356	375 479,094	18,245	17,778	82	60	41 368	757,084	4 339,584	5,732	5,266
33	11	97 983	19 584,128	354 898,738	18,122	17,655	83	61	37 754	658,044	3 582,500	5,444	4,978
34	12	97 904	18 636,525	335 314,610	17,992	17,526	84	62	34 150	566,878	2 924,456	5,159	4,692
35	13	97 818	17 733,371	316 678,085	17,858	17,391	85	63	30 533	482,696	2 357,578	4,884	4,418
36	14	97 723	16 872,647	298 944,714	17,718	17,251	86	64	26 908	405,136	1 874,881	4,628	4,161
37	15	97 622	16 052,542	282 072,067	17,572	17,105	87	65	23 358	334,943	1 469,745	4,388	3,922
38	16	97 512	15 270,965	266 019,525	17,420	16,954	88	66	19 889	271,615	1 134,802	4,178	3,712
39	17	97 392	14 525,783	250 748,559	17,262	16,796	89	67	16 750	217,855	863,188	3,962	3,496
40	18	97 260	13 815,414	236 222,777	17,098	16,632	90	68	13 871	171,821	645,332	3,756	3,289
41	19	97 107	13 136,728	222 407,363	16,930	16,464	91	69	11 403	134,518	473,512	3,520	3,054
42	20	96 941	12 489,899	209 270,635	16,755	16,289	92	70	9 087	102,100	338,994	3,320	2,854
43	21	96 765	11 873,454	196 780,736	16,573	16,107	93	71	7 028	75,205	236,894	3,150	2,684
44	22	96 558	11 283,865	184 907,283	16,387	15,920	94	72	5 310	54,118	161,689	2,988	2,521
45	23	96 330	10 721,205	173 623,417	16,194	15,728	95	73	3 906	37,909	107,571	2,838	2,371
46	24	96 076	10 183,741	162 902,213	15,996	15,530	96	74	2 794	25,822	69,662	2,698	2,231
47	25	95 790	9 669,887	152 718,472	15,793	15,327	97	75	1 940	17,078	43,840	2,567	2,101
48	26	95 472	9 178,883	143 048,585	15,585	15,118	98	76	1 305	10,941	26,762	2,446	1,980
49	27	95 109	8 708,595	133 869,702	15,372	14,906	99	77	849	6,780	15,821	2,333	1,867
							100	78	533	4,057	9,040	2,229	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	8 261,592	125 297,117	15,166	14,700
1							51	28	94 310	7 832,549	117 035,525	14,942	14,476
2							52	29	93 833	7 421,828	109 202,976	14,714	14,247
3							53	30	93 313	7 029,281	101 781,148	14,480	14,013
4							54	31	92 753	6 654,318	94 751,866	14,239	13,773
5							55	32	92 128	6 294,781	88 097,549	13,995	13,529
6							56	33	91 461	5 951,611	81 802,768	13,745	13,278
7							57	34	90 747	5 623,942	75 851,157	13,487	13,021
8							58	35	89 987	5 311,321	70 227,214	13,222	12,756
9							59	36	89 154	5 011,535	64 915,894	12,953	12,487
10							60	37	88 257	4 724,879	59 904,359	12,678	12,212
11							61	38	87 275	4 449,827	55 179,479	12,400	11,934
12							62	39	86 243	4 187,817	50 729,652	12,114	11,647
13							63	40	85 123	3 936,593	46 541,835	11,823	11,356
14							64	41	83 945	3 697,259	42 605,241	11,523	11,057
15							65	42	82 670	3 467,706	38 907,982	11,220	10,754
16							66	43	81 304	3 248,027	35 440,276	10,911	10,445
17							67	44	79 865	3 038,581	32 192,248	10,595	10,128
18							68	45	78 336	2 838,503	29 153,667	10,271	9,804
19							69	46	76 693	2 646,625	26 315,164	9,943	9,477
20							70	47	74 918	2 462,282	23 668,540	9,612	9,146
21							71	48	73 024	2 285,740	21 206,258	9,278	8,811
22							72	49	71 006	2 116,729	18 920,518	8,939	8,472
23	0	99 043	32 245,400	615 004,870	19,073	18,606	73	50	68 796	1 953,191	16 803,789	8,603	8,137
24	1	98 671	30 594,786	582 759,470	19,048	18,581	74	51	66 435	1 796,341	14 850,598	8,267	7,801
25	2	98 586	29 112,824	552 164,684	18,966	18,500	75	52	63 878	1 644,942	13 054,256	7,936	7,470
26	3	98 512	27 705,600	523 051,860	18,879	18,413	76	53	61 170	1 500,218	11 409,314	7,605	7,139
27	4	98 438	26 366,390	495 346,260	18,787	18,321	77	54	58 291	1 361,531	9 909,096	7,278	6,812
28	5	98 364	25 091,946	468 979,870	18,690	18,224	78	55	55 218	1 228,327	8 547,565	6,959	6,492
29	6	98 294	23 880,122	443 887,924	18,588	18,122	79	56	51 958	1 100,777	7 319,238	6,649	6,183
30	7	98 223	22 726,520	420 007,802	18,481	18,015	80	57	48 625	981,110	6 218,461	6,338	5,872
31	8	98 149	21 628,119	397 281,282	18,369	17,902	81	58	45 136	867,348	5 237,351	6,038	5,572
32	9	98 070	20 581,662	375 653,163	18,252	17,785	82	59	41 567	760,719	4 370,003	5,745	5,278
33	10	97 991	19 585,706	355 071,500	18,129	17,663	83	60	37 962	661,662	3 609,284	5,455	4,988
34	11	97 912	18 638,005	335 485,794	18,000	17,534	84	61	34 345	570,119	2 947,622	5,170	4,704
35	12	97 825	17 734,731	316 847,789	17,866	17,400	85	62	30 725	485,744	2 377,502	4,895	4,428
36	13	97 733	16 874,307	299 113,059	17,726	17,260	86	63	27 089	407,856	1 891,758	4,638	4,172
37	14	97 634	16 054,530	282 238,751	17,580	17,114	87	64	23 528	337,370	1 483,902	4,398	3,932
38	15	97 526	15 273,036	266 184,222	17,428	16,962	88	65	20 044	273,734	1 146,531	4,188	3,722
39	16	97 407	14 528,118	250 911,186	17,271	16,804	89	66	16 889	219,661	872,797	3,973	3,507
40	17	97 277	13 817,839	236 383,068	17,107	16,641	90	67	13 997	173,384	653,136	3,767	3,301
41	18	97 128	13 139,598	222 565,229	16,939	16,472	91	68	11 515	135,849	479,752	3,532	3,065
42	19	96 962	12 492,585	209 425,631	16,764	16,298	92	69	9 188	103,232	343,903	3,331	2,865
43	20	96 785	11 875,959	196 933,045	16,582	16,116	93	70	7 113	76,114	240,671	3,162	2,696
44	21	96 579	11 286,305	185 057,086	16,397	15,930	94	71	5 382	54,850	164,557	3,000	2,534
45	22	96 352	10 723,669	173 770,781	16,204	15,738	95	72	3 967	38,505	109,707	2,849	2,383
46	23	96 098	10 186,058	163 047,112	16,007	15,540	96	73	2 843	26,278	71,202	2,710	2,243
47	24	95 811	9 672,086	152 861,054	15,804	15,338	97	74	1 978	17,415	44,925	2,580	2,113
48	25	95 493	9 180,929	143 188,968	15,596	15,130	98	75	1 335	11,191	27,510	2,458	1,992
49	26	95 135	8 710,922	134 008,039	15,384	14,918	99	76	871	6,957	16,319	2,346	1,879
							100	77	549	4,178	9,363	2,241	1,775

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	8 263,800	125 421,802	15,177	14,711
1							51	27	94 334	7 834,571	117 158,002	14,954	14,488
2							52	28	93 857	7 423,757	109 323,430	14,726	14,260
3							53	29	93 339	7 031,231	101 899,674	14,492	14,026
4							54	30	92 778	6 656,144	94 868,443	14,253	13,786
5							55	31	92 158	6 296,834	88 212,298	14,009	13,543
6							56	32	91 493	5 953,673	81 915,464	13,759	13,292
7							57	33	90 780	5 625,978	75 961,791	13,502	13,036
8							58	34	90 024	5 313,477	70 335,813	13,237	12,771
9							59	35	89 192	5 013,672	65 022,336	12,969	12,503
10							60	36	88 298	4 727,084	60 008,665	12,695	12,228
11							61	37	87 321	4 452,172	55 281,581	12,417	11,950
12							62	38	86 294	4 190,287	50 829,409	12,130	11,664
13							63	39	85 183	3 939,364	46 639,121	11,839	11,373
14							64	40	84 005	3 699,897	42 699,757	11,541	11,074
15							65	41	82 739	3 470,590	38 999,861	11,237	10,771
16							66	42	81 381	3 251,102	35 529,270	10,928	10,462
17							67	43	79 949	3 041,792	32 278,168	10,612	10,145
18							68	44	78 425	2 841,716	29 236,376	10,288	9,822
19							69	45	76 797	2 650,209	26 394,659	9,959	9,493
20							70	46	75 035	2 466,107	23 744,450	9,628	9,162
21							71	47	73 151	2 289,714	21 278,343	9,293	8,827
22							72	48	71 138	2 120,658	18 988,630	8,954	8,488
23							73	49	68 940	1 957,286	16 867,972	8,618	8,152
24	0	98 988	30 692,992	583 042,935	18,996	18,530	74	50	66 591	1 800,548	14 910,685	8,281	7,815
25	1	98 614	29 121,104	552 349,944	18,967	18,501	75	51	64 037	1 649,050	13 110,137	7,950	7,484
26	2	98 528	27 710,067	523 228,839	18,882	18,416	76	52	61 340	1 504,387	11 461,088	7,618	7,152
27	3	98 452	26 370,171	495 518,773	18,791	18,324	77	53	58 469	1 365,681	9 956,701	7,291	6,824
28	4	98 375	25 094,954	469 148,602	18,695	18,229	78	54	55 394	1 232,253	8 591,019	6,972	6,505
29	5	98 303	23 882,283	444 053,648	18,593	18,127	79	55	52 146	1 104,751	7 358,766	6,661	6,195
30	6	98 231	22 728,342	420 171,365	18,487	18,020	80	56	48 810	984,846	6 254,015	6,350	5,884
31	7	98 157	21 629,926	397 443,023	18,375	17,908	81	57	45 323	870,942	5 269,170	6,050	5,584
32	8	98 077	20 582,941	375 813,097	18,258	17,792	82	58	41 757	764,204	4 398,228	5,755	5,289
33	9	97 997	19 586,950	355 230,156	18,136	17,670	83	59	38 144	664,839	3 634,024	5,466	5,000
34	10	97 920	18 639,507	335 643,207	18,007	17,541	84	60	34 534	573,254	2 969,185	5,180	4,713
35	11	97 833	17 736,139	317 003,700	17,873	17,407	85	61	30 901	488,522	2 395,931	4,904	4,438
36	12	97 740	16 875,601	299 267,561	17,734	17,267	86	62	27 260	410,432	1 907,410	4,647	4,181
37	13	97 644	16 056,109	282 391,960	17,588	17,121	87	63	23 685	339,635	1 496,978	4,408	3,941
38	14	97 538	15 274,927	266 335,851	17,436	16,970	88	64	20 189	275,718	1 157,343	4,198	3,731
39	15	97 421	14 530,088	251 060,924	17,279	16,812	89	65	17 021	221,375	881,624	3,982	3,516
40	16	97 293	13 820,061	236 530,836	17,115	16,649	90	66	14 113	174,821	660,250	3,777	3,310
41	17	97 145	13 141,905	222 710,775	16,947	16,480	91	67	11 620	137,085	485,428	3,541	3,075
42	18	96 983	12 495,315	209 568,870	16,772	16,305	92	68	9 279	104,253	348,343	3,341	2,875
43	19	96 806	11 878,514	197 073,556	16,591	16,124	93	69	7 192	76,958	244,090	3,172	2,705
44	20	96 599	11 288,687	185 195,042	16,405	15,939	94	70	5 447	55,513	167,132	3,011	2,544
45	21	96 373	10 725,987	173 906,355	16,214	15,747	95	71	4 021	39,026	111,619	2,860	2,394
46	22	96 120	10 188,399	163 180,368	16,016	15,550	96	72	2 888	26,691	72,593	2,720	2,253
47	23	95 833	9 674,287	152 991,969	15,814	15,348	97	73	2 013	17,722	45,902	2,590	2,124
48	24	95 515	9 183,017	143 317,682	15,607	15,140	98	74	1 361	11,411	28,181	2,470	2,003
49	25	95 156	8 712,864	134 134,666	15,395	14,929	99	75	891	7,115	16,769	2,357	1,890
							100	76	564	4,286	9,654	2,252	1,786

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 5,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	8 265,642	125 535,899	15,188	14,721
1							51	26	94 359	7 836,665	117 270,257	14,964	14,498
2							52	27	93 881	7 425,673	109 433,592	14,737	14,271
3							53	28	93 363	7 033,058	102 007,919	14,504	14,038
4							54	29	92 804	6 657,991	94 974,861	14,265	13,798
5							55	30	92 183	6 298,563	88 316,870	14,022	13,555
6							56	31	91 522	5 955,615	82 018,307	13,772	13,305
7							57	32	90 811	5 627,927	76 062,692	13,515	13,049
8							58	33	90 057	5 315,400	70 434,765	13,251	12,785
9							59	34	89 228	5 015,707	65 119,365	12,983	12,517
10							60	35	88 336	4 729,099	60 103,658	12,709	12,243
11							61	36	87 362	4 454,250	55 374,559	12,432	11,965
12							62	37	86 339	4 192,496	50 920,310	12,146	11,679
13							63	38	85 233	3 941,688	46 727,814	11,855	11,388
14							64	39	84 064	3 702,501	42 786,126	11,556	11,090
15							65	40	82 798	3 473,066	39 083,626	11,253	10,787
16							66	41	81 449	3 253,806	35 610,560	10,944	10,478
17							67	42	80 025	3 044,672	32 356,753	10,627	10,161
18							68	43	78 508	2 844,719	29 312,081	10,304	9,838
19							69	44	76 884	2 653,210	26 467,362	9,976	9,509
20							70	45	75 136	2 469,447	23 814,153	9,644	9,177
21							71	46	73 265	2 293,270	21 344,706	9,308	8,841
22							72	47	71 261	2 124,345	19 051,435	8,968	8,502
23							73	48	69 068	1 960,920	16 927,091	8,632	8,166
24							74	49	66 730	1 804,323	14 966,171	8,295	7,828
25	0	98 931	29 214,580	552 613,288	18,916	18,449	75	50	64 187	1 652,912	13 161,848	7,963	7,496
26	1	98 556	27 717,948	523 398,708	18,883	18,417	76	51	61 494	1 508,143	11 508,936	7,631	7,165
27	2	98 468	26 374,423	495 680,760	18,794	18,328	77	52	58 631	1 369,476	10 000,793	7,303	6,836
28	3	98 390	25 098,553	469 306,337	18,699	18,232	78	53	55 563	1 236,009	8 631,317	6,983	6,517
29	4	98 314	23 885,145	444 207,784	18,598	18,131	79	54	52 312	1 108,282	7 395,308	6,673	6,206
30	5	98 239	22 730,398	420 322,639	18,492	18,025	80	55	48 987	988,401	6 287,025	6,361	5,894
31	6	98 165	21 631,661	397 592,241	18,380	17,914	81	56	45 496	874,258	5 298,624	6,061	5,594
32	7	98 085	20 584,660	375 960,580	18,264	17,798	82	57	41 930	767,370	4 424,366	5,766	5,299
33	8	98 003	19 588,166	355 375,920	18,142	17,676	83	58	38 319	667,884	3 656,996	5,475	5,009
34	9	97 926	18 640,690	335 787,754	18,014	17,547	84	59	34 700	576,006	2 989,112	5,189	4,723
35	10	97 841	17 737,568	317 147,063	17,880	17,414	85	60	31 071	491,208	2 413,106	4,913	4,446
36	11	97 748	16 876,941	299 409,495	17,741	17,274	86	61	27 416	412,779	1 921,898	4,656	4,190
37	12	97 651	16 057,340	282 532,554	17,595	17,129	87	62	23 835	341,780	1 509,120	4,415	3,949
38	13	97 547	15 276,429	266 475,214	17,444	16,977	88	63	20 325	277,569	1 167,340	4,206	3,739
39	14	97 433	14 531,887	251 198,785	17,286	16,820	89	64	17 144	222,979	889,771	3,990	3,524
40	15	97 306	13 821,935	236 666,898	17,123	16,656	90	65	14 224	176,185	666,791	3,785	3,318
41	16	97 160	13 144,018	222 844,963	16,954	16,488	91	66	11 717	138,222	490,606	3,549	3,083
42	17	97 001	12 497,509	209 700,945	16,779	16,313	92	67	9 364	105,202	352,384	3,350	2,883
43	18	96 827	11 881,109	197 203,437	16,598	16,132	93	68	7 263	77,719	247,182	3,180	2,714
44	19	96 620	11 291,115	185 322,327	16,413	15,947	94	69	5 508	56,128	169,463	3,019	2,553
45	20	96 393	10 728,251	174 031,213	16,222	15,755	95	70	4 070	39,498	113,334	2,869	2,403
46	21	96 141	10 190,602	163 302,962	16,025	15,558	96	71	2 927	27,052	73,837	2,729	2,263
47	22	95 855	9 676,510	153 112,360	15,823	15,357	97	72	2 045	18,000	46,785	2,599	2,133
48	23	95 537	9 185,106	143 435,850	15,616	15,150	98	73	1 385	11,613	28,785	2,479	2,012
49	24	95 178	8 714,845	134 250,744	15,405	14,938	99	74	909	7,255	17,172	2,367	1,900
							100	75	576	4,384	9,917	2,262	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 924 369,660	19,244	18,777	50	50	93 003	7 200,991	100 046,731	13,893	13,427
1	1	99 275	94 323,180	1 824 369,660	19,342	18,875	51	51	92 389	6 796,652	92 845,740	13,661	13,194
2	2	99 212	89 560,853	1 730 046,480	19,317	18,850	52	52	91 717	6 410,616	86 049,088	13,423	12,956
3	3	99 177	85 063,352	1 640 485,627	19,285	18,819	53	53	90 982	6 042,023	79 638,473	13,181	12,714
4	4	99 147	80 796,497	1 555 422,275	19,251	18,784	54	54	90 185	5 690,357	73 596,450	12,934	12,467
5	5	99 121	76 746,008	1 474 625,777	19,214	18,748	55	55	89 321	5 354,753	67 906,093	12,681	12,215
6	6	99 101	72 902,790	1 397 879,769	19,175	18,708	56	56	88 386	5 034,378	62 551,340	12,425	11,958
7	7	99 082	69 253,453	1 324 976,980	19,132	18,665	57	57	87 395	4 729,618	57 516,962	12,161	11,694
8	8	99 064	65 787,145	1 255 723,526	19,088	18,621	58	58	86 341	4 439,515	52 787,344	11,890	11,424
9	9	99 049	62 495,710	1 189 936,381	19,040	18,573	59	59	85 187	4 161,705	48 347,829	11,617	11,151
10	10	99 034	59 369,480	1 127 440,671	18,990	18,523	60	60	83 967	3 897,453	44 186,124	11,337	10,870
11	11	99 017	56 398,453	1 068 071,191	18,938	18,471	61	61	82 622	3 643,746	40 288,671	11,057	10,590
12	12	99 000	53 575,779	1 011 672,721	18,883	18,416	62	62	81 229	3 403,610	36 644,925	10,766	10,300
13	13	98 982	50 894,128	958 096,943	18,825	18,358	63	63	79 727	3 174,034	33 241,316	10,473	10,006
14	14	98 963	48 346,476	907 202,814	18,765	18,298	64	64	78 155	2 956,256	30 067,282	10,171	9,704
15	15	98 935	45 921,633	858 856,338	18,703	18,236	65	65	76 477	2 748,503	27 111,026	9,864	9,397
16	16	98 902	43 616,377	812 934,704	18,638	18,171	66	66	74 702	2 550,799	24 362,523	9,551	9,084
17	17	98 856	41 421,790	769 318,327	18,573	18,106	67	67	72 853	2 363,571	21 811,724	9,228	8,761
18	18	98 805	39 335,276	727 896,537	18,505	18,038	68	68	70 895	2 185,299	19 448,153	8,900	8,433
19	19	98 729	37 344,256	688 561,260	18,438	17,971	69	69	68 821	2 015,551	17 262,854	8,565	8,098
20	20	98 654	35 454,503	651 217,005	18,368	17,901	70	70	66 595	1 853,067	15 247,302	8,228	7,761
21	21	98 574	33 658,762	615 762,502	18,294	17,827	71	71	64 247	1 698,562	13 394,235	7,886	7,419
22	22	98 497	31 954,879	582 103,740	18,216	17,750	72	72	61 752	1 551,167	11 695,673	7,540	7,073
23	23	98 419	30 336,874	550 148,861	18,135	17,668	73	73	59 028	1 408,775	10 144,506	7,201	6,734
24	24	98 342	28 801,206	519 811,987	18,048	17,581	74	74	56 145	1 273,134	8 735,731	6,862	6,395
25	25	98 263	27 342,583	491 010,781	17,958	17,491	75	75	53 072	1 143,436	7 462,598	6,526	6,060
26	26	98 183	25 957,519	463 668,197	17,863	17,396	76	76	49 829	1 020,004	6 319,162	6,195	5,728
27	27	98 097	24 641,079	437 710,678	17,763	17,297	77	77	46 421	902,846	5 299,158	5,869	5,403
28	28	98 010	23 391,094	413 069,599	17,659	17,192	78	78	42 837	791,576	4 396,313	5,554	5,087
29	29	97 924	22 204,776	389 678,505	17,549	17,083	79	79	39 108	686,627	3 604,736	5,250	4,783
30	30	97 833	21 077,754	367 473,728	17,434	16,967	80	80	35 359	589,841	2 918,109	4,947	4,480
31	31	97 742	20 007,574	346 395,974	17,313	16,846	81	81	31 529	499,708	2 328,268	4,659	4,192
32	32	97 637	18 989,288	326 388,400	17,188	16,721	82	82	27 725	417,497	1 828,560	4,380	3,913
33	33	97 531	18 022,365	307 399,112	17,057	16,590	83	83	23 995	343,309	1 411,063	4,110	3,643
34	34	97 425	17 104,761	289 376,747	16,918	16,451	84	84	20 410	277,456	1 067,754	3,848	3,382
35	35	97 306	16 231,834	272 271,986	16,774	16,307	85	85	17 005	219,632	790,299	3,598	3,131
36	36	97 181	15 402,255	256 040,152	16,624	16,157	86	86	13 800	169,347	570,667	3,370	2,903
37	37	97 047	14 613,805	240 637,897	16,466	16,000	87	87	10 900	127,089	401,319	3,158	2,691
38	38	96 900	13 863,831	226 024,092	16,303	15,836	88	88	8 281	91,736	274,231	2,989	2,523
39	39	96 738	13 150,346	212 160,262	16,133	15,667	89	89	6 150	64,727	182,494	2,819	2,353
40	40	96 557	12 470,947	199 009,916	15,958	15,491	90	90	4 421	44,209	117,767	2,664	2,197
41	41	96 357	11 824,292	186 538,968	15,776	15,309	91	91	3 126	29,703	73,558	2,476	2,010
42	42	96 134	11 208,472	174 714,676	15,588	15,121	92	92	2 083	18,803	43,855	2,332	1,866
43	43	95 888	10 622,149	163 506,204	15,393	14,926	93	93	1 322	11,341	25,052	2,209	1,742
44	44	95 602	10 062,262	152 884,054	15,194	14,727	94	94	803	6,545	13,710	2,095	1,628
45	45	95 291	9 529,211	142 821,792	14,988	14,521	95	95	465	3,599	7,166	1,991	1,524
46	46	94 933	9 019,841	133 292,581	14,778	14,311	96	96	256	1,880	3,567	1,897	1,430
47	47	94 524	8 533,060	124 272,740	14,564	14,097	97	97	133	0,931	1,687	1,812	1,345
48	48	94 068	8 068,316	115 739,679	14,345	13,878	98	98	66	0,436	0,756	1,734	1,268
49	49	93 563	7 624,633	107 671,363	14,122	13,655	99	99	30	0,192	0,320	1,664	1,197
							100	100	13	0,080	0,128	1,600	1,133

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 922 780,814	19,290	18,823	50	51	92 786	7 184,166	99 192,334	13,807	13,340
1	2	99 247	94 296,361	1 823 100,776	19,334	18,867	51	52	92 159	6 779,723	92 008,169	13,571	13,104
2	3	99 196	89 546,414	1 728 804,415	19,306	18,839	52	53	91 463	6 392,853	85 228,446	13,332	12,865
3	4	99 162	85 051,155	1 639 258,001	19,274	18,807	53	54	90 705	6 023,660	78 835,593	13,088	12,621
4	5	99 135	80 786,814	1 554 206,845	19,238	18,772	54	55	89 897	5 672,226	72 811,933	12,837	12,370
5	6	99 112	76 739,065	1 473 420,031	19,200	18,734	55	56	89 000	5 335,489	67 139,707	12,584	12,117
6	7	99 093	72 896,945	1 396 680,966	19,160	18,693	56	57	88 051	5 015,283	61 804,217	12,323	11,856
7	8	99 074	69 247,668	1 323 784,021	19,117	18,650	57	58	87 034	4 710,103	56 788,934	12,057	11,590
8	9	99 058	65 783,059	1 254 536,354	19,071	18,604	58	59	85 947	4 419,272	52 078,832	11,784	11,318
9	10	99 042	62 491,742	1 188 753,295	19,023	18,556	59	60	84 780	4 141,819	47 659,560	11,507	11,040
10	11	99 026	59 364,697	1 126 261,552	18,972	18,505	60	61	83 508	3 876,142	43 517,741	11,227	10,760
11	12	99 009	56 393,990	1 066 896,855	18,919	18,452	61	62	82 152	3 623,030	39 641,599	10,942	10,475
12	13	98 992	53 571,672	1 010 502,864	18,863	18,396	62	63	80 719	3 382,253	36 018,569	10,649	10,182
13	14	98 972	50 889,122	956 931,192	18,804	18,337	63	64	79 195	3 152,868	32 636,317	10,351	9,885
14	15	98 951	48 340,491	906 042,071	18,743	18,276	64	65	77 593	2 934,983	29 483,449	10,046	9,579
15	16	98 921	45 915,408	857 701,579	18,680	18,213	65	66	75 885	2 727,223	26 548,466	9,735	9,268
16	17	98 886	43 609,366	811 786,171	18,615	18,148	66	67	74 088	2 529,832	23 821,243	9,416	8,949
17	18	98 839	41 414,519	768 176,805	18,548	18,082	67	68	72 196	2 342,253	21 291,411	9,090	8,623
18	19	98 784	39 326,684	726 762,286	18,480	18,013	68	69	70 200	2 163,893	18 949,158	8,757	8,290
19	20	98 708	37 336,224	687 435,602	18,412	17,945	69	70	68 066	1 993,446	16 785,265	8,420	7,953
20	21	98 633	35 447,023	650 099,378	18,340	17,873	70	71	65 799	1 830,926	14 791,819	8,079	7,612
21	22	98 553	33 651,487	614 652,355	18,265	17,798	71	72	63 389	1 675,898	12 960,893	7,734	7,267
22	23	98 474	31 947,536	581 000,868	18,186	17,719	72	73	60 796	1 527,163	11 284,995	7,390	6,923
23	24	98 397	30 329,974	549 053,333	18,103	17,636	73	74	58 004	1 384,353	9 757,832	7,049	6,582
24	25	98 320	28 794,658	518 723,359	18,015	17,548	74	75	55 060	1 248,532	8 373,479	6,707	6,240
25	26	98 242	27 336,490	489 928,701	17,922	17,455	75	76	51 890	1 117,958	7 124,947	6,373	5,906
26	27	98 157	25 950,585	462 592,210	17,826	17,359	76	77	48 566	994,149	6 006,989	6,042	5,576
27	28	98 072	24 634,719	436 641,626	17,725	17,258	77	78	45 077	876,704	5 012,840	5,718	5,251
28	29	97 984	23 385,019	412 006,907	17,618	17,152	78	79	41 412	765,250	4 136,135	5,405	4,938
29	30	97 896	22 198,618	388 621,889	17,507	17,040	79	80	37 640	660,844	3 370,885	5,101	4,634
30	31	97 807	21 071,970	366 423,271	17,389	16,922	80	81	33 826	564,258	2 710,041	4,803	4,336
31	32	97 710	20 001,051	345 351,301	17,267	16,800	81	82	29 968	474,974	2 145,784	4,518	4,051
32	33	97 604	18 982,711	325 350,250	17,139	16,672	82	83	26 148	393,755	1 670,809	4,243	3,776
33	34	97 495	18 015,845	306 367,539	17,005	16,539	83	84	22 436	321,008	1 277,054	3,978	3,511
34	35	97 385	17 097,820	288 351,694	16,865	16,398	84	85	18 900	256,928	956,047	3,721	3,254
35	36	97 265	16 224,916	271 253,875	16,718	16,252	85	86	15 555	200,899	699,119	3,480	3,013
36	37	97 135	15 395,073	255 028,958	16,566	16,099	86	87	12 466	152,980	498,220	3,257	2,790
37	38	96 996	14 606,108	239 633,886	16,406	15,940	87	88	9 650	112,517	345,240	3,068	2,602
38	39	96 843	13 855,657	225 027,778	16,241	15,774	88	89	7 242	80,227	232,724	2,901	2,434
39	40	96 670	13 141,098	211 172,121	16,070	15,603	89	90	5 290	55,680	152,497	2,739	2,272
40	41	96 488	12 462,058	198 031,023	15,891	15,424	90	91	3 766	37,657	96,816	2,571	2,104
41	42	96 277	11 814,467	185 568,965	15,707	15,240	91	92	2 585	24,560	59,159	2,409	1,942
42	43	96 043	11 197,870	173 754,498	15,517	15,050	92	93	1 689	15,250	34,599	2,269	1,802
43	44	95 786	10 610,937	162 556,629	15,320	14,853	93	94	1 049	8,995	19,349	2,151	1,684
44	45	95 494	10 050,884	151 945,691	15,118	14,651	94	95	622	5,070	10,354	2,042	1,576
45	46	95 162	9 516,322	141 894,808	14,911	14,444	95	96	351	2,719	5,284	1,944	1,477
46	47	94 785	9 005,852	132 378,485	14,699	14,232	96	97	188	1,384	2,566	1,854	1,387
47	48	94 360	8 518,252	123 372,633	14,483	14,017	97	98	95	0,667	1,182	1,773	1,306
48	49	93 894	8 053,366	114 854,381	14,262	13,795	98	99	46	0,303	0,515	1,699	1,232
49	50	93 367	7 608,681	106 801,016	14,037	13,570	99	100	21	0,130	0,212	1,632	1,165

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 921 405,018	19,281	18,814	50	52	92 555	7 166,272	98 271,110	13,713	13,246
1	3	99 231	94 281,159	1 821 753,321	19,323	18,856	51	53	91 904	6 760,937	91 104,838	13,475	13,008
2	4	99 181	89 533,575	1 727 472,162	19,294	18,827	52	54	91 185	6 373,424	84 343,901	13,234	12,767
3	5	99 150	85 040,962	1 637 938,588	19,261	18,794	53	55	90 416	6 004,468	77 970,477	12,985	12,519
4	6	99 126	80 779,506	1 552 897,626	19,224	18,757	54	56	89 574	5 651,820	71 966,009	12,733	12,266
5	7	99 104	76 732,913	1 472 118,120	19,185	18,718	55	57	88 662	5 315,252	66 314,189	12,476	12,009
6	8	99 084	72 890,855	1 395 385,207	19,143	18,677	56	58	87 687	4 994,588	60 998,937	12,213	11,746
7	9	99 068	69 243,366	1 322 494,352	19,099	18,632	57	59	86 637	4 688,626	56 004,348	11,945	11,478
8	10	99 052	65 778,883	1 253 250,986	19,052	18,586	58	60	85 537	4 398,155	51 315,722	11,668	11,201
9	11	99 035	62 486,708	1 187 472,103	19,004	18,537	59	61	84 317	4 119,172	46 917,567	11,390	10,923
10	12	99 018	59 359,983	1 124 985,395	18,952	18,485	60	62	83 033	3 854,104	42 798,395	11,105	10,638
11	13	99 002	56 389,668	1 065 625,412	18,898	18,431	61	63	81 637	3 600,296	38 944,290	10,817	10,350
12	14	98 982	53 566,402	1 009 235,745	18,841	18,374	62	64	80 181	3 359,698	35 343,994	10,520	10,053
13	15	98 960	50 882,822	955 669,342	18,782	18,315	63	65	78 625	3 130,180	31 984,297	10,218	9,751
14	16	98 938	48 333,938	904 786,520	18,719	18,253	64	66	76 992	2 912,259	28 854,116	9,908	9,441
15	17	98 905	45 908,027	856 452,582	18,656	18,189	65	67	75 262	2 704,806	25 941,857	9,591	9,124
16	18	98 868	43 601,710	810 544,555	18,590	18,123	66	68	73 420	2 507,014	23 237,051	9,269	8,802
17	19	98 817	41 405,473	766 942,845	18,523	18,056	67	69	71 489	2 319,310	20 730,038	8,938	8,471
18	20	98 762	39 318,227	725 537,372	18,453	17,986	68	70	69 430	2 140,161	18 410,728	8,602	8,136
19	21	98 687	37 328,347	686 219,146	18,383	17,917	69	71	67 253	1 969,627	16 270,567	8,261	7,794
20	22	98 612	35 439,361	648 890,799	18,310	17,843	70	72	64 921	1 806,496	14 300,940	7,916	7,450
21	23	98 530	33 643,754	613 451,438	18,234	17,767	71	73	62 408	1 649,963	12 494,444	7,573	7,106
22	24	98 452	31 940,269	579 807,684	18,153	17,686	72	74	59 742	1 500,689	10 844,480	7,226	6,760
23	25	98 374	30 323,078	547 867,415	18,068	17,601	73	75	56 883	1 357,602	9 343,792	6,883	6,416
24	26	98 298	28 788,241	517 544,337	17,978	17,511	74	76	53 833	1 220,713	7 986,190	6,542	6,075
25	27	98 215	27 329,187	488 756,095	17,884	17,417	75	77	50 575	1 089,621	6 765,477	6,209	5,742
26	28	98 132	25 943,886	461 426,908	17,786	17,319	76	78	47 160	965,364	5 675,856	5,879	5,413
27	29	98 046	24 628,320	435 483,022	17,682	17,215	77	79	43 578	847,547	4 710,492	5,558	5,091
28	30	97 957	23 378,533	410 854,702	17,574	17,107	78	80	39 857	736,514	3 862,945	5,245	4,778
29	31	97 870	22 192,526	387 476,170	17,460	16,993	79	81	36 007	632,181	3 126,430	4,945	4,479
30	32	97 775	21 065,100	365 283,644	17,341	16,874	80	82	32 151	536,329	2 494,249	4,651	4,184
31	33	97 676	19 994,124	344 218,545	17,216	16,749	81	83	28 264	447,964	1 957,920	4,371	3,904
32	34	97 568	18 975,843	324 224,421	17,086	16,619	82	84	24 449	368,177	1 509,956	4,101	3,634
33	35	97 456	18 008,534	305 248,578	16,950	16,483	83	85	20 776	297,258	1 141,780	3,841	3,374
34	36	97 344	17 090,533	287 240,044	16,807	16,340	84	86	17 288	235,013	844,522	3,594	3,127
35	37	97 220	16 217,351	270 149,511	16,658	16,191	85	87	14 051	181,482	609,509	3,359	2,892
36	38	97 084	15 386,964	253 932,160	16,503	16,036	86	88	11 037	135,439	428,027	3,160	2,693
37	39	96 938	14 597,496	238 545,196	16,342	15,875	87	89	8 440	98,400	292,588	2,973	2,507
38	40	96 775	13 845,913	223 947,700	16,174	15,707	88	90	6 230	69,014	194,188	2,814	2,347
39	41	96 602	13 131,731	210 101,787	16,000	15,533	89	91	4 506	47,429	125,174	2,639	2,172
40	42	96 408	12 451,702	196 970,056	15,819	15,352	90	92	3 114	31,137	77,745	2,497	2,030
41	43	96 185	11 803,291	184 518,353	15,633	15,166	91	93	2 096	19,919	46,608	2,340	1,873
42	44	95 941	11 186,050	172 715,063	15,440	14,973	92	94	1 340	12,095	26,689	2,207	1,740
43	45	95 678	10 598,938	161 529,013	15,240	14,773	93	95	812	6,968	14,595	2,095	1,628
44	46	95 365	10 037,289	150 930,075	15,037	14,570	94	96	470	3,830	7,627	1,991	1,524
45	47	95 014	9 501,563	140 892,785	14,828	14,362	95	97	258	2,001	3,796	1,897	1,430
46	48	94 621	8 990,223	131 391,222	14,615	14,148	96	98	135	0,991	1,795	1,812	1,345
47	49	94 185	8 502,468	122 400,999	14,396	13,929	97	99	66	0,464	0,804	1,734	1,268
48	50	93 698	8 036,517	113 898,531	14,173	13,706	98	100	31	0,205	0,341	1,664	1,197
49	51	93 149	7 590,904	105 862,013	13,946	13,479							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 919 944,897	19,270	18,803	50	53	92 298	7 146,415	97 279,043	13,612	13,145
1	4	99 217	94 267,640	1 820 309,267	19,310	18,843	51	54	91 625	6 740,389	90 132,628	13,372	12,905
2	5	99 169	89 522,844	1 726 041,626	19,280	18,814	52	55	90 894	6 353,117	83 392,239	13,126	12,659
3	6	99 141	85 033,269	1 636 518,782	19,246	18,779	53	56	90 091	5 982,867	77 039,122	12,877	12,410
4	7	99 119	80 773,029	1 551 485,513	19,208	18,741	54	57	89 234	5 630,383	71 056,255	12,620	12,153
5	8	99 096	76 726,502	1 470 712,483	19,168	18,701	55	58	88 297	5 293,320	65 425,871	12,360	11,893
6	9	99 078	72 886,327	1 393 985,981	19,125	18,659	56	59	87 288	4 971,815	60 132,551	12,095	11,628
7	10	99 062	69 238,971	1 321 099,654	19,080	18,613	57	60	86 223	4 666,222	55 160,736	11,821	11,354
8	11	99 044	65 773,584	1 251 860,683	19,033	18,566	58	61	85 069	4 374,107	50 494,514	11,544	11,077
9	12	99 027	62 481,745	1 186 087,099	18,983	18,516	59	62	83 837	4 095,753	46 120,407	11,261	10,794
10	13	99 011	59 355,432	1 123 605,354	18,930	18,463	60	63	82 512	3 829,921	42 024,655	10,973	10,506
11	14	98 992	56 384,120	1 064 249,922	18,878	18,408	61	64	81 093	3 576,287	38 194,734	10,680	10,213
12	15	98 970	53 559,771	1 007 865,801	18,818	18,351	62	65	79 604	3 335,522	34 618,447	10,379	9,912
13	16	98 946	50 875,924	954 306,030	18,758	18,291	63	66	78 016	3 105,945	31 282,925	10,072	9,605
14	17	98 922	48 326,168	903 430,106	18,694	18,228	64	67	76 359	2 888,321	28 176,980	9,755	9,289
15	18	98 888	45 899,968	855 103,938	18,630	18,163	65	68	74 583	2 680,410	25 288,659	9,435	8,968
16	19	98 847	43 592,186	809 203,970	18,563	18,096	66	69	72 701	2 482,457	22 608,250	9,107	8,640
17	20	98 796	41 396,568	765 611,784	18,495	18,028	67	70	70 705	2 293,873	20 125,972	8,774	8,307
18	21	98 742	39 309,931	724 215,215	18,423	17,956	68	71	68 601	2 114,590	17 831,920	8,433	7,966
19	22	98 665	37 320,279	684 905,284	18,352	17,885	69	72	66 355	1 943,347	15 717,330	8,088	7,621
20	23	98 589	35 431,217	647 585,006	18,277	17,810	70	73	63 916	1 778,540	13 773,984	7,745	7,278
21	24	98 508	33 636,101	612 153,789	18,199	17,733	71	74	61 327	1 621,361	11 995,443	7,398	6,932
22	25	98 430	31 933,007	578 517,688	18,117	17,650	72	75	58 588	1 471,689	10 374,083	7,049	6,582
23	26	98 352	30 316,321	546 584,681	18,029	17,563	73	76	55 616	1 327,353	8 902,394	6,707	6,240
24	27	98 272	28 780,550	516 268,359	17,938	17,471	74	77	52 469	1 189,771	7 575,041	6,367	5,900
25	28	98 190	27 322,133	487 487,809	17,842	17,375	75	78	49 110	1 058,072	6 385,270	6,035	5,568
26	29	98 106	25 937,147	460 165,676	17,742	17,275	76	79	45 591	933,258	5 327,198	5,708	5,241
27	30	98 019	24 621,489	434 228,529	17,636	17,169	77	80	41 941	815,721	4 393,940	5,387	4,920
28	31	97 930	23 372,117	409 607,040	17,525	17,059	78	81	38 128	704,569	3 578,219	5,079	4,612
29	32	97 838	22 185,290	386 234,923	17,410	16,943	79	82	34 225	600,891	2 873,650	4,782	4,316
30	33	97 741	21 057,804	364 049,633	17,288	16,821	80	83	30 323	505,830	2 272,759	4,493	4,026
31	34	97 641	19 986,890	342 991,829	17,161	16,694	81	84	26 428	418,864	1 766,930	4,218	3,752
32	35	97 529	18 968,142	323 004,939	17,029	16,562	82	85	22 641	340,937	1 348,065	3,954	3,487
33	36	97 414	18 000,859	304 036,797	16,890	16,423	83	86	19 004	271,903	1 007,128	3,704	3,237
34	37	97 298	17 082,564	286 035,938	16,744	16,278	84	87	15 617	212,299	735,225	3,463	2,996
35	38	97 168	16 208,809	268 953,374	16,593	16,126	85	88	12 440	160,673	522,926	3,255	2,788
36	39	97 027	15 377,893	252 744,565	16,436	15,969	86	89	9 652	118,447	362,253	3,058	2,592
37	40	96 870	14 587,230	237 366,672	16,272	15,805	87	90	7 260	84,647	243,806	2,880	2,413
38	41	96 706	13 836,043	222 779,442	16,101	15,635	88	91	5 307	58,786	159,160	2,707	2,241
39	42	96 521	13 120,819	208 943,399	15,925	15,458	89	92	3 726	39,217	100,373	2,559	2,093
40	43	96 317	12 439,924	195 822,580	15,741	15,275	90	93	2 525	25,253	61,157	2,422	1,955
41	44	96 084	11 790,832	183 382,656	15,553	15,086	91	94	1 663	15,798	35,904	2,273	1,806
42	45	95 833	11 173,401	171 591,824	15,357	14,890	92	95	1 038	9,369	20,106	2,146	1,679
43	46	95 549	10 584,602	160 418,424	15,156	14,689	93	96	614	5,264	10,737	2,040	1,573
44	47	95 217	10 021,722	149 833,821	14,951	14,484	94	97	346	2,819	5,473	1,941	1,475
45	48	94 850	9 485,074	139 812,099	14,740	14,273	95	98	185	1,433	2,654	1,852	1,385
46	49	94 446	8 973,565	130 327,025	14,523	14,057	96	99	94	0,689	1,221	1,771	1,304
47	50	93 988	8 484,680	121 353,460	14,303	13,836	97	100	45	0,313	0,531	1,697	1,231
48	51	93 479	8 017,740	112 868,780	14,077	13,611							
49	52	92 917	7 571,997	104 851,040	13,847	13,380							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 918 381,590	19,257	18,790	50	54	92 018	7 124,696	96 213,011	13,504	13,037
1	5	99 205	94 256,343	1 818 760,246	19,296	18,829	51	55	91 333	6 718,913	89 088,315	13,259	12,793
2	6	99 161	89 514,746	1 724 503,903	19,265	18,798	52	56	90 567	6 330,262	82 369,401	13,012	12,545
3	7	99 133	85 026,452	1 634 989,157	19,229	18,762	53	57	89 749	5 960,174	76 039,140	12,758	12,291
4	8	99 110	80 766,281	1 549 962,706	19,191	18,724	54	58	88 866	5 607,151	70 078,966	12,498	12,031
5	9	99 090	76 721,737	1 469 196,424	19,150	18,683	55	59	87 894	5 269,185	64 471,815	12,236	11,769
6	10	99 072	72 881,700	1 392 474,688	19,106	18,639	56	60	86 871	4 948,058	59 202,630	11,965	11,498
7	11	99 054	69 233,393	1 319 592,988	19,060	18,593	57	61	85 752	4 640,708	54 254,572	11,691	11,224
8	12	99 036	65 768,360	1 250 359,595	19,012	18,545	58	62	84 585	4 349,238	49 613,864	11,407	10,941
9	13	99 019	62 476,956	1 184 591,235	18,960	18,494	59	63	83 311	4 070,053	45 264,627	11,121	10,655
10	14	99 001	59 349,594	1 122 114,279	18,907	18,440	60	64	81 962	3 804,380	41 194,574	10,828	10,361
11	15	98 980	56 377,140	1 062 764,686	18,851	18,384	61	65	80 509	3 550,553	37 390,194	10,531	10,064
12	16	98 957	53 552,510	1 006 387,545	18,793	18,326	62	66	78 988	3 309,697	33 839,641	10,224	9,758
13	17	98 930	50 867,745	952 835,035	18,732	18,265	63	67	77 375	3 080,415	30 529,944	9,911	9,444
14	18	98 904	48 317,685	901 967,290	18,667	18,201	64	68	75 670	2 862,270	27 449,529	9,590	9,123
15	19	98 866	45 889,942	853 649,605	18,602	18,135	65	69	73 852	2 654,155	24 587,260	9,264	8,797
16	20	98 825	43 582,811	807 759,663	18,534	18,067	66	70	71 904	2 455,230	21 933,105	8,933	8,466
17	21	98 775	41 387,834	764 176,851	18,464	17,997	67	71	69 860	2 266,465	19 477,875	8,594	8,127
18	22	98 720	39 301,434	722 789,017	18,391	17,924	68	72	67 685	2 086,375	17 211,410	8,249	7,783
19	23	98 643	37 311,703	683 487,583	18,318	17,852	69	73	65 328	1 913,273	15 125,035	7,905	7,439
20	24	98 567	35 423,158	646 175,881	18,242	17,775	70	74	62 808	1 747,709	13 211,762	7,559	7,093
21	25	98 485	33 628,454	610 752,722	18,162	17,695	71	75	60 142	1 590,029	11 464,054	7,210	6,743
22	26	98 408	31 925,891	577 124,269	18,077	17,610	72	76	57 282	1 438,898	9 874,024	6,862	6,395
23	27	98 326	30 308,222	545 198,377	17,988	17,522	73	77	54 206	1 293,708	8 435,126	6,520	6,053
24	28	98 247	28 773,121	514 890,156	17,895	17,428	74	78	50 949	1 155,322	7 141,418	6,181	5,715
25	29	98 164	27 315,036	486 117,034	17,797	17,330	75	79	47 477	1 022,882	5 986,097	5,852	5,385
26	30	98 079	25 929,953	458 801,998	17,694	17,227	76	80	43 879	898,213	4 963,214	5,526	5,059
27	31	97 992	24 614,732	432 872,045	17,586	17,119	77	81	40 122	780,341	4 065,001	5,209	4,742
28	32	97 898	23 364,497	408 257,313	17,473	17,007	78	82	36 241	669,696	3 284,660	4,905	4,438
29	33	97 804	22 177,606	384 892,816	17,355	16,888	79	83	32 279	566,719	2 614,964	4,614	4,147
30	34	97 706	21 050,185	362 715,209	17,231	16,764	80	84	28 353	472,971	2 048,245	4,331	3,864
31	35	97 601	19 978,779	341 665,024	17,101	16,635	81	85	24 473	387,874	1 575,273	4,061	3,595
32	36	97 487	18 960,059	321 686,245	16,967	16,500	82	86	20 709	311,857	1 187,399	3,808	3,341
33	37	97 369	17 992,465	302 726,186	16,825	16,358	83	87	17 167	245,624	875,543	3,565	3,098
34	38	97 247	17 073,566	284 733,721	16,677	16,210	84	88	13 827	187,957	629,919	3,351	2,885
35	39	97 111	16 199,253	267 660,155	16,523	16,056	85	89	10 879	140,515	441,962	3,145	2,679
36	40	96 959	15 367,078	251 460,902	16,364	15,897	86	90	8 303	101,891	301,447	2,959	2,492
37	41	96 801	14 576,833	236 093,824	16,197	15,730	87	91	6 184	72,102	199,556	2,768	2,301
38	42	96 625	13 824,546	221 516,992	16,023	15,557	88	92	4 388	48,608	127,453	2,622	2,155
39	43	96 430	13 108,407	207 692,446	15,844	15,377	89	93	3 022	31,805	78,846	2,479	2,012
40	44	96 215	12 426,793	194 584,038	15,658	15,192	90	94	2 003	20,028	47,040	2,349	1,882
41	45	95 975	11 777,498	182 157,245	15,467	15,000	91	95	1 288	12,237	27,012	2,207	1,741
42	46	95 703	11 158,288	170 379,747	15,269	14,803	92	96	784	7,079	14,775	2,087	1,620
43	47	95 401	10 568,186	159 221,459	15,066	14,599	93	97	452	3,875	7,696	1,986	1,519
44	48	95 052	10 004,331	148 653,273	14,859	14,392	94	98	248	2,019	3,821	1,893	1,426
45	49	94 674	9 467,499	138 648,942	14,645	14,178	95	99	129	0,997	1,803	1,808	1,341
46	50	94 248	8 954,791	129 181,444	14,426	13,959	96	100	63	0,465	0,806	1,731	1,265
47	51	93 769	8 464,856	120 226,652	14,203	13,736							
48	52	93 246	7 997,770	111 761,796	13,974	13,507							
49	53	92 659	7 551,016	103 764,026	13,742	13,275							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 916 706,456	19,242	18,775	50	55	91 725	7 101,995	95 069,786	13,386	12,920
1	6	99 196	94 247,816	1 817 097,051	19,280	18,813	51	56	91 004	6 694,742	87 967,791	13,140	12,673
2	7	99 153	89 507,569	1 722 849,235	19,248	18,781	52	57	90 224	6 306,252	81 273,049	12,888	12,421
3	8	99 125	85 019,348	1 633 341,666	19,211	18,745	53	58	89 379	5 935,581	74 966,797	12,630	12,163
4	9	99 104	80 761,265	1 548 322,317	19,172	18,705	54	59	88 461	5 581,584	69 031,216	12,368	11,901
5	10	99 084	76 716,866	1 467 561,053	19,130	18,663	55	60	87 474	5 244,007	63 449,632	12,099	11,633
6	11	99 064	72 875,829	1 390 844,187	19,085	18,618	56	61	86 396	4 921,002	58 205,625	11,828	11,361
7	12	99 046	69 227,894	1 317 968,358	19,038	18,571	57	62	85 264	4 614,323	53 284,623	11,548	11,081
8	13	99 029	65 763,319	1 248 740,464	18,988	18,522	58	63	84 055	4 321,947	48 670,300	11,261	10,794
9	14	99 009	62 470,810	1 182 977,145	18,936	18,470	59	64	82 756	4 042,911	44 348,352	10,969	10,503
10	15	98 989	59 342,246	1 120 506,335	18,882	18,415	60	65	81 372	3 777,005	40 305,441	10,671	10,204
11	16	98 966	56 369,498	1 061 164,089	18,825	18,358	61	66	79 886	3 523,063	36 528,437	10,368	9,902
12	17	98 941	53 543,901	1 004 794,591	18,766	18,299	62	67	78 338	3 282,492	33 005,374	10,055	9,588
13	18	98 913	50 858,816	951 250,690	18,704	18,237	63	68	76 677	3 052,631	29 722,882	9,737	9,270
14	19	98 883	48 307,131	900 391,874	18,639	18,172	64	69	74 929	2 834,233	26 670,251	9,410	8,943
15	20	98 845	45 880,073	852 084,743	18,572	18,105	65	70	73 042	2 625,045	23 836,018	9,080	8,613
16	21	98 805	43 573,616	806 204,670	18,502	18,035	66	71	71 045	2 425,895	21 210,973	8,744	8,277
17	22	98 754	41 378,888	762 631,054	18,430	17,964	67	72	68 928	2 236,223	18 785,079	8,400	7,934
18	23	98 698	39 292,403	721 252,166	18,356	17,889	68	73	66 638	2 054,088	16 548,855	8,057	7,590
19	24	98 620	37 303,216	681 959,763	18,282	17,815	69	74	64 196	1 880,106	14 494,768	7,710	7,243
20	25	98 544	35 415,105	644 656,547	18,203	17,736	70	75	61 594	1 713,936	12 614,662	7,360	6,893
21	26	98 463	33 620,960	609 241,443	18,121	17,654	71	76	58 802	1 554,602	10 900,726	7,012	6,545
22	27	98 381	31 917,362	575 620,483	18,035	17,568	72	77	55 830	1 402,426	9 346,125	6,664	6,197
23	28	98 301	30 300,398	543 703,121	17,944	17,477	73	78	52 637	1 256,249	7 943,699	6,323	5,857
24	29	98 221	28 765,648	513 402,723	17,848	17,381	74	79	49 255	1 116,898	6 687,450	5,988	5,521
25	30	98 137	27 307,460	484 637,075	17,747	17,281	75	80	45 694	984,472	5 570,552	5,658	5,192
26	31	98 052	25 922,837	457 329,615	17,642	17,175	76	81	41 976	859,255	4 586,080	5,337	4,870
27	32	97 960	24 606,707	431 406,777	17,532	17,065	77	82	38 136	741,717	3 726,824	5,025	4,558
28	33	97 864	23 356,405	406 800,070	17,417	16,950	78	83	34 180	631,612	2 985,107	4,726	4,259
29	34	97 768	22 169,583	383 443,666	17,296	16,829	79	84	30 182	529,906	2 353,495	4,441	3,975
30	35	97 666	21 041,643	361 274,083	17,169	16,703	80	85	26 256	437,978	1 823,589	4,164	3,697
31	36	97 559	19 970,265	340 232,440	17,037	16,570	81	86	22 385	354,790	1 385,611	3,905	3,439
32	37	97 442	18 951,218	320 262,176	16,899	16,432	82	87	18 708	281,716	1 030,821	3,659	3,192
33	38	97 318	17 982,989	301 310,958	16,755	16,289	83	88	15 199	217,460	749,105	3,445	2,978
34	39	97 190	17 063,500	283 327,969	16,604	16,138	84	89	12 092	164,375	531,645	3,234	2,768
35	40	97 043	16 187,860	266 264,469	16,448	15,982	85	90	9 359	120,875	367,269	3,038	2,572
36	41	96 890	15 356,124	250 076,609	16,285	15,818	86	91	7 073	86,791	246,394	2,839	2,372
37	42	96 721	14 564,720	234 720,484	16,116	15,649	87	92	5 113	59,618	159,603	2,677	2,210
38	43	96 534	13 811,469	220 155,765	15,940	15,473	88	93	3 559	39,422	99,984	2,536	2,069
39	44	96 328	13 094,571	206 344,296	15,758	15,291	89	94	2 397	25,225	60,563	2,401	1,934
40	45	96 106	12 412,740	193 249,725	15,569	15,102	90	95	1 551	15,514	35,337	2,278	1,811
41	46	95 845	11 761,569	180 836,985	15,375	14,908	91	96	973	9,246	19,823	2,144	1,677
42	47	95 555	11 140,982	169 075,416	15,176	14,709	92	97	577	5,210	10,577	2,030	1,563
43	48	95 235	10 549,846	157 934,434	14,970	14,504	93	98	323	2,774	5,367	1,935	1,468
44	49	94 876	9 985,793	147 384,588	14,759	14,293	94	99	172	1,404	2,593	1,846	1,379
45	50	94 476	9 447,692	137 398,795	14,543	14,076	95	100	87	0,673	1,188	1,766	1,299
46	51	94 028	8 933,869	127 951,103	14,322	13,855							
47	52	93 535	8 443,772	119 017,234	14,095	13,628							
48	53	92 988	7 975,609	110 573,462	13,864	13,397							
49	54	92 378	7 528,067	102 597,853	13,629	13,162							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 914 909,988	19,226	18,759	50	56	91 395	7 076,446	93 845,233	13,262	12,795
1	7	99 188	94 240,260	1 815 309,594	19,263	18,796	51	57	90 659	6 669,349	86 768,787	13,010	12,543
2	8	99 144	89 500,091	1 721 069,334	19,230	18,763	52	58	89 851	6 280,230	80 099,437	12,754	12,287
3	9	99 119	85 014,067	1 631 569,243	19,192	18,725	53	59	88 971	5 908,517	73 819,207	12,494	12,027
4	10	99 098	80 756,138	1 546 555,175	19,151	18,684	54	60	88 038	5 554,914	67 910,690	12,225	11,759
5	11	99 076	76 710,686	1 465 799,038	19,108	18,641	55	61	86 996	5 215,333	62 355,777	11,956	11,489
6	12	99 056	72 870,041	1 389 088,352	19,063	18,596	56	62	85 904	4 893,024	57 140,444	11,678	11,211
7	13	99 038	69 222,588	1 316 218,311	19,014	18,547	57	63	84 729	4 585,369	52 247,420	11,394	10,928
8	14	99 019	65 756,849	1 246 995,724	18,964	18,497	58	64	83 494	4 293,126	47 662,050	11,102	10,635
9	15	98 997	62 463,076	1 181 238,874	18,911	18,444	59	65	82 160	4 013,819	43 368,924	10,805	10,338
10	16	98 975	59 334,202	1 118 775,798	18,855	18,389	60	66	80 742	3 747,761	39 355,105	10,501	10,034
11	17	98 950	56 360,436	1 059 441,596	18,798	18,331	61	67	79 229	3 494,104	35 607,344	10,191	9,724
12	18	98 923	53 534,502	1 003 081,160	18,737	18,270	62	68	77 632	3 252,885	32 113,240	9,872	9,405
13	19	98 891	50 847,707	949 546,658	18,674	18,208	63	69	75 926	3 022,730	28 860,355	9,548	9,081
14	20	98 862	48 296,742	898 698,951	18,608	18,141	64	70	74 107	2 803,148	25 837,625	9,217	8,751
15	21	98 824	45 870,393	850 402,210	18,539	18,072	65	71	72 169	2 593,680	23 034,477	8,881	8,414
16	22	98 783	43 564,198	804 531,817	18,468	18,001	66	72	70 097	2 393,526	20 440,797	8,540	8,073
17	23	98 731	41 369,380	760 967,619	18,394	17,928	67	73	67 861	2 201,618	18 047,271	8,197	7,730
18	24	98 675	39 283,466	719 598,239	18,318	17,851	68	74	65 483	2 018,479	15 845,653	7,850	7,383
19	25	98 598	37 294,735	680 314,774	18,242	17,775	69	75	62 955	1 843,774	13 827,174	7,499	7,033
20	26	98 522	35 407,212	643 020,039	18,161	17,694	70	76	60 222	1 675,747	11 983,399	7,151	6,684
21	27	98 437	33 611,978	607 612,827	18,077	17,610	71	77	57 311	1 515,196	10 307,652	6,803	6,336
22	28	98 356	31 909,123	574 000,849	17,989	17,522	72	78	54 214	1 361,819	8 792,456	6,456	5,990
23	29	98 275	30 292,528	542 091,726	17,895	17,428	73	79	50 886	1 214,469	7 430,637	6,118	5,652
24	30	98 194	28 757,670	511 799,197	17,797	17,330	74	80	47 405	1 074,958	6 216,168	5,783	5,316
25	31	98 110	27 299,966	483 041,528	17,694	17,227	75	81	43 712	941,773	5 141,210	5,459	4,992
26	32	98 020	25 914,386	455 741,562	17,586	17,120	76	82	39 898	816,726	4 199,438	5,142	4,675
27	33	97 926	24 598,185	429 827,176	17,474	17,007	77	83	35 968	699,537	3 382,712	4,836	4,369
28	34	97 829	23 347,954	405 228,992	17,356	16,889	78	84	31 960	590,583	2 683,175	4,543	4,076
29	35	97 729	22 160,586	381 881,037	17,232	16,766	79	85	27 949	490,700	2 092,592	4,265	3,798
30	36	97 624	21 032,676	359 720,451	17,103	16,636	80	86	24 016	400,621	1 601,892	3,999	3,532
31	37	97 514	19 960,952	338 687,776	16,968	16,501	81	87	20 222	320,500	1 201,271	3,748	3,281
32	38	97 390	18 941,236	318 726,824	16,827	16,360	82	88	16 563	249,414	880,771	3,531	3,065
33	39	97 260	17 972,386	299 785,587	16,680	16,214	83	89	13 292	190,177	631,356	3,320	2,853
34	40	97 121	17 051,500	281 813,201	16,527	16,060	84	90	10 402	141,401	441,179	3,120	2,653
35	41	96 974	16 176,322	264 761,701	16,367	15,900	85	91	7 972	102,962	299,778	2,912	2,445
36	42	96 809	15 343,364	248 585,379	16,201	15,735	86	92	5 848	71,764	196,816	2,743	2,276
37	43	96 629	14 550,942	233 242,015	16,029	15,563	87	93	4 147	48,351	125,052	2,586	2,120
38	44	96 432	13 796,890	218 691,073	15,851	15,384	88	94	2 822	31,266	76,701	2,453	1,986
39	45	96 219	13 079,763	204 894,183	15,665	15,198	89	95	1 856	19,540	45,435	2,325	1,858
40	46	95 976	12 395,951	191 814,420	15,474	15,007	90	96	1 172	11,722	25,895	2,209	1,742
41	47	95 697	11 743,327	179 418,469	15,278	14,812	91	97	716	6,805	14,173	2,083	1,616
42	48	95 389	11 121,648	167 675,141	15,076	14,610	92	98	413	3,730	7,368	1,975	1,508
43	49	95 059	10 530,298	156 553,493	14,867	14,400	93	99	225	1,930	3,638	1,885	1,418
44	50	94 677	9 964,902	146 023,196	14,654	14,187	94	100	116	0,948	1,708	1,801	1,334
45	51	94 255	9 425,618	136 058,294	14,435	13,968							
46	52	93 794	8 911,616	126 632,676	14,210	13,743							
47	53	93 276	8 420,376	117 721,060	13,980	13,514							
48	54	92 705	7 951,370	109 300,684	13,746	13,279							
49	55	92 083	7 504,081	101 349,314	13,506	13,039							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 912 981,755	19,208	18,741	50	57	91 048	7 049,606	92 537,164	13,127	12,660
1	8	99 180	94 232,386	1 813 389,347	19,244	18,777	51	58	90 285	6 641,830	85 487,558	12,871	12,404
2	9	99 138	89 494,532	1 719 156,960	19,210	18,743	52	59	89 442	6 251,595	78 845,728	12,612	12,145
3	10	99 113	85 008,670	1 629 662,428	19,171	18,704	53	60	88 546	5 880,284	72 594,134	12,345	11,879
4	11	99 090	80 749,632	1 544 653,758	19,129	18,662	54	61	87 557	5 524,540	66 713,850	12,076	11,609
5	12	99 068	76 704,593	1 463 904,126	19,085	18,618	55	62	86 501	5 185,681	61 189,310	11,800	11,333
6	13	99 049	72 864,455	1 387 199,532	19,038	18,571	56	63	85 365	4 862,322	56 003,629	11,518	11,051
7	14	99 028	69 215,778	1 314 335,077	18,989	18,522	57	64	84 164	4 554,791	51 141,307	11,228	10,761
8	15	99 007	65 748,709	1 245 119,299	18,938	18,471	58	65	82 893	4 262,233	46 586,516	10,930	10,463
9	16	98 984	62 454,609	1 179 370,590	18,884	18,417	59	66	81 524	3 982,742	42 324,282	10,627	10,160
10	17	98 959	59 324,663	1 116 915,981	18,827	18,360	60	67	80 078	3 716,956	38 341,540	10,315	9,849
11	18	98 933	56 350,542	1 057 591,318	18,768	18,301	61	68	78 514	3 462,588	34 624,585	10,000	9,533
12	19	98 902	53 522,808	1 001 240,776	18,707	18,240	62	69	76 871	3 221,023	31 161,996	9,675	9,208
13	20	98 870	50 836,772	947 717,968	18,642	18,176	63	70	75 094	2 989,578	27 940,974	9,346	8,879
14	21	98 841	48 286,552	896 881,196	18,574	18,107	64	71	73 222	2 769,656	24 951,396	9,009	8,542
15	22	98 803	45 860,478	848 594,644	18,504	18,037	65	72	71 206	2 559,073	22 181,740	8,668	8,201
16	23	98 761	43 554,187	802 734,166	18,431	17,964	66	73	69 012	2 356,486	19 622,668	8,327	7,860
17	24	98 709	41 359,970	759 179,979	18,355	17,889	67	74	66 685	2 163,452	17 266,182	7,981	7,514
18	25	98 653	39 274,534	717 820,010	18,277	17,810	68	75	64 217	1 979,474	15 102,730	7,630	7,163
19	26	98 576	37 286,424	678 545,475	18,198	17,731	69	76	61 553	1 802,693	13 123,256	7,280	6,813
20	27	98 496	35 397,753	641 259,051	18,116	17,649	70	77	58 696	1 633,271	11 320,563	6,931	6,464
21	28	98 412	33 603,302	605 861,298	18,030	17,563	71	78	55 652	1 471,325	9 687,292	6,584	6,117
22	29	98 331	31 900,835	572 257,996	17,939	17,472	72	79	52 411	1 316,528	8 215,968	6,241	5,774
23	30	98 248	30 284,126	540 357,161	17,843	17,376	73	80	48 975	1 168,865	6 899,440	5,903	5,436
24	31	98 167	28 749,777	510 073,035	17,742	17,275	74	81	45 349	1 028,333	5 730,575	5,573	5,106
25	32	98 078	27 291,065	481 323,258	17,637	17,170	75	82	41 549	895,159	4 702,242	5,253	4,786
26	33	97 986	25 905,410	454 032,193	17,527	17,060	76	83	37 630	770,280	3 807,083	4,942	4,476
27	34	97 891	24 589,285	428 126,782	17,411	16,944	77	84	33 631	654,096	3 036,803	4,643	4,176
28	35	97 789	23 338,479	403 537,497	17,291	16,824	78	85	29 595	546,888	2 382,707	4,357	3,890
29	36	97 687	22 151,142	380 199,018	17,164	16,697	79	86	25 565	448,846	1 835,818	4,090	3,623
30	37	97 579	21 022,868	358 047,875	17,031	16,565	80	87	21 695	361,901	1 386,973	3,832	3,366
31	38	97 463	19 950,439	337 025,008	16,893	16,426	81	88	17 903	283,751	1 025,071	3,613	3,146
32	39	97 333	18 930,069	317 074,569	16,750	16,283	82	89	14 485	218,122	741,320	3,399	2,932
33	40	97 192	17 959,747	298 144,500	16,601	16,134	83	90	11 434	163,596	523,198	3,198	2,731
34	41	97 052	17 039,346	280 184,753	16,443	15,977	84	91	8 860	120,446	359,602	2,986	2,519
35	42	96 893	16 162,880	263 145,407	16,281	15,814	85	92	6 592	85,135	239,156	2,809	2,342
36	43	96 718	15 328,850	246 982,527	16,112	15,645	86	93	4 743	58,202	154,021	2,646	2,180
37	44	96 527	14 535,583	231 653,678	15,937	15,470	87	94	3 289	38,348	95,819	2,499	2,032
38	45	96 323	13 781,288	217 118,095	15,755	15,288	88	95	2 186	24,219	57,471	2,373	1,906
39	46	96 089	13 062,072	203 336,806	15,567	15,100	89	96	1 403	14,763	33,252	2,252	1,786
40	47	95 827	12 376,726	190 274,735	15,374	14,907	90	97	863	8,627	18,489	2,143	1,676
41	48	95 531	11 722,948	177 898,008	15,175	14,708	91	98	513	4,873	9,861	2,024	1,557
42	49	95 212	11 101,040	166 175,060	14,969	14,503	92	99	287	2,595	4,989	1,922	1,455
43	50	94 860	10 508,268	155 074,020	14,757	14,291	93	100	152	1,303	2,393	1,837	1,370
44	51	94 456	9 941,619	144 565,753	14,541	14,075							
45	52	94 020	9 402,141	134 624,134	14,318	13,852							
46	53	93 534	8 886,924	125 221,993	14,091	13,624							
47	54	92 993	8 394,784	116 335,069	13,858	13,391							
48	55	92 410	7 926,036	107 940,285	13,618	13,152							
49	56	91 752	7 477,085	100 014,249	13,376	12,909							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 910 912,978	19,189	18,722	50	58	90 672	7 020,517	91 141,842	12,982	12,515
1	9	99 173	94 226,533	1 811 328,890	19,223	18,756	51	59	89 873	6 611,545	84 121,325	12,723	12,257
2	10	99 132	89 488,851	1 717 102,356	19,188	18,721	52	60	89 014	6 221,722	77 509,779	12,458	11,991
3	11	99 105	85 001,822	1 627 613,506	19,148	18,681	53	61	88 062	5 848,131	71 288,057	12,190	11,723
4	12	99 082	80 743,219	1 542 611,684	19,105	18,638	54	62	87 059	5 493,130	65 439,926	11,913	11,446
5	13	99 060	76 698,713	1 461 868,465	19,060	18,593	55	63	85 958	5 153,142	59 946,795	11,633	11,166
6	14	99 039	72 857,287	1 385 169,751	19,012	18,545	56	64	84 796	4 829,896	54 793,653	11,345	10,878
7	15	99 016	69 207,210	1 312 312,464	18,962	18,495	57	65	83 559	4 522,016	49 963,757	11,049	10,582
8	16	98 993	65 739,796	1 243 105,254	18,909	18,443	58	66	82 251	4 229,233	45 441,741	10,745	10,278
9	17	98 968	62 444,568	1 177 365,458	18,855	18,388	59	67	80 854	3 950,005	41 212,507	10,434	9,967
10	18	98 942	59 314,249	1 114 920,890	18,797	18,330	60	68	79 356	3 683,430	37 262,502	10,116	9,649
11	19	98 911	56 338,233	1 055 606,640	18,737	18,270	61	69	77 745	3 428,672	33 579,072	9,794	9,327
12	20	98 881	53 511,298	999 268,407	18,674	18,207	62	70	76 028	3 185,695	30 150,400	9,464	8,998
13	21	98 849	50 826,046	945 757,109	18,608	18,141	63	71	74 196	2 953,858	26 964,705	9,129	8,662
14	22	98 819	48 276,115	894 931,064	18,538	18,071	64	72	72 245	2 732,700	24 010,847	8,786	8,320
15	23	98 780	45 849,940	846 654,949	18,466	17,999	65	73	70 105	2 519,471	21 278,147	8,445	7,979
16	24	98 738	43 544,280	800 805,009	18,391	17,924	66	74	67 816	2 315,635	18 758,677	8,101	7,634
17	25	98 686	41 350,567	757 260,729	18,313	17,846	67	75	65 396	2 121,645	16 443,041	7,750	7,283
18	26	98 631	39 265,782	715 910,163	18,232	17,766	68	76	62 787	1 935,369	14 321,396	7,400	6,933
19	27	98 550	37 276,463	676 644,380	18,152	17,685	69	77	59 992	1 756,999	12 386,027	7,050	6,583
20	28	98 470	35 388,616	639 367,918	18,067	17,600	70	78	56 996	1 585,981	10 629,028	6,702	6,235
21	29	98 386	33 594,574	603 979,302	17,978	17,512	71	79	53 801	1 422,391	9 043,048	6,358	5,891
22	30	98 303	31 891,987	570 384,728	17,885	17,418	72	80	50 443	1 267,091	7 620,657	6,014	5,547
23	31	98 221	30 275,815	538 492,741	17,786	17,319	73	81	46 851	1 118,167	6 353,565	5,682	5,215
24	32	98 135	28 740,404	508 216,926	17,683	17,216	74	82	43 105	977,435	5 235,398	5,356	4,889
25	33	98 044	27 281,613	479 476,522	17,575	17,108	75	83	39 186	844,253	4 257,963	5,043	4,577
26	34	97 951	25 896,038	452 194,909	17,462	16,995	76	84	35 185	720,243	3 413,710	4,740	4,273
27	35	97 851	24 579,306	426 298,871	17,344	16,877	77	85	31 143	605,702	2 693,466	4,447	3,980
28	36	97 748	23 328,533	401 719,564	17,220	16,753	78	86	27 071	500,241	2 087,764	4,174	3,707
29	37	97 642	22 140,813	378 391,031	17,090	16,623	79	87	23 094	405,466	1 587,523	3,915	3,449
30	38	97 527	21 011,795	356 250,218	16,955	16,488	80	88	19 207	320,405	1 182,057	3,689	3,222
31	39	97 405	19 938,677	335 238,423	16,813	16,347	81	89	15 657	248,151	861,652	3,472	3,005
32	40	97 264	18 916,756	315 299,746	16,668	16,201	82	90	12 460	187,635	613,501	3,270	2,803
33	41	97 123	17 946,945	296 382,990	16,514	16,048	83	91	9 740	139,352	425,865	3,056	2,589
34	42	96 971	17 025,187	278 436,045	16,354	15,888	84	92	7 326	99,591	286,513	2,877	2,410
35	43	96 801	16 147,590	261 410,858	16,189	15,722	85	93	5 346	69,046	186,922	2,707	2,240
36	44	96 615	15 312,669	245 263,268	16,017	15,550	86	94	3 762	46,161	117,877	2,554	2,087
37	45	96 418	14 519,146	229 950,598	15,838	15,371	87	95	2 548	29,705	71,716	2,414	1,947
38	46	96 193	13 762,648	215 431,453	15,653	15,187	88	96	1 652	18,299	42,011	2,296	1,829
39	47	95 940	13 041,814	201 668,804	15,463	14,996	89	97	1 032	10,866	23,712	2,182	1,715
40	48	95 661	12 355,248	188 626,991	15,267	14,800	90	98	618	6,178	12,846	2,079	1,613
41	49	95 354	11 701,226	176 271,743	15,064	14,598	91	99	357	3,390	6,669	1,967	1,500
42	50	95 013	11 077,816	164 570,518	14,856	14,389	92	100	194	1,752	3,279	1,871	1,404
43	51	94 638	10 483,715	153 492,702	14,641	14,174							
44	52	94 221	9 916,857	143 008,986	14,421	13,954							
45	53	93 760	9 376,089	133 092,130	14,195	13,728							
46	54	93 249	8 859,915	123 716,041	13,964	13,497							
47	55	92 696	8 368,037	114 856,126	13,726	13,259							
48	56	92 077	7 897,522	106 488,089	13,484	13,017							
49	57	91 404	7 448,725	98 590,567	13,236	12,769							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 908 696,062	19,168	18,701	50	59	90 259	6 988,506	89 656,551	12,829	12,362
1	10	99 167	94 220,552	1 809 118,158	19,201	18,734	51	60	89 444	6 579,953	82 668,045	12,564	12,097
2	11	99 124	89 481,641	1 714 897,607	19,165	18,698	52	61	88 528	6 187,703	76 088,092	12,297	11,830
3	12	99 097	84 995,071	1 625 415,965	19,124	18,657	53	62	87 561	5 814,882	69 900,389	12,021	11,554
4	13	99 074	80 737,030	1 540 420,894	19,079	18,613	54	63	86 513	5 458,662	64 085,507	11,740	11,273
5	14	99 050	76 691,169	1 459 683,865	19,033	18,566	55	64	85 385	5 118,778	58 626,845	11,453	10,986
6	15	99 027	72 848,268	1 382 992,696	18,985	18,518	56	65	84 186	4 795,141	53 508,067	11,159	10,692
7	16	99 003	69 197,828	1 310 144,428	18,933	18,467	57	66	82 912	4 487,004	48 712,926	10,856	10,390
8	17	98 977	65 729,228	1 240 946,600	18,880	18,413	58	67	81 575	4 194,470	44 225,921	10,544	10,077
9	18	98 950	62 433,607	1 175 217,373	18,823	18,357	59	68	80 125	3 914,377	40 031,451	10,227	9,760
10	19	98 920	59 301,293	1 112 783,766	18,765	18,298	60	69	78 579	3 647,350	36 117,074	9,902	9,435
11	20	98 890	56 326,117	1 053 482,473	18,703	18,236	61	70	76 893	3 391,067	32 469,723	9,575	9,108
12	21	98 860	53 500,007	997 156,355	18,638	18,172	62	71	75 120	3 147,632	29 078,656	9,238	8,771
13	22	98 828	50 815,060	943 656,348	18,570	18,104	63	72	73 206	2 914,444	25 931,024	8,897	8,431
14	23	98 797	48 265,021	892 841,288	18,499	18,032	64	73	71 127	2 690,411	23 016,580	8,555	8,088
15	24	98 758	45 839,511	844 576,267	18,425	17,958	65	74	68 889	2 475,795	20 326,168	8,210	7,743
16	25	98 716	43 534,380	798 736,756	18,347	17,880	66	75	66 505	2 270,888	17 850,374	7,861	7,394
17	26	98 664	41 341,352	755 202,376	18,267	17,801	67	76	63 939	2 074,372	15 579,486	7,510	7,044
18	27	98 604	39 255,292	713 861,024	18,185	17,718	68	77	61 195	1 886,312	13 505,114	7,160	6,693
19	28	98 524	37 266,840	674 605,732	18,102	17,635	69	78	58 255	1 706,126	11 618,802	6,810	6,343
20	29	98 445	35 379,424	637 338,891	18,014	17,548	70	79	55 101	1 533,234	9 912,676	6,465	5,998
21	30	98 359	33 585,256	601 959,467	17,923	17,457	71	80	51 781	1 368,979	8 379,442	6,121	5,654
22	31	98 276	31 883,235	568 374,211	17,827	17,360	72	81	48 255	1 212,134	7 010,462	5,784	5,317
23	32	98 189	30 265,944	536 490,977	17,726	17,259	73	82	44 532	1 062,823	5 798,329	5,456	4,989
24	33	98 101	28 730,450	506 225,032	17,620	17,153	74	83	40 653	921,851	4 735,506	5,137	4,670
25	34	98 009	27 271,743	477 494,582	17,509	17,042	75	84	36 640	789,411	3 813,655	4,831	4,364
26	35	97 911	25 885,529	450 222,839	17,393	16,926	76	85	32 582	666,956	3 024,244	4,534	4,068
27	36	97 810	24 568,832	424 337,310	17,271	16,805	77	86	28 487	554,038	2 357,288	4,255	3,788
28	37	97 702	23 317,655	399 768,479	17,144	16,678	78	87	24 455	451,894	1 803,250	3,990	3,524
29	38	97 590	22 129,151	376 450,824	17,012	16,545	79	88	20 446	358,974	1 351,356	3,764	3,298
30	39	97 470	20 999,407	354 321,672	16,873	16,406	80	89	16 798	280,206	992,382	3,542	3,075
31	40	97 337	19 924,655	333 322,265	16,729	16,262	81	90	13 469	213,467	712,176	3,336	2,869
32	41	97 195	18 903,272	313 397,611	16,579	16,112	82	91	10 614	159,829	498,708	3,120	2,653
33	42	97 042	17 932,032	294 494,338	16,423	15,956	83	92	8 053	115,224	338,880	2,941	2,474
34	43	96 880	17 009,082	276 562,306	16,260	15,793	84	93	5 942	80,770	223,656	2,769	2,302
35	44	96 699	16 130,546	259 553,225	16,091	15,624	85	94	4 240	54,761	142,885	2,609	2,142
36	45	96 506	15 295,354	243 422,679	15,915	15,448	86	95	2 914	35,757	88,124	2,465	1,998
37	46	96 288	14 499,508	228 127,325	15,733	15,267	87	96	1 925	22,444	52,368	2,333	1,867
38	47	96 043	13 741,303	213 627,818	15,546	15,080	88	97	1 216	13,468	29,924	2,222	1,755
39	48	95 774	13 019,181	199 886,514	15,353	14,886	89	98	739	7,781	16,456	2,115	1,648
40	49	95 484	12 332,354	186 867,334	15,153	14,686	90	99	430	4,298	8,675	2,019	1,552
41	50	95 154	11 676,746	174 534,980	14,947	14,480	91	100	241	2,289	4,378	1,913	1,446
42	51	94 791	11 051,933	162 858,234	14,736	14,269							
43	52	94 402	10 457,603	151 806,301	14,516	14,050							
44	53	93 960	9 889,379	141 348,698	14,293	13,826							
45	54	93 475	9 347,593	131 459,320	14,063	13,597							
46	55	92 952	8 831,686	122 111,726	13,827	13,360							
47	56	92 363	8 337,933	113 280,041	13,586	13,119							
48	57	91 728	7 867,567	104 942,108	13,339	12,872							
49	58	91 027	7 417,990	97 074,540	13,086	12,620							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 906 320,597	19,145	18,678	50	60	89 828	6 955,112	88 079,345	12,664	12,197
1	11	99 159	94 212,961	1 806 749,015	19,177	18,710	51	61	88 955	6 543,975	81 124,233	12,397	11,930
2	12	99 116	89 474,535	1 712 536,054	19,140	18,673	52	62	88 024	6 152,523	74 580,258	12,122	11,655
3	13	99 089	84 988,556	1 623 061,519	19,097	18,631	53	63	87 012	5 778,395	68 427,735	11,842	11,375
4	14	99 065	80 729,087	1 538 072,963	19,052	18,585	54	64	85 936	5 422,260	62 649,341	11,554	11,087
5	15	99 038	76 681,675	1 457 343,876	19,005	18,538	55	65	84 771	5 081,944	57 227,080	11,261	10,794
6	16	99 013	72 838,393	1 380 662,201	18,955	18,488	56	66	83 534	4 758,015	52 145,136	10,959	10,493
7	17	98 987	69 186,703	1 307 823,809	18,903	18,436	57	67	82 230	4 450,122	47 387,121	10,648	10,182
8	18	98 960	65 717,690	1 238 637,105	18,848	18,381	58	68	80 840	4 156,637	42 936,998	10,330	9,863
9	19	98 929	62 419,969	1 172 919,416	18,791	18,324	59	69	79 340	3 876,036	38 780,361	10,005	9,538
10	20	98 899	59 288,540	1 110 499,446	18,730	18,264	60	70	77 717	3 607,347	34 904,325	9,676	9,209
11	21	98 869	56 314,233	1 051 210,906	18,667	18,200	61	71	75 974	3 350,550	31 296,978	9,341	8,874
12	22	98 838	53 488,444	994 896,673	18,600	18,133	62	72	74 117	3 105,633	27 946,428	8,999	8,532
13	23	98 805	50 803,383	941 408,230	18,530	18,064	63	73	72 073	2 869,343	24 840,794	8,657	8,191
14	24	98 774	48 254,043	890 604,847	18,457	17,990	64	74	69 894	2 643,772	21 971,452	8,311	7,844
15	25	98 735	45 829,089	842 350,804	18,380	17,913	65	75	67 558	2 427,952	19 327,680	7,960	7,494
16	26	98 694	43 524,679	796 521,715	18,300	17,834	66	76	65 023	2 220,290	16 899,727	7,611	7,145
17	27	98 638	41 330,307	752 997,036	18,219	17,752	67	77	62 319	2 021,792	14 679,438	7,261	6,794
18	28	98 579	39 245,159	711 666,729	18,134	17,667	68	78	59 423	1 831,695	12 657,646	6,910	6,444
19	29	98 499	37 257,161	672 421,569	18,048	17,581	69	79	56 318	1 649,384	10 825,951	6,564	6,097
20	30	98 418	35 369,611	635 164,409	17,958	17,491	70	80	53 031	1 475,660	9 176,567	6,219	5,752
21	31	98 332	33 576,039	599 794,797	17,864	17,397	71	81	49 535	1 309,602	7 700,907	5,880	5,414
22	32	98 244	31 872,840	566 218,759	17,765	17,298	72	82	45 867	1 152,138	6 391,305	5,547	5,081
23	33	98 155	30 255,462	534 345,919	17,661	17,194	73	83	42 000	1 002,382	5 239,167	5,227	4,760
24	34	98 065	28 720,056	504 090,457	17,552	17,085	74	84	38 013	861,968	4 236,784	4,915	4,448
25	35	97 969	27 260,676	475 370,401	17,438	16,971	75	85	33 930	731,006	3 374,816	4,617	4,150
26	36	97 869	25 874,498	448 109,726	17,319	16,852	76	86	29 803	610,067	2 643,810	4,334	3,867
27	37	97 764	24 557,375	422 235,228	17,194	16,727	77	87	25 733	500,491	2 033,743	4,063	3,597
28	38	97 651	23 305,374	397 677,853	17,064	16,597	78	88	21 651	400,079	1 533,251	3,832	3,366
29	39	97 533	22 116,104	374 372,479	16,928	16,461	79	89	17 881	313,937	1 133,173	3,610	3,143
30	40	97 401	20 984,639	352 256,375	16,786	16,320	80	90	14 450	241,042	819,236	3,399	2,932
31	41	97 267	19 910,452	331 271,736	16,638	16,171	81	91	11 473	181,832	578,194	3,180	2,713
32	42	97 114	18 887,564	311 361,284	16,485	16,018	82	92	8 776	132,155	396,361	2,999	2,532
33	43	96 950	17 915,069	292 473,719	16,326	15,859	83	93	6 531	93,449	264,206	2,827	2,360
34	44	96 777	16 991,128	274 558,650	16,159	15,692	84	94	4 712	64,060	170,758	2,666	2,199
35	45	96 590	16 112,305	257 567,522	15,986	15,519	85	95	3 284	42,419	106,697	2,515	2,049
36	46	96 376	15 274,666	241 455,217	15,808	15,341	86	96	2 202	27,016	64,279	2,379	1,913
37	47	96 138	14 477,020	226 180,552	15,623	15,157	87	97	1 417	16,519	37,263	2,256	1,789
38	48	95 877	13 717,457	211 703,532	15,433	14,966	88	98	871	9,644	20,744	2,151	1,684
39	49	95 596	12 995,057	197 986,075	15,235	14,769	89	99	514	5,413	11,101	2,051	1,584
40	50	95 284	12 306,554	184 991,018	15,032	14,565	90	100	290	2,901	5,688	1,960	1,493
41	51	94 932	11 649,464	172 684,465	14,823	14,357							
42	52	94 555	11 024,405	161 035,001	14,607	14,140							
43	53	94 141	10 428,626	150 010,596	14,385	13,918							
44	54	93 674	9 859,323	139 581,970	14,157	13,691							
45	55	93 177	9 317,810	129 722,647	13,922	13,455							
46	56	92 618	8 799,914	120 404,837	13,683	13,216							
47	57	92 013	8 306,308	111 604,923	13,436	12,969							
48	58	91 349	7 835,103	103 298,615	13,184	12,717							
49	59	90 612	7 384,166	95 463,511	12,928	12,461							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 903 778,206	19,121	18,654	50	61	89 336	6 917,083	86 406,751	12,492	12,025
1	12	99 151	94 205,479	1 804 214,646	19,152	18,685	51	62	88 449	6 506,769	79 489,668	12,216	11,750
2	13	99 108	89 467,676	1 710 009,167	19,113	18,646	52	63	87 472	6 113,917	72 982,899	11,937	11,470
3	14	99 080	84 980,196	1 620 541,491	19,070	18,603	53	64	86 432	5 739,861	66 868,982	11,650	11,183
4	15	99 052	80 719,094	1 535 561,295	19,024	18,557	54	65	85 317	5 383,243	61 129,121	11,355	10,889
5	16	99 025	76 671,279	1 454 842,202	18,975	18,508	55	66	84 114	5 042,598	55 745,878	11,055	10,588
6	17	98 997	72 826,683	1 378 170,922	18,924	18,457	56	67	82 847	4 718,906	50 703,281	10,745	10,278
7	18	98 969	69 174,558	1 305 344,239	18,870	18,403	57	68	81 489	4 409,984	45 984,375	10,427	9,961
8	19	98 938	65 703,334	1 236 169,681	18,814	18,348	58	69	80 048	4 115,923	41 574,391	10,101	9,634
9	20	98 907	62 406,546	1 170 466,346	18,756	18,289	59	70	78 470	3 833,525	37 458,469	9,771	9,304
10	21	98 878	59 276,031	1 108 059,801	18,693	18,226	60	71	76 788	3 564,246	33 624,944	9,434	8,967
11	22	98 848	56 302,061	1 048 783,770	18,628	18,161	61	72	74 960	3 305,844	30 060,698	9,093	8,626
12	23	98 816	53 476,152	992 481,709	18,559	18,093	62	73	72 971	3 057,573	26 754,854	8,750	8,284
13	24	98 783	50 791,827	939 005,557	18,487	18,021	63	74	70 824	2 819,602	23 697,281	8,404	7,938
14	25	98 752	48 243,072	888 213,730	18,411	17,944	64	75	68 543	2 592,683	20 877,679	8,053	7,586
15	26	98 713	45 818,876	839 970,657	18,332	17,866	65	76	66 053	2 373,855	18 284,996	7,703	7,236
16	27	98 667	43 513,051	794 151,781	18,251	17,784	66	77	63 375	2 164,010	15 911,141	7,353	6,886
17	28	98 613	41 319,638	750 638,730	18,167	17,700	67	78	60 514	1 963,252	13 747,131	7,002	6,535
18	29	98 553	39 234,966	709 319,091	18,079	17,612	68	79	57 447	1 770,776	11 783,879	6,655	6,188
19	30	98 471	37 246,827	670 084,125	17,990	17,524	69	80	54 203	1 587,448	10 013,102	6,308	5,841
20	31	98 391	35 359,905	632 837,298	17,897	17,430	70	81	50 731	1 411,656	8 425,654	5,969	5,502
21	32	98 300	33 565,092	597 477,394	17,801	17,334	71	82	47 083	1 244,783	7 013,998	5,635	5,168
22	33	98 210	31 861,801	563 912,302	17,699	17,232	72	83	43 258	1 086,618	5 769,215	5,309	4,843
23	34	98 119	30 244,516	532 050,501	17,592	17,125	73	84	39 272	937,268	4 682,597	4,996	4,529
24	35	98 026	28 708,400	501 805,985	17,479	17,013	74	85	35 200	798,195	3 745,328	4,692	4,225
25	36	97 927	27 249,058	473 097,585	17,362	16,895	75	86	31 036	668,655	2 947,134	4,408	3,941
26	37	97 824	25 862,432	445 848,526	17,239	16,772	76	87	26 922	551,105	2 278,479	4,134	3,668
27	38	97 712	24 544,441	419 986,095	17,111	16,644	77	88	22 783	443,104	1 727,374	3,898	3,432
28	39	97 593	23 291,634	395 441,654	16,978	16,511	78	89	18 934	349,884	1 284,270	3,671	3,204
29	40	97 464	22 100,551	372 150,020	16,839	16,372	79	90	15 382	270,058	934,386	3,460	2,993
30	41	97 332	20 969,681	350 049,469	16,693	16,226	80	91	12 308	205,321	664,327	3,236	2,769
31	42	97 186	19 893,907	329 079,788	16,542	16,075	81	92	9 486	150,349	459,007	3,053	2,586
32	43	97 022	18 869,698	309 185,881	16,385	15,919	82	93	7 117	107,180	308,658	2,880	2,413
33	44	96 848	17 896,159	290 316,183	16,222	15,755	83	94	5 180	74,116	201,478	2,718	2,252
34	45	96 668	16 971,914	272 420,024	16,051	15,584	84	95	3 650	49,622	127,362	2,567	2,100
35	46	96 459	16 090,512	255 448,110	15,876	15,409	85	96	2 481	32,049	77,740	2,426	1,959
36	47	96 226	15 250,976	239 357,598	15,695	15,228	86	97	1 620	19,884	45,691	2,298	1,831
37	48	95 972	14 451,897	224 106,623	15,507	15,040	87	98	1 014	11,828	25,807	2,182	1,715
38	49	95 699	13 692,039	209 654,726	15,312	14,845	88	99	606	6,709	13,979	2,084	1,617
39	50	95 396	12 967,870	195 962,687	15,111	14,645	89	100	347	3,654	7,270	1,989	1,523
40	51	95 062	12 277,800	182 994,817	14,905	14,438							
41	52	94 695	11 620,447	170 717,018	14,691	14,224							
42	53	94 293	10 993,858	159 096,570	14,471	14,005							
43	54	93 855	10 396,932	148 102,712	14,245	13,778							
44	55	93 376	9 827,910	137 705,780	14,012	13,545							
45	56	92 842	9 284,289	127 877,870	13,774	13,307							
46	57	92 267	8 766,536	118 593,581	13,528	13,061							
47	58	91 633	8 272,034	109 827,045	13,277	12,810							
48	59	90 933	7 799,378	101 555,011	13,021	12,554							
49	60	90 179	7 348,882	93 755,633	12,758	12,291							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 901 061,902	19,095	18,629	50	62	88 828	6 877,756	84 638,727	12,306	11,839
1	13	99 144	94 198,258	1 801 506,249	19,125	18,658	51	63	87 894	6 465,941	77 760,972	12,026	11,559
2	14	99 099	89 458,875	1 707 307,991	19,085	18,618	52	64	86 889	6 073,145	71 295,031	11,739	11,273
3	15	99 067	84 969,676	1 617 849,116	19,040	18,574	53	65	85 810	5 698,558	65 221,886	11,445	10,979
4	16	99 039	80 708,151	1 532 879,441	18,993	18,526	54	66	84 657	5 341,563	59 523,328	11,143	10,677
5	17	99 009	76 658,954	1 452 171,290	18,943	18,476	55	67	83 423	5 001,149	54 181,764	10,834	10,367
6	18	98 980	72 813,899	1 375 512,336	18,891	18,424	56	68	82 100	4 676,343	49 180,616	10,517	10,050
7	19	98 948	69 159,448	1 302 698,437	18,836	18,369	57	69	80 690	4 366,788	44 504,273	10,192	9,725
8	20	98 917	65 689,205	1 233 538,989	18,778	18,312	58	70	79 170	4 070,781	40 137,485	9,860	9,393
9	21	98 887	62 393,379	1 167 849,784	18,718	18,251	59	71	77 532	3 787,721	36 066,705	9,522	9,055
10	22	98 857	59 263,218	1 105 456,406	18,653	18,187	60	72	75 764	3 516,688	32 278,984	9,179	8,712
11	23	98 825	56 289,123	1 046 193,187	18,586	18,119	61	73	73 800	3 254,685	28 762,296	8,837	8,370
12	24	98 793	53 463,989	989 904,064	18,515	18,049	62	74	71 706	3 004,569	25 507,610	8,490	8,023
13	25	98 760	50 780,280	936 440,075	18,441	17,974	63	75	69 455	2 765,115	22 503,041	8,138	7,671
14	26	98 730	48 232,322	885 659,796	18,362	17,896	64	76	67 016	2 534,915	19 737,926	7,786	7,320
15	27	98 687	45 806,635	837 427,474	18,282	17,815	65	77	64 378	2 313,683	17 203,011	7,435	6,969
16	28	98 642	43 501,819	791 620,839	18,197	17,731	66	78	61 540	2 101,353	14 889,328	7,086	6,619
17	29	98 587	41 308,906	748 119,020	18,110	17,644	67	79	58 502	1 897,958	12 787,975	6,738	6,271
18	30	98 526	39 224,084	706 810,113	18,020	17,553	68	80	55 290	1 704,283	10 890,017	6,390	5,923
19	31	98 444	37 236,605	667 586,030	17,928	17,461	69	81	51 852	1 518,596	9 185,734	6,049	5,582
20	32	98 358	35 348,376	630 349,425	17,832	17,366	70	82	48 220	1 341,785	7 667,138	5,714	5,247
21	33	98 266	33 553,467	595 001,048	17,733	17,266	71	83	44 405	1 173,995	6 325,353	5,388	4,921
22	34	98 175	31 850,274	561 447,581	17,628	17,161	72	84	40 448	1 016,033	5 151,359	5,070	4,603
23	35	98 080	30 232,242	529 597,308	17,518	17,051	73	85	36 366	867,924	4 135,326	4,765	4,298
24	36	97 984	28 696,166	499 365,066	17,402	16,935	74	86	32 198	730,112	3 267,402	4,475	4,008
25	37	97 882	27 236,352	470 668,900	17,281	16,814	75	87	28 036	604,030	2 537,290	4,201	3,734
26	38	97 772	25 848,810	443 432,548	17,155	16,688	76	88	23 835	487,915	1 933,260	3,962	3,495
27	39	97 655	24 529,970	417 583,738	17,023	16,557	77	89	19 924	387,512	1 445,345	3,730	3,263
28	40	97 524	23 275,253	393 053,768	16,887	16,420	78	90	16 288	300,981	1 057,834	3,515	3,048
29	41	97 395	22 084,798	369 778,515	16,744	16,277	79	91	13 102	230,036	756,852	3,290	2,823
30	42	97 251	20 952,256	347 693,717	16,595	16,128	80	92	10 177	169,771	526,816	3,103	2,636
31	43	97 094	19 875,089	326 741,461	16,440	15,973	81	93	7 693	121,936	357,045	2,928	2,461
32	44	96 920	18 849,780	306 866,372	16,280	15,813	82	94	5 645	85,006	235,110	2,766	2,299
33	45	96 738	17 875,922	288 016,592	16,112	15,645	83	95	4 013	57,411	150,103	2,615	2,148
34	46	96 537	16 948,958	270 140,671	15,938	15,472	84	96	2 758	37,492	92,693	2,472	2,006
35	47	96 310	16 065,557	253 191,713	15,760	15,293	85	97	1 826	23,589	55,201	2,340	1,873
36	48	96 059	15 224,509	237 126,156	15,575	15,108	86	98	1 160	14,238	31,612	2,220	1,754
37	49	95 794	14 425,118	221 901,646	15,383	14,916	87	99	706	8,229	17,375	2,111	1,645
38	50	95 499	13 663,394	207 476,529	15,185	14,718	88	100	409	4,529	9,146	2,019	1,552
39	51	95 173	12 937,571	193 813,135	14,981	14,514							
40	52	94 825	12 247,218	180 875,564	14,769	14,302							
41	53	94 433	11 588,249	168 628,345	14,552	14,085							
42	54	94 006	10 960,446	157 040,096	14,328	13,861							
43	55	93 556	10 363,806	146 079,651	14,095	13,628							
44	56	93 040	9 792,554	135 715,845	13,859	13,392							
45	57	92 490	9 249,075	125 923,291	13,615	13,148							
46	58	91 886	8 730,363	116 674,217	13,364	12,897							
47	59	91 215	8 234,317	107 943,853	13,109	12,642							
48	60	90 498	7 762,110	99 709,537	12,846	12,379							
49	61	89 686	7 308,699	91 947,427	12,581	12,114							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 898 162,588	19,068	18,601	50	63	88 271	6 834,599	82 771,888	12,111	11,644
1	14	99 134	94 188,991	1 798 614,567	19,096	18,629	51	64	87 308	6 422,822	75 937,289	11,823	11,356
2	15	99 086	89 447,801	1 704 425,576	19,055	18,588	52	65	86 263	6 029,444	69 514,467	11,529	11,062
3	16	99 054	84 958,157	1 614 977,775	19,009	18,542	53	66	85 145	5 654,437	63 485,023	11,227	10,761
4	17	99 023	80 695,176	1 530 019,618	18,960	18,494	54	67	83 961	5 297,657	57 830,586	10,916	10,449
5	18	98 991	76 645,497	1 449 324,442	18,909	18,443	55	68	82 670	4 956,040	52 532,929	10,600	10,133
6	19	98 958	72 797,994	1 372 678,945	18,856	18,389	56	69	81 296	4 630,537	47 576,889	10,275	9,808
7	20	98 927	69 144,575	1 299 880,951	18,799	18,333	57	70	79 805	4 318,894	42 946,351	9,944	9,477
8	21	98 896	65 675,345	1 230 736,376	18,740	18,273	58	71	78 224	4 022,142	38 627,457	9,604	9,137
9	22	98 865	62 379,892	1 165 061,031	18,677	18,210	59	72	76 498	3 737,181	34 605,315	9,260	8,793
10	23	98 834	59 249,600	1 102 681,139	18,611	18,144	60	73	74 591	3 462,267	30 868,134	8,916	8,449
11	24	98 803	56 276,320	1 043 431,539	18,541	18,074	61	74	72 521	3 198,264	27 405,867	8,569	8,102
12	25	98 771	53 451,834	987 155,219	18,468	18,001	62	75	70 320	2 946,508	24 207,603	8,216	7,749
13	26	98 738	50 768,963	933 703,385	18,391	17,924	63	76	67 908	2 703,505	21 261,095	7,864	7,397
14	27	98 703	48 219,436	882 934,422	18,311	17,844	64	77	65 317	2 470,661	18 557,589	7,511	7,044
15	28	98 662	45 794,811	834 714,986	18,227	17,760	65	78	62 514	2 246,692	16 086,928	7,160	6,693
16	29	98 616	43 490,520	788 920,174	18,140	17,673	66	79	59 493	2 031,466	13 840,236	6,813	6,346
17	30	98 560	41 297,449	745 429,654	18,050	17,583	67	80	56 305	1 826,689	11 808,770	6,465	5,998
18	31	98 499	39 213,319	704 132,206	17,956	17,490	68	81	52 892	1 630,362	9 982,081	6,123	5,656
19	32	98 412	37 224,465	664 918,887	17,862	17,396	69	82	49 286	1 443,432	8 351,719	5,786	5,319
20	33	98 324	35 336,134	627 694,422	17,764	17,297	70	83	45 478	1 265,481	6 908,287	5,459	4,992
21	34	98 230	33 541,328	592 358,288	17,661	17,194	71	84	41 521	1 097,733	5 642,807	5,140	4,674
22	35	98 135	31 837,348	558 816,960	17,552	17,085	72	85	37 456	940,861	4 545,074	4,831	4,364
23	36	98 038	30 219,358	526 979,612	17,438	16,972	73	86	33 264	793,894	3 604,213	4,540	4,073
24	37	97 938	28 682,785	496 760,254	17,319	16,852	74	87	29 086	659,548	2 810,319	4,261	3,794
25	38	97 830	27 222,006	468 077,469	17,195	16,728	75	88	24 821	534,771	2 150,771	4,022	3,555
26	39	97 715	25 833,571	440 855,463	17,065	16,598	76	89	20 845	426,700	1 616,000	3,787	3,320
27	40	97 586	24 512,719	415 021,893	16,931	16,464	77	90	17 140	333,350	1 189,300	3,568	3,101
28	41	97 455	23 258,663	390 509,174	16,790	16,323	78	91	13 874	256,377	855,951	3,339	2,872
29	42	97 314	22 066,446	367 250,511	16,643	16,176	79	92	10 834	190,207	599,574	3,152	2,685
30	43	97 159	20 932,436	345 184,065	16,490	16,024	80	93	8 254	137,687	409,367	2,973	2,506
31	44	96 992	19 854,110	324 251,628	16,332	15,865	81	94	6 102	96,709	271,680	2,809	2,342
32	45	96 810	18 828,464	304 397,519	16,167	15,700	82	95	4 373	65,847	174,971	2,657	2,190
33	46	96 607	17 851,743	285 569,055	15,997	15,530	83	96	3 032	43,377	109,124	2,516	2,049
34	47	96 387	16 922,672	267 717,312	15,820	15,353	84	97	2 030	27,594	65,748	2,383	1,916
35	48	96 142	16 037,677	250 794,640	15,638	15,171	85	98	1 308	16,891	38,153	2,259	1,792
36	49	95 881	15 196,299	234 756,963	15,448	14,982	86	99	807	9,906	21,263	2,147	1,680
37	50	95 593	14 394,939	219 560,665	15,253	14,786	87	100	476	5,555	11,357	2,044	1,578
38	51	95 276	13 631,470	205 165,725	15,051	14,584							
39	52	94 936	12 905,346	191 534,255	14,841	14,375							
40	53	94 562	12 213,283	178 628,909	14,626	14,159							
41	54	94 146	11 553,030	166 415,626	14,405	13,938							
42	55	93 707	10 925,524	154 862,596	14,174	13,708							
43	56	93 219	10 326,522	143 937,072	13,939	13,472							
44	57	92 687	9 755,412	133 610,550	13,696	13,229							
45	58	92 108	9 210,911	123 855,138	13,447	12,980							
46	59	91 467	8 690,556	114 644,228	13,192	12,725							
47	60	90 779	8 194,970	105 953,672	12,929	12,462							
48	61	90 004	7 719,668	97 758,702	12,664	12,197							
49	62	89 176	7 267,146	90 039,034	12,390	11,923							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 895 070,653	19,039	18,572	50	64	87 682	6 789,022	80 805,485	11,902	11,436
1	15	99 122	94 177,331	1 795 532,425	19,065	18,599	51	65	86 680	6 376,604	74 016,463	11,608	11,141
2	16	99 073	89 435,675	1 701 355,094	19,023	18,556	52	66	85 596	5 982,762	67 639,859	11,306	10,839
3	17	99 038	84 944,499	1 611 919,419	18,976	18,509	53	67	84 445	5 607,959	61 657,097	10,995	10,528
4	18	99 006	80 681,011	1 526 974,920	18,926	18,459	54	68	83 204	5 249,874	56 049,138	10,676	10,209
5	19	98 970	76 628,755	1 446 293,909	18,874	18,407	55	69	81 861	4 907,495	50 799,264	10,351	9,885
6	20	98 937	72 782,338	1 369 665,154	18,819	18,352	56	70	80 404	4 579,751	45 891,769	10,021	9,554
7	21	98 906	69 129,986	1 296 882,816	18,760	18,293	57	71	78 852	4 267,291	41 312,018	9,681	9,214
8	22	98 875	65 661,149	1 227 752,829	18,698	18,232	58	72	77 180	3 968,475	37 044,727	9,335	8,868
9	23	98 843	62 365,558	1 162 091,680	18,634	18,167	59	73	75 314	3 679,348	33 076,253	8,990	8,523
10	24	98 812	59 236,123	1 099 726,122	18,565	18,098	60	74	73 298	3 402,247	29 396,905	8,640	8,174
11	25	98 780	56 263,525	1 040 489,999	18,493	18,026	61	75	71 119	3 136,461	25 994,657	8,288	7,821
12	26	98 749	53 439,922	984 226,474	18,417	17,951	62	76	68 753	2 880,857	22 858,197	7,935	7,468
13	27	98 712	50 755,400	930 786,551	18,339	17,872	63	77	66 187	2 634,978	19 977,340	7,582	7,115
14	28	98 678	48 206,989	880 031,151	18,255	17,788	64	78	63 426	2 399,125	17 342,362	7,229	6,762
15	29	98 636	45 782,917	831 824,162	18,169	17,702	65	79	60 435	2 171,971	14 943,237	6,880	6,413
16	30	98 589	43 478,457	786 041,245	18,079	17,612	66	80	57 259	1 955,183	12 771,266	6,532	6,065
17	31	98 533	41 286,115	742 562,788	17,986	17,519	67	81	53 863	1 747,459	10 816,083	6,190	5,723
18	32	98 467	39 200,534	701 276,673	17,889	17,423	68	82	50 274	1 549,666	9 068,624	5,852	5,385
19	33	98 378	37 211,573	662 076,138	17,792	17,325	69	83	46 483	1 361,347	7 518,957	5,523	5,056
20	34	98 289	35 323,349	624 864,566	17,690	17,223	70	84	42 524	1 183,276	6 157,611	5,204	4,737
21	35	98 190	33 527,716	589 541,216	17,584	17,117	71	85	38 449	1 016,516	4 974,334	4,894	4,427
22	36	98 093	31 823,780	556 013,500	17,472	17,005	72	86	34 261	860,610	3 957,818	4,599	4,132
23	37	97 992	30 205,267	524 189,720	17,354	16,887	73	87	30 049	717,165	3 097,208	4,319	3,852
24	38	97 887	28 667,677	493 984,454	17,231	16,765	74	88	25 751	583,923	2 380,043	4,076	3,609
25	39	97 772	27 205,957	465 316,776	17,103	16,637	75	89	21 707	467,678	1 796,120	3,841	3,374
26	40	97 646	25 815,403	438 110,819	16,971	16,504	76	90	17 932	367,061	1 328,442	3,619	3,152
27	41	97 517	24 495,247	412 295,416	16,832	16,365	77	91	14 600	283,948	961,382	3,386	2,919
28	42	97 374	23 239,336	387 800,170	16,687	16,220	78	92	11 472	211,987	677,434	3,196	2,729
29	43	97 222	22 045,572	364 560,834	16,537	16,070	79	93	8 786	154,261	465,447	3,017	2,550
30	44	97 056	20 910,341	342 515,262	16,380	15,913	80	94	6 546	109,202	311,186	2,850	2,383
31	45	96 882	19 831,658	321 604,921	16,217	15,750	81	95	4 727	74,912	201,984	2,696	2,229
32	46	96 680	18 802,997	301 773,263	16,049	15,582	82	96	3 304	49,750	127,072	2,554	2,087
33	47	96 458	17 824,057	282 970,266	15,876	15,409	83	97	2 231	31,926	77,322	2,422	1,955
34	48	96 220	16 893,304	265 146,209	15,695	15,229	84	98	1 453	19,759	45,396	2,298	1,831
35	49	95 964	16 007,959	248 252,905	15,508	15,041	85	99	910	11,751	25,638	2,182	1,715
36	50	95 681	15 164,507	232 244,946	15,315	14,848	86	100	545	6,687	13,886	2,077	1,610
37	51	95 370	14 361,306	217 080,439	15,116	14,649							
38	52	95 039	13 597,517	202 719,133	14,909	14,442							
39	53	94 673	12 869,588	189 121,616	14,695	14,228							
40	54	94 275	12 176,165	176 252,028	14,475	14,008							
41	55	93 846	11 516,220	164 075,863	14,247	13,781							
42	56	93 370	10 886,219	152 559,643	14,014	13,547							
43	57	92 865	10 287,354	141 673,424	13,772	13,305							
44	58	92 304	9 715,158	131 386,070	13,524	13,057							
45	59	91 688	9 168,912	121 670,912	13,270	12,803							
46	60	91 030	8 649,029	112 502,000	13,007	12,541							
47	61	90 283	8 150,161	103 852,970	12,742	12,276							
48	62	89 492	7 675,778	95 702,809	12,468	12,001							
49	63	88 616	7 221,546	88 027,032	12,189	11,723							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 891 778,678	19,008	18,541	50	65	87 051	6 740,169	78 737,387	11,682	11,215
1	16	99 108	94 164,564	1 792 252,771	19,033	18,566	51	66	86 008	6 327,234	71 997,218	11,379	10,912
2	17	99 057	89 421,297	1 698 088,207	18,990	18,523	52	67	84 892	5 933,585	65 669,984	11,068	10,601
3	18	99 021	84 929,588	1 608 666,910	18,941	18,474	53	68	83 684	5 557,377	59 736,399	10,749	10,282
4	19	98 984	80 663,387	1 523 737,322	18,890	18,423	54	69	82 389	5 198,451	54 179,022	10,422	9,955
5	20	98 948	76 612,275	1 443 073,935	18,836	18,369	55	70	80 963	4 853,671	48 980,571	10,091	9,625
6	21	98 916	72 766,982	1 366 461,659	18,779	18,312	56	71	79 444	4 525,031	44 126,900	9,752	9,285
7	22	98 884	69 115,044	1 293 694,677	18,718	18,251	57	72	77 800	4 210,353	39 601,868	9,406	8,939
8	23	98 852	65 646,061	1 224 579,633	18,654	18,187	58	73	75 986	3 907,062	35 391,516	9,058	8,592
9	24	98 820	62 351,372	1 158 933,572	18,587	18,120	59	74	74 008	3 615,565	31 484,454	8,708	8,241
10	25	98 789	59 222,656	1 096 582,200	18,516	18,049	60	75	71 882	3 336,502	27 868,889	8,353	7,886
11	26	98 758	56 250,987	1 037 359,544	18,442	17,975	61	76	69 535	3 066,577	24 532,387	8,000	7,533
12	27	98 722	53 425,645	981 108,557	18,364	17,897	62	77	67 010	2 807,834	21 465,810	7,645	7,178
13	28	98 686	50 742,299	927 682,911	18,282	17,815	63	78	64 270	2 558,684	18 657,977	7,292	6,825
14	29	98 652	48 194,468	876 940,613	18,196	17,729	64	79	61 317	2 319,335	16 099,293	6,941	6,475
15	30	98 609	45 770,219	828 746,145	18,107	17,640	65	80	58 166	2 090,412	13 779,958	6,592	6,125
16	31	98 562	43 466,525	782 975,926	18,013	17,547	66	81	54 776	1 870,381	11 689,546	6,250	5,783
17	32	98 500	41 272,655	739 509,401	17,918	17,451	67	82	51 197	1 660,967	9 819,165	5,912	5,445
18	33	98 433	39 186,958	698 236,746	17,818	17,351	68	83	47 415	1 461,540	8 158,198	5,582	5,115
19	34	98 342	37 198,110	659 049,789	17,717	17,250	69	84	43 463	1 272,915	6 696,658	5,261	4,794
20	35	98 249	35 309,014	621 851,679	17,612	17,145	70	85	39 378	1 095,731	5 423,743	4,950	4,483
21	36	98 148	33 513,428	586 542,665	17,502	17,035	71	86	35 169	929,812	4 328,012	4,655	4,188
22	37	98 047	31 808,940	553 029,237	17,386	16,919	72	87	30 950	777,433	3 398,200	4,371	3,904
23	38	97 940	30 189,357	521 220,296	17,265	16,798	73	88	26 604	634,934	2 620,767	4,128	3,661
24	39	97 829	28 650,776	491 030,939	17,138	16,672	74	89	22 520	510,663	1 985,833	3,889	3,422
25	40	97 704	27 186,824	462 380,163	17,008	16,541	75	90	18 673	402,311	1 475,170	3,667	3,200
26	41	97 576	25 797,002	435 193,339	16,870	16,403	76	91	15 274	312,663	1 072,859	3,431	2,965
27	42	97 436	24 474,891	409 396,337	16,727	16,260	77	92	12 072	234,784	760,196	3,238	2,771
28	43	97 282	23 217,352	384 921,446	16,579	16,112	78	93	9 304	171,925	525,412	3,056	2,589
29	44	97 119	22 022,302	361 704,093	16,424	15,958	79	94	6 969	122,347	353,487	2,889	2,422
30	45	96 947	20 886,695	339 681,791	16,263	15,796	80	95	5 071	84,589	231,140	2,733	2,266
31	46	96 751	19 804,835	318 795,096	16,097	15,630	81	96	3 571	56,600	146,551	2,589	2,122
32	47	96 530	18 773,835	298 990,262	15,926	15,459	82	97	2 432	36,617	89,952	2,457	1,990
33	48	96 290	17 793,125	280 216,426	15,749	15,282	83	98	1 598	22,860	53,335	2,333	1,866
34	49	96 042	16 862,001	262 423,302	15,563	15,096	84	99	1 011	13,747	30,474	2,217	1,750
35	50	95 764	15 974,470	245 561,301	15,372	14,905	85	100	614	7,933	16,728	2,109	1,642
36	51	95 457	15 129,076	229 586,831	15,175	14,708							
37	52	95 132	14 325,535	214 457,755	14,970	14,504							
38	53	94 775	13 559,840	200 132,220	14,759	14,292							
39	54	94 385	12 830,475	186 572,380	14,541	14,075							
40	55	93 974	12 137,370	173 741,905	14,315	13,848							
41	56	93 508	11 474,790	161 604,535	14,083	13,617							
42	57	93 015	10 844,929	150 129,745	13,843	13,377							
43	58	92 482	10 244,906	139 284,816	13,596	13,129							
44	59	91 884	9 670,860	129 039,910	13,343	12,876							
45	60	91 250	9 125,100	119 369,050	13,081	12,615							
46	61	90 532	8 601,737	110 243,950	12,816	12,350							
47	62	89 770	8 103,824	101 642,213	12,543	12,076							
48	63	88 930	7 627,614	93 538,389	12,263	11,796							
49	64	88 025	7 173,388	85 910,775	11,976	11,510							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 888 279,354	18,975	18,509	50	66	86 377	6 687,984	76 566,367	11,448	10,982
1	17	99 092	94 149,426	1 788 766,940	18,999	18,532	51	67	85 301	6 275,225	69 878,383	11,136	10,669
2	18	99 040	89 405,600	1 694 617,514	18,954	18,487	52	68	84 126	5 880,066	63 603,158	10,817	10,350
3	19	98 999	84 911,036	1 605 211,913	18,905	18,438	53	69	82 864	5 502,942	57 723,092	10,489	10,023
4	20	98 963	80 646,040	1 520 300,877	18,852	18,385	54	70	81 485	5 141,436	52 220,150	10,157	9,690
5	21	98 928	76 596,111	1 439 654,837	18,795	18,329	55	71	79 996	4 795,679	47 078,714	9,817	9,350
6	22	98 895	72 751,254	1 363 058,726	18,736	18,269	56	72	78 384	4 464,654	42 283,035	9,471	9,004
7	23	98 862	69 099,162	1 290 307,472	18,673	18,206	57	73	76 596	4 145,197	37 818,381	9,123	8,657
8	24	98 830	65 631,129	1 221 208,310	18,607	18,140	58	74	74 669	3 839,331	33 673,185	8,771	8,304
9	25	98 798	62 337,197	1 155 577,181	18,538	18,071	59	75	72 578	3 545,697	29 833,853	8,414	7,947
10	26	98 767	59 209,458	1 093 239,985	18,464	17,997	60	76	70 280	3 262,161	26 288,156	8,059	7,592
11	27	98 732	56 235,960	1 034 030,526	18,387	17,921	61	77	67 772	2 988,846	23 025,995	7,704	7,237
12	28	98 697	53 411,854	977 794,567	18,307	17,840	62	78	65 070	2 726,535	20 037,149	7,349	6,882
13	29	98 661	50 729,119	924 382,712	18,222	17,755	63	79	62 133	2 473,587	17 310,614	6,998	6,531
14	30	98 625	48 181,101	873 653,593	18,133	17,666	64	80	59 014	2 232,242	14 837,027	6,647	6,180
15	31	98 581	45 757,657	825 472,492	18,040	17,573	65	81	55 643	1 999,744	12 604,785	6,303	5,836
16	32	98 530	43 452,354	779 714,835	17,944	17,477	66	82	52 065	1 777,805	10 605,041	5,965	5,498
17	33	98 466	41 258,360	736 262,481	17,845	17,378	67	83	48 285	1 566,512	8 827,236	5,635	5,168
18	34	98 397	39 172,780	695 004,121	17,742	17,275	68	84	44 335	1 366,600	7 260,724	5,313	4,846
19	35	98 303	37 183,014	655 831,340	17,638	17,171	69	85	40 248	1 178,737	5 894,124	5,000	4,534
20	36	98 207	35 293,967	618 648,327	17,528	17,062	70	86	36 019	1 002,270	4 715,387	4,705	4,238
21	37	98 103	33 497,800	583 354,359	17,415	16,948	71	87	31 770	839,947	3 713,117	4,421	3,954
22	38	97 996	31 792,187	549 856,559	17,295	16,829	72	88	27 401	688,291	2 873,170	4,174	3,708
23	39	97 883	30 171,559	518 064,373	17,171	16,704	73	89	23 266	555,274	2 184,879	3,935	3,468
24	40	97 760	28 630,627	487 892,814	17,041	16,574	74	90	19 372	439,288	1 629,605	3,710	3,243
25	41	97 634	27 167,445	459 262,187	16,905	16,438	75	91	15 906	342,690	1 190,317	3,473	3,007
26	42	97 495	25 775,565	432 094,742	16,764	16,297	76	92	12 630	258,528	847,627	3,279	2,812
27	43	97 343	24 451,740	406 319,177	16,617	16,150	77	93	9 790	190,414	589,099	3,094	2,627
28	44	97 179	23 192,845	381 867,437	16,465	15,998	78	94	7 379	136,356	398,685	2,924	2,457
29	45	97 009	21 997,399	358 674,592	16,305	15,839	79	95	5 398	94,771	262,329	2,768	2,301
30	46	96 816	20 858,445	336 677,193	16,141	15,674	80	96	3 831	63,911	167,558	2,622	2,155
31	47	96 601	19 774,119	315 818,749	15,971	15,505	81	97	2 628	41,658	103,647	2,488	2,021
32	48	96 362	18 741,255	296 044,630	15,796	15,330	82	98	1 741	26,219	61,989	2,364	1,897
33	49	96 112	17 760,155	277 303,375	15,614	15,147	83	99	1 112	15,904	35,770	2,249	1,782
34	50	95 841	16 826,725	259 543,220	15,424	14,958	84	100	683	9,280	19,865	2,141	1,674
35	51	95 540	15 937,146	242 716,495	15,230	14,763							
36	52	95 219	15 091,392	226 779,350	15,027	14,560							
37	53	94 869	14 285,841	211 687,957	14,818	14,351							
38	54	94 487	13 518,629	197 402,116	14,602	14,135							
39	55	94 085	12 789,595	183 883,486	14,378	13,911							
40	56	93 636	12 093,705	171 093,891	14,147	13,681							
41	57	93 154	11 431,268	159 000,186	13,909	13,442							
42	58	92 632	10 800,180	147 568,919	13,664	13,197							
43	59	92 061	10 198,193	136 768,739	13,411	12,944							
44	60	91 444	9 624,650	126 570,546	13,151	12,684							
45	61	90 751	9 075,205	116 945,897	12,886	12,420							
46	62	90 017	8 552,833	107 870,692	12,612	12,145							
47	63	89 206	8 052,974	99 317,859	12,333	11,866							
48	64	88 337	7 576,748	91 264,886	12,045	11,579							
49	65	87 392	7 121,770	83 688,137	11,751	11,284							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 884 563,651	18,941	18,474	50	67	85 667	6 633,010	74 291,299	11,200	10,733
1	18	99 075	94 132,899	1 785 067,235	18,963	18,496	51	68	84 532	6 218,625	67 658,288	10,880	10,413
2	19	99 018	89 386,071	1 690 934,336	18,917	18,450	52	69	83 302	5 822,470	61 439,663	10,552	10,085
3	20	98 978	84 892,776	1 601 548,265	18,866	18,399	53	70	81 955	5 442,587	55 617,193	10,219	9,752
4	21	98 942	80 629,025	1 516 655,489	18,810	18,343	54	71	80 511	5 080,005	50 174,606	9,877	9,410
5	22	98 906	76 579,555	1 436 026,464	18,752	18,285	55	72	78 928	4 731,690	45 094,601	9,530	9,064
6	23	98 872	72 734,536	1 359 446,909	18,691	18,224	56	73	77 171	4 395,563	40 362,911	9,183	8,716
7	24	98 839	69 083,445	1 286 712,373	18,625	18,159	57	74	75 268	4 073,338	35 967,348	8,830	8,363
8	25	98 807	65 616,208	1 217 628,929	18,557	18,090	58	75	73 226	3 765,140	31 894,010	8,471	8,004
9	26	98 776	62 323,305	1 152 012,721	18,484	18,018	59	76	70 961	3 466,695	28 128,870	8,114	7,647
10	27	98 741	59 193,640	1 089 689,416	18,409	17,942	60	77	68 499	3 179,473	24 662,175	7,757	7,290
11	28	98 706	56 221,443	1 030 495,775	18,329	17,862	61	78	65 810	2 902,306	21 482,702	7,402	6,935
12	29	98 671	53 397,982	974 274,332	18,246	17,779	62	79	62 906	2 635,855	18 580,396	7,049	6,582
13	30	98 633	50 715,049	920 876,351	18,158	17,691	63	80	59 800	2 380,702	15 944,541	6,697	6,231
14	31	98 598	48 167,878	870 161,302	18,065	17,598	64	81	56 454	2 135,423	13 563,839	6,352	5,885
15	32	98 549	45 742,739	821 993,424	17,970	17,503	65	82	52 889	1 900,765	11 428,416	6,013	5,546
16	33	98 496	43 437,305	776 250,685	17,871	17,404	66	83	49 104	1 676,705	9 527,651	5,682	5,216
17	34	98 431	41 243,433	732 813,380	17,768	17,301	67	84	45 149	1 464,753	7 850,946	5,360	4,893
18	35	98 357	39 156,883	691 569,947	17,662	17,195	68	85	41 055	1 265,491	6 386,193	5,046	4,580
19	36	98 261	37 167,168	652 413,064	17,553	17,087	69	86	36 815	1 078,196	5 120,702	4,749	4,283
20	37	98 161	35 277,509	615 245,896	17,440	16,973	70	87	32 538	905,402	4 042,506	4,465	3,998
21	38	98 051	33 480,157	579 968,386	17,323	16,856	71	88	28 127	743,637	3 137,104	4,219	3,752
22	39	97 938	31 773,443	546 488,230	17,200	16,733	72	89	23 963	601,937	2 393,466	3,976	3,509
23	40	97 814	30 150,340	514 714,787	17,072	16,605	73	90	20 014	477,664	1 791,530	3,751	3,284
24	41	97 690	28 610,219	484 564,446	16,937	16,470	74	91	16 502	374,187	1 313,866	3,511	3,044
25	42	97 553	27 144,870	455 954,227	16,797	16,330	75	92	13 152	283,355	939,678	3,316	2,849
26	43	97 403	25 751,183	428 809,357	16,652	16,185	76	93	10 243	209,670	656,323	3,130	2,663
27	44	97 241	24 425,930	403 058,175	16,501	16,034	77	94	7 765	151,021	446,653	2,958	2,491
28	45	97 069	23 166,618	378 632,245	16,344	15,877	78	95	5 716	105,623	295,633	2,799	2,332
29	46	96 878	21 967,646	355 465,627	16,181	15,715	79	96	4 078	71,604	190,010	2,654	2,187
30	47	96 665	20 826,095	333 497,981	16,013	15,547	80	97	2 820	47,039	118,405	2,517	2,050
31	48	96 434	19 739,803	312 671,886	15,840	15,373	81	98	1 882	29,829	71,366	2,393	1,926
32	49	96 183	18 706,528	292 932,084	15,659	15,193	82	99	1 211	18,241	41,537	2,277	1,810
33	50	95 911	17 722,999	274 225,556	15,473	15,006	83	100	750	10,737	23,296	2,170	1,703
34	51	95 617	16 787,410	256 502,557	15,279	14,813							
35	52	95 302	15 897,450	239 715,147	15,079	14,612							
36	53	94 955	15 049,576	223 817,697	14,872	14,405							
37	54	94 581	14 242,424	208 768,121	14,658	14,191							
38	55	94 186	13 475,557	194 525,696	14,435	13,969							
39	56	93 746	12 743,584	181 050,139	14,207	13,740							
40	57	93 281	12 047,835	168 306,555	13,970	13,503							
41	58	92 769	11 384,099	156 258,720	13,726	13,259							
42	59	92 209	10 750,935	144 874,621	13,476	13,009							
43	60	91 621	10 149,462	134 123,687	13,215	12,748							
44	61	90 944	9 572,023	123 974,225	12,952	12,485							
45	62	90 235	9 023,608	114 402,201	12,678	12,211							
46	63	89 453	8 499,165	105 378,593	12,399	11,932							
47	64	88 611	7 999,271	96 879,428	12,111	11,644							
48	65	87 702	7 522,227	88 880,156	11,816	11,349							
49	66	86 715	7 066,630	81 357,929	11,513	11,046							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 880 623,541	18,905	18,438	50	68	84 895	6 573,183	71 910,496	10,940	10,473
1	19	99 053	94 112,337	1 781 144,590	18,926	18,459	51	69	83 704	6 157,713	65 337,313	10,611	10,144
2	20	98 997	89 366,848	1 687 032,253	18,878	18,411	52	70	82 389	5 758,611	59 179,600	10,277	9,810
3	21	98 957	84 874,864	1 597 665,405	18,824	18,357	53	71	80 976	5 377,558	53 420,989	9,934	9,467
4	22	98 920	80 611,597	1 512 790,541	18,766	18,300	54	72	79 437	5 012,223	48 043,430	9,585	9,118
5	23	98 883	76 561,958	1 432 178,944	18,706	18,239	55	73	77 707	4 658,466	43 031,208	9,237	8,770
6	24	98 850	72 717,992	1 355 616,986	18,642	18,175	56	74	75 833	4 319,364	38 372,742	8,884	8,417
7	25	98 817	69 067,738	1 282 898,994	18,575	18,108	57	75	73 814	3 994,625	34 053,378	8,525	8,058
8	26	98 785	65 601,586	1 213 831,256	18,503	18,036	58	76	71 594	3 681,248	30 058,753	8,165	7,699
9	27	98 749	62 306,655	1 148 229,670	18,429	17,962	59	77	69 162	3 378,822	26 377,505	7,807	7,340
10	28	98 715	59 178,360	1 085 923,015	18,350	17,883	60	78	66 515	3 087,413	22 998,683	7,449	6,982
11	29	98 681	56 206,841	1 026 744,655	18,267	17,800	61	79	63 621	2 805,781	19 911,269	7,097	6,630
12	30	98 644	53 383,171	970 537,814	18,181	17,714	62	80	60 544	2 536,877	17 105,488	6,743	6,276
13	31	98 606	50 701,131	917 154,643	18,089	17,623	63	81	57 206	2 277,444	14 568,611	6,397	5,930
14	32	98 566	48 152,174	866 453,513	17,994	17,527	64	82	53 660	2 029,728	12 291,167	6,056	5,589
15	33	98 515	45 726,896	818 301,338	17,895	17,429	65	83	49 881	1 792,673	10 261,439	5,724	5,257
16	34	98 460	43 421,589	772 574,442	17,792	17,326	66	84	45 914	1 567,788	8 468,766	5,402	4,935
17	35	98 391	41 226,696	729 152,853	17,686	17,220	67	85	41 808	1 356,382	6 900,978	5,088	4,621
18	36	98 315	39 140,196	687 926,157	17,576	17,109	68	86	37 553	1 157,550	5 544,597	4,790	4,323
19	37	98 215	37 149,837	648 785,961	17,464	16,997	69	87	33 257	973,990	4 387,046	4,504	4,037
20	38	98 110	35 258,928	611 636,124	17,347	16,880	70	88	28 807	801,587	3 413,056	4,258	3,791
21	39	97 993	33 460,418	576 377,196	17,226	16,759	71	89	24 599	650,339	2 611,469	4,016	3,549
22	40	97 869	31 751,098	542 916,778	17,099	16,632	72	90	20 614	517,805	1 961,130	3,787	3,321
23	41	97 744	30 128,849	511 165,680	16,966	16,499	73	91	17 048	406,876	1 443,325	3,547	3,081
24	42	97 609	28 586,445	481 036,831	16,827	16,361	74	92	13 644	309,399	1 036,449	3,350	2,883
25	43	97 461	27 119,192	452 450,386	16,684	16,217	75	93	10 666	229,806	727,050	3,164	2,697
26	44	97 300	25 724,001	425 331,194	16,534	16,068	76	94	8 124	166,293	497,245	2,990	2,523
27	45	97 131	24 398,308	399 607,193	16,378	15,912	77	95	6 015	116,982	330,952	2,829	2,362
28	46	96 938	23 135,284	375 208,885	16,218	15,751	78	96	4 319	79,804	213,970	2,681	2,214
29	47	96 728	21 933,576	352 073,601	16,052	15,585	79	97	3 002	52,702	134,166	2,546	2,079
30	48	96 498	20 789,953	330 140,025	15,880	15,413	80	98	2 019	33,682	81,465	2,419	1,952
31	49	96 255	19 703,225	309 350,072	15,700	15,234	81	99	1 309	20,753	47,783	2,302	1,836
32	50	95 982	18 667,393	289 646,846	15,516	15,049	82	100	818	12,315	27,030	2,195	1,728
33	51	95 687	17 681,590	270 979,454	15,326	14,859							
34	52	95 379	16 745,596	253 297,864	15,126	14,659							
35	53	95 038	15 853,401	236 552,268	14,921	14,454							
36	54	94 667	15 003,838	220 698,867	14,709	14,243							
37	55	94 279	14 197,046	205 695,029	14,489	14,022							
38	56	93 847	13 427,078	191 497,984	14,262	13,795							
39	57	93 391	12 695,249	178 070,905	14,027	13,560							
40	58	92 896	11 998,122	165 375,656	13,783	13,317							
41	59	92 346	11 332,192	153 377,534	13,535	13,068							
42	60	91 769	10 699,563	142 045,342	13,276	12,809							
43	61	91 120	10 093,966	131 345,780	13,012	12,546							
44	62	90 427	9 517,602	121 251,814	12,740	12,273							
45	63	89 669	8 966,987	111 734,212	12,461	11,994							
46	64	88 856	8 442,488	102 767,225	12,173	11,706							
47	65	87 974	7 941,710	94 324,737	11,877	11,410							
48	66	87 023	7 463,987	86 383,027	11,573	11,107							
49	67	86 002	7 008,544	78 919,040	11,260	10,794							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 876 449,531	18,867	18,400	50	69	84 063	6 508,798	69 424,431	10,666	10,199
1	20	99 032	94 092,098	1 776 992,309	18,886	18,419	51	70	82 786	6 090,177	62 915,633	10,331	9,864
2	21	98 976	89 347,992	1 682 900,212	18,835	18,369	52	71	81 404	5 689,806	56 825,455	9,987	9,520
3	22	98 935	84 856,519	1 593 552,219	18,779	18,313	53	72	79 896	5 305,806	51 135,649	9,638	9,171
4	23	98 898	80 593,073	1 508 695,701	18,720	18,253	54	73	78 208	4 934,658	45 829,844	9,287	8,821
5	24	98 861	76 544,543	1 428 102,627	18,657	18,190	55	74	76 360	4 577,710	40 895,186	8,934	8,467
6	25	98 827	72 701,459	1 351 558,084	18,591	18,124	56	75	74 367	4 235,896	36 317,476	8,574	8,107
7	26	98 795	69 052,347	1 278 856,625	18,520	18,053	57	76	72 169	3 905,620	32 081,580	8,214	7,747
8	27	98 759	65 584,060	1 209 804,278	18,447	17,980	58	77	69 779	3 587,937	28 175,960	7,853	7,386
9	28	98 724	62 290,572	1 144 220,218	18,369	17,902	59	78	67 160	3 280,991	24 588,023	7,494	7,027
10	29	98 690	59 162,990	1 081 929,646	18,287	17,820	60	79	64 303	2 984,732	21 307,032	7,139	6,672
11	30	98 653	56 191,251	1 022 766,657	18,202	17,735	61	80	61 232	2 700,422	18 322,301	6,785	6,318
12	31	98 617	53 368,521	966 575,406	18,111	17,645	62	81	57 918	2 426,845	15 621,878	6,437	5,970
13	32	98 574	50 684,601	913 206,885	18,017	17,551	63	82	54 374	2 164,720	13 195,034	6,095	5,629
14	33	98 531	48 135,497	862 522,284	17,919	17,452	64	83	50 609	1 914,302	11 030,314	5,762	5,295
15	34	98 480	45 710,353	814 386,787	17,816	17,349	65	84	46 641	1 676,223	9 116,012	5,438	4,972
16	35	98 420	43 403,968	768 676,435	17,710	17,243	66	85	42 517	1 451,794	7 439,789	5,125	4,658
17	36	98 349	41 209,127	725 272,467	17,600	17,133	67	86	38 242	1 240,689	5 987,995	4,826	4,360
18	37	98 269	39 121,944	684 063,340	17,485	17,019	68	87	33 923	1 045,675	4 747,307	4,540	4,073
19	38	98 163	37 130,270	644 941,396	17,370	16,903	69	88	29 443	862,311	3 701,632	4,293	3,826
20	39	98 052	35 238,141	607 811,126	17,249	16,782	70	89	25 193	701,018	2 839,321	4,050	3,583
21	40	97 924	33 436,886	572 572,985	17,124	16,657	71	90	21 160	559,442	2 138,303	3,822	3,355
22	41	97 799	31 728,466	539 136,098	16,992	16,525	72	91	17 559	441,068	1 578,861	3,580	3,113
23	42	97 663	30 103,813	507 407,632	16,855	16,388	73	92	14 096	336,428	1 137,793	3,382	2,915
24	43	97 517	28 559,403	477 303,820	16,713	16,246	74	93	11 066	250,928	801,365	3,194	2,727
25	44	97 358	27 090,567	448 744,416	16,565	16,098	75	94	8 460	182,263	550,438	3,020	2,553
26	45	97 190	25 694,912	421 653,850	16,410	15,943	76	95	6 293	128,812	368,175	2,858	2,391
27	46	96 999	24 365,308	395 958,938	16,251	15,784	77	96	4 544	88,386	239,363	2,708	2,241
28	47	96 788	23 099,403	371 593,630	16,087	15,620	78	97	3 179	58,736	150,977	2,570	2,104
29	48	96 560	21 895,512	348 494,227	15,916	15,449	79	98	2 149	37,737	92,241	2,444	1,978
30	49	96 319	20 751,430	326 598,715	15,739	15,272	80	99	1 405	23,433	54,504	2,326	1,859
31	50	96 053	19 662,005	305 847,285	15,555	15,088	81	100	884	14,010	31,071	2,218	1,751
32	51	95 758	18 623,777	286 185,280	15,367	14,900							
33	52	95 448	17 637,549	267 561,503	15,170	14,703							
34	53	95 115	16 699,197	249 923,954	14,966	14,499							
35	54	94 749	15 805,219	233 224,758	14,756	14,289							
36	55	94 365	14 956,034	217 419,538	14,537	14,070							
37	56	93 940	14 145,971	202 463,505	14,312	13,846							
38	57	93 491	13 376,151	188 317,534	14,079	13,612							
39	58	93 005	12 642,865	174 941,383	13,837	13,370							
40	59	92 473	11 943,415	162 298,518	13,589	13,122							
41	60	91 905	11 278,042	150 355,103	13,332	12,865							
42	61	91 267	10 641,059	139 077,060	13,070	12,603							
43	62	90 602	10 036,577	128 436,001	12,797	12,330							
44	63	89 860	9 457,881	118 399,424	12,519	12,052							
45	64	89 071	8 907,189	108 941,543	12,231	11,764							
46	65	88 217	8 381,737	100 034,354	11,935	11,468							
47	66	87 293	7 880,222	91 652,617	11,631	11,164							
48	67	86 307	7 402,635	83 772,395	11,317	10,850							
49	68	85 227	6 945,330	76 369,760	10,996	10,529							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 872 034,631	18,827	18,360	50	70	83 141	6 437,412	66 833,342	10,382	9,915
1	21	99 011	94 072,245	1 772 598,799	18,843	18,376	51	71	81 797	6 017,411	60 395,930	10,037	9,570
2	22	98 954	89 328,680	1 678 526,553	18,790	18,324	52	72	80 318	5 613,887	54 378,520	9,686	9,220
3	23	98 913	84 837,019	1 589 197,873	18,732	18,266	53	73	78 659	5 223,697	48 764,633	9,335	8,868
4	24	98 875	80 574,742	1 504 360,854	18,670	18,204	54	74	76 852	4 849,113	43 540,935	8,979	8,512
5	25	98 838	76 527,140	1 423 786,112	18,605	18,138	55	75	74 884	4 489,250	38 691,822	8,619	8,152
6	26	98 805	72 685,258	1 347 258,972	18,536	18,069	56	76	72 711	4 141,515	34 202,572	8,258	7,792
7	27	98 768	69 033,899	1 274 573,713	18,463	17,996	57	77	70 340	3 806,621	30 061,057	7,897	7,430
8	28	98 733	65 567,130	1 205 539,814	18,386	17,920	58	78	67 759	3 484,051	26 254,435	7,536	7,069
9	29	98 698	62 274,393	1 139 972,684	18,306	17,839	59	79	64 926	3 171,872	22 770,384	7,179	6,712
10	30	98 662	59 146,580	1 077 698,291	18,221	17,754	60	80	61 888	2 872,653	19 598,513	6,822	6,356
11	31	98 626	56 175,830	1 018 551,711	18,131	17,665	61	81	58 576	2 583,296	16 725,860	6,475	6,008
12	32	98 585	53 351,121	962 375,881	18,039	17,572	62	82	55 051	2 306,726	14 142,564	6,131	5,664
13	33	98 540	50 667,046	909 024,760	17,941	17,474	63	83	51 282	2 041,617	11 835,837	5,797	5,330
14	34	98 496	48 118,082	858 357,713	17,839	17,372	64	84	47 321	1 789,951	9 794,220	5,472	5,005
15	35	98 440	45 691,803	810 239,631	17,733	17,266	65	85	43 190	1 552,206	8 004,270	5,157	4,690
16	36	98 378	43 385,471	764 547,829	17,622	17,155	66	86	38 891	1 327,962	6 452,064	4,859	4,392
17	37	98 303	41 189,910	721 162,358	17,508	17,041	67	87	34 546	1 120,778	5 124,101	4,572	4,105
18	38	98 218	39 101,339	679 972,447	17,390	16,923	68	88	30 034	925,776	4 003,324	4,324	3,857
19	39	98 105	37 108,379	640 871,108	17,270	16,803	69	89	25 749	754,124	3 077,548	4,081	3,614
20	40	97 983	35 213,359	603 762,730	17,146	16,679	70	90	21 672	603,038	2 323,424	3,853	3,386
21	41	97 854	33 413,053	568 549,370	17,016	16,549	71	91	18 025	476,535	1 720,386	3,610	3,143
22	42	97 718	31 702,100	535 136,318	16,880	16,413	72	92	14 519	364,700	1 243,851	3,411	2,944
23	43	97 571	30 075,336	503 434,217	16,739	16,272	73	93	11 432	272,848	879,152	3,222	2,755
24	44	97 414	28 529,258	473 358,881	16,592	16,125	74	94	8 777	199,015	606,303	3,047	2,580
25	45	97 248	27 059,932	444 829,623	16,439	15,972	75	95	6 553	141,182	407,288	2,885	2,418
26	46	97 059	25 660,158	417 769,691	16,281	15,814	76	96	4 754	97,324	266,106	2,734	2,267
27	47	96 849	24 327,519	392 109,534	16,118	15,651	77	97	3 345	65,053	168,782	2,595	2,128
28	48	96 620	23 059,316	367 782,014	15,949	15,483	78	98	2 276	42,058	103,729	2,466	2,000
29	49	96 381	21 854,940	344 722,698	15,773	15,306	79	99	1 495	26,254	61,671	2,349	1,882
30	50	96 117	20 708,016	322 867,758	15,591	15,125	80	100	948	15,820	35,417	2,239	1,772
31	51	95 829	19 616,065	302 159,741	15,404	14,937							
32	52	95 519	18 577,389	282 543,676	15,209	14,742							
33	53	95 184	17 588,678	263 966,287	15,008	14,541							
34	54	94 826	16 648,445	246 377,609	14,799	14,332							
35	55	94 447	15 754,861	229 729,164	14,581	14,115							
36	56	94 026	14 902,229	213 974,303	14,359	13,892							
37	57	93 584	14 092,317	199 072,074	14,126	13,659							
38	58	93 106	13 320,957	184 979,757	13,886	13,420							
39	59	92 581	12 585,218	171 658,800	13,640	13,173							
40	60	92 031	11 886,345	159 073,582	13,383	12,916							
41	61	91 403	11 216,375	147 187,237	13,123	12,656							
42	62	90 748	10 580,560	135 970,861	12,851	12,384							
43	63	90 033	9 973,600	125 390,302	12,572	12,105							
44	64	89 261	9 394,810	115 416,702	12,285	11,818							
45	65	88 430	8 843,095	106 021,892	11,989	11,522							
46	66	87 534	8 316,842	97 178,797	11,685	11,218							
47	67	86 575	7 815,448	88 861,955	11,370	10,903							
48	68	85 529	7 335,866	81 046,507	11,048	10,581							
49	69	84 392	6 877,299	73 710,641	10,718	10,251							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 867 366,671	18,784	18,317	50	71	82 148	6 360,496	64 140,107	10,084	9,617
1	22	98 990	94 051,912	1 767 951,819	18,798	18,331	51	72	80 706	5 937,120	57 779,611	9,732	9,265
2	23	98 932	89 308,153	1 673 899,906	18,743	18,276	52	73	79 075	5 527,011	51 842,490	9,380	8,913
3	24	98 890	84 817,722	1 584 591,754	18,682	18,216	53	74	77 296	5 133,143	46 315,479	9,023	8,556
4	25	98 853	80 556,423	1 499 774,031	18,618	18,151	54	75	75 367	4 755,409	41 182,337	8,660	8,193
5	26	98 816	76 510,087	1 419 217,608	18,549	18,083	55	76	73 216	4 389,224	36 426,928	8,299	7,832
6	27	98 779	72 665,840	1 342 707,521	18,478	18,011	56	77	70 867	4 036,538	32 037,704	7,937	7,470
7	28	98 743	69 016,079	1 270 041,682	18,402	17,935	57	78	68 303	3 696,403	28 001,166	7,575	7,108
8	29	98 708	65 550,100	1 201 025,602	18,322	17,855	58	79	65 505	3 368,178	24 304,763	7,216	6,749
9	30	98 671	62 257,120	1 135 475,502	18,238	17,772	59	80	62 488	3 052,766	20 936,585	6,858	6,391
10	31	98 635	59 130,348	1 073 218,382	18,150	17,683	60	81	59 204	2 748,057	17 883,819	6,508	6,041
11	32	98 594	56 157,515	1 014 088,033	18,058	17,591	61	82	55 677	2 455,434	15 135,762	6,164	5,697
12	33	98 550	53 332,643	957 930,518	17,961	17,495	62	83	51 921	2 175,548	12 680,328	5,829	5,362
13	34	98 504	50 648,715	904 597,875	17,860	17,393	63	84	47 951	1 908,995	10 504,780	5,503	5,036
14	35	98 456	48 098,555	853 949,160	17,754	17,287	64	85	43 820	1 657,520	8 595,785	5,186	4,719
15	36	98 398	45 672,331	805 850,605	17,644	17,177	65	86	39 506	1 419,810	6 938,265	4,887	4,420
16	37	98 332	43 365,240	760 178,274	17,530	17,063	66	87	35 132	1 199,617	5 518,455	4,600	4,133
17	38	98 251	41 168,216	716 813,035	17,412	16,945	67	88	30 585	992,268	4 318,839	4,352	3,886
18	39	98 160	39 078,286	675 644,819	17,290	16,823	68	89	26 266	809,626	3 326,571	4,109	3,642
19	40	98 036	37 082,282	636 566,533	17,166	16,700	69	90	22 150	648,721	2 516,945	3,880	3,413
20	41	97 913	35 188,259	599 484,251	17,036	16,570	70	91	18 460	513,670	1 868,224	3,637	3,170
21	42	97 773	33 385,287	564 295,992	16,903	16,436	71	92	14 904	394,025	1 354,554	3,438	2,971
22	43	97 626	31 672,112	530 910,704	16,763	16,296	72	93	11 775	295,777	960,529	3,247	2,781
23	44	97 468	30 043,590	499 238,592	16,617	16,150	73	94	9 067	216,401	664,751	3,072	2,605
24	45	97 304	28 496,996	469 195,002	16,465	15,998	74	95	6 798	154,159	448,350	2,908	2,442
25	46	97 116	27 023,332	440 698,006	16,308	15,841	75	96	4 951	106,670	294,192	2,758	2,291
26	47	96 908	25 620,361	413 674,674	16,146	15,680	76	97	3 499	71,631	187,521	2,618	2,151
27	48	96 681	24 285,301	388 054,313	15,979	15,512	77	98	2 395	46,581	115,890	2,488	2,021
28	49	96 441	23 016,588	363 769,012	15,805	15,338	78	99	1 583	29,260	69,309	2,369	1,902
29	50	96 179	21 809,218	340 752,424	15,624	15,157	79	100	1 010	17,724	40,049	2,260	1,793
30	51	95 893	20 659,633	318 943,206	15,438	14,971							
31	52	95 590	19 567,206	298 283,573	15,244	14,777							
32	53	95 255	18 525,914	278 716,367	15,045	14,578							
33	54	94 894	17 535,223	260 190,453	14,838	14,371							
34	55	94 523	16 595,400	242 655,230	14,622	14,155							
35	56	94 107	15 698,183	226 059,830	14,400	13,934							
36	57	93 669	14 845,706	210 361,647	14,170	13,703							
37	58	93 198	14 034,168	195 515,941	13,931	13,465							
38	59	92 681	13 260,218	181 481,773	13,686	13,219							
39	60	92 139	12 525,081	168 221,555	13,431	12,964							
40	61	91 527	11 821,352	155 696,473	13,171	12,704							
41	62	90 883	11 152,605	143 875,121	12,901	12,434							
42	63	90 179	10 514,169	132 722,516	12,623	12,156							
43	64	89 433	9 907,089	122 208,347	12,335	11,869							
44	65	88 618	9 327,206	112 301,258	12,040	11,573							
45	66	87 745	8 774,628	102 974,051	11,735	11,269							
46	67	86 814	8 248,480	94 199,423	11,420	10,953							
47	68	85 794	7 744,956	85 950,944	11,098	10,631							
48	69	84 691	7 264,010	78 205,988	10,766	10,299							
49	70	83 466	6 801,871	70 941,978	10,430	9,963							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 862 432,786	18,738	18,271	50	72	81 052	6 275,628	61 346,238	9,775	9,309
1	23	98 967	94 030,299	1 763 039,421	18,750	18,283	51	73	79 457	5 845,242	55 070,610	9,421	8,955
2	24	98 909	89 287,839	1 669 009,122	18,692	18,226	52	74	77 704	5 431,198	49 225,367	9,063	8,597
3	25	98 868	84 798,439	1 579 721,282	18,629	18,162	53	75	75 802	5 033,949	43 794,169	8,700	8,233
4	26	98 831	80 538,471	1 494 922,844	18,562	18,095	54	76	73 688	4 649,453	38 760,220	8,337	7,870
5	27	98 790	76 489,647	1 414 384,372	18,491	18,024	55	77	71 360	4 277,968	34 110,767	7,974	7,507
6	28	98 753	72 647,082	1 337 894,725	18,416	17,950	56	78	68 816	3 919,663	29 832,800	7,611	7,144
7	29	98 717	68 998,154	1 265 247,643	18,337	17,871	57	79	66 031	3 573,468	25 913,137	7,252	6,785
8	30	98 680	65 531,919	1 196 249,489	18,254	17,788	58	80	63 046	3 241,701	22 339,669	6,891	6,425
9	31	98 644	62 240,034	1 130 717,570	18,167	17,700	59	81	59 778	2 920,358	19 097,968	6,540	6,073
10	32	98 603	59 111,070	1 068 477,536	18,076	17,609	60	82	56 274	2 612,040	16 177,611	6,193	5,727
11	33	98 560	56 138,065	1 009 366,466	17,980	17,513	61	83	52 511	2 315,799	13 565,571	5,858	5,391
12	34	98 515	53 313,348	953 228,400	17,880	17,413	62	84	48 548	2 034,226	11 249,772	5,530	5,063
13	35	98 464	50 628,161	899 915,052	17,775	17,308	63	85	44 403	1 767,757	9 215,546	5,213	4,746
14	36	98 414	48 078,057	849 286,891	17,665	17,198	64	86	40 082	1 516,141	7 447,789	4,912	4,446
15	37	98 352	45 651,033	801 208,834	17,551	17,084	65	87	35 688	1 282,587	5 931,648	4,625	4,158
16	38	98 280	43 342,399	755 557,801	17,432	16,966	66	88	31 104	1 062,067	4 649,061	4,377	3,911
17	39	98 193	41 143,944	712 215,402	17,310	16,844	67	89	26 748	867,776	3 586,994	4,134	3,667
18	40	98 091	39 050,804	671 071,458	17,185	16,718	68	90	22 595	696,466	2 719,218	3,904	3,438
19	41	97 966	37 055,850	632 020,654	17,056	16,589	69	91	18 868	552,583	2 022,753	3,661	3,194
20	42	97 832	35 159,019	594 964,804	16,922	16,455	70	92	15 264	424,731	1 470,170	3,461	2,995
21	43	97 681	33 353,707	559 805,785	16,784	16,317	71	93	12 087	319,561	1 045,439	3,271	2,805
22	44	97 522	31 638,680	526 452,079	16,640	16,173	72	94	9 339	234,586	725,878	3,094	2,627
23	45	97 357	30 009,616	494 813,398	16,488	16,022	73	95	7 024	167,626	491,292	2,931	2,464
24	46	97 172	28 458,452	464 803,782	16,333	15,866	74	96	5 137	116,475	323,666	2,779	2,312
25	47	96 966	26 981,421	436 345,330	16,172	15,705	75	97	3 644	78,511	207,191	2,639	2,172
26	48	96 740	25 575,899	409 363,909	16,006	15,539	76	98	2 506	51,291	128,681	2,509	2,042
27	49	96 502	24 240,301	383 788,010	15,833	15,366	77	99	1 666	32,407	77,389	2,388	1,921
28	50	96 239	22 968,436	359 547,709	15,654	15,187	78	100	1 069	19,754	44,982	2,277	1,810
29	51	95 954	21 758,262	336 579,273	15,469	15,002							
30	52	95 654	20 608,174	314 821,011	15,277	14,810							
31	53	95 325	19 512,988	294 212,837	15,078	14,611							
32	54	94 965	18 469,611	274 699,849	14,873	14,406							
33	55	94 592	17 479,353	256 230,238	14,659	14,192							
34	56	94 183	16 535,698	238 750,885	14,439	13,972							
35	57	93 750	15 638,641	222 215,188	14,209	13,743							
36	58	93 283	14 784,449	206 576,546	13,973	13,506							
37	59	92 773	13 970,178	191 792,098	13,729	13,262							
38	60	92 238	13 196,856	177 821,920	13,475	13,008							
39	61	91 635	12 456,596	164 625,064	13,216	12,749							
40	62	91 007	11 754,142	152 168,469	12,946	12,479							
41	63	90 313	11 082,625	140 414,326	12,670	12,203							
42	64	89 577	10 444,054	129 331,701	12,383	11,916							
43	65	88 789	9 835,800	118 887,647	12,087	11,620							
44	66	87 932	9 254,991	109 051,847	11,783	11,316							
45	67	87 024	8 702,502	99 796,856	11,468	11,001							
46	68	86 031	8 174,081	91 094,354	11,144	10,677							
47	69	84 954	7 669,093	82 920,273	10,812	10,345							
48	70	83 762	7 184,341	75 251,180	10,474	10,008							
49	71	82 469	6 720,601	68 066,839	10,128	9,661							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 857 220,408	18,690	18,223	50	73	79 797	6 178,512	58 455,914	9,461	8,994
1	24	98 944	94 008,912	1 757 849,883	18,699	18,232	51	74	78 079	5 743,913	52 277,402	9,101	8,635
2	25	98 887	89 267,539	1 663 840,972	18,639	18,172	52	75	76 203	5 326,245	46 533,489	8,737	8,270
3	26	98 846	84 779,542	1 574 573,432	18,573	18,106	53	76	74 113	4 921,787	41 207,244	8,372	7,906
4	27	98 804	80 516,955	1 489 793,890	18,503	18,036	54	77	71 820	4 531,600	36 285,457	8,007	7,540
5	28	98 765	76 469,902	1 409 276,935	18,429	17,962	55	78	69 294	4 154,102	31 753,857	7,644	7,177
6	29	98 727	72 628,213	1 332 807,033	18,351	17,884	56	79	66 527	3 789,302	27 599,755	7,284	6,817
7	30	98 690	68 979,016	1 260 178,819	18,269	17,802	57	80	63 552	3 439,282	23 810,453	6,923	6,456
8	31	98 653	65 513,935	1 191 199,803	18,182	17,716	58	81	60 311	3 101,098	20 371,171	6,569	6,102
9	32	98 611	62 219,743	1 125 685,869	18,092	17,625	59	82	56 819	2 775,812	17 270,073	6,222	5,755
10	33	98 569	59 090,597	1 063 466,126	17,997	17,530	60	83	53 074	2 463,499	14 494,261	5,884	5,417
11	34	98 524	56 117,755	1 004 375,529	17,898	17,431	61	84	49 100	2 165,367	12 030,762	5,556	5,089
12	35	98 475	53 291,712	948 257,774	17,794	17,327	62	85	44 956	1 883,722	9 865,396	5,237	4,770
13	36	98 423	50 606,586	894 966,061	17,685	17,218	63	86	40 616	1 616,975	7 981,673	4,936	4,469
14	37	98 368	48 055,637	844 359,476	17,570	17,104	64	87	36 209	1 369,608	6 364,698	4,647	4,180
15	38	98 300	45 626,989	796 303,838	17,452	16,986	65	88	31 596	1 135,524	4 995,090	4,399	3,932
16	39	98 222	43 316,846	750 676,849	17,330	16,863	66	89	27 201	928,818	3 859,566	4,155	3,689
17	40	98 124	41 115,009	707 360,004	17,204	16,738	67	90	23 009	746,488	2 930,748	3,926	3,459
18	41	98 021	39 022,968	666 244,994	17,073	16,606	68	91	19 246	593,252	2 184,261	3,682	3,215
19	42	97 885	37 025,057	627 222,026	16,940	16,474	69	92	15 601	456,906	1 591,009	3,482	3,015
20	43	97 739	35 125,760	590 196,968	16,802	16,336	70	93	12 379	344,464	1 134,102	3,292	2,826
21	44	97 577	33 318,500	555 071,208	16,660	16,193	71	94	9 587	253,449	789,639	3,116	2,649
22	45	97 412	31 602,903	521 752,708	16,510	16,043	72	95	7 234	181,712	536,189	2,951	2,484
23	46	97 226	29 969,026	490 149,805	16,355	15,888	73	96	5 307	126,650	354,477	2,799	2,332
24	47	97 021	28 414,315	460 180,779	16,195	15,729	74	97	3 781	85,727	227,827	2,658	2,191
25	48	96 797	26 934,597	431 766,464	16,030	15,563	75	98	2 609	56,217	142,100	2,528	2,061
26	49	96 561	25 528,508	404 831,867	15,858	15,391	76	99	1 743	35,684	85,883	2,407	1,940
27	50	96 300	24 189,589	379 303,359	15,680	15,214	77	100	1 125	21,878	50,199	2,295	1,828
28	51	96 014	22 914,771	355 113,770	15,497	15,030							
29	52	95 715	21 704,067	332 199,000	15,306	14,839							
30	53	95 389	20 551,072	310 494,933	15,108	14,642							
31	54	95 036	19 453,685	289 943,861	14,904	14,438							
32	55	94 663	18 410,764	270 490,176	14,692	14,225							
33	56	94 252	17 416,470	252 079,412	14,474	14,007							
34	57	93 826	16 472,979	234 662,942	14,245	13,779							
35	58	93 363	15 574,112	218 189,962	14,010	13,543							
36	59	92 857	14 717,037	202 615,850	13,767	13,301							
37	60	92 329	13 903,423	187 898,814	13,515	13,048							
38	61	91 734	13 124,697	173 995,391	13,257	12,790							
39	62	91 114	12 385,774	160 870,693	12,988	12,522							
40	63	90 436	11 680,388	148 484,919	12,712	12,246							
41	64	89 710	11 008,719	136 804,531	12,427	11,960							
42	65	88 933	10 368,900	125 795,812	12,132	11,665							
43	66	88 102	9 759,647	115 426,912	11,827	11,360							
44	67	87 210	9 178,917	105 667,265	11,512	11,045							
45	68	86 239	8 624,009	96 488,348	11,188	10,722							
46	69	85 188	8 094,015	87 864,339	10,855	10,389							
47	70	84 022	7 584,981	79 770,324	10,517	10,050							
48	71	82 761	7 098,501	72 185,343	10,169	9,702							
49	72	81 369	6 630,928	65 086,842	9,816	9,349							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 851 717,217	18,639	18,172	50	74	78 414	6 071,405	55 478,107	9,138	8,671
1	25	98 922	93 987,538	1 752 369,295	18,645	18,178	51	75	76 570	5 632,917	49 406,702	8,771	8,304
2	26	98 865	89 247,647	1 658 381,756	18,582	18,115	52	76	74 505	5 207,570	43 773,785	8,406	7,939
3	27	98 819	84 756,893	1 569 134,110	18,513	18,047	53	77	72 234	4 797,031	38 566,215	8,040	7,573
4	28	98 779	80 496,171	1 484 377,217	18,440	17,974	54	78	69 740	4 400,391	33 769,183	7,674	7,207
5	29	98 739	76 450,040	1 403 881,046	18,363	17,897	55	79	66 989	4 015,944	29 368,793	7,313	6,846
6	30	98 700	72 608,069	1 327 431,006	18,282	17,815	56	80	64 029	3 647,011	25 352,848	6,952	6,485
7	31	98 663	68 960,086	1 254 822,937	18,196	17,730	57	81	60 795	3 290,109	21 705,837	6,597	6,131
8	32	98 621	65 492,576	1 185 862,851	18,107	17,640	58	82	57 326	2 947,607	18 415,728	6,248	5,781
9	33	98 577	62 198,193	1 120 370,275	18,013	17,546	59	83	53 588	2 617,958	15 468,121	5,908	5,442
10	34	98 533	59 069,219	1 058 172,082	17,914	17,447	60	84	49 626	2 303,472	12 850,163	5,579	5,112
11	35	98 484	56 094,981	999 102,863	17,811	17,344	61	85	45 467	2 005,160	10 546,691	5,260	4,793
12	36	98 433	53 269,002	943 007,882	17,703	17,236	62	86	41 121	1 723,050	8 541,531	4,957	4,490
13	37	98 377	50 582,987	889 738,881	17,590	17,123	63	87	36 690	1 460,697	6 818,481	4,668	4,201
14	38	98 316	48 030,327	839 155,894	17,471	17,005	64	88	32 057	1 212,567	5 357,785	4,419	3,952
15	39	98 242	45 600,088	791 125,567	17,349	16,882	65	89	27 632	993,059	4 145,218	4,174	3,707
16	40	98 153	43 286,383	745 525,478	17,223	16,756	66	90	23 399	798,998	3 152,159	3,945	3,478
17	41	98 054	41 085,703	702 239,096	17,092	16,625	67	91	19 599	635,861	2 353,161	3,701	3,234
18	42	97 939	38 990,541	661 153,393	16,957	16,490	68	92	15 914	490,534	1 717,300	3,501	3,034
19	43	97 792	36 990,034	622 162,852	16,820	16,353	69	93	12 653	370,558	1 226,766	3,311	2,844
20	44	97 636	35 088,683	585 172,818	16,677	16,210	70	94	9 818	273,200	856,208	3,134	2,667
21	45	97 467	33 280,823	550 084,135	16,529	16,062	71	95	7 426	196,324	583,008	2,970	2,503
22	46	97 280	31 560,158	516 803,312	16,375	15,908	72	96	5 466	137,293	386,684	2,816	2,350
23	47	97 075	29 922,547	485 243,154	16,217	15,750	73	97	3 906	93,216	249,391	2,675	2,209
24	48	96 853	28 365,005	455 320,607	16,052	15,585	74	98	2 707	61,384	156,175	2,544	2,077
25	49	96 618	26 884,688	426 955,603	15,881	15,414	75	99	1 815	39,111	94,791	2,424	1,957
26	50	96 359	25 475,100	400 070,915	15,704	15,238	76	100	1 177	24,090	55,680	2,311	1,844
27	51	96 075	24 133,071	374 595,814	15,522	15,055							
28	52	95 775	22 857,695	350 462,743	15,332	14,866							
29	53	95 450	21 643,928	327 605,049	15,136	14,669							
30	54	95 099	20 488,614	305 961,120	14,933	14,466							
31	55	94 733	19 391,702	285 472,506	14,721	14,255							
32	56	94 322	18 344,530	266 080,804	14,505	14,038							
33	57	93 894	17 350,412	247 736,274	14,278	13,812							
34	58	93 439	16 405,007	230 385,862	14,044	13,577							
35	59	92 938	15 503,099	213 980,855	13,802	13,336							
36	60	92 414	14 646,714	198 477,755	13,551	13,084							
37	61	91 824	13 827,401	183 831,042	13,295	12,828							
38	62	91 212	13 050,077	170 003,641	13,027	12,560							
39	63	90 542	12 308,056	156 953,563	12,752	12,285							
40	64	89 833	11 602,495	144 645,508	12,467	12,000							
41	65	89 065	10 929,502	133 043,012	12,173	11,706							
42	66	88 244	10 288,620	122 113,510	11,869	11,402							
43	67	87 378	9 679,425	111 824,890	11,553	11,086							
44	68	86 423	9 096,127	102 145,465	11,230	10,763							
45	69	85 394	8 539,536	93 049,338	10,896	10,430							
46	70	84 254	8 005,243	84 509,803	10,557	10,090							
47	71	83 018	7 494,354	76 504,560	10,208	9,741							
48	72	81 657	7 003,785	69 010,206	9,853	9,386							
49	73	80 110	6 528,314	62 006,420	9,498	9,031							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 845 908,581	18,584	18,118	50	75	76 899	5 954,080	52 419,922	8,804	8,337
1	26	98 900	93 966,594	1 746 583,246	18,587	18,120	51	76	74 864	5 507,409	46 465,841	8,437	7,970
2	27	98 838	89 223,803	1 652 616,652	18,522	18,055	52	77	72 616	5 075,571	40 958,432	8,070	7,603
3	28	98 794	84 735,014	1 563 392,849	18,450	17,984	53	78	70 143	4 658,137	35 882,862	7,703	7,236
4	29	98 753	80 475,263	1 478 657,835	18,374	17,907	54	79	67 421	4 254,042	31 224,725	7,340	6,873
5	30	98 712	76 428,836	1 398 182,571	18,294	17,827	55	80	64 474	3 865,143	26 970,683	6,978	6,511
6	31	98 673	72 588,143	1 321 753,735	18,209	17,742	56	81	61 252	3 488,829	23 105,540	6,623	6,156
7	32	98 630	68 937,603	1 249 165,593	18,120	17,653	57	82	57 786	3 127,263	19 616,711	6,273	5,806
8	33	98 587	65 469,893	1 180 227,990	18,027	17,560	58	83	54 066	2 779,983	16 489,448	5,931	5,465
9	34	98 542	62 175,690	1 114 758,097	17,929	17,462	59	84	50 107	2 447,898	13 709,466	5,601	5,134
10	35	98 493	59 045,247	1 052 582,407	17,827	17,360	60	85	45 954	2 133,048	11 261,568	5,280	4,813
11	36	98 442	56 071,076	993 537,160	17,719	17,252	61	86	41 589	1 834,129	9 128,520	4,977	4,510
12	37	98 387	53 244,161	937 466,083	17,607	17,140	62	87	37 147	1 556,519	7 294,391	4,686	4,220
13	38	98 325	50 556,345	884 221,922	17,490	17,023	63	88	32 483	1 293,211	5 737,872	4,437	3,970
14	39	98 258	48 002,009	833 665,577	17,367	16,901	64	89	28 035	1 060,436	4 444,660	4,191	3,725
15	40	98 173	45 568,020	785 663,568	17,242	16,775	65	90	23 770	854,260	3 384,225	3,962	3,495
16	41	98 083	43 255,529	740 095,548	17,110	16,643	66	91	19 932	680,589	2 529,965	3,717	3,251
17	42	97 973	41 051,562	696 840,019	16,975	16,508	67	92	16 206	525,765	1 849,376	3,517	3,051
18	43	97 847	38 953,658	655 788,458	16,835	16,368	68	93	12 906	397,831	1 323,610	3,327	2,860
19	44	97 689	36 950,989	616 834,800	16,693	16,227	69	94	10 035	293,896	925,779	3,150	2,683
20	45	97 525	35 049,004	579 883,811	16,545	16,078	70	95	7 605	211,623	631,883	2,986	2,519
21	46	97 335	33 235,808	544 834,807	16,393	15,926	71	96	5 611	148,333	420,260	2,833	2,366
22	47	97 130	31 511,211	511 598,998	16,235	15,769	72	97	4 023	101,049	271,927	2,691	2,224
23	48	96 906	29 870,619	480 087,788	16,072	15,605	73	98	2 797	66,747	170,878	2,560	2,093
24	49	96 674	28 312,445	450 217,169	15,902	15,435	74	99	1 883	42,706	104,131	2,438	1,972
25	50	96 416	26 828,443	421 904,723	15,726	15,259	75	100	1 226	26,404	61,425	2,326	1,860
26	51	96 133	25 415,579	395 076,280	15,545	15,078							
27	52	95 835	24 072,960	369 660,701	15,356	14,889							
28	53	95 509	22 794,360	345 587,741	15,161	14,694							
29	54	95 160	21 578,148	322 793,381	14,959	14,492							
30	55	94 796	20 423,334	301 215,233	14,749	14,282							
31	56	94 392	19 321,940	280 791,899	14,532	14,065							
32	57	93 964	18 274,951	261 469,958	14,308	13,841							
33	58	93 507	17 278,819	243 195,007	14,075	13,608							
34	59	93 013	16 330,206	225 916,188	13,834	13,367							
35	60	92 494	15 429,020	209 585,982	13,584	13,117							
36	61	91 908	14 566,627	194 156,962	13,329	12,862							
37	62	91 302	13 748,786	179 590,334	13,062	12,595							
38	63	90 640	12 968,191	165 841,549	12,788	12,322							
39	64	89 939	12 225,978	152 873,358	12,504	12,037							
40	65	89 187	11 519,006	140 647,380	12,210	11,743							
41	66	88 375	10 844,881	129 128,374	11,907	11,440							
42	67	87 519	10 204,050	118 283,492	11,592	11,125							
43	68	86 589	9 592,120	108 079,442	11,268	10,801							
44	69	85 576	9 007,029	98 487,322	10,934	10,468							
45	70	84 458	8 445,877	89 480,293	10,595	10,128							
46	71	83 247	7 909,594	81 034,416	10,245	9,778							
47	72	81 910	7 394,357	73 124,822	9,889	9,422							
48	73	80 393	6 895,401	65 730,465	9,533	9,066							
49	74	78 721	6 415,143	58 835,064	9,171	8,704							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	7 216,087	100 837,571	13,974	13,507
1	0	99 594	94 625,947	1 825 841,545	19,295	18,829	51	50	92 606	6 812,569	93 621,483	13,742	13,276
2	1	99 240	89 586,325	1 731 215,599	19,325	18,858	52	51	91 946	6 426,623	86 808,914	13,508	13,041
3	2	99 192	85 077,068	1 641 629,273	19,296	18,829	53	52	91 234	6 058,811	80 382,291	13,267	12,800
4	3	99 162	80 808,084	1 556 552,205	19,262	18,796	54	53	90 460	5 707,703	74 323,480	13,022	12,555
5	4	99 133	76 755,207	1 475 744,121	19,227	18,760	55	54	89 607	5 371,869	68 615,777	12,773	12,306
6	5	99 110	72 909,385	1 398 988,915	19,188	18,721	56	55	88 705	5 052,554	63 243,908	12,517	12,050
7	6	99 090	69 259,006	1 326 079,530	19,147	18,680	57	56	87 728	4 747,626	58 191,354	12,257	11,790
8	7	99 073	65 792,642	1 256 820,523	19,103	18,636	58	57	86 699	4 457,909	53 443,728	11,989	11,522
9	8	99 055	62 499,592	1 191 027,881	19,057	18,590	59	58	85 578	4 180,768	48 985,819	11,717	11,250
10	9	99 040	59 373,249	1 128 528,289	19,007	18,541	60	59	84 370	3 916,165	44 805,051	11,441	10,974
11	10	99 025	56 403,013	1 069 155,040	18,956	18,489	61	60	83 076	3 663,779	40 888,885	11,160	10,694
12	11	99 008	53 580,034	1 012 752,027	18,902	18,435	62	61	81 693	3 423,071	37 225,106	10,875	10,408
13	12	98 989	50 898,030	959 171,992	18,845	18,378	63	62	80 230	3 194,076	33 802,035	10,583	10,116
14	13	98 973	48 351,233	908 273,963	18,785	18,318	64	63	78 680	2 976,102	30 607,959	10,285	9,818
15	14	98 947	45 927,319	859 922,730	18,724	18,257	65	64	77 032	2 768,424	27 631,856	9,981	9,514
16	15	98 915	43 622,291	813 995,411	18,660	18,193	66	65	75 285	2 570,702	24 863,432	9,672	9,205
17	16	98 872	41 428,450	770 373,120	18,595	18,128	67	66	73 457	2 383,160	22 292,730	9,354	8,887
18	17	98 823	39 342,182	728 944,669	18,528	18,062	68	67	71 540	2 205,189	19 909,570	9,029	8,562
19	18	98 750	37 352,415	689 602,487	18,462	17,995	69	68	69 501	2 035,489	17 704,381	8,698	8,231
20	19	98 675	35 462,129	652 250,072	18,393	17,926	70	69	67 333	1 873,616	15 668,891	8,363	7,896
21	20	98 595	33 665,865	616 787,943	18,321	17,854	71	70	65 024	1 719,102	13 795,275	8,025	7,558
22	21	98 518	31 961,787	583 122,078	18,244	17,778	72	71	62 587	1 572,144	12 076,173	7,681	7,215
23	22	98 442	30 343,847	551 160,291	18,164	17,697	73	72	59 955	1 430,919	10 504,029	7,341	6,874
24	23	98 365	28 807,759	520 816,444	18,079	17,612	74	73	57 135	1 295,594	9 073,110	7,003	6,536
25	24	98 286	27 348,801	492 008,685	17,990	17,523	75	74	54 118	1 165,967	7 777,517	6,670	6,204
26	25	98 205	25 963,305	464 659,884	17,897	17,430	76	75	50 964	1 043,248	6 611,550	6,337	5,871
27	26	98 123	24 647,664	438 696,579	17,799	17,332	77	76	47 628	926,326	5 568,301	6,011	5,544
28	27	98 035	23 397,134	414 048,915	17,697	17,230	78	77	44 114	815,179	4 641,976	5,694	5,228
29	28	97 949	22 210,545	390 651,781	17,589	17,122	79	78	40 454	710,249	3 826,796	5,388	4,921
30	29	97 861	21 083,602	368 441,236	17,475	17,008	80	79	36 739	612,854	3 116,547	5,085	4,619
31	30	97 768	20 013,066	347 357,634	17,357	16,890	81	80	32 958	522,364	2 503,693	4,793	4,326
32	31	97 669	18 995,481	327 344,568	17,233	16,766	82	81	29 168	439,237	1 981,329	4,511	4,044
33	32	97 564	18 028,609	308 349,087	17,103	16,637	83	82	25 442	364,009	1 542,092	4,236	3,770
34	33	97 460	17 110,952	290 320,477	16,967	16,500	84	83	21 828	296,731	1 178,083	3,970	3,503
35	34	97 346	16 238,424	273 209,526	16,825	16,358	85	84	18 364	237,180	881,352	3,716	3,249
36	35	97 222	15 408,822	256 971,102	16,677	16,210	86	85	15 087	185,139	644,171	3,479	3,013
37	36	97 092	14 620,622	241 562,280	16,522	16,055	87	86	12 066	140,686	459,033	3,263	2,796
38	37	96 951	13 871,136	226 941,658	16,361	15,894	88	87	9 354	103,617	318,347	3,072	2,606
39	38	96 796	13 158,104	213 070,521	16,193	15,726	89	88	7 032	74,013	214,729	2,901	2,434
40	39	96 625	12 479,724	199 912,418	16,019	15,552	90	89	5 139	51,392	140,716	2,738	2,271
41	40	96 425	11 832,727	187 432,694	15,840	15,373	91	90	3 670	34,871	89,324	2,562	2,095
42	41	96 213	11 217,794	175 599,967	15,654	15,187	92	91	2 519	22,740	54,454	2,395	1,928
43	42	95 978	10 632,207	164 382,173	15,461	14,994	93	92	1 630	13,984	31,713	2,268	1,801
44	43	95 703	10 072,895	153 749,966	15,264	14,797	94	93	1 013	8,252	17,729	2,148	1,682
45	44	95 399	9 539,999	143 677,071	15,060	14,594	95	94	600	4,646	9,477	2,040	1,573
46	45	95 061	9 032,058	134 137,072	14,851	14,384	96	95	338	2,488	4,831	1,941	1,475
47	46	94 671	8 546,315	125 105,015	14,638	14,172	97	96	181	1,265	2,343	1,852	1,385
48	47	94 232	8 082,342	116 558,700	14,421	13,955	98	97	92	0,609	1,078	1,771	1,304
49	48	93 736	7 638,787	108 476,357	14,201	13,734	99	98	44	0,276	0,469	1,697	1,230
							100	99	20	0,118	0,193	1,630	1,163

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	7 229,483	101 568,104	14,049	13,582
1							51	49	92 800	6 826,851	94 338,620	13,819	13,352
2	0	99 558	89 873,887	1 732 579,318	19,278	18,811	52	50	92 161	6 441,674	87 511,769	13,585	13,118
3	1	99 221	85 101,265	1 642 705,431	19,303	18,836	53	51	91 462	6 073,940	81 070,096	13,347	12,880
4	2	99 178	80 821,114	1 557 604,165	19,272	18,805	54	52	90 711	5 723,562	74 996,156	13,103	12,636
5	3	99 147	76 766,214	1 476 783,052	19,237	18,771	55	53	89 880	5 388,245	69 272,593	12,856	12,389
6	4	99 122	72 918,124	1 400 016,838	19,200	18,733	56	54	88 989	5 068,704	63 884,349	12,604	12,137
7	5	99 099	69 265,272	1 327 098,714	19,160	18,693	57	55	88 044	4 764,767	58 815,644	12,344	11,877
8	6	99 081	65 797,917	1 257 833,442	19,117	18,650	58	56	87 029	4 474,882	54 050,878	12,079	11,612
9	7	99 063	62 504,814	1 192 035,524	19,071	18,604	59	57	85 932	4 198,090	49 575,995	11,809	11,342
10	8	99 046	59 376,937	1 129 530,710	19,023	18,556	60	58	84 756	3 934,104	45 377,905	11,534	11,068
11	9	99 031	56 406,594	1 070 153,773	18,972	18,505	61	59	83 475	3 681,370	41 443,801	11,258	10,791
12	10	99 016	53 584,351	1 013 747,179	18,919	18,452	62	60	82 142	3 441,891	37 762,431	10,971	10,505
13	11	98 997	50 902,073	960 162,828	18,863	18,396	63	61	80 689	3 212,340	34 320,540	10,684	10,217
14	12	98 981	48 354,939	909 260,755	18,804	18,337	64	62	79 176	2 994,895	31 108,200	10,387	9,920
15	13	98 957	45 931,837	860 905,816	18,743	18,276	65	63	77 549	2 787,010	28 113,305	10,087	9,620
16	14	98 927	43 627,692	814 973,978	18,680	18,213	66	64	75 831	2 589,335	25 326,296	9,781	9,314
17	15	98 886	41 434,067	771 346,287	18,616	18,149	67	65	74 030	2 401,756	22 736,961	9,467	9,000
18	16	98 839	39 348,508	729 912,219	18,550	18,083	68	66	72 133	2 223,465	20 335,206	9,146	8,679
19	17	98 768	37 358,973	690 563,711	18,485	18,018	69	67	70 134	2 054,016	18 111,740	8,818	8,351
20	18	98 697	35 469,877	653 204,739	18,416	17,949	70	68	67 999	1 892,150	16 057,725	8,486	8,020
21	19	98 616	33 673,106	617 734,861	18,345	17,878	71	69	65 745	1 738,166	14 165,575	8,150	7,683
22	20	98 539	31 968,532	584 061,755	18,270	17,803	72	70	63 344	1 591,156	12 427,409	7,810	7,344
23	21	98 463	30 350,407	552 093,223	18,191	17,724	73	71	60 766	1 450,270	10 836,253	7,472	7,005
24	22	98 387	28 814,380	521 742,815	18,107	17,640	74	72	58 033	1 315,958	9 385,984	7,132	6,666
25	23	98 308	27 355,023	492 928,435	18,020	17,553	75	73	55 073	1 186,536	8 070,025	6,801	6,335
26	24	98 228	25 969,209	465 573,412	17,928	17,461	76	74	51 969	1 063,806	6 883,489	6,471	6,004
27	25	98 145	24 653,158	439 604,203	17,832	17,365	77	75	48 714	947,436	5 819,684	6,143	5,676
28	26	98 061	23 403,386	414 951,045	17,730	17,264	78	76	45 261	836,380	4 872,248	5,825	5,359
29	27	97 974	22 216,280	391 547,659	17,624	17,158	79	77	41 660	731,427	4 035,868	5,518	5,051
30	28	97 886	21 089,079	369 331,379	17,513	17,046	80	78	38 003	633,938	3 304,442	5,213	4,746
31	29	97 796	20 018,619	348 242,299	17,396	16,929	81	79	34 244	542,745	2 670,504	4,920	4,454
32	30	97 696	19 000,695	328 223,681	17,274	16,808	82	80	30 491	459,152	2 127,759	4,634	4,167
33	31	97 596	18 034,489	309 222,985	17,146	16,679	83	81	26 767	382,964	1 668,607	4,357	3,890
34	32	97 494	17 116,880	291 188,496	17,012	16,545	84	82	23 144	314,623	1 285,643	4,086	3,620
35	33	97 381	16 244,301	274 071,616	16,872	16,405	85	83	19 639	253,658	971,020	3,828	3,361
36	34	97 262	15 415,078	257 827,316	16,726	16,259	86	84	16 292	199,931	717,362	3,588	3,121
37	35	97 133	14 626,856	242 412,238	16,573	16,106	87	85	13 191	153,805	517,432	3,364	2,897
38	36	96 996	13 877,608	227 785,382	16,414	15,947	88	86	10 354	114,703	363,627	3,170	2,703
39	37	96 847	13 165,038	213 907,774	16,248	15,781	89	87	7 943	83,599	248,924	2,978	2,511
40	38	96 682	12 487,086	200 742,737	16,076	15,609	90	88	5 876	58,765	165,325	2,813	2,347
41	39	96 493	11 841,054	188 255,651	15,899	15,432	91	89	4 266	40,536	106,560	2,629	2,162
42	40	96 282	11 225,796	176 414,597	15,715	15,248	92	90	2 957	26,697	66,024	2,473	2,006
43	41	96 058	10 641,049	165 188,801	15,524	15,057	93	91	1 972	16,912	39,327	2,325	1,859
44	42	95 794	10 082,432	154 547,752	15,328	14,862	94	92	1 249	10,175	22,414	2,203	1,736
45	43	95 500	9 550,080	144 465,319	15,127	14,660	95	93	756	5,857	12,240	2,090	1,623
46	44	95 169	9 042,283	134 915,240	14,920	14,454	96	94	437	3,213	6,382	1,987	1,520
47	45	94 799	8 557,890	125 872,957	14,708	14,242	97	95	240	1,674	3,170	1,893	1,426
48	46	94 378	8 094,897	117 315,067	14,492	14,026	98	96	125	0,827	1,495	1,808	1,341
49	47	93 899	7 652,066	109 220,170	14,273	13,806	99	97	61	0,386	0,668	1,731	1,264
							100	98	28	0,170	0,282	1,661	1,194



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	7 242,051	102 242,360	14,118	13,651
1							51	48	92 972	6 839,525	95 000,309	13,890	13,423
2							52	49	92 354	6 455,178	88 160,784	13,657	13,191
3	0	99 539	85 374,430	1 643 968,315	19,256	18,789	53	50	91 676	6 088,165	81 705,606	13,420	12,954
4	1	99 206	80 844,100	1 558 593,885	19,279	18,812	54	51	90 938	5 737,854	75 617,441	13,179	12,712
5	2	99 163	76 778,592	1 477 749,785	19,247	18,780	55	52	90 130	5 403,216	69 879,587	12,933	12,466
6	3	99 136	72 928,581	1 400 971,193	19,210	18,743	56	53	89 260	5 084,156	64 476,371	12,682	12,215
7	4	99 111	69 273,574	1 328 042,612	19,171	18,704	57	54	88 326	4 779,997	59 392,215	12,425	11,958
8	5	99 090	65 803,870	1 258 769,038	19,129	18,662	58	55	87 343	4 491,039	54 612,218	12,160	11,693
9	6	99 071	62 509,826	1 192 965,168	19,084	18,618	59	56	86 259	4 214,074	50 121,180	11,894	11,427
10	7	99 055	59 381,898	1 130 455,342	19,037	18,570	60	57	85 107	3 950,404	45 907,106	11,621	11,154
11	8	99 038	56 410,098	1 071 073,443	18,987	18,520	61	58	83 858	3 698,233	41 956,702	11,345	10,878
12	9	99 022	53 587,753	1 014 663,345	18,935	18,468	62	59	82 537	3 458,417	38 258,469	11,062	10,596
13	10	99 005	50 906,174	961 075,593	18,879	18,413	63	60	81 133	3 230,001	34 800,052	10,774	10,307
14	11	98 989	48 358,780	910 169,419	18,821	18,354	64	61	79 629	3 012,019	31 570,051	10,481	10,015
15	12	98 964	45 935,359	861 810,639	18,761	18,295	65	62	78 039	2 804,608	28 558,031	10,183	9,716
16	13	98 937	43 631,984	815 875,280	18,699	18,232	66	63	76 340	2 606,718	25 753,423	9,880	9,413
17	14	98 898	41 439,197	772 243,296	18,636	18,169	67	64	74 567	2 419,164	23 146,706	9,568	9,101
18	15	98 852	39 353,843	730 804,099	18,570	18,103	68	65	72 696	2 240,814	20 727,542	9,250	8,783
19	16	98 784	37 364,979	691 450,256	18,505	18,039	69	66	70 715	2 071,039	18 486,728	8,926	8,460
20	17	98 714	35 476,105	654 085,277	18,437	17,971	70	67	68 618	1 909,372	16 415,688	8,597	8,131
21	18	98 638	33 680,464	618 609,172	18,367	17,900	71	68	66 395	1 755,360	14 506,316	8,264	7,797
22	19	98 560	31 975,409	584 928,708	18,293	17,826	72	69	64 046	1 608,800	12 750,957	7,926	7,459
23	20	98 484	30 356,812	552 953,300	18,215	17,748	73	70	61 501	1 467,807	11 142,156	7,591	7,124
24	21	98 409	28 820,610	522 596,488	18,133	17,666	74	71	58 818	1 333,754	9 674,349	7,253	6,787
25	22	98 331	27 361,311	493 775,878	18,046	17,580	75	72	55 939	1 205,186	8 340,595	6,921	6,454
26	23	98 250	25 975,117	466 414,567	17,956	17,489	76	73	52 886	1 082,572	7 135,408	6,591	6,124
27	24	98 168	24 658,764	440 439,450	17,861	17,395	77	74	49 674	966,105	6 052,836	6,265	5,798
28	25	98 083	23 408,603	415 780,686	17,762	17,295	78	75	46 293	855,440	5 086,731	5,946	5,480
29	26	98 001	22 222,217	392 372,083	17,657	17,190	79	76	42 743	750,449	4 231,291	5,638	5,172
30	27	97 911	21 094,525	370 149,866	17,547	17,080	80	77	39 136	652,840	3 480,842	5,332	4,865
31	28	97 821	20 023,819	349 055,342	17,432	16,965	81	78	35 422	561,416	2 828,002	5,037	4,570
32	29	97 723	19 005,967	329 031,522	17,312	16,845	82	79	31 680	477,066	2 266,586	4,751	4,284
33	30	97 623	18 039,440	310 025,555	17,186	16,719	83	80	27 980	400,328	1 789,519	4,470	4,003
34	31	97 525	17 122,462	291 986,115	17,053	16,586	84	81	24 350	331,006	1 389,192	4,197	3,730
35	32	97 415	16 249,929	274 863,653	16,915	16,448	85	82	20 824	268,952	1 058,185	3,934	3,468
36	33	97 297	15 420,657	258 613,724	16,771	16,304	86	83	17 424	213,820	789,233	3,691	3,224
37	34	97 173	14 632,794	243 193,068	16,620	16,153	87	84	14 245	166,093	575,413	3,464	2,998
38	35	97 038	13 883,524	228 560,274	16,463	15,996	88	85	11 320	125,399	409,319	3,264	2,797
39	36	96 892	13 171,180	214 676,749	16,299	15,832	89	86	8 792	92,543	283,920	3,068	2,601
40	37	96 733	12 493,666	201 505,570	16,129	15,662	90	87	6 637	66,376	191,377	2,883	2,416
41	38	96 550	11 848,039	189 011,903	15,953	15,486	91	88	4 878	46,352	125,002	2,697	2,230
42	39	96 350	11 233,696	177 163,864	15,771	15,304	92	89	3 438	31,035	78,650	2,534	2,067
43	40	96 127	10 648,640	165 930,168	15,582	15,115	93	90	2 315	19,855	47,615	2,398	1,931
44	41	95 874	10 090,818	155 281,529	15,388	14,922	94	91	1 510	12,306	27,761	2,256	1,789
45	42	95 590	9 559,122	145 190,711	15,189	14,722	95	92	933	7,222	15,455	2,140	1,673
46	43	95 269	9 051,837	135 631,589	14,984	14,517	96	93	551	4,051	8,233	2,032	1,566
47	44	94 907	8 567,578	126 579,751	14,774	14,307	97	94	309	2,161	4,182	1,935	1,468
48	45	94 506	8 105,860	118 012,173	14,559	14,092	98	95	165	1,094	2,021	1,846	1,379
49	46	94 045	7 663,953	109 906,313	14,341	13,874	99	96	83	0,525	0,926	1,766	1,299
							100	97	40	0,237	0,402	1,693	1,226

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	7 253,301	102 863,722	14,182	13,715
1							51	47	93 134	6 851,415	95 610,422	13,955	13,488
2							52	48	92 526	6 467,162	88 759,007	13,725	13,258
3							53	49	91 869	6 100,928	82 291,845	13,488	13,022
4	0	99 524	81 103,601	1 559 762,909	19,232	18,765	54	50	91 150	5 751,292	76 190,917	13,248	12,781
5	1	99 191	76 800,429	1 478 659,309	19,253	18,786	55	51	90 355	5 416,708	70 439,625	13,004	12,537
6	2	99 152	72 940,340	1 401 858,880	19,219	18,752	56	52	89 508	5 098,282	65 022,917	12,754	12,287
7	3	99 125	69 283,509	1 328 918,540	19,181	18,714	57	53	88 595	4 794,568	59 924,635	12,498	12,032
8	4	99 102	65 811,757	1 259 635,031	19,140	18,673	58	54	87 622	4 505,394	55 130,066	12,236	11,770
9	5	99 080	62 515,481	1 193 823,274	19,096	18,630	59	55	86 571	4 229,289	50 624,673	11,970	11,503
10	6	99 063	59 386,660	1 131 307,793	19,050	18,583	60	56	85 432	3 965,445	46 395,384	11,700	11,233
11	7	99 046	56 414,811	1 071 921,133	19,001	18,534	61	57	84 205	3 713,556	42 429,939	11,426	10,959
12	8	99 028	53 591,082	1 015 506,322	18,949	18,482	62	58	82 915	3 474,258	38 716,383	11,144	10,677
13	9	99 011	50 909,406	961 915,241	18,895	18,428	63	59	81 522	3 245,510	35 242,125	10,859	10,392
14	10	98 996	48 362,676	911 005,835	18,837	18,370	64	60	80 067	3 028,579	31 996,616	10,565	10,098
15	11	98 972	45 939,007	862 643,159	18,778	18,311	65	61	78 485	2 820,645	28 968,037	10,270	9,803
16	12	98 945	43 635,329	816 704,152	18,717	18,250	66	62	76 822	2 623,178	26 147,392	9,968	9,501
17	13	98 908	41 443,274	773 068,823	18,654	18,187	67	63	75 068	2 435,404	23 524,214	9,659	9,192
18	14	98 864	39 358,715	731 625,549	18,589	18,122	68	64	73 223	2 257,056	21 088,810	9,344	8,877
19	15	98 797	37 370,045	692 266,834	18,525	18,058	69	65	71 267	2 087,199	18 831,754	9,022	8,556
20	16	98 730	35 481,809	654 896,788	18,457	17,990	70	66	69 187	1 925,196	16 744,555	8,698	8,231
21	17	98 655	33 686,377	619 414,979	18,388	17,921	71	67	66 999	1 771,337	14 819,358	8,366	7,899
22	18	98 582	31 982,395	585 728,603	18,314	17,847	72	68	64 680	1 624,715	13 048,022	8,031	7,564
23	19	98 505	30 363,342	553 746,208	18,237	17,771	73	69	62 183	1 484,084	11 423,307	7,697	7,230
24	20	98 430	28 826,692	523 382,866	18,156	17,689	74	70	59 529	1 349,883	9 939,223	7,363	6,896
25	21	98 352	27 367,226	494 556,174	18,071	17,604	75	71	56 695	1 221,485	8 589,340	7,032	6,565
26	22	98 273	25 981,088	467 188,948	17,982	17,515	76	72	53 717	1 099,589	7 367,855	6,701	6,234
27	23	98 190	24 664,374	441 207,860	17,888	17,422	77	73	50 550	983,148	6 268,266	6,376	5,909
28	24	98 105	23 413,926	416 543,486	17,790	17,324	78	74	47 205	872,296	5 285,118	6,059	5,592
29	25	98 022	22 227,170	393 129,560	17,687	17,220	79	75	43 717	767,551	4 412,822	5,749	5,282
30	26	97 937	21 100,162	370 902,390	17,578	17,111	80	76	40 154	669,819	3 645,271	5,442	4,975
31	27	97 846	20 028,990	349 802,229	17,465	16,998	81	77	36 478	578,157	2 975,453	5,146	4,680
32	28	97 749	19 010,905	329 773,239	17,347	16,880	82	78	32 770	493,478	2 397,296	4,858	4,391
33	29	97 650	18 044,445	310 762,334	17,222	16,755	83	79	29 072	415,947	1 903,818	4,577	4,110
34	30	97 552	17 127,163	292 717,890	17,091	16,624	84	80	25 454	346,014	1 487,871	4,300	3,833
35	31	97 447	16 255,228	275 590,727	16,954	16,487	85	81	21 908	282,958	1 141,857	4,035	3,569
36	32	97 331	15 425,999	259 335,499	16,812	16,345	86	82	18 475	226,713	858,899	3,788	3,322
37	33	97 208	14 638,090	243 909,499	16,663	16,196	87	83	15 235	177,632	632,186	3,559	3,092
38	34	97 077	13 889,161	229 271,409	16,507	16,040	88	84	12 224	135,418	454,554	3,357	2,890
39	35	96 933	13 176,795	215 382,248	16,346	15,879	89	85	9 612	101,172	319,136	3,154	2,688
40	36	96 778	12 499,495	202 205,453	16,177	15,710	90	86	7 348	73,477	217,964	2,966	2,500
41	37	96 601	11 854,283	189 705,958	16,003	15,536	91	87	5 510	52,355	144,487	2,760	2,293
42	38	96 407	11 240,323	177 851,676	15,823	15,356	92	88	3 931	35,487	92,132	2,596	2,129
43	39	96 194	10 656,134	166 611,353	15,635	15,168	93	89	2 691	23,081	56,645	2,454	1,987
44	40	95 942	10 098,015	155 955,219	15,444	14,977	94	90	1 773	14,447	33,564	2,323	1,857
45	41	95 670	9 567,072	145 857,204	15,246	14,779	95	91	1 128	8,735	19,118	2,189	1,722
46	42	95 360	9 060,408	136 290,131	15,042	14,576	96	92	679	4,994	10,383	2,079	1,612
47	43	95 007	8 576,632	127 229,723	14,834	14,368	97	93	390	2,725	5,389	1,977	1,510
48	44	94 613	8 115,037	118 653,092	14,621	14,155	98	94	213	1,413	2,663	1,885	1,418
49	45	94 172	7 674,333	110 538,055	14,404	13,937	99	95	110	0,694	1,250	1,801	1,334
							100	96	54	0,322	0,556	1,725	1,258

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	7 263,124	103 435,310	14,241	13,774
1							51	46	93 279	6 862,057	96 172,186	14,015	13,548
2							52	47	92 687	6 478,405	89 310,129	13,786	13,319
3							53	48	92 039	6 112,254	82 831,724	13,552	13,085
4							54	49	91 342	5 763,349	76 719,470	13,312	12,845
5	0	99 510	77 046,949	1 479 741,098	19,206	18,739	55	50	90 566	5 429,394	70 956,121	13,069	12,602
6	1	99 180	72 961,085	1 402 694,148	19,225	18,758	56	51	89 731	5 111,013	65 526,727	12,821	12,354
7	2	99 141	69 294,680	1 329 733,063	19,190	18,723	57	52	88 841	4 807,890	60 415,715	12,566	12,099
8	3	99 116	65 821,195	1 260 438,383	19,149	18,683	58	53	87 889	4 519,128	55 607,824	12,305	11,838
9	4	99 092	62 522,974	1 194 617,188	19,107	18,640	59	54	86 848	4 242,807	51 088,696	12,041	11,574
10	5	99 072	59 392,032	1 132 094,214	19,061	18,595	60	55	85 740	3 979,762	46 845,889	11,771	11,304
11	6	99 054	56 419,335	1 072 702,181	19,013	18,546	61	56	84 526	3 727,695	42 866,127	11,499	11,033
12	7	99 036	53 595,559	1 016 282,847	18,962	18,495	62	57	83 258	3 488,653	39 138,433	11,219	10,752
13	8	99 018	50 912,568	962 687,287	18,909	18,442	63	58	81 896	3 260,376	35 649,780	10,934	10,467
14	9	99 003	48 365,747	911 774,720	18,852	18,385	64	59	80 451	3 043,120	32 389,404	10,643	10,177
15	10	98 980	45 942,708	863 408,973	18,793	18,326	65	60	78 916	2 836,152	29 346,283	10,347	9,880
16	11	98 952	43 638,795	817 466,265	18,733	18,266	66	61	77 261	2 638,177	26 510,131	10,049	9,582
17	12	98 915	41 446,451	773 827,470	18,671	18,204	67	62	75 542	2 450,782	23 871,954	9,741	9,274
18	13	98 874	39 362,588	732 381,019	18,606	18,139	68	63	73 714	2 272,208	21 421,172	9,427	8,961
19	14	98 809	37 374,672	693 018,432	18,542	18,076	69	64	71 784	2 102,327	19 148,963	9,108	8,642
20	15	98 743	35 486,620	655 643,759	18,476	18,009	70	65	69 727	1 940,218	17 046,636	8,786	8,319
21	16	98 671	33 691,793	620 157,140	18,407	17,940	71	66	67 555	1 786,017	15 106,417	8,458	7,991
22	17	98 599	31 988,010	586 465,347	18,334	17,867	72	67	65 268	1 639,502	13 320,400	8,125	7,658
23	18	98 526	30 369,976	554 477,337	18,257	17,791	73	68	62 798	1 498,765	11 680,898	7,794	7,327
24	19	98 451	28 832,892	524 107,361	18,177	17,711	74	69	60 190	1 364,852	10 182,133	7,460	6,993
25	20	98 373	27 373,002	495 274,469	18,094	17,627	75	70	57 381	1 236,256	8 817,281	7,132	6,665
26	21	98 294	25 986,705	467 901,467	18,005	17,539	76	71	54 443	1 114,459	7 581,025	6,802	6,336
27	22	98 212	24 670,043	441 914,763	17,913	17,446	77	72	51 345	998,602	6 466,566	6,476	6,009
28	23	98 128	23 419,253	417 244,719	17,816	17,350	78	73	48 038	887,684	5 467,964	6,160	5,693
29	24	98 045	22 232,225	393 825,467	17,714	17,247	79	74	44 579	782,675	4 580,280	5,852	5,385
30	25	97 959	21 104,865	371 593,242	17,607	17,140	80	75	41 069	685,083	3 797,605	5,543	5,076
31	26	97 872	20 034,342	350 488,377	17,494	17,028	81	76	37 427	593,193	3 112,522	5,247	4,780
32	27	97 774	19 015,813	330 454,035	17,378	16,911	82	77	33 747	508,193	2 519,329	4,957	4,491
33	28	97 676	18 049,133	311 438,222	17,255	16,788	83	78	30 072	430,256	2 011,136	4,674	4,207
34	29	97 579	17 131,914	293 389,089	17,125	16,659	84	79	26 447	359,514	1 580,880	4,397	3,930
35	30	97 473	16 259,691	276 257,175	16,990	16,524	85	80	22 901	295,787	1 221,366	4,129	3,662
36	31	97 362	15 431,030	259 997,484	16,849	16,382	86	81	19 437	238,518	925,579	3,881	3,414
37	32	97 242	14 643,162	244 566,454	16,702	16,235	87	82	16 154	188,343	687,061	3,648	3,181
38	33	97 112	13 894,188	229 923,293	16,548	16,081	88	83	13 074	144,826	498,718	3,444	2,977
39	34	96 972	13 182,145	216 029,105	16,388	15,921	89	84	10 380	109,256	353,892	3,239	2,772
40	35	96 819	12 504,824	202 846,960	16,221	15,755	90	85	8 033	80,329	244,636	3,045	2,579
41	36	96 646	11 859,813	190 342,136	16,049	15,583	91	86	6 100	57,956	164,307	2,835	2,368
42	37	96 457	11 246,246	178 482,323	15,870	15,404	92	87	4 440	40,083	106,351	2,653	2,186
43	38	96 251	10 662,420	167 236,077	15,685	15,218	93	88	3 077	26,392	66,268	2,511	2,044
44	39	96 009	10 105,122	156 573,657	15,494	15,028	94	89	2 061	16,794	39,876	2,374	1,908
45	40	95 738	9 573,896	146 468,535	15,299	14,832	95	90	1 324	10,254	23,083	2,251	1,784
46	41	95 439	9 067,943	136 894,638	15,097	14,630	96	91	821	6,040	12,828	2,124	1,657
47	42	95 097	8 584,752	127 826,695	14,890	14,423	97	92	481	3,360	6,788	2,020	1,553
48	43	94 713	8 123,612	119 241,943	14,678	14,212	98	93	268	1,782	3,428	1,924	1,457
49	44	94 279	7 683,021	111 118,331	14,463	13,996	99	94	142	0,896	1,646	1,837	1,370
							100	95	71	0,427	0,750	1,757	1,291

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	7 271,347	103 959,910	14,297	13,830
1							51	45	93 405	6 871,351	96 688,563	14,071	13,604
2							52	46	92 831	6 488,468	89 817,212	13,843	13,376
3							53	47	92 199	6 122,880	83 328,745	13,609	13,143
4							54	48	91 511	5 774,048	77 205,865	13,371	12,904
5							55	49	90 756	5 440,776	71 431,816	13,129	12,662
6	0	99 498	73 195,282	1 403 694,994	19,177	18,711	56	50	89 942	5 122,982	65 991,040	12,881	12,415
7	1	99 170	69 314,388	1 330 499,711	19,195	18,728	57	51	89 063	4 819,896	60 868,058	12,629	12,162
8	2	99 132	65 831,808	1 261 185,323	19,158	18,691	58	52	88 134	4 531,685	56 048,162	12,368	11,901
9	3	99 106	62 531,940	1 195 353,515	19,116	18,649	59	53	87 112	4 255,741	51 516,478	12,105	11,638
10	4	99 083	59 399,151	1 132 821,575	19,071	18,605	60	54	86 014	3 992,483	47 260,737	11,837	11,371
11	5	99 063	56 424,439	1 073 422,423	19,024	18,557	61	55	84 831	3 741,153	43 268,254	11,565	11,099
12	6	99 044	53 599,857	1 016 997,984	18,974	18,507	62	56	83 575	3 501,936	39 527,101	11,287	10,820
13	7	99 026	50 916,822	963 398,128	18,921	18,454	63	57	82 235	3 273,885	36 025,165	11,004	10,537
14	8	99 009	48 368,751	912 481,306	18,865	18,398	64	58	80 820	3 057,060	32 751,280	10,713	10,247
15	9	98 986	45 945,625	864 112,555	18,807	18,340	65	59	79 295	2 849,770	29 694,221	10,420	9,953
16	10	98 960	43 642,310	818 166,930	18,747	18,280	66	60	77 686	2 652,682	26 844,451	10,120	9,653
17	11	98 923	41 449,743	774 524,620	18,686	18,219	67	61	75 973	2 464,796	24 191,770	9,815	9,348
18	12	98 881	39 365,605	733 074,877	18,622	18,155	68	62	74 180	2 286,556	21 726,974	9,502	9,035
19	13	98 819	37 378,349	693 709,272	18,559	18,092	69	63	72 266	2 116,441	19 440,418	9,185	8,719
20	14	98 755	35 491,013	656 330,923	18,493	18,026	70	64	70 232	1 954,281	17 323,977	8,865	8,398
21	15	98 684	33 696,361	620 839,910	18,425	17,958	71	65	68 082	1 799,953	15 369,695	8,539	8,072
22	16	98 615	31 993,153	587 143,549	18,352	17,885	72	66	65 809	1 653,091	13 569,742	8,209	7,742
23	17	98 544	30 375,308	555 150,396	18,276	17,810	73	67	63 370	1 512,406	11 916,652	7,879	7,412
24	18	98 472	28 839,192	524 775,088	18,197	17,730	74	68	60 785	1 378,354	10 404,246	7,548	7,082
25	19	98 394	27 378,890	495 935,896	18,114	17,647	75	69	58 017	1 249,965	9 025,892	7,221	6,754
26	20	98 314	25 992,189	468 557,006	18,027	17,560	76	70	55 102	1 127,936	7 775,927	6,894	6,427
27	21	98 234	24 675,377	442 564,817	17,935	17,469	77	71	52 039	1 012,106	6 647,992	6,568	6,102
28	22	98 150	23 424,636	417 889,441	17,840	17,373	78	72	48 793	901,637	5 635,885	6,251	5,784
29	23	98 067	22 237,283	394 464,805	17,739	17,272	79	73	45 365	796,483	4 734,248	5,944	5,477
30	24	97 982	21 109,664	372 227,523	17,633	17,166	80	74	41 878	698,583	3 937,765	5,637	5,170
31	25	97 894	20 038,807	351 117,858	17,522	17,055	81	75	38 280	606,711	3 239,183	5,339	4,872
32	26	97 800	19 020,895	331 079,051	17,406	16,939	82	76	34 625	521,409	2 632,472	5,049	4,582
33	27	97 701	18 053,793	312 058,156	17,285	16,818	83	77	30 969	443,085	2 111,063	4,764	4,298
34	28	97 605	17 136,365	294 004,363	17,157	16,690	84	78	27 357	371,882	1 667,977	4,485	4,018
35	29	97 500	16 264,202	276 867,998	17,023	16,556	85	79	23 795	307,327	1 296,095	4,217	3,751
36	30	97 389	15 435,266	260 603,796	16,884	16,417	86	80	20 318	249,333	988,768	3,966	3,499
37	31	97 273	14 647,937	245 168,530	16,737	16,271	87	81	16 995	198,150	739,435	3,732	3,265
38	32	97 146	13 899,001	230 520,593	16,585	16,119	88	82	13 862	153,559	541,285	3,525	3,058
39	33	97 007	13 186,916	216 621,591	16,427	15,960	89	83	11 101	116,846	387,726	3,318	2,851
40	34	96 859	12 509,901	203 434,676	16,262	15,795	90	84	8 674	86,747	270,880	3,123	2,656
41	35	96 687	11 864,870	190 924,775	16,092	15,625	91	85	6 669	63,361	184,133	2,906	2,439
42	36	96 502	11 251,493	179 059,905	15,914	15,448	92	86	4 915	44,371	120,773	2,722	2,255
43	37	96 302	10 668,039	167 808,412	15,730	15,263	93	87	3 476	29,810	76,402	2,563	2,096
44	38	96 066	10 111,083	157 140,374	15,541	15,075	94	88	2 356	19,203	46,592	2,426	1,959
45	39	95 805	9 580,634	147 029,290	15,347	14,880	95	89	1 540	11,920	27,389	2,298	1,831
46	40	95 507	9 074,412	137 448,656	15,147	14,680	96	90	964	7,091	15,468	2,181	1,715
47	41	95 176	8 591,892	128 374,245	14,941	14,475	97	91	581	4,064	8,377	2,061	1,594
48	42	94 803	8 131,304	119 782,353	14,731	14,264	98	92	331	2,197	4,313	1,963	1,497
49	43	94 379	7 691,139	111 651,049	14,517	14,050	99	93	179	1,130	2,116	1,873	1,406
							100	94	92	0,551	0,986	1,790	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	7 279,030	104 441,206	14,348	13,881
1							51	44	93 511	6 879,130	97 162,176	14,124	13,657
2							52	45	92 956	6 497,256	90 283,046	13,896	13,429
3							53	46	92 342	6 132,391	83 785,790	13,663	13,196
4							54	47	91 670	5 784,086	77 653,399	13,425	12,959
5							55	48	90 925	5 450,876	71 869,313	13,185	12,718
6							56	49	90 130	5 133,722	66 418,437	12,938	12,471
7	0	99 488	69 536,879	1 331 425,556	19,147	18,680	57	50	89 272	4 831,183	61 284,714	12,685	12,218
8	1	99 160	65 850,532	1 261 888,677	19,163	18,696	58	51	88 354	4 543,000	56 453,531	12,426	11,960
9	2	99 122	62 542,023	1 196 038,145	19,124	18,657	59	52	87 354	4 267,566	51 910,531	12,164	11,697
10	3	99 098	59 407,670	1 133 496,122	19,080	18,613	60	53	86 276	4 004,653	47 642,965	11,897	11,430
11	4	99 075	56 431,202	1 074 088,453	19,034	18,567	61	54	85 102	3 753,111	43 638,311	11,627	11,160
12	5	99 053	53 604,706	1 017 657,251	18,984	18,518	62	55	83 877	3 514,579	39 885,200	11,348	10,882
13	6	99 034	50 920,904	964 052,545	18,932	18,466	63	56	82 548	3 286,349	36 370,620	11,067	10,600
14	7	99 017	48 372,792	913 131,641	18,877	18,410	64	57	81 155	3 069,726	33 084,271	10,778	10,311
15	8	98 993	45 948,479	864 758,849	18,820	18,353	65	58	79 658	2 862,823	30 014,545	10,484	10,017
16	9	98 967	43 645,081	818 810,370	18,761	18,294	66	59	78 059	2 665,418	27 151,722	10,187	9,720
17	10	98 931	41 453,082	775 165,289	18,700	18,233	67	60	76 391	2 478,347	24 486,304	9,880	9,413
18	11	98 889	39 368,732	733 712,206	18,637	18,170	68	61	74 604	2 299,630	22 007,957	9,570	9,103
19	12	98 826	37 381,215	694 343,474	18,575	18,108	69	62	72 722	2 129,805	19 708,326	9,254	8,787
20	13	98 765	35 494,505	656 962,260	18,509	18,042	70	63	70 703	1 967,401	17 578,521	8,935	8,468
21	14	98 696	33 700,533	621 467,755	18,441	17,974	71	64	68 575	1 812,999	15 611,120	8,611	8,144
22	15	98 628	31 997,491	587 767,222	18,369	17,902	72	65	66 323	1 665,989	13 798,121	8,282	7,815
23	16	98 560	30 380,192	555 769,731	18,294	17,827	73	66	63 895	1 524,941	12 132,132	7,956	7,489
24	17	98 489	28 844,255	525 389,539	18,215	17,748	74	67	61 338	1 390,899	10 607,191	7,626	7,159
25	18	98 415	27 384,871	496 545,284	18,132	17,665	75	68	58 591	1 262,329	9 216,292	7,301	6,834
26	19	98 336	25 997,780	469 160,413	18,046	17,579	76	69	55 713	1 140,444	7 953,962	6,974	6,508
27	20	98 254	24 680,584	443 162,633	17,956	17,489	77	70	52 668	1 024,345	6 813,519	6,652	6,185
28	21	98 172	23 429,700	418 482,049	17,861	17,394	78	71	49 453	913,831	5 789,173	6,335	5,868
29	22	98 090	22 242,394	395 052,349	17,761	17,294	79	72	46 078	809,002	4 875,343	6,026	5,560
30	23	98 004	21 114,467	372 809,955	17,657	17,190	80	73	42 617	710,906	4 066,341	5,720	5,253
31	24	97 916	20 043,364	351 695,489	17,547	17,080	81	74	39 034	618,666	3 355,434	5,424	4,957
32	25	97 822	19 025,135	331 652,124	17,432	16,966	82	75	35 414	533,292	2 736,768	5,132	4,665
33	26	97 727	18 058,617	312 626,990	17,312	16,845	83	76	31 774	454,609	2 203,477	4,847	4,380
34	27	97 630	17 140,790	294 568,372	17,185	16,718	84	77	28 172	382,971	1 748,868	4,567	4,100
35	28	97 526	16 268,427	277 427,583	17,053	16,586	85	78	24 613	317,900	1 365,897	4,297	3,830
36	29	97 416	15 439,549	261 159,155	16,915	16,448	86	79	21 111	259,061	1 047,997	4,045	3,579
37	30	97 300	14 651,958	245 719,607	16,770	16,304	87	80	17 765	207,134	788,936	3,809	3,342
38	31	97 177	13 903,534	231 067,649	16,619	16,153	88	81	14 584	161,555	581,802	3,601	3,134
39	32	97 041	13 191,484	217 164,114	16,462	15,996	89	82	11 771	123,891	420,247	3,392	2,925
40	33	96 894	12 514,428	203 972,630	16,299	15,832	90	83	9 277	92,773	296,356	3,194	2,728
41	34	96 727	11 869,686	191 458,201	16,130	15,663	91	84	7 201	68,423	203,583	2,975	2,509
42	35	96 544	11 256,290	179 588,515	15,955	15,488	92	85	5 373	48,509	135,160	2,786	2,320
43	36	96 347	10 673,016	168 332,225	15,772	15,305	93	86	3 847	32,999	86,651	2,626	2,159
44	37	96 117	10 116,411	157 659,209	15,584	15,118	94	87	2 662	21,690	53,652	2,474	2,007
45	38	95 862	9 586,286	147 542,798	15,391	14,924	95	88	1 760	13,631	31,962	2,345	1,878
46	39	95 574	9 080,798	137 956,512	15,192	14,725	96	89	1 121	8,243	18,331	2,224	1,757
47	40	95 244	8 598,021	128 875,714	14,989	14,522	97	90	683	4,771	10,088	2,114	1,648
48	41	94 882	8 138,066	120 277,694	14,780	14,313	98	91	400	2,657	5,317	2,001	1,534
49	42	94 468	7 698,421	112 139,627	14,567	14,100	99	92	221	1,393	2,660	1,909	1,442
							100	93	116	0,695	1,267	1,824	1,357

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	7 285,922	104 882,394	14,395	13,928
1							51	43	93 609	6 886,399	97 596,471	14,172	13,706
2							52	44	93 062	6 504,611	90 710,072	13,946	13,479
3							53	45	92 468	6 140,696	84 205,461	13,713	13,246
4							54	46	91 813	5 793,071	78 064,765	13,476	13,009
5							55	47	91 083	5 460,352	72 271,694	13,236	12,769
6							56	48	90 297	5 143,253	66 811,342	12,990	12,523
7							57	49	89 459	4 841,312	61 668,089	12,738	12,271
8	0	99 478	66 061,904	1 262 745,114	19,115	18,648	58	50	88 561	4 553,640	56 826,777	12,479	12,013
9	1	99 150	62 559,811	1 196 683,210	19,129	18,662	59	51	87 572	4 278,222	52 273,138	12,218	11,752
10	2	99 114	59 417,249	1 134 123,399	19,087	18,621	60	52	86 516	4 015,781	47 994,916	11,952	11,485
11	3	99 089	56 439,295	1 074 706,151	19,042	18,575	61	53	85 361	3 764,553	43 979,135	11,682	11,216
12	4	99 065	53 611,131	1 018 266,856	18,994	18,527	62	54	84 145	3 525,813	40 214,582	11,406	10,939
13	5	99 043	50 925,511	964 655,725	18,942	18,476	63	55	82 846	3 298,215	36 688,769	11,124	10,657
14	6	99 025	48 376,671	913 730,214	18,888	18,421	64	56	81 464	3 081,414	33 390,554	10,836	10,369
15	7	99 001	45 952,318	865 353,543	18,832	18,365	65	57	79 988	2 874,685	30 309,141	10,543	10,077
16	8	98 973	43 647,792	819 401,225	18,773	18,306	66	58	78 417	2 677,627	27 434,456	10,246	9,779
17	9	98 937	41 455,714	775 753,433	18,713	18,246	67	59	76 758	2 490,247	24 756,829	9,942	9,475
18	10	98 897	39 371,904	734 297,719	18,650	18,184	68	60	75 014	2 312,274	22 266,583	9,630	9,163
19	11	98 834	37 384,184	694 925,815	18,589	18,122	69	61	73 138	2 141,983	19 954,309	9,316	8,849
20	12	98 773	35 497,226	657 541,632	18,524	18,057	70	62	71 150	1 979,824	17 812,326	8,997	8,530
21	13	98 706	33 703,848	622 044,406	18,456	17,989	71	63	69 036	1 825,171	15 832,502	8,675	8,208
22	14	98 641	32 001,452	588 340,557	18,385	17,918	72	64	66 804	1 678,064	14 007,331	8,347	7,881
23	15	98 573	30 384,311	556 339,105	18,310	17,843	73	65	64 394	1 536,840	12 329,267	8,022	7,556
24	16	98 505	28 848,893	525 954,794	18,231	17,765	74	66	61 847	1 402,427	10 792,427	7,696	7,229
25	17	98 433	27 389,679	497 105,901	18,149	17,683	75	67	59 124	1 273,819	9 390,000	7,372	6,905
26	18	98 357	26 003,460	469 716,222	18,064	17,597	76	68	56 264	1 151,725	8 116,182	7,047	6,580
27	19	98 276	24 685,893	443 712,762	17,974	17,508	77	69	53 252	1 035,705	6 964,457	6,724	6,258
28	20	98 192	23 434,644	419 026,869	17,881	17,414	78	70	50 051	924,881	5 928,752	6,410	5,943
29	21	98 111	22 247,202	395 592,225	17,782	17,315	79	71	46 701	819,943	5 003,871	6,103	5,636
30	22	98 026	21 119,320	373 345,023	17,678	17,211	80	72	43 287	722,081	4 183,928	5,794	5,327
31	23	97 939	20 047,924	352 225,703	17,569	17,102	81	73	39 723	629,580	3 461,847	5,499	5,032
32	24	97 844	19 029,461	332 177,778	17,456	16,989	82	74	36 112	543,800	2 832,267	5,208	4,741
33	25	97 749	18 062,643	313 148,317	17,337	16,870	83	75	32 498	464,969	2 288,467	4,922	4,455
34	26	97 656	17 145,370	295 085,675	17,211	16,744	84	76	28 905	392,931	1 823,498	4,641	4,174
35	27	97 551	16 272,628	277 940,305	17,080	16,613	85	77	25 347	327,379	1 430,568	4,370	3,903
36	28	97 441	15 443,560	261 667,677	16,943	16,477	86	78	21 837	267,973	1 103,189	4,117	3,650
37	29	97 327	14 656,023	246 224,117	16,800	16,333	87	79	18 459	215,216	835,216	3,881	3,414
38	30	97 204	13 907,351	231 568,094	16,651	16,184	88	80	15 245	168,880	620,000	3,671	3,204
39	31	97 073	13 195,786	217 660,743	16,495	16,028	89	81	12 384	130,343	451,120	3,461	2,994
40	32	96 927	12 518,764	204 464,956	16,333	15,866	90	82	9 836	98,367	320,778	3,261	2,794
41	33	96 762	11 873,982	191 946,192	16,165	15,698	91	83	7 702	73,176	222,410	3,039	2,573
42	34	96 583	11 260,860	180 072,210	15,991	15,524	92	84	5 803	52,384	149,234	2,849	2,382
43	35	96 388	10 677,566	168 811,350	15,810	15,343	93	85	4 206	36,077	96,850	2,685	2,218
44	36	96 162	10 121,131	158 133,784	15,624	15,157	94	86	2 946	24,011	60,773	2,531	2,064
45	37	95 912	9 591,338	148 012,653	15,432	14,965	95	87	1 988	15,396	36,762	2,388	1,921
46	38	95 631	9 086,155	138 421,315	15,234	14,768	96	88	1 281	9,426	21,366	2,267	1,800
47	39	95 311	8 604,071	129 335,160	15,032	14,565	97	89	793	5,546	11,941	2,153	1,686
48	40	94 949	8 143,871	120 731,089	14,825	14,358	98	90	470	3,119	6,394	2,050	1,583
49	41	94 547	7 704,824	112 587,218	14,613	14,146	99	91	267	1,685	3,276	1,944	1,477
							100	92	143	0,856	1,590	1,857	1,390

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	7 291,982	105 286,401	14,439	13,972
1							51	42	93 698	6 892,919	97 994,419	14,217	13,750
2							52	43	93 160	6 511,484	91 101,500	13,991	13,524
3							53	44	92 572	6 147,648	84 590,015	13,760	13,293
4							54	45	91 937	5 800,917	78 442,367	13,522	13,056
5							55	46	91 224	5 468,834	72 641,450	13,283	12,816
6							56	47	90 454	5 152,194	67 172,616	13,038	12,571
7							57	48	89 625	4 850,299	62 020,422	12,787	12,320
8							58	49	88 746	4 563,186	57 170,123	12,529	12,062
9	0	99 469	62 760,621	1 197 475,481	19,080	18,613	59	50	87 778	4 288,241	52 606,937	12,268	11,801
10	1	99 142	59 434,148	1 134 714,861	19,092	18,625	60	51	86 732	4 025,808	48 318,696	12,002	11,535
11	2	99 105	56 448,395	1 075 280,713	19,049	18,582	61	52	85 599	3 775,013	44 292,888	11,733	11,266
12	3	99 079	53 618,819	1 018 832,318	19,001	18,535	62	53	84 402	3 536,561	40 517,875	11,457	10,990
13	4	99 055	50 931,615	965 213,499	18,951	18,484	63	54	83 111	3 308,757	36 981,314	11,177	10,710
14	5	99 034	48 381,047	914 281,884	18,898	18,431	64	55	81 758	3 092,539	33 672,557	10,888	10,422
15	6	99 009	45 956,003	865 900,837	18,842	18,375	65	56	80 293	2 885,630	30 580,017	10,597	10,131
16	7	98 981	43 651,439	819 944,834	18,784	18,317	66	57	78 742	2 688,721	27 694,388	10,300	9,833
17	8	98 943	41 458,289	776 293,395	18,725	18,258	67	58	77 110	2 501,653	25 005,666	9,996	9,529
18	9	98 904	39 374,403	734 835,106	18,663	18,196	68	59	75 374	2 323,376	22 504,013	9,686	9,219
19	10	98 842	37 387,196	695 460,702	18,602	18,135	69	60	73 540	2 153,760	20 180,638	9,370	8,903
20	11	98 780	35 500,045	658 073,507	18,537	18,070	70	61	71 557	1 991,145	18 026,878	9,054	8,587
21	12	98 714	33 706,432	622 573,462	18,470	18,004	71	62	69 471	1 836,696	16 035,733	8,731	8,264
22	13	98 650	32 004,601	588 867,029	18,399	17,933	72	63	67 252	1 689,330	14 199,038	8,405	7,938
23	14	98 585	30 388,073	556 862,429	18,325	17,858	73	64	64 860	1 547,979	12 509,708	8,081	7,615
24	15	98 519	28 852,804	526 474,356	18,247	17,780	74	65	62 329	1 413,369	10 961,729	7,756	7,289
25	16	98 449	27 394,083	497 621,552	18,165	17,698	75	66	59 614	1 284,376	9 548,360	7,434	6,967
26	17	98 374	26 008,025	470 227,468	18,080	17,613	76	67	56 776	1 162,208	8 263,984	7,111	6,644
27	18	98 297	24 691,286	444 219,443	17,991	17,524	77	68	53 779	1 045,950	7 101,776	6,790	6,323
28	19	98 213	23 439,685	419 528,157	17,898	17,431	78	69	50 606	935,138	6 055,826	6,476	6,009
29	20	98 131	22 251,897	396 088,472	17,800	17,333	79	70	47 266	829,858	5 120,689	6,171	5,704
30	21	98 048	21 123,886	373 836,575	17,697	17,231	80	71	43 872	731,846	4 290,831	5,863	5,396
31	22	97 961	20 052,532	352 712,689	17,589	17,123	81	72	40 347	639,476	3 558,985	5,565	5,099
32	23	97 866	19 033,790	332 660,156	17,477	17,011	82	73	36 749	553,393	2 919,509	5,276	4,809
33	24	97 771	18 066,750	313 626,366	17,359	16,893	83	74	33 139	474,131	2 366,116	4,990	4,524
34	25	97 678	17 149,192	295 559,616	17,235	16,768	84	75	29 564	401,885	1 891,985	4,708	4,241
35	26	97 577	16 276,976	278 410,424	17,105	16,638	85	76	26 006	335,893	1 490,100	4,436	3,969
36	27	97 466	15 447,547	262 133,448	16,969	16,502	86	77	22 488	275,963	1 154,206	4,182	3,716
37	28	97 352	14 659,831	246 685,901	16,827	16,361	87	78	19 094	222,620	878,243	3,945	3,478
38	29	97 231	13 911,210	232 026,070	16,679	16,212	88	79	15 840	175,469	655,623	3,736	3,270
39	30	97 099	13 199,409	218 114,860	16,525	16,058	89	80	12 945	136,252	480,155	3,524	3,057
40	31	96 959	12 522,847	204 915,451	16,363	15,897	90	81	10 349	103,489	343,902	3,323	2,856
41	32	96 795	11 878,096	192 392,604	16,197	15,730	91	82	8 166	77,589	240,413	3,099	2,632
42	33	96 618	11 264,936	180 514,508	16,024	15,558	92	83	6 206	56,024	162,824	2,906	2,440
43	34	96 427	10 681,901	169 249,572	15,845	15,378	93	84	4 542	38,959	106,801	2,741	2,275
44	35	96 203	10 125,446	158 567,671	15,660	15,194	94	85	3 221	26,250	67,841	2,584	2,118
45	36	95 957	9 595,812	148 442,225	15,469	15,003	95	86	2 201	17,043	41,592	2,440	1,974
46	37	95 681	9 090,943	138 846,413	15,273	14,806	96	87	1 447	10,647	24,549	2,306	1,839
47	38	95 367	8 609,147	129 755,470	15,072	14,605	97	88	907	6,342	13,902	2,192	1,725
48	39	95 016	8 149,602	121 146,323	14,865	14,399	98	89	546	3,626	7,560	2,085	1,618
49	40	94 614	7 710,320	112 996,721	14,655	14,188	99	90	314	1,978	3,935	1,989	1,522
							100	91	173	1,036	1,956	1,889	1,422

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	7 297,183	105 655,901	14,479	14,012
1							51	41	93 776	6 898,652	98 358,717	14,258	13,791
2							52	42	93 248	6 517,650	91 460,065	14,033	13,566
3							53	43	92 670	6 154,144	84 942,416	13,802	13,336
4							54	44	92 041	5 807,484	78 788,272	13,567	13,100
5							55	45	91 348	5 476,241	72 980,788	13,327	12,860
6							56	46	90 595	5 160,197	67 504,547	13,082	12,615
7							57	47	89 781	4 858,731	62 344,350	12,831	12,365
8							58	48	88 911	4 571,657	57 485,619	12,574	12,108
9							59	49	87 962	4 297,231	52 913,961	12,314	11,847
10	0	99 460	59 624,924	1 135 447,862	19,043	18,576	60	50	86 935	4 035,236	48 616,730	12,048	11,581
11	1	99 133	56 464,450	1 075 822,938	19,053	18,586	61	51	85 812	3 784,439	44 581,494	11,780	11,313
12	2	99 095	53 627,465	1 019 358,488	19,008	18,541	62	52	84 636	3 546,388	40 797,055	11,504	11,037
13	3	99 069	50 938,919	965 731,023	18,959	18,492	63	53	83 364	3 318,844	37 250,667	11,224	10,757
14	4	99 046	48 386,846	914 792,105	18,906	18,439	64	54	82 019	3 102,424	33 931,823	10,937	10,470
15	5	99 018	45 960,160	866 405,258	18,851	18,384	65	55	80 583	2 896,048	30 829,399	10,645	10,179
16	6	98 989	43 654,939	820 445,098	18,794	18,327	66	56	79 041	2 698,958	27 933,351	10,350	9,883
17	7	98 952	41 461,753	776 790,159	18,735	18,268	67	57	77 429	2 512,018	25 234,393	10,045	9,579
18	8	98 910	39 376,849	735 328,406	18,674	18,207	68	58	75 719	2 334,018	22 722,374	9,735	9,269
19	9	98 849	37 389,569	695 951,557	18,614	18,147	69	59	73 893	2 164,101	20 388,356	9,421	8,954
20	10	98 788	35 502,905	658 561,987	18,550	18,083	70	60	71 950	2 002,092	18 224,256	9,103	8,636
21	11	98 721	33 709,109	623 059,082	18,483	18,017	71	61	69 869	1 847,198	16 222,164	8,782	8,315
22	12	98 658	32 007,054	589 349,973	18,413	17,946	72	62	67 677	1 699,997	14 374,966	8,456	7,989
23	13	98 595	30 391,062	557 342,919	18,339	17,872	73	63	65 296	1 558,371	12 674,969	8,133	7,667
24	14	98 531	28 856,377	526 951,856	18,261	17,794	74	64	62 781	1 423,614	11 116,599	7,809	7,342
25	15	98 462	27 397,797	498 095,480	18,180	17,713	75	65	60 079	1 294,398	9 692,985	7,488	7,022
26	16	98 390	26 012,207	470 697,682	18,095	17,628	76	66	57 246	1 171,840	8 398,587	7,167	6,700
27	17	98 314	24 695,621	444 685,475	18,007	17,540	77	67	54 269	1 055,470	7 226,747	6,847	6,380
28	18	98 235	23 444,806	419 989,854	17,914	17,447	78	68	51 106	944,388	6 171,277	6,535	6,068
29	19	98 153	22 256,684	396 545,048	17,817	17,350	79	69	47 790	839,060	5 226,889	6,229	5,763
30	20	98 068	21 128,344	374 288,364	17,715	17,248	80	70	44 403	740,696	4 387,829	5,924	5,457
31	21	97 982	20 056,868	353 160,020	17,608	17,141	81	71	40 893	648,124	3 647,133	5,627	5,160
32	22	97 889	19 038,165	333 103,153	17,497	17,030	82	72	37 327	562,092	2 999,009	5,335	4,869
33	23	97 793	18 070,860	314 064,988	17,380	16,913	83	73	33 723	482,495	2 436,918	5,051	4,584
34	24	97 700	17 153,092	295 994,127	17,256	16,789	84	74	30 146	409,804	1 954,422	4,769	4,302
35	25	97 599	16 280,604	278 841,036	17,127	16,660	85	75	26 599	343,548	1 544,618	4,496	4,029
36	26	97 493	15 451,675	262 560,431	16,992	16,526	86	76	23 073	283,140	1 201,070	4,242	3,775
37	27	97 378	14 663,616	247 108,756	16,852	16,385	87	77	19 663	229,258	917,930	4,004	3,537
38	28	97 256	13 914,824	232 445,140	16,705	16,238	88	78	16 385	181,505	688,672	3,794	3,327
39	29	97 126	13 203,071	218 530,316	16,551	16,085	89	79	13 450	141,568	507,167	3,582	3,116
40	30	96 985	12 526,285	205 327,245	16,392	15,925	90	80	10 818	108,182	365,599	3,379	2,913
41	31	96 827	11 881,970	192 800,961	16,226	15,760	91	81	8 591	81,629	257,417	3,154	2,687
42	32	96 651	11 268,838	180 918,990	16,055	15,588	92	82	6 580	59,402	175,788	2,959	2,493
43	33	96 462	10 685,767	169 650,152	15,876	15,409	93	83	4 858	41,666	116,387	2,793	2,327
44	34	96 242	10 129,557	158 964,385	15,693	15,226	94	84	3 478	28,347	74,721	2,636	2,169
45	35	95 998	9 599,903	148 834,828	15,504	15,037	95	85	2 406	18,632	46,374	2,489	2,022
46	36	95 726	9 095,184	139 234,925	15,309	14,842	96	86	1 602	11,786	27,742	2,354	1,887
47	37	95 417	8 613,684	130 139,741	15,108	14,642	97	87	1 025	7,163	15,956	2,228	1,761
48	38	95 072	8 154,410	121 526,057	14,903	14,436	98	88	624	4,146	8,793	2,121	1,654
49	39	94 681	7 715,746	113 371,647	14,694	14,227	99	89	364	2,300	4,647	2,021	1,554
							100	90	203	1,216	2,347	1,930	1,464



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	7 302,319	105 994,135	14,515	14,048
1							51	40	93 843	6 903,573	98 691,817	14,296	13,829
2							52	41	93 326	6 523,070	91 788,244	14,071	13,605
3							53	42	92 758	6 159,971	85 265,174	13,842	13,375
4							54	43	92 138	5 813,621	79 105,203	13,607	13,140
5							55	44	91 451	5 482,441	73 291,582	13,368	12,902
6							56	45	90 718	5 167,186	67 809,141	13,123	12,656
7							57	46	89 920	4 866,278	62 641,955	12,873	12,406
8							58	47	89 066	4 579,605	57 775,677	12,616	12,149
9							59	48	88 125	4 305,209	53 196,072	12,356	11,889
10							60	49	87 117	4 043,696	48 890,863	12,091	11,624
11	0	99 451	56 645,694	1 076 501,226	19,004	18,537	61	50	86 013	3 793,302	44 847,168	11,823	11,356
12	1	99 123	53 642,717	1 019 855,532	19,012	18,545	62	51	84 848	3 555,243	41 053,866	11,547	11,081
13	2	99 085	50 947,132	966 212,815	18,965	18,498	63	52	83 596	3 328,065	37 498,623	11,267	10,801
14	3	99 060	48 393,785	915 265,683	18,913	18,446	64	53	82 269	3 111,881	34 170,557	10,981	10,514
15	4	99 030	45 965,669	866 871,897	18,859	18,392	65	54	80 840	2 905,305	31 058,676	10,690	10,224
16	5	98 998	43 658,888	820 906,228	18,803	18,336	66	55	79 327	2 708,703	28 153,371	10,394	9,927
17	6	98 960	41 465,078	777 247,340	18,745	18,278	67	56	77 724	2 521,583	25 444,668	10,091	9,624
18	7	98 918	39 380,139	735 782,262	18,684	18,217	68	57	76 033	2 343,689	22 923,085	9,781	9,314
19	8	98 855	37 391,892	696 402,123	18,624	18,158	69	58	74 231	2 174,013	20 579,397	9,466	8,999
20	9	98 795	35 505,159	659 010,232	18,561	18,094	70	59	72 296	2 011,704	18 405,384	9,149	8,682
21	10	98 729	33 711,825	623 505,072	18,495	18,028	71	60	70 253	1 857,354	16 393,679	8,826	8,360
22	11	98 666	32 009,596	589 793,247	18,426	17,959	72	61	68 064	1 709,718	14 536,326	8,502	8,035
23	12	98 602	30 393,392	557 783,651	18,352	17,885	73	62	65 708	1 568,211	12 826,608	8,179	7,712
24	13	98 541	28 859,216	527 390,259	18,275	17,808	74	63	63 202	1 433,171	11 258,397	7,856	7,389
25	14	98 474	27 401,189	498 531,043	18,194	17,727	75	64	60 515	1 303,780	9 825,226	7,536	7,069
26	15	98 404	26 015,734	471 129,854	18,109	17,643	76	65	57 693	1 180,984	8 521,447	7,216	6,749
27	16	98 330	24 699,592	445 114,120	18,021	17,554	77	66	54 718	1 064,217	7 340,463	6,898	6,431
28	17	98 252	23 448,922	420 414,528	17,929	17,462	78	67	51 571	952,984	6 276,246	6,586	6,119
29	18	98 174	22 261,547	396 965,605	17,832	17,365	79	68	48 263	847,360	5 323,262	6,282	5,815
30	19	98 089	21 132,888	374 704,059	17,731	17,264	80	69	44 895	748,909	4 475,902	5,977	5,510
31	20	98 003	20 061,100	353 571,171	17,625	17,158	81	70	41 387	655,961	3 726,992	5,682	5,215
32	21	97 910	19 042,281	333 510,070	17,514	17,047	82	71	37 832	569,693	3 071,031	5,391	4,924
33	22	97 816	18 075,014	314 467,789	17,398	16,931	83	72	34 253	490,079	2 501,337	5,104	4,637
34	23	97 722	17 156,994	296 392,775	17,275	16,809	84	73	30 678	417,034	2 011,258	4,823	4,356
35	24	97 621	16 284,307	279 235,781	17,148	16,681	85	74	27 123	350,317	1 594,224	4,551	4,084
36	25	97 514	15 455,119	262 951,475	17,014	16,547	86	75	23 599	289,593	1 243,907	4,295	3,829
37	26	97 404	14 667,535	247 496,355	16,874	16,407	87	76	20 174	235,220	954,314	4,057	3,590
38	27	97 281	13 918,417	232 828,821	16,728	16,261	88	77	16 873	186,917	719,094	3,847	3,380
39	28	97 152	13 206,501	218 910,404	16,576	16,109	89	78	13 913	146,439	532,177	3,634	3,167
40	29	97 012	12 529,760	205 703,903	16,417	15,950	90	79	11 240	112,402	385,738	3,432	2,965
41	30	96 853	11 885,232	193 174,143	16,253	15,786	91	80	8 981	85,330	273,336	3,203	2,736
42	31	96 683	11 272,514	181 288,911	16,082	15,616	92	81	6 923	62,495	188,006	3,008	2,542
43	32	96 495	10 689,469	170 016,397	15,905	15,438	93	82	5 151	44,178	125,511	2,841	2,374
44	33	96 276	10 133,223	159 326,928	15,723	15,256	94	83	3 720	30,316	81,333	2,683	2,216
45	34	96 037	9 603,801	149 193,705	15,535	15,068	95	84	2 599	20,121	51,017	2,536	2,069
46	35	95 766	9 099,062	139 589,904	15,341	14,874	96	85	1 751	12,885	30,896	2,398	1,931
47	36	95 462	8 617,703	130 490,843	15,142	14,675	97	86	1 134	7,930	18,011	2,271	1,805
48	37	95 122	8 158,707	121 873,140	14,938	14,471	98	87	705	4,683	10,082	2,153	1,686
49	38	94 736	7 720,298	113 714,433	14,729	14,262	99	88	417	2,630	5,399	2,053	1,586
							100	89	236	1,414	2,769	1,959	1,492

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	7 306,626	106 303,322	14,549	14,082
1							51	39	93 909	6 908,431	98 996,695	14,330	13,863
2							52	40	93 392	6 527,723	92 088,264	14,107	13,640
3							53	41	92 835	6 165,094	85 560,541	13,878	13,411
4							54	42	92 226	5 819,125	79 395,447	13,644	13,177
5							55	43	91 548	5 488,234	73 576,321	13,406	12,939
6							56	44	90 820	5 173,036	68 088,088	13,162	12,695
7							57	45	90 042	4 872,869	62 915,052	12,911	12,445
8							58	46	89 204	4 586,718	58 042,183	12,654	12,188
9							59	47	88 278	4 312,693	53 455,464	12,395	11,928
10							60	48	87 279	4 051,203	49 142,771	12,130	11,664
11							61	49	86 194	3 801,254	45 091,569	11,862	11,395
12	0	99 442	53 814,904	1 020 483,335	18,963	18,496	62	50	85 046	3 563,569	41 290,314	11,587	11,120
13	1	99 113	50 961,622	966 668,431	18,969	18,502	63	51	83 805	3 336,375	37 726,745	11,308	10,841
14	2	99 076	48 401,589	915 706,808	18,919	18,452	64	52	82 498	3 120,528	34 390,370	11,021	10,554
15	3	99 044	45 972,261	867 305,220	18,866	18,399	65	53	81 087	2 914,162	31 269,842	10,730	10,264
16	4	99 010	43 664,122	821 332,959	18,810	18,343	66	54	79 580	2 717,361	28 355,680	10,435	9,968
17	5	98 969	41 468,829	777 668,837	18,753	18,286	67	55	78 004	2 530,687	25 638,319	10,131	9,664
18	6	98 926	39 383,297	736 200,008	18,693	18,226	68	56	76 323	2 352,612	23 107,632	9,822	9,355
19	7	98 863	37 395,016	696 816,712	18,634	18,167	69	57	74 539	2 183,021	20 755,021	9,507	9,041
20	8	98 801	35 507,365	659 421,696	18,571	18,105	70	58	72 627	2 020,919	18 571,999	9,190	8,723
21	9	98 736	33 713,966	623 914,331	18,506	18,039	71	59	70 590	1 866,271	16 551,080	8,869	8,402
22	10	98 674	32 012,175	590 200,366	18,437	17,970	72	60	68 438	1 719,117	14 684,809	8,542	8,075
23	11	98 610	30 395,806	558 188,191	18,364	17,897	73	61	66 084	1 577,178	12 965,692	8,221	7,754
24	12	98 548	28 861,428	527 792,384	18,287	17,820	74	62	63 602	1 442,220	11 388,514	7,897	7,430
25	13	98 484	27 403,885	498 930,956	18,207	17,740	75	63	60 921	1 312,532	9 946,293	7,578	7,111
26	14	98 416	26 018,955	471 527,071	18,122	17,656	76	64	58 111	1 189,543	8 633,761	7,258	6,791
27	15	98 343	24 702,941	445 508,117	18,035	17,568	77	65	55 145	1 072,521	7 444,218	6,941	6,474
28	16	98 268	23 452,693	420 805,176	17,943	17,476	78	66	51 999	960,882	6 371,696	6,631	6,164
29	17	98 191	22 265,455	397 352,483	17,846	17,379	79	67	48 702	855,073	5 410,814	6,328	5,861
30	18	98 111	21 137,505	375 087,028	17,745	17,278	80	68	45 339	756,318	4 555,742	6,024	5,557
31	19	98 024	20 065,415	353 949,522	17,640	17,173	81	69	41 846	663,236	3 799,424	5,729	5,262
32	20	97 930	19 046,300	333 884,107	17,530	17,063	82	70	38 289	576,582	3 136,188	5,439	4,972
33	21	97 837	18 078,922	314 837,807	17,415	16,948	83	71	34 716	496,707	2 559,606	5,153	4,686
34	22	97 745	17 160,938	296 758,886	17,293	16,826	84	72	31 160	423,589	2 062,899	4,870	4,403
35	23	97 643	16 288,011	279 597,948	17,166	16,699	85	73	27 602	356,497	1 639,310	4,598	4,132
36	24	97 536	15 458,634	263 309,937	17,033	16,566	86	74	24 064	295,299	1 282,813	4,344	3,877
37	25	97 425	14 670,804	247 851,303	16,894	16,427	87	75	20 634	240,580	987,514	4,105	3,638
38	26	97 307	13 922,136	233 180,499	16,749	16,282	88	76	17 312	191,778	746,933	3,895	3,428
39	27	97 177	13 209,911	219 258,363	16,598	16,131	89	77	14 328	150,805	555,155	3,681	3,214
40	28	97 038	12 533,015	206 048,452	16,440	15,974	90	78	11 627	116,269	404,350	3,478	3,011
41	29	96 880	11 888,529	193 515,437	16,277	15,811	91	79	9 331	88,659	288,081	3,249	2,783
42	30	96 709	11 275,608	181 626,907	16,108	15,641	92	80	7 237	65,328	199,421	3,053	2,586
43	31	96 527	10 692,955	170 351,299	15,931	15,464	93	81	5 419	46,478	134,093	2,885	2,418
44	32	96 310	10 136,734	159 658,344	15,750	15,284	94	82	3 944	32,144	87,615	2,726	2,259
45	33	96 072	9 607,277	149 521,610	15,563	15,097	95	83	2 779	21,519	55,470	2,578	2,111
46	34	95 805	9 102,756	139 914,334	15,371	14,904	96	84	1 891	13,914	33,952	2,440	1,973
47	35	95 503	8 621,377	130 811,578	15,173	14,706	97	85	1 240	8,669	20,037	2,311	1,845
48	36	95 167	8 162,514	122 190,201	14,970	14,503	98	86	781	5,184	11,368	2,193	1,726
49	37	94 786	7 724,366	114 027,688	14,762	14,295	99	87	471	2,970	6,185	2,082	1,615
							100	88	270	1,616	3,214	1,989	1,522

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	7 310,477	106 585,834	14,580	14,113
1							51	38	93 964	6 912,507	99 275,357	14,362	13,895
2							52	39	93 458	6 532,317	92 362,851	14,139	13,673
3							53	40	92 901	6 169,492	85 830,534	13,912	13,445
4							54	41	92 302	5 823,965	79 661,042	13,678	13,211
5							55	42	91 635	5 493,430	73 837,077	13,441	12,974
6							56	43	90 916	5 178,502	68 343,647	13,198	12,731
7							57	44	90 144	4 878,386	63 165,145	12,948	12,481
8							58	45	89 325	4 592,931	58 286,759	12,691	12,224
9							59	46	88 415	4 319,392	53 693,829	12,431	11,964
10							60	47	87 431	4 058,245	49 374,436	12,166	11,700
11							61	48	86 354	3 808,311	45 316,191	11,899	11,432
12							62	49	85 225	3 571,040	41 507,880	11,623	11,157
13	0	99 431	51 125,203	967 249,659	18,919	18,452	63	50	84 001	3 344,189	37 936,840	11,344	10,877
14	1	99 104	48 415,355	916 124,455	18,922	18,455	64	51	82 704	3 128,320	34 592,651	11,058	10,591
15	2	99 060	45 979,673	867 709,101	18,872	18,405	65	52	81 312	2 922,259	31 464,331	10,767	10,300
16	3	99 024	43 670,383	821 729,427	18,817	18,350	66	53	79 823	2 725,644	28 542,072	10,472	10,005
17	4	98 980	41 473,800	778 059,044	18,760	18,293	67	54	78 254	2 538,776	25 816,428	10,169	9,702
18	5	98 935	39 386,860	736 585,244	18,701	18,234	68	55	76 598	2 361,106	23 277,652	9,859	9,392
19	6	98 871	37 398,014	697 198,385	18,643	18,176	69	56	74 823	2 191,333	20 916,546	9,545	9,078
20	7	98 809	35 510,331	659 800,371	18,581	18,114	70	57	72 928	2 029,292	18 725,214	9,227	8,761
21	8	98 742	33 716,060	624 290,039	18,516	18,049	71	58	70 914	1 874,820	16 695,921	8,905	8,439
22	9	98 680	32 014,208	590 573,979	18,447	17,980	72	59	68 767	1 727,371	14 821,101	8,580	8,113
23	10	98 618	30 398,255	558 559,772	18,375	17,908	73	60	66 447	1 585,849	13 093,730	8,257	7,790
24	11	98 556	28 863,720	528 161,517	18,298	17,832	74	61	63 965	1 450,467	11 507,881	7,934	7,467
25	12	98 491	27 405,986	499 297,797	18,219	17,752	75	62	61 306	1 320,820	10 057,414	7,615	7,148
26	13	98 425	26 021,514	471 891,811	18,135	17,668	76	63	58 501	1 197,529	8 736,593	7,296	6,829
27	14	98 356	24 705,999	445 870,296	18,047	17,580	77	64	55 545	1 080,295	7 539,064	6,979	6,512
28	15	98 281	23 455,872	421 164,297	17,956	17,489	78	65	52 405	968,379	6 458,769	6,670	6,203
29	16	98 207	22 269,035	397 708,424	17,859	17,392	79	66	49 106	862,160	5 490,390	6,368	5,901
30	17	98 128	21 141,217	375 439,389	17,759	17,292	80	67	45 752	763,201	4 628,230	6,064	5,597
31	18	98 046	20 069,799	354 298,173	17,653	17,187	81	68	42 260	669,796	3 865,029	5,770	5,304
32	19	97 952	19 050,397	334 228,373	17,544	17,078	82	69	38 714	582,976	3 195,232	5,481	5,014
33	20	97 857	18 082,737	315 177,977	17,430	16,963	83	70	35 136	502,713	2 612,256	5,196	4,730
34	21	97 766	17 164,648	297 095,240	17,309	16,842	84	71	31 582	429,317	2 109,543	4,914	4,447
35	22	97 666	16 291,755	279 930,592	17,182	16,716	85	72	28 036	362,101	1 680,226	4,640	4,173
36	23	97 559	15 462,151	263 638,837	17,051	16,584	86	73	24 488	300,508	1 318,125	4,386	3,920
37	24	97 447	14 674,140	248 176,686	16,913	16,446	87	74	21 041	245,321	1 017,616	4,148	3,681
38	25	97 329	13 925,239	233 502,546	16,768	16,302	88	75	17 706	196,149	772,295	3,937	3,470
39	26	97 203	13 213,441	219 577,307	16,618	16,151	89	76	14 701	154,727	576,146	3,724	3,257
40	27	97 063	12 536,251	206 363,866	16,461	15,995	90	77	11 973	119,736	421,419	3,520	3,053
41	28	96 905	11 891,618	193 827,615	16,300	15,833	91	78	9 652	91,709	301,683	3,290	2,823
42	29	96 736	11 278,736	181 935,997	16,131	15,664	92	79	7 519	67,877	209,974	3,093	2,627
43	30	96 553	10 695,891	170 657,260	15,955	15,489	93	80	5 665	48,586	142,096	2,925	2,458
44	31	96 341	10 140,040	159 961,369	15,775	15,308	94	81	4 150	33,818	93,511	2,765	2,298
45	32	96 105	9 610,605	149 821,330	15,589	15,122	95	82	2 947	22,816	59,693	2,616	2,149
46	33	95 840	9 106,050	140 210,725	15,398	14,931	96	83	2 023	14,881	36,876	2,478	2,011
47	34	95 541	8 624,877	131 104,674	15,201	14,734	97	84	1 339	9,362	21,995	2,350	1,883
48	35	95 207	8 165,994	122 479,798	14,999	14,532	98	85	853	5,667	12,634	2,229	1,763
49	36	94 831	7 727,970	114 313,804	14,792	14,325	99	86	521	3,288	6,967	2,119	1,652
							100	87	305	1,826	3,679	2,015	1,548

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	7 313,887	106 843,844	14,608	14,142
1							51	37	94 014	6 916,149	99 529,956	14,391	13,924
2							52	38	93 513	6 536,171	92 613,807	14,169	13,703
3							53	39	92 966	6 173,834	86 077,637	13,942	13,476
4							54	40	92 368	5 828,119	79 903,803	13,710	13,243
5							55	41	91 711	5 497,999	74 075,684	13,473	13,006
6							56	42	91 002	5 183,405	68 577,685	13,230	12,763
7							57	43	90 239	4 883,541	63 394,280	12,981	12,514
8							58	44	89 426	4 598,130	58 510,739	12,725	12,258
9							59	45	88 535	4 325,242	53 912,609	12,465	11,998
10							60	46	87 567	4 064,549	49 587,366	12,200	11,733
11							61	47	86 504	3 814,931	45 522,817	11,933	11,466
12							62	48	85 383	3 577,670	41 707,886	11,658	11,191
13							63	49	84 177	3 351,200	38 130,216	11,378	10,911
14	0	99 422	48 570,762	916 662,723	18,873	18,406	64	50	82 898	3 135,646	34 779,017	11,091	10,625
15	1	99 088	45 992,751	868 091,960	18,875	18,408	65	51	81 515	2 929,556	31 643,370	10,801	10,335
16	2	99 040	43 677,425	822 099,210	18,822	18,355	66	52	80 045	2 733,218	28 713,815	10,505	10,039
17	3	98 995	41 479,747	778 421,785	18,766	18,300	67	53	78 492	2 546,515	25 980,597	10,202	9,736
18	4	98 947	39 391,581	736 942,038	18,708	18,241	68	54	76 843	2 368,653	23 434,082	9,893	9,427
19	5	98 880	37 401,398	697 550,457	18,650	18,184	69	55	75 093	2 199,244	21 065,429	9,578	9,112
20	6	98 817	35 513,179	660 149,060	18,589	18,122	70	56	73 205	2 037,019	18 866,184	9,262	8,795
21	7	98 750	33 718,877	624 635,881	18,525	18,058	71	57	71 207	1 882,588	16 829,166	8,939	8,473
22	8	98 686	32 016,196	590 917,004	18,457	17,990	72	58	69 082	1 735,284	14 946,578	8,613	8,147
23	9	98 624	30 400,185	558 900,808	18,385	17,918	73	59	66 766	1 593,463	13 211,294	8,291	7,824
24	10	98 564	28 866,046	528 500,623	18,309	17,842	74	60	64 317	1 458,442	11 617,831	7,966	7,499
25	11	98 499	27 408,163	499 634,578	18,229	17,763	75	61	61 656	1 328,373	10 159,389	7,648	7,181
26	12	98 433	26 023,509	472 226,415	18,146	17,679	76	62	58 871	1 205,091	8 831,017	7,328	6,861
27	13	98 365	24 708,430	446 202,905	18,059	17,592	77	63	55 918	1 087,547	7 625,926	7,012	6,545
28	14	98 293	23 458,777	421 494,475	17,967	17,501	78	64	52 784	975,398	6 538,378	6,703	6,236
29	15	98 220	22 272,054	398 035,699	17,872	17,405	79	65	49 489	868,887	5 562,980	6,402	5,936
30	16	98 144	21 144,616	375 763,645	17,771	17,304	80	66	46 131	769,527	4 694,093	6,100	5,633
31	17	98 063	20 073,323	354 619,029	17,666	17,199	81	67	42 645	675,893	3 924,566	5,806	5,340
32	18	97 973	19 054,559	334 545,706	17,557	17,090	82	68	39 097	588,743	3 248,674	5,518	5,051
33	19	97 878	18 086,626	315 491,147	17,443	16,977	83	69	35 526	508,288	2 659,931	5,233	4,766
34	20	97 786	17 168,270	297 404,521	17,323	16,856	84	70	31 964	434,509	2 151,643	4,952	4,485
35	21	97 687	16 295,277	280 236,251	17,197	16,731	85	71	28 415	366,998	1 717,134	4,679	4,212
36	22	97 581	15 465,705	263 940,973	17,066	16,599	86	72	24 873	305,232	1 350,136	4,423	3,957
37	23	97 470	14 677,479	248 475,268	16,929	16,462	87	73	21 412	249,649	1 044,904	4,185	3,719
38	24	97 351	13 928,406	233 797,790	16,786	16,319	88	74	18 055	200,014	795,255	3,976	3,509
39	25	97 224	13 216,386	219 869,384	16,636	16,169	89	75	15 036	158,253	595,241	3,761	3,295
40	26	97 089	12 539,601	206 652,998	16,480	16,013	90	76	12 285	122,850	436,988	3,557	3,090
41	27	96 930	11 894,688	194 113,397	16,319	15,853	91	77	9 940	94,444	314,138	3,326	2,859
42	28	96 761	11 281,667	182 218,708	16,152	15,685	92	78	7 778	70,212	219,694	3,129	2,662
43	29	96 580	10 698,858	170 937,042	15,977	15,510	93	79	5 886	50,481	149,482	2,961	2,494
44	30	96 368	10 142,823	160 238,183	15,798	15,331	94	80	4 338	35,351	99,000	2,800	2,334
45	31	96 136	9 613,739	150 095,360	15,613	15,146	95	81	3 100	24,004	63,649	2,652	2,185
46	32	95 873	9 109,205	140 481,621	15,422	14,955	96	82	2 145	15,778	39,645	2,513	2,046
47	33	95 576	8 627,998	131 372,415	15,226	14,759	97	83	1 432	10,012	23,867	2,384	1,917
48	34	95 246	8 169,309	122 744,417	15,025	14,558	98	84	922	6,120	13,855	2,264	1,797
49	35	94 871	7 731,264	114 575,108	14,820	14,353	99	85	570	3,595	7,735	2,152	1,685
							100	86	337	2,021	4,140	2,049	1,582

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	7 317,006	107 079,457	14,634	14,168
1							51	36	94 058	6 919,376	99 762,452	14,418	13,951
2							52	37	93 562	6 539,615	92 843,076	14,197	13,730
3							53	38	93 021	6 177,476	86 303,461	13,971	13,504
4							54	39	92 433	5 832,221	80 125,985	13,739	13,272
5							55	40	91 776	5 501,921	74 293,764	13,503	13,036
6							56	41	91 078	5 187,716	68 791,844	13,261	12,794
7							57	42	90 325	4 888,165	63 604,128	13,012	12,545
8							58	43	89 520	4 602,989	58 715,963	12,756	12,289
9							59	44	88 635	4 330,139	54 112,974	12,497	12,030
10							60	45	87 685	4 070,054	49 782,835	12,231	11,765
11							61	46	86 638	3 820,857	45 712,781	11,964	11,497
12							62	47	85 531	3 583,889	41 891,924	11,689	11,222
13							63	48	84 333	3 357,421	38 308,035	11,410	10,943
14							64	49	83 071	3 142,220	34 950,614	11,123	10,656
15	0	99 406	46 140,382	868 590,585	18,825	18,358	65	50	81 706	2 936,417	31 808,394	10,832	10,366
16	1	99 068	43 689,847	822 450,202	18,825	18,358	66	51	80 245	2 740,043	28 871,977	10,537	10,070
17	2	99 011	41 486,435	778 760,355	18,771	18,305	67	52	78 710	2 553,591	26 131,934	10,233	9,767
18	3	98 961	39 397,230	737 273,920	18,714	18,247	68	53	77 077	2 375,874	23 578,344	9,924	9,457
19	4	98 892	37 405,881	697 876,690	18,657	18,190	69	54	75 333	2 206,274	21 202,470	9,610	9,143
20	5	98 826	35 516,392	660 470,810	18,596	18,129	70	55	73 470	2 044,373	18 996,196	9,292	8,825
21	6	98 758	33 721,580	624 954,418	18,533	18,066	71	56	71 478	1 889,755	16 951,823	8,970	8,504
22	7	98 694	32 018,871	591 232,838	18,465	17,998	72	57	69 368	1 742,474	15 062,068	8,644	8,177
23	8	98 631	30 402,073	559 213,967	18,394	17,927	73	58	67 072	1 600,762	13 319,594	8,321	7,854
24	9	98 570	28 867,878	528 811,893	18,318	17,852	74	59	64 626	1 465,444	11 718,832	7,997	7,530
25	10	98 507	27 410,371	499 944,015	18,239	17,772	75	60	61 995	1 335,676	10 253,388	7,677	7,210
26	11	98 441	26 025,576	472 533,644	18,157	17,690	76	61	59 207	1 211,982	8 917,712	7,358	6,891
27	12	98 373	24 710,324	446 508,068	18,070	17,603	77	62	56 271	1 094,415	7 705,730	7,041	6,574
28	13	98 303	23 461,084	421 797,744	17,979	17,512	78	63	53 139	981,946	6 611,315	6,733	6,266
29	14	98 232	22 274,812	398 336,659	17,883	17,416	79	64	49 848	875,185	5 629,369	6,432	5,965
30	15	98 157	21 147,483	376 061,847	17,783	17,316	80	65	46 491	775,531	4 754,184	6,130	5,663
31	16	98 079	20 076,551	354 914,365	17,678	17,211	81	66	42 998	681,494	3 978,653	5,838	5,371
32	17	97 990	19 057,904	334 837,814	17,569	17,103	82	67	39 452	594,102	3 297,159	5,550	5,083
33	18	97 900	18 090,578	315 779,910	17,455	16,989	83	68	35 877	513,316	2 703,057	5,266	4,799
34	19	97 807	17 171,963	297 689,332	17,336	16,869	84	69	32 318	439,327	2 189,741	4,984	4,518
35	20	97 707	16 298,716	280 517,369	17,211	16,744	85	70	28 758	371,436	1 750,414	4,713	4,246
36	21	97 602	15 469,048	264 218,653	17,080	16,614	86	71	25 210	309,360	1 378,978	4,458	3,991
37	22	97 492	14 680,852	248 749,604	16,944	16,477	87	72	21 748	253,573	1 069,618	4,218	3,751
38	23	97 373	13 931,575	234 068,752	16,801	16,335	88	73	18 374	203,542	816,045	4,009	3,542
39	24	97 246	13 219,392	220 137,178	16,653	16,186	89	74	15 332	161,371	612,503	3,796	3,329
40	25	97 110	12 542,396	206 917,786	16,497	16,031	90	75	12 565	125,650	451,131	3,590	3,124
41	26	96 956	11 897,867	194 375,390	16,337	15,870	91	76	10 198	96,900	325,482	3,359	2,892
42	27	96 786	11 284,580	182 477,523	16,171	15,704	92	77	8 010	72,306	228,582	3,161	2,695
43	28	96 605	10 701,638	171 192,943	15,997	15,530	93	78	6 088	52,218	156,276	2,993	2,526
44	29	96 394	10 145,637	160 491,305	15,819	15,352	94	79	4 507	36,731	104,058	2,833	2,366
45	30	96 163	9 616,379	150 345,668	15,634	15,168	95	80	3 241	25,093	67,327	2,683	2,216
46	31	95 904	9 112,176	140 729,289	15,444	14,977	96	81	2 256	16,600	42,234	2,544	2,077
47	32	95 609	8 630,988	131 617,113	15,249	14,783	97	82	1 519	10,616	25,634	2,415	1,948
48	33	95 280	8 172,265	122 986,126	15,049	14,582	98	83	986	6,545	15,019	2,295	1,828
49	34	94 910	7 734,403	114 813,860	14,845	14,378	99	84	615	3,882	8,474	2,183	1,716
							100	85	369	2,209	4,592	2,078	1,612

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	7 319,976	107 294,723	14,658	14,191
1							51	35	94 098	6 922,326	99 974,747	14,442	13,976
2							52	36	93 606	6 542,666	93 052,421	14,222	13,756
3							53	37	93 070	6 180,731	86 509,755	13,997	13,530
4							54	38	92 488	5 835,661	80 329,024	13,765	13,298
5							55	39	91 841	5 505,793	74 493,363	13,530	13,063
6							56	40	91 143	5 191,416	68 987,570	13,289	12,822
7							57	41	90 400	4 892,230	63 796,154	13,040	12,574
8							58	42	89 605	4 607,347	58 903,924	12,785	12,318
9							59	43	88 729	4 334,714	54 296,576	12,526	12,059
10							60	44	87 784	4 074,662	49 961,862	12,262	11,795
11							61	45	86 755	3 826,032	45 887,200	11,993	11,527
12							62	46	85 664	3 589,456	42 061,168	11,718	11,251
13							63	47	84 480	3 363,258	38 471,712	11,439	10,972
14							64	48	83 226	3 148,053	35 108,454	11,152	10,686
15							65	49	81 877	2 942,573	31 960,401	10,861	10,395
16	0	99 386	43 830,087	822 912,242	18,775	18,308	66	50	80 433	2 746,460	29 017,828	10,566	10,099
17	1	99 039	41 498,235	779 082,155	18,774	18,307	67	51	78 907	2 559,967	26 271,369	10,262	9,796
18	2	98 977	39 403,582	737 583,920	18,719	18,252	68	52	77 291	2 382,475	23 711,402	9,952	9,486
19	3	98 906	37 411,245	698 180,338	18,662	18,196	69	53	75 563	2 213,000	21 328,927	9,638	9,171
20	4	98 838	35 520,649	660 769,094	18,602	18,136	70	54	73 704	2 050,908	19 115,927	9,321	8,854
21	5	98 767	33 724,631	625 248,445	18,540	18,073	71	55	71 737	1 896,578	17 065,019	8,998	8,531
22	6	98 702	32 021,439	591 523,814	18,473	18,006	72	56	69 632	1 749,108	15 168,441	8,672	8,205
23	7	98 639	30 404,613	559 502,375	18,402	17,935	73	57	67 350	1 607,395	13 419,333	8,348	7,882
24	8	98 576	28 869,671	529 097,762	18,327	17,860	74	58	64 922	1 472,157	11 811,938	8,024	7,557
25	9	98 513	27 412,111	500 228,090	18,248	17,782	75	59	62 293	1 342,089	10 339,782	7,704	7,237
26	10	98 449	26 027,673	472 815,979	18,166	17,699	76	60	59 533	1 218,645	8 997,693	7,383	6,917
27	11	98 381	24 712,287	446 788,306	18,080	17,613	77	61	56 593	1 100,673	7 779,048	7,068	6,601
28	12	98 311	23 462,883	422 076,019	17,989	17,522	78	62	53 474	988,147	6 678,375	6,758	6,292
29	13	98 242	22 277,003	398 613,136	17,893	17,427	79	63	50 182	881,060	5 690,228	6,458	5,992
30	14	98 169	21 150,101	376 336,133	17,794	17,327	80	64	46 828	781,152	4 809,168	6,157	5,690
31	15	98 092	20 079,273	355 186,032	17,689	17,222	81	65	43 334	686,812	4 028,016	5,865	5,398
32	16	98 006	19 060,968	335 106,760	17,581	17,114	82	66	39 779	599,026	3 341,204	5,578	5,111
33	17	97 917	18 093,754	316 045,791	17,467	17,000	83	67	36 204	517,988	2 742,178	5,294	4,827
34	18	97 829	17 175,715	297 952,037	17,347	16,880	84	68	32 638	443,673	2 224,190	5,013	4,546
35	19	97 728	16 302,222	280 776,322	17,223	16,756	85	69	29 077	375,555	1 780,517	4,741	4,274
36	20	97 623	15 472,313	264 474,100	17,093	16,627	86	70	25 514	313,101	1 404,963	4,487	4,020
37	21	97 513	14 684,026	249 001,787	16,957	16,491	87	71	22 042	257,002	1 091,862	4,248	3,782
38	22	97 396	13 934,777	234 317,761	16,815	16,349	88	72	18 663	206,742	834,860	4,038	3,571
39	23	97 269	13 222,399	220 382,985	16,667	16,201	89	73	15 602	164,218	628,118	3,825	3,358
40	24	97 132	12 545,248	207 160,585	16,513	16,046	90	74	12 812	128,126	463,900	3,621	3,154
41	25	96 978	11 900,519	194 615,337	16,354	15,887	91	75	10 431	99,108	335,774	3,388	2,921
42	26	96 812	11 287,595	182 714,818	16,187	15,720	92	76	8 218	74,186	236,666	3,190	2,723
43	27	96 630	10 704,401	171 427,223	16,015	15,548	93	77	6 270	53,775	162,479	3,021	2,555
44	28	96 419	10 148,273	160 722,822	15,837	15,371	94	78	4 662	37,994	108,704	2,861	2,394
45	29	96 189	9 619,047	150 574,549	15,654	15,187	95	79	3 367	26,072	70,710	2,712	2,245
46	30	95 931	9 114,677	140 955,502	15,465	14,998	96	80	2 359	17,352	44,638	2,572	2,106
47	31	95 640	8 633,802	131 840,825	15,270	14,804	97	81	1 598	11,168	27,286	2,443	1,976
48	32	95 313	8 175,097	123 207,022	15,071	14,604	98	82	1 045	6,940	16,117	2,323	1,856
49	33	94 944	7 737,202	115 031,925	14,867	14,401	99	83	658	4,152	9,178	2,211	1,744
							100	84	398	2,386	5,026	2,107	1,640

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	7 322,626	107 491,319	14,679	14,213
1							51	34	94 136	6 925,136	100 168,694	14,465	13,998
2							52	35	93 646	6 545,455	93 243,557	14,246	13,779
3							53	36	93 114	6 183,615	86 698,102	14,021	13,554
4							54	37	92 536	5 838,736	80 514,488	13,790	13,323
5							55	38	91 895	5 509,041	74 675,751	13,555	13,088
6							56	39	91 207	5 195,070	69 166,711	13,314	12,847
7							57	40	90 464	4 895,719	63 971,641	13,067	12,600
8							58	41	89 680	4 611,179	59 075,921	12,811	12,345
9							59	42	88 813	4 338,819	54 464,742	12,553	12,086
10							60	43	87 877	4 078,967	50 125,923	12,289	11,822
11							61	44	86 854	3 830,364	46 046,956	12,022	11,555
12							62	45	85 780	3 594,318	42 216,592	11,745	11,279
13							63	46	84 611	3 368,482	38 622,275	11,466	10,999
14							64	47	83 370	3 153,526	35 253,793	11,179	10,712
15							65	48	82 029	2 948,035	32 100,267	10,889	10,422
16							66	49	80 601	2 752,217	29 152,232	10,592	10,125
17	0	99 357	41 631,439	779 510,414	18,724	18,257	67	50	79 092	2 565,962	26 400,014	10,289	9,822
18	1	99 005	39 414,789	737 878,975	18,721	18,254	68	51	77 484	2 388,424	23 834,052	9,979	9,512
19	2	98 922	37 417,277	698 464,186	18,667	18,200	69	52	75 772	2 219,149	21 445,628	9,664	9,197
20	3	98 852	35 525,743	661 046,909	18,608	18,141	70	53	73 929	2 057,160	19 226,479	9,346	8,879
21	4	98 779	33 728,673	625 521,166	18,546	18,079	71	54	71 966	1 902,641	17 169,319	9,024	8,557
22	5	98 711	32 024,335	591 792,493	18,479	18,013	72	55	69 883	1 755,423	15 266,679	8,697	8,230
23	6	98 647	30 407,051	559 768,157	18,409	17,942	73	56	67 606	1 613,515	13 511,256	8,374	7,907
24	7	98 584	28 872,084	529 361,106	18,335	17,868	74	57	65 191	1 478,256	11 897,741	8,048	7,582
25	8	98 519	27 413,814	500 489,022	18,257	17,790	75	58	62 578	1 348,237	10 419,485	7,728	7,261
26	9	98 455	26 029,325	473 075,208	18,175	17,708	76	59	59 819	1 224,496	9 071,248	7,408	6,941
27	10	98 389	24 714,278	447 045,883	18,089	17,622	77	60	56 904	1 106,724	7 846,752	7,090	6,623
28	11	98 318	23 464,747	422 331,605	17,999	17,532	78	61	53 780	993,797	6 740,028	6,782	6,315
29	12	98 250	22 278,711	398 866,858	17,903	17,437	79	62	50 499	886,623	5 746,231	6,481	6,014
30	13	98 179	21 152,182	376 588,148	17,804	17,337	80	63	47 142	786,397	4 859,608	6,180	5,713
31	14	98 104	20 081,759	355 435,966	17,699	17,233	81	64	43 648	691,790	4 073,211	5,888	5,421
32	15	98 019	19 063,553	335 354,207	17,591	17,125	82	65	40 090	603,700	3 381,421	5,601	5,134
33	16	97 933	18 096,664	316 290,655	17,478	17,011	83	66	36 504	522,281	2 777,722	5,318	4,852
34	17	97 846	17 178,730	298 193,991	17,358	16,892	84	67	32 935	447,711	2 255,441	5,038	4,571
35	18	97 750	16 305,784	281 015,261	17,234	16,767	85	68	29 365	379,270	1 807,729	4,766	4,300
36	19	97 644	15 475,641	264 709,477	17,105	16,638	86	69	25 797	316,573	1 428,460	4,512	4,045
37	20	97 534	14 687,125	249 233,836	16,970	16,503	87	70	22 309	260,110	1 111,887	4,275	3,808
38	21	97 417	13 937,789	234 546,711	16,828	16,361	88	71	18 915	209,538	851,777	4,065	3,598
39	22	97 291	13 225,438	220 608,922	16,681	16,214	89	72	15 848	166,800	642,239	3,850	3,384
40	23	97 154	12 548,103	207 383,483	16,527	16,060	90	73	13 038	130,386	475,440	3,646	3,180
41	24	97 000	11 903,225	194 835,381	16,368	15,901	91	74	10 636	101,061	345,054	3,414	2,948
42	25	96 834	11 290,111	182 932,156	16,203	15,736	92	75	8 405	75,877	243,993	3,216	2,749
43	26	96 656	10 707,261	171 642,045	16,030	15,564	93	76	6 433	55,174	168,116	3,047	2,580
44	27	96 444	10 150,893	160 934,783	15,854	15,387	94	77	4 801	39,127	112,942	2,887	2,420
45	28	96 214	9 621,546	150 783,890	15,671	15,205	95	78	3 483	26,969	73,815	2,737	2,270
46	29	95 957	9 117,206	141 162,344	15,483	15,016	96	79	2 451	18,029	46,846	2,598	2,132
47	30	95 667	8 636,172	132 045,138	15,290	14,823	97	80	1 670	11,675	28,817	2,468	2,001
48	31	95 344	8 177,763	123 408,965	15,091	14,624	98	81	1 099	7,301	17,142	2,348	1,881
49	32	94 977	7 739,883	115 231,202	14,888	14,421	99	82	698	4,402	9,841	2,236	1,769
							100	83	426	2,552	5,439	2,132	1,665

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	7 325,163	107 670,962	14,699	14,232
1							51	33	94 170	6 927,643	100 345,799	14,485	14,018
2							52	34	93 684	6 548,113	93 418,157	14,266	13,800
3							53	35	93 153	6 186,251	86 870,044	14,042	13,576
4							54	36	92 580	5 841,460	80 683,793	13,812	13,345
5							55	37	91 943	5 511,944	74 842,333	13,578	13,111
6							56	38	91 261	5 198,135	69 330,389	13,338	12,871
7							57	39	90 528	4 899,165	64 132,255	13,090	12,624
8							58	40	89 744	4 614,468	59 233,090	12,836	12,370
9							59	41	88 887	4 342,427	54 618,621	12,578	12,111
10							60	42	87 960	4 082,829	50 276,194	12,314	11,847
11							61	43	86 945	3 834,411	46 193,365	12,047	11,580
12							62	44	85 877	3 598,387	42 358,954	11,772	11,305
13							63	45	84 726	3 373,044	38 760,567	11,491	11,024
14							64	46	83 500	3 158,424	35 387,523	11,204	10,737
15							65	47	82 172	2 953,160	32 229,098	10,913	10,447
16							66	48	80 751	2 757,327	29 275,938	10,618	10,151
17							67	49	79 258	2 571,342	26 518,611	10,313	9,846
18	0	99 323	39 541,306	738 276,036	18,671	18,204	68	50	77 666	2 394,018	23 947,270	10,003	9,536
19	1	98 950	37 427,919	698 734,730	18,669	18,202	69	51	75 962	2 224,690	21 553,252	9,688	9,221
20	2	98 868	35 531,471	661 306,811	18,612	18,145	70	52	74 135	2 062,876	19 328,562	9,370	8,903
21	3	98 793	33 733,510	625 775,340	18,551	18,084	71	53	72 185	1 908,441	17 265,686	9,047	8,580
22	4	98 723	32 028,174	592 041,830	18,485	18,018	72	54	70 107	1 761,034	15 357,246	8,721	8,254
23	5	98 656	30 409,802	560 013,656	18,416	17,949	73	55	67 850	1 619,340	13 596,212	8,396	7,929
24	6	98 592	28 874,399	529 603,854	18,342	17,875	74	56	65 439	1 483,884	11 976,872	8,071	7,605
25	7	98 528	27 416,104	500 729,455	18,264	17,797	75	57	62 838	1 353,823	10 492,987	7,751	7,284
26	8	98 461	26 030,942	473 313,351	18,183	17,716	76	58	60 093	1 230,105	9 139,164	7,430	6,963
27	9	98 395	24 715,847	447 282,408	18,097	17,630	77	59	57 177	1 112,038	7 909,059	7,112	6,645
28	10	98 326	23 466,637	422 566,562	18,007	17,540	78	60	54 076	999,261	6 797,022	6,802	6,335
29	11	98 257	22 280,480	399 099,925	17,913	17,446	79	61	50 788	891,693	5 797,761	6,502	6,035
30	12	98 186	21 153,803	376 819,444	17,813	17,347	80	62	47 440	791,362	4 906,068	6,200	5,733
31	13	98 114	20 083,734	355 665,641	17,709	17,242	81	63	43 941	696,434	4 114,706	5,908	5,441
32	14	98 031	19 065,913	335 581,907	17,601	17,134	82	64	40 380	608,075	3 418,272	5,621	5,155
33	15	97 946	18 099,117	316 515,994	17,488	17,021	83	65	36 789	526,356	2 810,196	5,339	4,872
34	16	97 862	17 181,492	298 416,877	17,369	16,902	84	66	33 208	451,422	2 283,840	5,059	4,592
35	17	97 767	16 308,647	281 235,384	17,245	16,778	85	67	29 632	382,722	1 832,418	4,788	4,321
36	18	97 665	15 479,022	264 926,738	17,115	16,648	86	68	26 053	319,704	1 449,696	4,534	4,068
37	19	97 555	14 690,284	249 447,715	16,980	16,514	87	69	22 556	262,994	1 129,992	4,297	3,830
38	20	97 437	13 940,731	234 757,431	16,840	16,373	88	70	19 144	212,072	866,998	4,088	3,621
39	21	97 312	13 228,298	220 816,701	16,693	16,226	89	71	16 062	169,055	654,926	3,874	3,407
40	22	97 177	12 550,987	207 588,403	16,540	16,073	90	72	13 243	132,435	485,871	3,669	3,202
41	23	97 022	11 905,933	195 037,416	16,382	15,915	91	73	10 824	102,844	353,435	3,437	2,970
42	24	96 856	11 292,678	183 131,483	16,217	15,750	92	74	8 571	77,372	250,591	3,239	2,772
43	25	96 678	10 709,648	171 838,805	16,045	15,578	93	75	6 579	56,431	173,219	3,070	2,603
44	26	96 470	10 153,606	161 129,157	15,869	15,402	94	76	4 926	40,145	116,788	2,909	2,442
45	27	96 239	9 624,030	150 975,551	15,687	15,221	95	77	3 587	27,773	76,644	2,760	2,293
46	28	95 982	9 119,575	141 351,521	15,500	15,033	96	78	2 535	18,650	48,871	2,620	2,154
47	29	95 693	8 638,568	132 231,946	15,307	14,840	97	79	1 735	12,130	30,221	2,491	2,025
48	30	95 371	8 180,008	123 593,377	15,109	14,642	98	80	1 149	7,632	18,091	2,370	1,904
49	31	95 008	7 742,407	115 413,369	14,907	14,440	99	81	734	4,631	10,459	2,258	1,792
							100	82	451	2,706	5,828	2,154	1,687



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	7 327,552	107 835,163	14,716	14,250
1							51	32	94 203	6 930,043	100 507,612	14,503	14,036
2							52	33	93 718	6 550,483	93 577,569	14,286	13,819
3							53	34	93 191	6 188,762	87 027,087	14,062	13,595
4							54	35	92 619	5 843,951	80 838,324	13,833	13,366
5							55	36	91 986	5 514,515	74 994,373	13,599	13,133
6							56	37	91 309	5 200,874	69 479,858	13,359	12,892
7							57	38	90 581	4 902,055	64 278,984	13,113	12,646
8							58	39	89 807	4 617,716	59 376,929	12,859	12,392
9							59	40	88 950	4 345,525	54 759,213	12,601	12,134
10							60	41	88 034	4 086,225	50 413,689	12,337	11,871
11							61	42	87 028	3 838,042	46 327,464	12,071	11,604
12							62	43	85 968	3 602,189	42 489,422	11,795	11,329
13							63	44	84 822	3 376,863	38 887,233	11,516	11,049
14							64	45	83 613	3 162,702	35 510,370	11,228	10,761
15							65	46	82 300	2 957,747	32 347,668	10,937	10,470
16							66	47	80 891	2 762,120	29 389,921	10,640	10,174
17							67	48	79 405	2 576,115	26 627,801	10,336	9,870
18							68	49	77 829	2 399,037	24 051,685	10,026	9,559
19	0	99 268	37 548,058	699 102,948	18,619	18,152	69	50	76 140	2 229,900	21 652,649	9,710	9,243
20	1	98 896	35 541,576	661 554,890	18,614	18,147	70	51	74 320	2 068,027	19 422,749	9,392	8,925
21	2	98 809	33 738,950	626 013,314	18,555	18,088	71	52	72 386	1 913,743	17 354,722	9,068	8,602
22	3	98 737	32 032,767	592 274,364	18,490	18,023	72	53	70 320	1 766,402	15 440,979	8,741	8,275
23	4	98 667	30 413,447	560 241,597	18,421	17,954	73	54	68 067	1 624,516	13 674,576	8,418	7,951
24	5	98 601	28 877,011	529 828,150	18,348	17,881	74	55	65 675	1 489,242	12 050,060	8,091	7,625
25	6	98 536	27 418,303	500 951,139	18,271	17,804	75	56	63 077	1 358,977	10 560,818	7,771	7,304
26	7	98 469	26 033,117	473 532,836	18,190	17,723	76	57	60 342	1 235,202	9 201,841	7,450	6,983
27	8	98 401	24 717,382	447 499,719	18,105	17,638	77	58	57 439	1 117,131	7 966,639	7,131	6,665
28	9	98 333	23 468,127	422 782,337	18,015	17,548	78	59	54 335	1 004,059	6 849,508	6,822	6,355
29	10	98 265	22 282,275	399 314,210	17,921	17,454	79	60	51 067	896,596	5 845,449	6,520	6,053
30	11	98 194	21 155,483	377 031,935	17,822	17,355	80	61	47 711	795,887	4 948,854	6,218	5,751
31	12	98 121	20 085,274	355 876,451	17,718	17,251	81	62	44 219	700,832	4 152,967	5,926	5,459
32	13	98 041	19 067,789	335 791,177	17,610	17,144	82	63	40 651	612,158	3 452,135	5,639	5,172
33	14	97 958	18 101,358	316 723,389	17,497	17,030	83	64	37 055	530,171	2 839,977	5,357	4,890
34	15	97 875	17 183,822	298 622,031	17,378	16,911	84	65	33 467	454,944	2 309,806	5,077	4,610
35	16	97 783	16 311,269	281 438,209	17,254	16,787	85	66	29 878	385,894	1 854,862	4,807	4,340
36	17	97 682	15 481,740	265 126,940	17,125	16,658	86	67	26 290	322,614	1 468,968	4,553	4,087
37	18	97 576	14 693,494	249 645,200	16,990	16,523	87	68	22 780	265,596	1 146,354	4,316	3,849
38	19	97 458	13 943,729	234 951,706	16,850	16,383	88	69	19 356	214,423	880,758	4,108	3,641
39	20	97 332	13 231,089	221 007,977	16,704	16,237	89	70	16 256	171,100	666,335	3,894	3,428
40	21	97 198	12 553,700	207 776,888	16,551	16,084	90	71	13 422	134,226	495,235	3,690	3,223
41	22	97 044	11 908,670	195 223,188	16,393	15,927	91	72	10 994	104,461	361,009	3,456	2,989
42	23	96 878	11 295,248	183 314,518	16,229	15,763	92	73	8 722	78,737	256,548	3,258	2,791
43	24	96 700	10 712,083	172 019,270	16,058	15,592	93	74	6 709	57,543	177,811	3,090	2,623
44	25	96 492	10 155,869	161 307,187	15,883	15,416	94	75	5 038	41,059	120,268	2,929	2,462
45	26	96 265	9 626,602	151 151,318	15,701	15,235	95	76	3 680	28,495	79,209	2,780	2,313
46	27	96 007	9 121,930	141 524,716	15,515	15,048	96	77	2 611	19,206	50,713	2,641	2,174
47	28	95 718	8 640,813	132 402,786	15,323	14,856	97	78	1 795	12,548	31,508	2,511	2,044
48	29	95 397	8 182,277	123 761,974	15,126	14,659	98	79	1 194	7,930	18,960	2,391	1,924
49	30	95 034	7 744,533	115 579,696	14,924	14,457	99	80	767	4,841	11,030	2,279	1,812
							100	81	475	2,846	6,189	2,174	1,708

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	7 329,563	107 985,056	14,733	14,266
1							51	31	94 233	6 932,303	100 655,493	14,520	14,053
2							52	32	93 750	6 552,752	93 723,190	14,303	13,836
3							53	33	93 225	6 191,002	87 170,438	14,080	13,613
4							54	34	92 657	5 846,323	80 979,436	13,851	13,385
5							55	35	92 026	5 516,866	75 133,112	13,619	13,152
6							56	36	91 352	5 203,300	69 616,246	13,379	12,912
7							57	37	90 629	4 904,638	64 412,946	13,133	12,666
8							58	38	89 860	4 620,440	59 508,307	12,879	12,413
9							59	39	89 013	4 348,583	54 887,868	12,622	12,155
10							60	40	88 096	4 089,140	50 539,285	12,359	11,893
11							61	41	87 100	3 841,234	46 450,145	12,093	11,626
12							62	42	86 049	3 605,600	42 608,911	11,817	11,351
13							63	43	84 911	3 380,431	39 003,312	11,538	11,071
14							64	44	83 707	3 166,283	35 622,880	11,251	10,784
15							65	45	82 411	2 961,753	32 456,598	10,959	10,492
16							66	46	81 017	2 766,411	29 494,844	10,662	10,195
17							67	47	79 543	2 580,594	26 728,434	10,357	9,891
18							68	48	77 973	2 403,490	24 147,840	10,047	9,580
19							69	49	76 299	2 234,575	21 744,350	9,731	9,264
20	0	99 213	35 655,661	661 896,454	18,564	18,097	70	50	74 494	2 072,870	19 509,776	9,412	8,945
21	1	98 837	33 748,545	626 240,793	18,556	18,089	71	51	72 567	1 918,522	17 436,905	9,089	8,622
22	2	98 753	32 037,932	592 492,248	18,493	18,027	72	52	70 516	1 771,310	15 518,384	8,761	8,294
23	3	98 682	30 417,809	560 454,316	18,425	17,958	73	53	68 275	1 629,469	13 747,073	8,437	7,970
24	4	98 613	28 880,472	530 036,507	18,353	17,886	74	54	65 885	1 494,002	12 117,605	8,111	7,644
25	5	98 545	27 420,783	501 156,035	18,277	17,810	75	55	63 305	1 363,884	10 623,602	7,789	7,322
26	6	98 477	26 035,205	473 735,252	18,196	17,729	76	56	60 571	1 239,905	9 259,719	7,468	7,001
27	7	98 409	24 719,447	447 700,047	18,111	17,644	77	57	57 677	1 121,760	8 019,814	7,149	6,683
28	8	98 339	23 469,585	422 980,600	18,023	17,556	78	58	54 584	1 008,658	6 898,054	6,839	6,372
29	9	98 272	22 283,690	399 511,015	17,928	17,462	79	59	51 312	900,900	5 889,396	6,537	6,070
30	10	98 202	21 157,188	377 227,325	17,830	17,363	80	60	47 973	800,263	4 988,496	6,234	5,767
31	11	98 129	20 086,869	356 070,137	17,727	17,260	81	61	44 471	704,839	4 188,233	5,942	5,475
32	12	98 049	19 069,250	335 983,268	17,619	17,152	82	62	40 908	616,023	3 483,394	5,655	5,188
33	13	97 968	18 103,139	316 914,018	17,506	17,039	83	63	37 304	533,731	2 867,371	5,372	4,906
34	14	97 887	17 185,949	298 810,879	17,387	16,920	84	64	33 709	458,242	2 333,640	5,093	4,626
35	15	97 796	16 313,480	281 624,930	17,263	16,797	85	65	30 111	388,905	1 875,399	4,822	4,355
36	16	97 698	15 484,229	265 311,449	17,134	16,668	86	66	26 508	325,288	1 486,494	4,570	4,103
37	17	97 593	14 696,073	249 827,220	17,000	16,533	87	67	22 987	268,013	1 161,206	4,333	3,866
38	18	97 480	13 946,776	235 131,147	16,859	16,392	88	68	19 548	216,544	893,193	4,125	3,658
39	19	97 353	13 233,935	221 184,371	16,713	16,247	89	69	16 436	172,997	676,648	3,911	3,445
40	20	97 218	12 556,349	207 950,436	16,561	16,095	90	70	13 585	135,850	503,651	3,707	3,241
41	21	97 065	11 911,244	195 394,086	16,404	15,937	91	71	11 143	105,873	367,802	3,474	3,007
42	22	96 900	11 297,844	183 482,842	16,241	15,774	92	72	8 859	79,975	261,929	3,275	2,808
43	23	96 722	10 714,521	172 184,998	16,070	15,603	93	73	6 827	58,558	181,954	3,107	2,640
44	24	96 514	10 158,179	161 470,478	15,896	15,429	94	74	5 138	41,869	123,396	2,947	2,480
45	25	96 286	9 628,747	151 312,299	15,715	15,248	95	75	3 764	29,145	81,527	2,797	2,331
46	26	96 033	9 124,367	141 683,551	15,528	15,061	96	76	2 679	19,705	52,383	2,658	2,192
47	27	95 743	8 643,044	132 559,184	15,337	14,870	97	77	1 849	12,922	32,678	2,529	2,062
48	28	95 422	8 184,403	123 916,140	15,141	14,674	98	78	1 235	8,203	19,756	2,408	1,942
49	29	95 060	7 746,681	115 731,737	14,940	14,473	99	79	797	5,030	11,553	2,297	1,830
							100	80	496	2,976	6,523	2,192	1,726

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	7 331,597	108 122,048	14,747	14,281
1							51	30	94 259	6 934,206	100 790,451	14,535	14,068
2							52	31	93 781	6 554,889	93 856,245	14,319	13,852
3							53	32	93 257	6 193,147	87 301,356	14,096	13,630
4							54	33	92 690	5 848,439	81 108,209	13,868	13,402
5							55	34	92 063	5 519,106	75 259,770	13,636	13,169
6							56	35	91 391	5 205,519	69 740,663	13,397	12,931
7							57	36	90 671	4 906,926	64 535,145	13,152	12,685
8							58	37	89 907	4 622,875	59 628,218	12,899	12,432
9							59	38	89 065	4 351,148	55 005,344	12,642	12,175
10							60	39	88 158	4 092,018	50 654,195	12,379	11,912
11							61	40	87 162	3 843,974	46 562,178	12,113	11,646
12							62	41	86 121	3 608,598	42 718,204	11,838	11,371
13							63	42	84 992	3 383,632	39 109,606	11,558	11,092
14							64	43	83 796	3 169,628	35 725,974	11,271	10,805
15							65	44	82 504	2 965,106	32 556,346	10,980	10,513
16							66	45	81 127	2 770,157	29 591,239	10,682	10,215
17							67	46	79 666	2 584,602	26 821,082	10,377	9,910
18							68	47	78 109	2 407,668	24 236,480	10,066	9,600
19							69	48	76 441	2 238,723	21 828,812	9,751	9,284
20							70	49	74 650	2 077,216	19 590,089	9,431	8,964
21	0	99 154	33 856,874	626 557,708	18,506	18,039	71	50	72 736	1 923,015	17 512,873	9,107	8,640
22	1	98 781	32 047,044	592 700,834	18,495	18,028	72	51	70 692	1 775,733	15 589,858	8,779	8,313
23	2	98 698	30 422,713	560 653,790	18,429	17,962	73	52	68 464	1 633,996	13 814,125	8,454	7,987
24	3	98 627	28 884,614	530 231,076	18,357	17,890	74	53	66 086	1 498,557	12 180,128	8,128	7,661
25	4	98 556	27 424,070	501 346,462	18,281	17,814	75	54	63 507	1 368,243	10 681,572	7,807	7,340
26	5	98 486	26 037,560	473 922,393	18,201	17,735	76	55	60 790	1 244,381	9 313,329	7,484	7,018
27	6	98 417	24 721,429	447 884,833	18,117	17,650	77	56	57 897	1 126,031	8 068,947	7,166	6,699
28	7	98 347	23 471,545	423 163,403	18,029	17,562	78	57	54 810	1 012,837	6 942,916	6,855	6,388
29	8	98 278	22 285,074	399 691,858	17,935	17,469	79	58	51 548	905,027	5 930,079	6,552	6,086
30	9	98 208	21 158,531	377 406,783	17,837	17,370	80	59	48 204	804,105	5 025,053	6,249	5,782
31	10	98 137	20 088,487	356 248,253	17,734	17,267	81	60	44 716	708,714	4 220,947	5,956	5,489
32	11	98 056	19 070,765	336 159,765	17,627	17,160	82	61	41 142	619,545	3 512,233	5,669	5,202
33	12	97 975	18 104,527	317 089,000	17,514	17,048	83	62	37 540	537,101	2 892,688	5,386	4,919
34	13	97 897	17 187,640	298 984,473	17,395	16,929	84	63	33 936	461,318	2 355,587	5,106	4,639
35	14	97 808	16 315,500	281 796,833	17,272	16,805	85	64	30 329	391,724	1 894,269	4,836	4,369
36	15	97 711	15 486,328	265 481,333	17,143	16,676	86	65	26 714	327,826	1 502,545	4,583	4,117
37	16	97 609	14 698,436	249 995,005	17,008	16,541	87	66	23 177	270,235	1 174,719	4,347	3,880
38	17	97 497	13 949,224	235 296,568	16,868	16,401	88	67	19 725	218,515	904,485	4,139	3,672
39	18	97 375	13 236,827	221 347,344	16,722	16,255	89	68	16 599	174,708	685,969	3,926	3,460
40	19	97 239	12 559,050	208 110,517	16,571	16,104	90	69	13 735	137,356	511,261	3,722	3,255
41	20	97 086	11 913,758	195 551,467	16,414	15,947	91	70	11 278	107,154	373,905	3,489	3,023
42	21	96 921	11 300,286	183 637,709	16,251	15,784	92	71	8 979	81,056	266,752	3,291	2,824
43	22	96 744	10 716,983	172 337,422	16,081	15,614	93	72	6 934	59,478	185,695	3,122	2,655
44	23	96 536	10 160,490	161 620,439	15,907	15,440	94	73	5 228	42,607	126,217	2,962	2,496
45	24	96 308	9 630,937	151 459,949	15,726	15,260	95	74	3 838	29,719	83,610	2,813	2,347
46	25	96 054	9 126,401	141 829,012	15,541	15,074	96	75	2 740	20,154	53,891	2,674	2,207
47	26	95 768	8 645,354	132 702,611	15,350	14,883	97	76	1 897	13,258	33,737	2,545	2,078
48	27	95 447	8 186,516	124 057,258	15,154	14,687	98	77	1 272	8,447	20,479	2,424	1,958
49	28	95 085	7 748,694	115 870,742	14,954	14,487	99	78	825	5,203	12,032	2,312	1,846
							100	79	516	3,092	6,829	2,209	1,742

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	7 333,501	108 247,265	14,761	14,294
1							51	29	94 285	6 936,130	100 913,764	14,549	14,082
2							52	30	93 807	6 556,689	93 977,634	14,333	13,866
3							53	31	93 288	6 195,167	87 420,946	14,111	13,644
4							54	32	92 722	5 850,465	81 225,779	13,884	13,417
5							55	33	92 096	5 521,104	75 375,313	13,652	13,185
6							56	34	91 428	5 207,632	69 854,209	13,414	12,947
7							57	35	90 710	4 909,018	64 646,577	13,169	12,702
8							58	36	89 949	4 625,031	59 737,559	12,916	12,449
9							59	37	89 112	4 353,441	55 112,528	12,660	12,193
10							60	38	88 210	4 094,431	50 759,086	12,397	11,930
11							61	39	87 224	3 846,679	46 664,655	12,131	11,664
12							62	40	86 182	3 611,172	42 817,976	11,857	11,390
13							63	41	85 062	3 386,446	39 206,804	11,578	11,111
14							64	42	83 875	3 172,629	35 820,358	11,290	10,824
15							65	43	82 592	2 968,240	32 647,729	10,999	10,532
16							66	44	81 218	2 773,293	29 679,489	10,702	10,235
17							67	45	79 774	2 588,103	26 906,195	10,396	9,929
18							68	46	78 230	2 411,408	24 318,093	10,085	9,618
19							69	47	76 574	2 242,615	21 906,685	9,768	9,302
20							70	48	74 788	2 081,072	19 664,070	9,449	8,982
21							71	49	72 889	1 927,047	17 582,998	9,124	8,658
22	0	99 098	32 149,911	592 994,952	18,445	17,978	72	50	70 857	1 779,892	15 655,951	8,796	8,329
23	1	98 726	30 431,366	560 845,041	18,430	17,963	73	51	68 635	1 638,076	13 876,059	8,471	8,004
24	2	98 643	28 889,271	530 413,675	18,360	17,893	74	52	66 270	1 502,720	12 237,983	8,144	7,677
25	3	98 570	27 428,003	501 524,404	18,285	17,818	75	53	63 701	1 372,414	10 735,263	7,822	7,355
26	4	98 498	26 040,681	474 096,401	18,206	17,739	76	54	60 984	1 248,359	9 362,848	7,500	7,033
27	5	98 426	24 723,666	448 055,720	18,123	17,656	77	55	58 106	1 130,097	8 114,490	7,180	6,714
28	6	98 355	23 473,428	423 332,054	18,035	17,568	78	56	55 019	1 016,693	6 984,393	6,870	6,403
29	7	98 286	22 286,936	399 858,627	17,941	17,475	79	57	51 761	908,777	5 967,700	6,567	6,100
30	8	98 215	21 159,845	377 571,690	17,844	17,377	80	58	48 425	807,788	5 058,923	6,263	5,796
31	9	98 143	20 089,763	356 411,845	17,741	17,274	81	59	44 931	712,117	4 251,135	5,970	5,503
32	10	98 064	19 072,301	336 322,082	17,634	17,167	82	60	41 368	622,952	3 539,018	5,681	5,214
33	11	97 983	18 105,965	317 249,781	17,522	17,055	83	61	37 754	540,172	2 916,066	5,398	4,932
34	12	97 904	17 188,958	299 143,816	17,403	16,936	84	62	34 150	464,231	2 375,894	5,118	4,651
35	13	97 818	16 317,105	281 954,858	17,280	16,813	85	63	30 533	394,353	1 911,663	4,848	4,381
36	14	97 723	15 488,246	265 637,753	17,151	16,684	86	64	26 908	330,202	1 517,310	4,595	4,128
37	15	97 622	14 700,429	250 149,507	17,016	16,550	87	65	23 358	272,343	1 187,108	4,359	3,892
38	16	97 512	13 951,467	235 449,078	16,876	16,410	88	66	19 889	220,326	914,765	4,152	3,685
39	17	97 392	13 239,151	221 497,611	16,731	16,264	89	67	16 750	176,298	694,438	3,939	3,472
40	18	97 260	12 561,794	208 258,460	16,579	16,112	90	68	13 871	138,715	518,140	3,735	3,268
41	19	97 107	11 916,321	195 696,666	16,423	15,956	91	69	11 403	108,342	379,425	3,502	3,035
42	20	96 941	11 302,671	183 780,345	16,260	15,793	92	70	9 087	82,036	271,083	3,304	2,838
43	21	96 765	10 719,300	172 477,674	16,090	15,624	93	71	7 028	60,283	189,047	3,136	2,669
44	22	96 558	10 162,825	161 758,374	15,917	15,450	94	72	5 310	43,277	128,764	2,975	2,509
45	23	96 330	9 633,128	151 595,549	15,737	15,270	95	73	3 906	30,243	85,487	2,827	2,360
46	24	96 076	9 128,476	141 962,421	15,552	15,085	96	74	2 794	20,551	55,244	2,688	2,221
47	25	95 790	8 647,281	132 833,944	15,361	14,895	97	75	1 940	13,560	34,693	2,558	2,092
48	26	95 472	8 188,704	124 186,664	15,166	14,699	98	76	1 305	8,667	21,133	2,438	1,972
49	27	95 109	7 750,695	115 997,960	14,966	14,499	99	77	849	5,358	12,466	2,327	1,860
							100	78	533	3,198	7,108	2,223	1,756

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	7 335,395	108 361,841	14,772	14,306
1							51	28	94 310	6 937,932	101 026,446	14,561	14,095
2							52	29	93 833	6 558,508	94 088,514	14,346	13,879
3							53	30	93 313	6 196,868	87 530,006	14,125	13,658
4							54	31	92 753	5 852,373	81 333,139	13,897	13,431
5							55	32	92 128	5 523,017	75 480,765	13,667	13,200
6							56	33	91 461	5 209,517	69 957,749	13,429	12,962
7							57	34	90 747	4 911,011	64 748,232	13,184	12,718
8							58	35	89 987	4 627,003	59 837,221	12,932	12,465
9							59	36	89 154	4 355,472	55 210,217	12,676	12,209
10							60	37	88 257	4 096,589	50 854,745	12,414	11,947
11							61	38	87 275	3 848,948	46 758,156	12,148	11,682
12							62	39	86 243	3 613,714	42 909,208	11,874	11,407
13							63	40	85 123	3 388,861	39 295,494	11,595	11,129
14							64	41	83 945	3 175,268	35 906,633	11,308	10,841
15							65	42	82 670	2 971,050	32 731,365	11,017	10,550
16							66	43	81 304	2 776,224	29 760,315	10,720	10,253
17							67	44	79 865	2 591,033	26 984,091	10,414	9,948
18							68	45	78 336	2 414,674	24 393,058	10,102	9,635
19							69	46	76 693	2 246,098	21 978,384	9,785	9,318
20							70	47	74 918	2 084,690	19 732,285	9,465	8,999
21							71	48	73 024	1 930,624	17 647,596	9,141	8,674
22							72	49	71 006	1 783,623	15 716,972	8,812	8,345
23	0	99 043	30 529,047	561 118,064	18,380	17,913	73	50	68 796	1 641,912	13 933,348	8,486	8,019
24	1	98 671	28 897,488	530 589,016	18,361	17,894	74	51	66 435	1 506,473	12 291,436	8,159	7,692
25	2	98 586	27 432,425	501 691,529	18,288	17,821	75	52	63 878	1 376,228	10 784,963	7,837	7,370
26	3	98 512	26 044,415	474 259,104	18,210	17,743	76	53	61 170	1 252,164	9 408,736	7,514	7,047
27	4	98 438	24 726,629	448 214,688	18,127	17,660	77	54	58 291	1 133,709	8 156,572	7,195	6,728
28	5	98 364	23 475,551	423 488,059	18,040	17,573	78	55	55 218	1 020,364	7 022,863	6,883	6,416
29	6	98 294	22 288,723	400 012,508	17,947	17,480	79	56	51 958	912,237	6 002,499	6,580	6,113
30	7	98 223	21 161,613	377 723,785	17,849	17,383	80	57	48 625	811,135	5 090,262	6,275	5,809
31	8	98 149	20 091,011	356 562,172	17,747	17,281	81	58	45 136	715,379	4 279,127	5,982	5,515
32	9	98 070	19 073,512	336 471,161	17,641	17,174	82	59	41 567	625,943	3 563,748	5,693	5,227
33	10	97 991	18 107,423	317 397,648	17,529	17,062	83	60	37 962	543,142	2 937,805	5,409	4,942
34	11	97 912	17 190,323	299 290,225	17,410	16,944	84	61	34 345	466,885	2 394,663	5,129	4,662
35	12	97 825	16 318,356	282 099,902	17,287	16,820	85	62	30 725	396,843	1 927,778	4,858	4,391
36	13	97 733	15 489,770	265 781,546	17,159	16,692	86	63	27 089	332,419	1 530,935	4,605	4,139
37	14	97 634	14 702,249	250 291,776	17,024	16,557	87	64	23 528	274,317	1 198,516	4,369	3,902
38	15	97 526	13 953,359	235 589,527	16,884	16,417	88	65	20 044	222,046	924,198	4,162	3,695
39	16	97 407	13 241,279	221 636,168	16,738	16,271	89	66	16 889	177,759	702,153	3,950	3,483
40	17	97 277	12 564,000	208 394,889	16,587	16,120	90	67	13 997	139,977	524,393	3,746	3,279
41	18	97 128	11 918,924	195 830,889	16,430	15,963	91	68	11 515	109,414	384,416	3,513	3,047
42	19	96 962	11 305,102	183 911,965	16,268	15,801	92	69	9 188	82,946	275,003	3,315	2,849
43	20	96 785	10 721,562	172 606,863	16,099	15,632	93	70	7 113	61,012	192,056	3,148	2,681
44	21	96 579	10 165,022	161 885,300	15,926	15,459	94	71	5 382	43,862	131,045	2,988	2,521
45	22	96 352	9 635,342	151 720,278	15,746	15,279	95	72	3 967	30,719	87,183	2,838	2,371
46	23	96 098	9 130,553	142 084,936	15,561	15,095	96	73	2 843	20,914	56,464	2,700	2,233
47	24	95 811	8 649,247	132 954,383	15,372	14,905	97	74	1 978	13,827	35,550	2,571	2,104
48	25	95 493	8 190,529	124 305,136	15,177	14,710	98	75	1 335	8,864	21,723	2,451	1,984
49	26	95 135	7 752,766	116 114,607	14,977	14,510	99	76	871	5,497	12,859	2,339	1,872
							100	77	549	3,293	7,361	2,235	1,768

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 5,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	7 337,355	108 466,879	14,783	14,316
1							51	27	94 334	6 939,723	101 129,523	14,573	14,106
2							52	28	93 857	6 560,212	94 189,800	14,358	13,891
3							53	29	93 339	6 198,587	87 629,589	14,137	13,670
4							54	30	92 778	5 853,980	81 431,002	13,910	13,444
5							55	31	92 158	5 524,818	75 577,022	13,680	13,213
6							56	32	91 493	5 211,322	70 052,204	13,442	12,976
7							57	33	90 780	4 912,789	64 840,882	13,198	12,732
8							58	34	90 024	4 628,882	59 928,094	12,947	12,480
9							59	35	89 192	4 357,329	55 299,212	12,691	12,224
10							60	36	88 298	4 098,500	50 941,883	12,429	11,963
11							61	37	87 321	3 850,976	46 843,382	12,164	11,697
12							62	38	86 294	3 615,846	42 992,406	11,890	11,423
13							63	39	85 183	3 391,246	39 376,560	11,611	11,144
14							64	40	84 005	3 177,533	35 985,314	11,325	10,858
15							65	41	82 739	2 973,521	32 807,781	11,033	10,567
16							66	42	81 381	2 778,853	29 834,260	10,736	10,269
17							67	43	79 949	2 593,770	27 055,408	10,431	9,964
18							68	44	78 425	2 417,408	24 461,637	10,119	9,652
19							69	45	76 797	2 249,140	22 044,229	9,801	9,334
20							70	46	75 035	2 087,928	19 795,089	9,481	9,014
21							71	47	73 151	1 933,980	17 707,161	9,156	8,689
22							72	48	71 138	1 786,935	15 773,181	8,827	8,360
23							73	49	68 940	1 645,355	13 986,246	8,500	8,034
24	0	98 988	28 990,245	530 842,512	18,311	17,844	74	50	66 591	1 510,001	12 340,892	8,173	7,706
25	1	98 614	27 440,227	501 852,266	18,289	17,822	75	51	64 037	1 379,664	10 830,891	7,850	7,384
26	2	98 528	26 048,615	474 412,039	18,213	17,746	76	52	61 340	1 255,643	9 451,227	7,527	7,060
27	3	98 452	24 730,175	448 363,424	18,130	17,663	77	53	58 469	1 137,165	8 195,583	7,207	6,740
28	4	98 375	23 478,365	423 633,249	18,044	17,577	78	54	55 394	1 023,625	7 058,419	6,896	6,429
29	5	98 303	22 290,740	400 154,884	17,952	17,485	79	55	52 146	915,530	6 034,793	6,592	6,125
30	6	98 231	21 163,310	377 864,144	17,855	17,388	80	56	48 810	814,224	5 119,263	6,287	5,820
31	7	98 157	20 092,689	356 700,834	17,753	17,286	81	57	45 323	718,343	4 305,039	5,993	5,526
32	8	98 077	19 074,697	336 608,145	17,647	17,180	82	58	41 757	628,810	3 586,696	5,704	5,237
33	9	97 997	18 108,573	317 533,448	17,535	17,068	83	59	38 144	545,750	2 957,886	5,420	4,953
34	10	97 920	17 191,708	299 424,875	17,417	16,950	84	60	34 534	469,452	2 412,137	5,138	4,671
35	11	97 833	16 319,652	282 233,167	17,294	16,827	85	61	30 901	399,113	1 942,685	4,868	4,401
36	12	97 740	15 490,957	265 913,515	17,166	16,699	86	62	27 260	334,518	1 543,572	4,614	4,148
37	13	97 644	14 703,696	250 422,558	17,031	16,564	87	63	23 685	276,159	1 209,054	4,378	3,911
38	14	97 538	13 955,086	235 718,862	16,891	16,424	88	64	20 189	223,655	932,895	4,171	3,704
39	15	97 421	13 243,075	221 763,776	16,746	16,279	89	65	17 021	179,147	709,240	3,959	3,492
40	16	97 293	12 566,020	208 520,701	16,594	16,127	90	66	14 113	141,137	530,094	3,756	3,289
41	17	97 145	11 921,017	195 954,681	16,438	15,971	91	67	11 620	110,409	388,956	3,523	3,056
42	18	96 983	11 307,572	184 033,664	16,275	15,808	92	68	9 279	83,767	278,547	3,325	2,858
43	19	96 806	10 723,869	172 726,092	16,107	15,640	93	69	7 192	61,688	194,780	3,157	2,691
44	20	96 599	10 167,167	162 002,224	15,934	15,467	94	70	5 447	44,393	133,092	2,998	2,531
45	21	96 373	9 637,425	151 835,056	15,755	15,288	95	71	4 021	31,134	88,699	2,849	2,382
46	22	96 120	9 132,652	142 197,631	15,570	15,103	96	72	2 888	21,243	57,565	2,710	2,243
47	23	95 833	8 651,215	133 064,979	15,381	14,914	97	73	2 013	14,071	36,323	2,581	2,115
48	24	95 515	8 192,392	124 413,764	15,187	14,720	98	74	1 361	9,039	22,252	2,462	1,995
49	25	95 156	7 754,494	116 221,372	14,988	14,521	99	75	891	5,623	13,213	2,350	1,883
							100	76	564	3,379	7,590	2,246	1,779

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	7 338,990	108 562,993	14,793	14,326
1							51	26	94 359	6 941,578	101 224,003	14,582	14,115
2							52	27	93 881	6 561,905	94 282,425	14,368	13,901
3							53	28	93 363	6 200,197	87 720,520	14,148	13,681
4							54	29	92 804	5 855,604	81 520,322	13,922	13,455
5							55	30	92 183	5 526,334	75 664,718	13,692	13,225
6							56	31	91 522	5 213,021	70 138,384	13,454	12,988
7							57	32	90 811	4 914,491	64 925,363	13,211	12,744
8							58	33	90 057	4 630,557	60 010,872	12,960	12,493
9							59	34	89 228	4 359,098	55 380,315	12,705	12,238
10							60	35	88 336	4 100,248	51 021,217	12,443	11,977
11							61	36	87 362	3 852,773	46 920,969	12,178	11,712
12							62	37	86 339	3 617,751	43 068,196	11,905	11,438
13							63	38	85 233	3 393,247	39 450,445	11,626	11,159
14							64	39	84 064	3 179,769	36 057,198	11,340	10,873
15							65	40	82 798	2 975,642	32 877,429	11,049	10,582
16							66	41	81 449	2 781,164	29 901,787	10,752	10,285
17							67	42	80 025	2 596,226	27 120,623	10,446	9,979
18							68	43	78 508	2 419,962	24 524,397	10,134	9,667
19							69	44	76 884	2 251,687	22 104,434	9,817	9,350
20							70	45	75 136	2 090,756	19 852,748	9,495	9,029
21							71	46	73 265	1 936,984	17 761,992	9,170	8,703
22							72	47	71 261	1 790,041	15 825,008	8,841	8,374
23							73	48	69 068	1 648,409	14 034,967	8,514	8,047
24							74	49	66 730	1 513,166	12 386,558	8,186	7,719
25	0	98 931	27 528,307	502 087,676	18,239	17,772	75	50	64 187	1 382,899	10 873,391	7,863	7,396
26	1	98 556	26 056,023	474 559,369	18,213	17,746	76	51	61 494	1 258,779	9 490,496	7,539	7,073
27	2	98 468	24 734,163	448 503,345	18,133	17,666	77	52	58 631	1 140,324	8 231,717	7,219	6,752
28	3	98 390	23 481,732	423 769,183	18,047	17,580	78	53	55 563	1 026,746	7 091,393	6,907	6,440
29	4	98 314	22 293,411	400 287,451	17,955	17,489	79	54	52 312	918,457	6 064,647	6,603	6,136
30	5	98 239	21 165,225	377 994,039	17,859	17,392	80	55	48 987	817,163	5 146,190	6,298	5,831
31	6	98 165	20 094,300	356 828,815	17,758	17,291	81	56	45 496	721,078	4 329,027	6,004	5,537
32	7	98 085	19 076,291	336 734,514	17,652	17,185	82	57	41 930	631,415	3 607,949	5,714	5,247
33	8	98 003	18 109,698	317 658,223	17,541	17,074	83	58	38 319	548,249	2 976,534	5,429	4,962
34	9	97 926	17 192,800	299 548,526	17,423	16,956	84	59	34 700	471,706	2 428,284	5,148	4,681
35	10	97 841	16 320,967	282 355,726	17,300	16,833	85	60	31 071	401,307	1 956,578	4,876	4,409
36	11	97 748	15 492,187	266 034,759	17,172	16,705	86	61	27 416	336,431	1 555,271	4,623	4,156
37	12	97 651	14 704,823	250 542,572	17,038	16,571	87	62	23 835	277,902	1 218,840	4,386	3,919
38	13	97 547	13 956,459	235 837,749	16,898	16,431	88	63	20 325	225,156	940,938	4,179	3,712
39	14	97 433	13 244,714	221 881,290	16,752	16,286	89	64	17 144	180,445	715,781	3,967	3,500
40	15	97 306	12 567,724	208 636,575	16,601	16,134	90	65	14 224	142,239	535,337	3,764	3,297
41	16	97 160	11 922,934	196 068,852	16,445	15,978	91	66	11 717	111,324	393,098	3,531	3,064
42	17	97 001	11 309,558	184 145,918	16,282	15,816	92	67	9 364	84,529	281,773	3,333	2,867
43	18	96 827	10 726,212	172 836,361	16,113	15,647	93	68	7 263	62,299	197,244	3,166	2,699
44	19	96 620	10 169,354	162 110,149	15,941	15,474	94	69	5 508	44,885	134,946	3,006	2,540
45	20	96 393	9 639,459	151 940,795	15,762	15,296	95	70	4 070	31,510	90,061	2,858	2,391
46	21	96 141	9 134,626	142 301,336	15,578	15,111	96	71	2 927	21,530	58,550	2,719	2,253
47	22	95 855	8 653,203	133 166,709	15,389	14,923	97	72	2 045	14,292	37,021	2,590	2,123
48	23	95 537	8 194,256	124 513,506	15,195	14,728	98	73	1 385	9,198	22,728	2,471	2,004
49	24	95 178	7 756,257	116 319,251	14,997	14,530	99	74	909	5,733	13,530	2,360	1,893
							100	75	576	3,456	7,796	2,256	1,789

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 849 164,467	18,492	18,024	50	50	93 003	6 395,500	86 761,738	13,566	13,099
1	1	99 275	94 099,665	1 749 164,467	18,588	18,121	51	51	92 389	6 022,085	80 366,238	13,345	12,878
2	2	99 212	89 136,897	1 655 064,802	18,568	18,100	52	52	91 717	5 666,583	74 344,152	13,120	12,653
3	3	99 177	84 460,068	1 565 927,905	18,540	18,073	53	53	90 982	5 328,115	68 677,569	12,890	12,422
4	4	99 147	80 033,372	1 481 467,837	18,511	18,043	54	54	90 185	5 006,109	63 349,455	12,654	12,187
5	5	99 121	75 840,994	1 401 434,465	18,479	18,011	55	55	89 321	4 699,698	58 343,346	12,414	11,947
6	6	99 101	71 872,378	1 325 593,471	18,444	17,977	56	56	88 386	4 408,044	53 643,648	12,169	11,702
7	7	99 082	68 112,834	1 253 721,092	18,407	17,939	57	57	87 395	4 131,387	49 235,604	11,917	11,450
8	8	99 064	64 550,290	1 185 608,259	18,367	17,900	58	58	86 341	3 868,788	45 104,217	11,658	11,191
9	9	99 049	61 175,427	1 121 057,968	18,325	17,858	59	59	85 187	3 618,098	41 235,429	11,397	10,930
10	10	99 034	57 977,528	1 059 882,541	18,281	17,814	60	60	83 967	3 380,333	37 617,331	11,128	10,661
11	11	99 017	54 945,662	1 001 905,013	18,234	17,767	61	61	82 622	3 152,800	34 236,998	10,859	10,392
12	12	99 000	52 071,997	946 959,351	18,186	17,718	62	62	81 229	2 938,040	31 084,198	10,580	10,113
13	13	98 982	49 348,399	894 887,354	18,134	17,667	63	63	79 727	2 733,375	28 146,158	10,297	9,830
14	14	98 963	46 767,037	845 538,955	18,080	17,613	64	64	78 155	2 539,799	25 412,782	10,006	9,539
15	15	98 935	44 316,148	798 771,918	18,024	17,557	65	65	76 477	2 355,717	22 872,984	9,710	9,242
16	16	98 902	41 991,744	754 455,771	17,967	17,500	66	66	74 702	2 181,086	20 517,267	9,407	8,940
17	17	98 856	39 784,401	712 464,027	17,908	17,441	67	67	72 853	2 016,206	18 336,181	9,094	8,627
18	18	98 805	37 690,840	672 679,625	17,847	17,380	68	68	70 895	1 859,716	16 319,975	8,776	8,308
19	19	98 729	35 698,261	634 988,786	17,788	17,320	69	69	68 821	1 711,195	14 460,259	8,450	7,983
20	20	98 654	33 811,489	599 290,525	17,724	17,257	70	70	66 595	1 569,518	12 749,064	8,123	7,656
21	21	98 574	32 022,901	565 479,035	17,659	17,191	71	71	64 247	1 435,246	11 179,546	7,789	7,322
22	22	98 497	30 329,787	533 456,134	17,589	17,121	72	72	61 752	1 307,594	9 744,301	7,452	6,985
23	23	98 419	28 725,835	503 126,347	17,515	17,048	73	73	59 028	1 184,747	8 436,706	7,121	6,654
24	24	98 342	27 207,094	474 400,512	17,437	16,969	74	74	56 145	1 068,139	7 251,959	6,789	6,322
25	25	98 263	25 767,997	447 193,418	17,355	16,887	75	75	53 072	957,051	6 183,820	6,461	5,994
26	26	98 183	24 404,727	421 425,421	17,268	16,801	76	76	49 829	851,716	5 226,769	6,137	5,670
27	27	98 097	23 112,139	397 020,694	17,178	16,711	77	77	46 421	752,101	4 375,053	5,817	5,350
28	28	98 010	21 887,724	373 908,555	17,083	16,616	78	78	42 837	657,847	3 622,952	5,507	5,040
29	29	97 924	20 728,416	352 020,832	16,983	16,515	79	79	39 108	569,276	2 965,105	5,209	4,741
30	30	97 833	19 629,701	331 292,416	16,877	16,410	80	80	35 359	487,873	2 395,829	4,911	4,444
31	31	97 742	18 588,888	311 662,715	16,766	16,299	81	81	31 529	412,342	1 907,956	4,627	4,160
32	32	97 637	17 600,999	293 073,827	16,651	16,184	82	82	27 725	343,688	1 495,614	4,352	3,884
33	33	97 531	16 665,182	275 472,828	16,530	16,063	83	83	23 995	281,946	1 151,926	4,086	3,618
34	34	97 425	15 779,198	258 807,646	16,402	15,935	84	84	20 410	227,323	869,981	3,827	3,360
35	35	97 306	14 938,437	243 028,447	16,269	15,801	85	85	17 005	179,521	642,658	3,580	3,113
36	36	97 181	14 141,371	228 090,011	16,129	15,662	86	86	13 800	138,092	463,136	3,354	2,887
37	37	97 047	13 385,671	213 948,639	15,983	15,516	87	87	10 900	103,387	325,045	3,144	2,677
38	38	96 900	12 668,633	200 562,968	15,831	15,364	88	88	8 281	74,451	221,658	2,977	2,510
39	39	96 738	11 988,182	187 894,335	15,673	15,206	89	89	6 150	52,407	147,207	2,809	2,342
40	40	96 557	11 341,885	175 906,153	15,509	15,042	90	90	4 421	35,709	94,800	2,655	2,188
41	41	96 357	10 728,292	164 564,268	15,339	14,872	91	91	3 126	23,935	59,091	2,469	2,002
42	42	96 134	10 145,455	153 835,975	15,163	14,696	92	92	2 083	15,116	35,156	2,326	1,859
43	43	95 888	9 591,955	143 690,521	14,980	14,513	93	93	1 322	9,096	20,040	2,203	1,736
44	44	95 602	9 064,837	134 098,566	14,793	14,326	94	94	803	5,237	10,944	2,090	1,623
45	45	95 291	8 564,282	125 033,728	14,599	14,132	95	95	465	2,872	5,707	1,987	1,520
46	46	94 933	8 087,281	116 469,446	14,402	13,934	96	96	256	1,497	2,835	1,893	1,426
47	47	94 524	7 632,699	108 382,165	14,200	13,733	97	97	133	0,740	1,338	1,809	1,341
48	48	94 068	7 199,890	100 749,466	13,993	13,526	98	98	66	0,345	0,598	1,731	1,264
49	49	93 563	6 787,839	93 549,576	13,782	13,315	99	99	30	0,152	0,253	1,662	1,194
							100	100	13	0,063	0,101	1,598	1,131



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 847 731,353	18,537	18,069	50	51	92 786	6 380,557	86 038,121	13,484	13,017
1	2	99 247	94 072,910	1 748 051,314	18,582	18,115	51	52	92 159	6 007,085	79 657,564	13,261	12,793
2	3	99 196	89 122,527	1 653 978,404	18,558	18,091	52	53	91 463	5 650,882	73 650,479	13,033	12,566
3	4	99 162	84 447,958	1 564 855,878	18,530	18,063	53	54	90 705	5 311,921	67 999,597	12,801	12,334
4	5	99 135	80 023,780	1 480 407,920	18,500	18,032	54	55	89 897	4 990,159	62 687,675	12,562	12,095
5	6	99 112	75 834,134	1 400 384,140	18,466	17,999	55	56	89 000	4 682,791	57 697,516	12,321	11,854
6	7	99 093	71 866,616	1 324 550,006	18,431	17,963	56	57	88 051	4 391,325	53 014,726	12,073	11,605
7	8	99 074	68 107,143	1 252 683,390	18,393	17,926	57	58	87 034	4 114,339	48 623,401	11,818	11,351
8	9	99 058	64 546,281	1 184 576,247	18,352	17,885	58	59	85 947	3 851,147	44 509,062	11,557	11,090
9	10	99 042	61 171,543	1 120 029,966	18,310	17,842	59	60	84 780	3 600,810	40 657,914	11,291	10,824
10	11	99 026	57 972,857	1 058 858,423	18,265	17,798	60	61	83 508	3 361,850	37 057,105	11,023	10,556
11	12	99 009	54 941,299	1 000 885,565	18,217	17,750	61	62	82 152	3 134,875	33 695,254	10,749	10,281
12	13	98 992	52 068,005	945 944,267	18,167	17,700	62	63	80 719	2 919,604	30 560,379	10,467	10,000
13	14	98 972	49 343,544	893 876,261	18,115	17,648	63	64	79 195	2 715,147	27 640,775	10,180	9,713
14	15	98 951	46 761,248	844 532,717	18,061	17,593	64	65	77 593	2 521,523	24 925,628	9,885	9,418
15	16	98 921	44 310,140	797 771,470	18,004	17,537	65	66	75 885	2 337,478	22 404,105	9,585	9,118
16	17	98 886	41 984,993	753 461,330	17,946	17,479	66	67	74 088	2 163,158	20 066,627	9,277	8,809
17	18	98 839	39 777,418	711 476,337	17,886	17,419	67	68	72 196	1 998,021	17 903,469	8,961	8,493
18	19	98 784	37 682,607	671 698,919	17,825	17,358	68	69	70 200	1 841,500	15 905,448	8,637	8,170
19	20	98 708	35 690,584	634 016,312	17,764	17,297	69	70	68 066	1 692,427	14 063,948	8,310	7,843
20	21	98 633	33 804,355	598 325,728	17,700	17,232	70	71	65 799	1 550,765	12 371,522	7,978	7,511
21	22	98 553	32 015,980	564 521,373	17,632	17,165	71	72	63 389	1 416,095	10 820,757	7,641	7,174
22	23	98 474	30 322,817	532 505,393	17,561	17,094	72	73	60 796	1 287,359	9 404,662	7,305	6,838
23	24	98 397	28 719,301	502 182,576	17,486	17,019	73	74	58 004	1 164,209	8 117,303	6,972	6,505
24	25	98 320	27 200,908	473 463,275	17,406	16,939	74	75	55 060	1 047,498	6 953,093	6,638	6,171
25	26	98 242	25 762,255	446 262,366	17,322	16,855	75	76	51 890	935,727	5 905,595	6,311	5,844
26	27	98 157	24 398,207	420 500,111	17,235	16,768	76	77	48 566	830,127	4 969,868	5,987	5,520
27	28	98 072	23 106,173	396 101,904	17,143	16,676	77	78	45 077	730,325	4 139,742	5,668	5,201
28	29	97 984	21 882,039	372 995,731	17,046	16,579	78	79	41 412	635,969	3 409,417	5,361	4,894
29	30	97 896	20 722,666	351 113,693	16,943	16,476	79	80	37 640	547,899	2 773,448	5,062	4,595
30	31	97 807	19 624,314	330 391,027	16,836	16,369	80	81	33 826	466,712	2 225,549	4,769	4,301
31	32	97 710	18 582,828	310 766,713	16,723	16,256	81	82	29 968	391,933	1 758,837	4,488	4,020
32	33	97 604	17 594,903	292 183,885	16,606	16,139	82	83	26 148	324,143	1 366,904	4,217	3,750
33	34	97 495	16 659,153	274 588,982	16,483	16,016	83	84	22 436	263,631	1 042,761	3,955	3,488
34	35	97 385	15 772,795	257 929,829	16,353	15,886	84	85	18 900	210,504	779,130	3,701	3,234
35	36	97 265	14 932,071	242 157,034	16,217	15,750	85	86	15 555	164,209	568,626	3,463	2,996
36	37	97 135	14 134,777	227 224,964	16,076	15,608	86	87	12 466	124,745	404,417	3,242	2,775
37	38	96 996	13 378,621	213 090,186	15,928	15,460	87	88	9 650	91,533	279,672	3,055	2,588
38	39	96 843	12 661,164	199 711,565	15,774	15,306	88	89	7 242	65,110	188,139	2,890	2,422
39	40	96 670	11 979,751	187 050,402	15,614	15,147	89	90	5 290	45,082	123,029	2,729	2,262
40	41	96 488	11 333,801	175 070,650	15,447	14,980	90	91	3 766	30,417	77,947	2,563	2,095
41	42	96 277	10 719,377	163 736,850	15,275	14,808	91	92	2 585	19,791	47,530	2,402	1,934
42	43	96 043	10 135,858	153 017,472	15,097	14,629	92	93	1 689	12,259	27,739	2,263	1,796
43	44	95 786	9 581,830	142 881,615	14,912	14,445	93	94	1 049	7,214	15,480	2,146	1,679
44	45	95 494	9 054,587	133 299,785	14,722	14,255	94	95	622	4,056	8,266	2,038	1,571
45	46	95 162	8 552,698	124 245,198	14,527	14,060	95	96	351	2,170	4,209	1,940	1,472
46	47	94 785	8 074,739	115 692,500	14,328	13,861	96	97	188	1,102	2,039	1,850	1,383
47	48	94 360	7 619,453	107 617,761	14,124	13,657	97	98	95	0,530	0,937	1,770	1,302
48	49	93 894	7 186,549	99 998,308	13,915	13,447	98	99	46	0,240	0,408	1,696	1,229
49	50	93 367	6 773,638	92 811,759	13,702	13,235	99	100	21	0,103	0,167	1,629	1,162

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 846 523,570	18,530	18,063	50	52	92 555	6 364,664	85 257,635	13,395	12,928
1	3	99 231	94 057,744	1 746 871,874	18,572	18,105	51	53	91 904	5 990,441	78 892,970	13,170	12,703
2	4	99 181	89 109,748	1 652 814,130	18,548	18,081	52	54	91 185	5 633,708	72 902,530	12,940	12,473
3	5	99 150	84 437,837	1 563 704,383	18,519	18,052	53	55	90 416	5 294,997	67 268,822	12,704	12,237
4	6	99 126	80 016,541	1 479 266,546	18,487	18,020	54	56	89 574	4 972,207	61 973,825	12,464	11,997
5	7	99 104	75 828,054	1 399 250,005	18,453	17,986	55	57	88 662	4 665,029	57 001,618	12,219	11,752
6	8	99 084	71 860,612	1 323 421,951	18,417	17,949	56	58	87 687	4 373,205	52 336,589	11,968	11,500
7	9	99 068	68 102,913	1 251 561,339	18,378	17,910	57	59	86 637	4 095,580	47 963,384	11,711	11,244
8	10	99 052	64 542,183	1 183 458,426	18,336	17,869	58	60	85 537	3 832,745	43 867,805	11,446	10,978
9	11	99 035	61 166,615	1 118 916,243	18,293	17,826	59	61	84 317	3 581,121	40 035,059	11,179	10,712
10	12	99 018	57 968,253	1 057 749,627	18,247	17,780	60	62	83 033	3 342,737	36 453,939	10,905	10,438
11	13	99 002	54 937,087	999 781,374	18,199	17,731	61	63	81 637	3 115,204	33 111,202	10,629	10,162
12	14	98 982	52 062,883	944 844,287	18,148	17,681	62	64	80 181	2 900,135	29 995,998	10,343	9,876
13	15	98 960	49 337,436	892 781,404	18,095	17,628	63	65	78 625	2 695,610	27 095,863	10,052	9,585
14	16	98 938	46 754,909	843 443,968	18,040	17,573	64	66	76 992	2 502,000	24 400,253	9,752	9,285
15	17	98 905	44 303,017	796 689,060	17,983	17,516	65	67	75 262	2 318,265	21 898,253	9,446	8,979
16	18	98 868	41 977,623	752 386,043	17,924	17,456	66	68	73 420	2 143,647	19 579,989	9,134	8,667
17	19	98 817	39 768,729	710 408,420	17,863	17,396	67	69	71 489	1 978,450	17 436,342	8,813	8,346
18	20	98 762	37 674,503	670 639,691	17,801	17,334	68	70	69 430	1 821,303	15 457,892	8,487	8,020
19	21	98 687	35 683,053	632 965,188	17,739	17,271	69	71	67 253	1 672,205	13 636,589	8,155	7,688
20	22	98 612	33 797,049	597 282,135	17,673	17,205	70	72	64 921	1 530,073	11 964,384	7,819	7,352
21	23	98 530	32 008,623	563 485,086	17,604	17,137	71	73	62 408	1 394,181	10 434,311	7,484	7,017
22	24	98 452	30 315,920	531 476,463	17,531	17,064	72	74	59 742	1 265,042	9 040,130	7,146	6,679
23	25	98 374	28 712,772	501 160,543	17,454	16,987	73	75	56 883	1 141,712	7 775,088	6,810	6,343
24	26	98 298	27 194,847	472 447,771	17,373	16,906	74	76	53 833	1 024,159	6 633,376	6,477	6,010
25	27	98 215	25 755,373	445 252,925	17,288	16,821	75	77	50 575	912,008	5 609,217	6,150	5,683
26	28	98 132	24 391,909	419 497,552	17,198	16,731	76	78	47 160	806,091	4 697,209	5,827	5,360
27	29	98 046	23 100,171	395 105,643	17,104	16,637	77	79	43 578	706,035	3 891,118	5,511	5,044
28	30	97 957	21 875,969	372 005,472	17,005	16,538	78	80	39 857	612,088	3 185,082	5,204	4,736
29	31	97 870	20 716,979	350 129,502	16,901	16,433	79	81	36 007	524,135	2 572,995	4,909	4,442
30	32	97 775	19 617,916	329 412,523	16,791	16,324	80	82	32 151	443,612	2 048,860	4,619	4,151
31	33	97 676	18 576,392	309 794,608	16,677	16,210	81	83	28 264	369,644	1 605,248	4,343	3,875
32	34	97 568	17 588,537	291 218,216	16,557	16,090	82	84	24 449	303,087	1 235,603	4,077	3,610
33	35	97 456	16 652,392	273 629,678	16,432	15,965	83	85	20 776	244,126	932,516	3,820	3,353
34	36	97 344	15 766,073	256 977,286	16,299	15,832	84	86	17 288	192,549	688,391	3,575	3,108
35	37	97 220	14 925,108	241 211,213	16,161	15,694	85	87	14 051	148,338	495,841	3,343	2,875
36	38	97 084	14 127,332	226 286,105	16,018	15,550	86	88	11 037	110,442	347,503	3,146	2,679
37	39	96 938	13 370,734	212 158,773	15,867	15,400	87	89	8 440	80,049	237,061	2,961	2,494
38	40	96 775	12 652,260	198 788,039	15,712	15,244	88	90	6 230	56,010	157,012	2,803	2,336
39	41	96 602	11 971,212	186 135,780	15,549	15,081	89	91	4 506	38,401	101,003	2,630	2,163
40	42	96 408	11 324,382	174 164,568	15,380	14,912	90	92	3 114	25,151	62,602	2,489	2,022
41	43	96 185	10 709,237	162 840,185	15,206	14,738	91	93	2 096	16,051	37,451	2,333	1,866
42	44	95 941	10 125,159	152 130,948	15,025	14,558	92	94	1 340	9,723	21,400	2,201	1,734
43	45	95 678	9 570,995	142 005,789	14,837	14,370	93	95	812	5,588	11,677	2,090	1,622
44	46	95 365	9 042,340	132 434,794	14,646	14,179	94	96	470	3,065	6,089	1,987	1,520
45	47	95 014	8 539,434	123 392,454	14,450	13,983	95	97	258	1,597	3,024	1,893	1,426
46	48	94 621	8 060,726	114 853,021	14,248	13,781	96	98	135	0,789	1,427	1,809	1,341
47	49	94 185	7 605,334	106 792,295	14,042	13,575	97	99	66	0,368	0,638	1,732	1,264
48	50	93 698	7 171,514	99 186,961	13,831	13,364	98	100	31	0,162	0,270	1,662	1,194
49	51	93 149	6 757,812	92 015,447	13,616	13,149							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 845 244,476	18,520	18,053	50	53	92 298	6 347,029	84 416,766	13,300	12,833
1	4	99 217	94 044,257	1 745 608,845	18,562	18,094	51	54	91 625	5 972,235	78 069,737	13,072	12,605
2	5	99 169	89 099,068	1 651 564,588	18,536	18,069	52	55	90 894	5 615,758	72 097,503	12,838	12,371
3	6	99 141	84 430,199	1 562 465,520	18,506	18,039	53	56	90 091	5 275,948	66 481,745	12,601	12,134
4	7	99 119	80 010,125	1 478 035,321	18,473	18,006	54	57	89 234	4 953,348	61 205,797	12,356	11,889
5	8	99 096	75 821,719	1 398 025,196	18,438	17,971	55	58	88 297	4 645,780	56 252,449	12,108	11,641
6	9	99 078	71 856,149	1 322 203,477	18,401	17,934	56	59	87 288	4 353,265	51 606,669	11,855	11,388
7	10	99 062	68 098,589	1 250 347,329	18,361	17,894	57	60	86 223	4 076,009	47 253,405	11,593	11,126
8	11	99 044	64 536,984	1 182 248,739	18,319	17,852	58	61	85 069	3 811,788	43 177,395	11,327	10,860
9	12	99 027	61 161,758	1 117 711,755	18,275	17,807	59	62	83 837	3 560,761	39 365,607	11,055	10,588
10	13	99 011	57 963,810	1 056 549,998	18,228	17,761	60	63	82 512	3 321,762	35 804,846	10,779	10,312
11	14	98 992	54 931,683	998 586,188	18,179	17,712	61	64	81 093	3 094,430	32 483,085	10,497	10,030
12	15	98 970	52 056,438	943 654,505	18,128	17,660	62	65	79 604	2 879,266	29 388,655	10,207	9,740
13	16	98 946	49 330,747	891 598,067	18,074	17,607	63	66	78 016	2 674,739	26 509,389	9,911	9,444
14	17	98 922	46 747,392	842 267,320	18,017	17,550	64	67	76 359	2 481,434	23 834,650	9,605	9,138
15	18	98 888	44 295,240	795 519,928	17,959	17,492	65	68	74 583	2 297,355	21 353,215	9,295	8,828
16	19	98 847	41 968,454	751 224,688	17,900	17,433	66	69	72 701	2 122,650	19 055,861	8,977	8,510
17	20	98 796	39 760,176	709 256,234	17,838	17,371	67	70	70 705	1 956,751	16 933,211	8,654	8,187
18	21	98 742	37 666,554	669 496,058	17,774	17,307	68	71	68 601	1 799,542	14 976,460	8,322	7,855
19	22	98 665	35 675,341	631 829,504	17,711	17,243	69	72	66 355	1 649,893	13 176,919	7,987	7,519
20	23	98 589	33 789,282	596 154,163	17,643	17,176	70	73	63 916	1 506,395	11 527,026	7,652	7,185
21	24	98 508	32 001,342	562 364,881	17,573	17,106	71	74	61 327	1 370,012	10 020,631	7,314	6,847
22	25	98 430	30 309,028	530 363,539	17,499	17,031	72	75	58 588	1 240,596	8 650,619	6,973	6,506
23	26	98 352	28 706,373	500 054,511	17,420	16,952	73	76	55 616	1 116,273	7 410,022	6,638	6,171
24	27	98 272	27 187,581	471 348,137	17,337	16,870	74	77	52 469	998,199	6 293,749	6,305	5,838
25	28	98 190	25 748,724	444 160,556	17,250	16,783	75	78	49 110	885,602	5 295,550	5,980	5,512
26	29	98 106	24 385,574	418 411,832	17,158	16,691	76	79	45 591	779,282	4 409,949	5,659	5,192
27	30	98 019	23 093,764	394 026,258	17,062	16,595	77	80	41 941	679,523	3 630,666	5,343	4,876
28	31	97 930	21 869,966	370 932,494	16,961	16,494	78	81	38 128	585,539	2 951,143	5,040	4,573
29	32	97 838	20 710,225	349 062,528	16,855	16,387	79	82	34 225	498,193	2 365,604	4,748	4,281
30	33	97 741	19 611,121	328 352,303	16,743	16,276	80	83	30 323	418,385	1 867,411	4,463	3,996
31	34	97 641	18 569,671	308 741,182	16,626	16,159	81	84	26 428	345,632	1 449,026	4,192	3,725
32	35	97 529	17 581,399	290 171,511	16,504	16,037	82	85	22 641	280,663	1 103,394	3,931	3,464
33	36	97 414	16 645,296	272 590,112	16,376	15,909	83	86	19 004	223,303	822,731	3,684	3,217
34	37	97 298	15 758,721	255 944,816	16,241	15,774	84	87	15 617	173,940	599,428	3,446	2,979
35	38	97 168	14 917,247	240 186,095	16,101	15,634	85	88	12 440	131,330	425,488	3,240	2,773
36	39	97 027	14 119,003	225 268,848	15,955	15,488	86	89	9 652	96,585	294,159	3,046	2,578
37	40	96 870	13 361,330	211 149,845	15,803	15,336	87	90	7 260	68,860	197,573	2,869	2,402
38	41	96 706	12 643,241	197 788,514	15,644	15,177	88	91	5 307	47,709	128,713	2,698	2,231
39	42	96 521	11 961,264	185 145,273	15,479	15,012	89	92	3 726	31,752	81,003	2,551	2,084
40	43	96 317	11 313,670	173 184,009	15,308	14,840	90	93	2 525	20,398	49,251	2,415	1,947
41	44	96 084	10 697,933	161 870,339	15,131	14,664	91	94	1 663	12,730	28,854	2,267	1,799
42	45	95 833	10 113,709	151 172,405	14,947	14,480	92	95	1 038	7,532	16,124	2,141	1,674
43	46	95 549	9 558,049	141 058,696	14,758	14,291	93	96	614	4,222	8,592	2,035	1,568
44	47	95 217	9 028,316	131 500,647	14,565	14,098	94	97	346	2,256	4,370	1,937	1,470
45	48	94 850	8 524,614	122 472,331	14,367	13,900	95	98	185	1,144	2,114	1,849	1,381
46	49	94 446	8 045,789	113 947,717	14,162	13,695	96	99	94	0,549	0,971	1,768	1,301
47	50	93 988	7 589,423	105 901,927	13,954	13,487	97	100	45	0,249	0,422	1,695	1,228
48	51	93 479	7 154,758	98 312,504	13,741	13,274							
49	52	92 917	6 740,979	91 157,746	13,523	13,056							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 843 875,896	18,509	18,042	50	54	92 018	6 327,739	83 512,774	13,198	12,731
1	5	99 205	94 032,986	1 744 254,552	18,549	18,082	51	55	91 333	5 953,206	77 185,034	12,965	12,498
2	6	99 161	89 091,008	1 650 221,566	18,523	18,056	52	56	90 567	5 595,555	71 231,828	12,730	12,263
3	7	99 133	84 423,429	1 561 130,558	18,492	18,024	53	57	89 749	5 255,937	65 636,273	12,488	12,021
4	8	99 110	80 003,441	1 476 707,128	18,458	17,991	54	58	88 866	4 932,909	60 380,336	12,240	11,773
5	9	99 090	75 817,009	1 396 703,687	18,422	17,955	55	59	87 894	4 624,597	55 447,427	11,990	11,522
6	10	99 072	71 851,587	1 320 886,678	18,384	17,916	56	60	86 871	4 332,463	50 822,830	11,731	11,264
7	11	99 054	68 093,104	1 249 035,091	18,343	17,876	57	61	85 752	4 053,722	46 490,367	11,469	11,001
8	12	99 036	64 531,858	1 180 941,988	18,300	17,833	58	62	84 585	3 790,117	42 436,645	11,197	10,729
9	13	99 019	61 157,069	1 116 410,129	18,255	17,788	59	63	83 311	3 538,418	38 646,529	10,922	10,455
10	14	99 001	57 958,108	1 055 253,060	18,207	17,740	60	64	81 962	3 299,610	35 108,111	10,640	10,173
11	15	98 980	54 924,883	997 294,952	18,157	17,690	61	65	80 509	3 072,163	31 808,501	10,354	9,887
12	16	98 957	52 049,381	942 370,070	18,105	17,638	62	66	78 988	2 856,973	28 736,338	10,058	9,591
13	17	98 930	49 322,817	890 320,688	18,051	17,584	63	67	77 375	2 652,753	25 879,364	9,756	9,288
14	18	98 904	46 739,186	840 997,872	17,993	17,526	64	68	75 670	2 459,052	23 226,611	9,445	8,978
15	19	98 866	44 285,564	794 258,685	17,935	17,468	65	69	73 852	2 274,852	20 767,559	9,129	8,662
16	20	98 825	41 959,428	749 973,121	17,874	17,407	66	70	71 904	2 099,369	18 492,707	8,809	8,342
17	21	98 775	39 751,787	708 013,693	17,811	17,344	67	71	69 860	1 933,371	16 393,338	8,479	8,012
18	22	98 720	37 658,412	668 261,906	17,745	17,278	68	72	67 685	1 775,530	14 459,967	8,144	7,677
19	23	98 643	35 667,143	630 603,493	17,680	17,213	69	73	65 328	1 624,361	12 684,436	7,809	7,342
20	24	98 567	33 781,597	594 936,351	17,611	17,144	70	74	62 808	1 480,281	11 060,075	7,472	7,004
21	25	98 485	31 994,066	561 154,754	17,539	17,072	71	75	60 142	1 343,538	9 579,794	7,130	6,663
22	26	98 408	30 302,274	529 160,687	17,463	16,996	72	76	57 282	1 212,955	8 236,257	6,790	6,323
23	27	98 326	28 698,704	498 858,414	17,383	16,915	73	77	54 206	1 087,978	7 023,302	6,455	5,988
24	28	98 247	27 180,563	470 159,709	17,298	16,830	74	78	50 949	969,297	5 935,324	6,123	5,656
25	29	98 164	25 742,037	442 979,146	17,208	16,741	75	79	47 477	856,148	4 966,027	5,800	5,333
26	30	98 079	24 378,810	417 237,110	17,115	16,648	76	80	43 879	750,020	4 109,879	5,480	5,013
27	31	97 992	23 087,426	392 858,300	17,016	16,549	77	81	40 122	650,050	3 359,859	5,169	4,701
28	32	97 898	21 862,835	369 770,873	16,913	16,446	78	82	36 241	556,558	2 709,809	4,869	4,402
29	33	97 804	20 703,052	347 908,038	16,805	16,337	79	83	32 279	469,862	2 153,252	4,583	4,116
30	34	97 706	19 604,026	327 204,986	16,691	16,224	80	84	28 353	391,207	1 683,390	4,303	3,836
31	35	97 601	18 562,135	307 600,960	16,571	16,104	81	85	24 473	320,061	1 292,183	4,037	3,570
32	36	97 487	17 573,907	289 038,824	16,447	15,980	82	86	20 709	256,724	972,123	3,787	3,319
33	37	97 369	16 637,534	271 464,918	16,316	15,849	83	87	17 167	201,721	715,399	3,546	3,079
34	38	97 247	15 750,421	254 827,384	16,179	15,712	84	88	13 827	153,996	513,678	3,336	2,868
35	39	97 111	14 908,452	239 076,963	16,036	15,569	85	89	10 879	114,853	359,682	3,132	2,664
36	40	96 959	14 109,074	224 168,511	15,888	15,421	86	90	8 303	83,086	244,830	2,947	2,480
37	41	96 801	13 351,807	210 059,437	15,733	15,265	87	91	6 184	58,656	161,744	2,758	2,290
38	42	96 625	12 632,735	196 707,630	15,571	15,104	88	92	4 388	39,449	103,088	2,613	2,146
39	43	96 430	11 949,950	184 074,895	15,404	14,937	89	93	3 022	25,751	63,639	2,471	2,004
40	44	96 215	11 301,728	172 124,946	15,230	14,763	90	94	2 003	16,178	37,888	2,342	1,875
41	45	95 975	10 685,836	160 823,217	15,050	14,583	91	95	1 288	9,861	21,710	2,202	1,734
42	46	95 703	10 100,030	150 137,382	14,865	14,398	92	96	784	5,690	11,849	2,082	1,615
43	47	95 401	9 543,226	140 037,352	14,674	14,207	93	97	452	3,107	6,159	1,982	1,515
44	48	95 052	9 012,648	130 494,127	14,479	14,012	94	98	248	1,615	3,051	1,889	1,422
45	49	94 674	8 508,819	121 481,479	14,277	13,810	95	99	129	0,796	1,436	1,805	1,338
46	50	94 248	8 028,957	112 972,660	14,071	13,603	96	100	63	0,371	0,641	1,729	1,261
47	51	93 769	7 571,691	104 943,703	13,860	13,393							
48	52	93 246	7 136,937	97 372,012	13,643	13,176							
49	53	92 659	6 722,301	90 235,075	13,423	12,956							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 842 409,864	18,496	18,029	50	55	91 725	6 307,578	82 542,803	13,086	12,619
1	6	99 196	94 024,480	1 742 800,459	18,536	18,068	51	56	91 004	5 931,789	76 235,225	12,852	12,385
2	7	99 153	89 083,865	1 648 775,979	18,508	18,041	52	57	90 224	5 574,332	70 303,436	12,612	12,145
3	8	99 125	84 416,376	1 559 692,114	18,476	18,009	53	58	89 379	5 234,249	64 729,104	12,366	11,899
4	9	99 104	79 998,472	1 475 275,737	18,441	17,974	54	59	88 461	4 910,416	59 494,854	12,116	11,649
5	10	99 084	75 812,196	1 395 277,265	18,404	17,937	55	60	87 474	4 602,499	54 584,438	11,860	11,393
6	11	99 064	71 845,798	1 319 465,069	18,365	17,898	56	61	86 396	4 308,774	49 981,939	11,600	11,133
7	12	99 046	68 087,695	1 247 619,271	18,324	17,857	57	62	85 264	4 030,675	45 673,165	11,331	10,864
8	13	99 029	64 526,912	1 179 531,575	18,280	17,812	58	63	84 055	3 766,334	41 642,490	11,057	10,589
9	14	99 009	61 151,053	1 115 004,664	18,234	17,766	59	64	82 756	3 514,821	37 876,156	10,776	10,309
10	15	98 989	57 950,933	1 053 853,610	18,185	17,718	60	65	81 372	3 275,867	34 361,335	10,489	10,022
11	16	98 966	54 917,437	995 902,678	18,135	17,667	61	66	79 886	3 048,377	31 085,468	10,197	9,730
12	17	98 941	52 041,014	940 985,241	18,082	17,614	62	67	78 338	2 833,490	28 037,091	9,895	9,428
13	18	98 913	49 314,159	888 944,227	18,026	17,559	63	68	76 677	2 628,826	25 203,601	9,587	9,120
14	19	98 883	46 728,977	839 630,068	17,968	17,501	64	69	74 929	2 434,966	22 574,775	9,271	8,804
15	20	98 845	44 276,040	792 901,092	17,908	17,441	65	70	73 042	2 249,902	20 139,809	8,951	8,484
16	21	98 805	41 950,575	748 625,051	17,845	17,378	66	71	71 045	2 074,285	17 889,907	8,625	8,157
17	22	98 754	39 743,195	706 674,476	17,781	17,314	67	72	68 928	1 907,574	15 815,622	8,291	7,824
18	23	98 698	37 649,759	666 931,281	17,714	17,247	68	73	66 638	1 748,054	13 908,048	7,956	7,489
19	24	98 620	35 659,030	629 281,522	17,647	17,180	69	74	64 196	1 596,202	12 159,994	7,618	7,151
20	25	98 544	33 773,916	593 622,492	17,576	17,109	70	75	61 594	1 451,676	10 563,792	7,277	6,810
21	26	98 463	31 986,937	559 848,576	17,502	17,035	71	76	58 802	1 313,602	9 112,116	6,937	6,470
22	27	98 381	30 294,178	527 861,639	17,425	16,957	72	77	55 830	1 182,209	7 798,514	6,597	6,129
23	28	98 301	28 691,296	497 567,461	17,342	16,875	73	78	52 637	1 056,477	6 616,305	6,263	5,795
24	29	98 221	27 173,504	468 876,165	17,255	16,788	74	79	49 255	937,060	5 559,828	5,933	5,466
25	30	98 137	25 734,897	441 702,661	17,164	16,696	75	80	45 694	823,999	4 622,769	5,610	5,143
26	31	98 052	24 372,119	415 967,764	17,067	16,600	76	81	41 976	717,489	3 798,769	5,295	4,827
27	32	97 960	23 079,899	391 595,645	16,967	16,500	77	82	38 136	617,875	3 081,280	4,987	4,520
28	33	97 864	21 855,263	368 515,745	16,862	16,394	78	83	34 180	524,907	2 463,405	4,693	4,226
29	34	97 768	20 695,562	346 660,482	16,750	16,283	79	84	30 182	439,340	1 938,498	4,412	3,945
30	35	97 666	19 596,070	325 964,920	16,634	16,167	80	85	26 256	362,263	1 499,158	4,138	3,671
31	36	97 559	18 554,225	306 368,850	16,512	16,045	81	86	22 385	292,761	1 136,895	3,883	3,416
32	37	97 442	17 565,712	287 814,625	16,385	15,918	82	87	18 708	231,912	844,134	3,640	3,173
33	38	97 318	16 628,771	270 248,913	16,252	15,785	83	88	15 199	178,591	612,222	3,428	2,961
34	39	97 190	15 741,135	253 620,142	16,112	15,645	84	89	12 092	134,675	433,631	3,220	2,753
35	40	97 043	14 897,967	237 879,007	15,967	15,500	85	90	9 359	98,800	298,956	3,026	2,559
36	41	96 890	14 099,017	222 981,040	15,815	15,348	86	91	7 073	70,773	200,156	2,828	2,361
37	42	96 721	13 340,711	208 882,023	15,657	15,190	87	92	5 113	48,500	129,383	2,668	2,201
38	43	96 534	12 620,785	195 541,311	15,494	15,026	88	93	3 559	31,994	80,883	2,528	2,061
39	44	96 328	11 937,336	182 920,526	15,323	14,856	89	94	2 397	20,424	48,890	2,394	1,927
40	45	96 106	11 288,948	170 983,190	15,146	14,679	90	95	1 551	12,531	28,466	2,272	1,804
41	46	95 845	10 671,382	159 694,242	14,965	14,498	91	96	973	7,450	15,935	2,139	1,672
42	47	95 555	10 084,365	149 022,860	14,778	14,310	92	97	577	4,188	8,484	2,026	1,559
43	48	95 235	9 526,664	138 938,495	14,584	14,117	93	98	323	2,225	4,296	1,931	1,463
44	49	94 876	8 995,948	129 411,831	14,386	13,918	94	99	172	1,124	2,071	1,843	1,376
45	50	94 476	8 491,018	120 415,883	14,182	13,714	95	100	87	0,537	0,947	1,763	1,296
46	51	94 028	8 010,198	111 924,865	13,973	13,506							
47	52	93 535	7 552,832	103 914,667	13,758	13,291							
48	53	92 988	7 117,162	96 361,836	13,539	13,072							
49	54	92 378	6 701,871	89 244,674	13,316	12,849							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 840 837,523	18,482	18,015	50	56	91 395	6 284,886	81 503,168	12,968	12,501
1	7	99 188	94 016,941	1 741 237,129	18,520	18,053	51	57	90 659	5 909,291	75 218,282	12,729	12,262
2	8	99 144	89 076,423	1 647 220,187	18,492	18,025	52	58	89 851	5 551,331	69 308,991	12,485	12,018
3	9	99 119	84 411,133	1 558 143,765	18,459	17,992	53	59	88 971	5 210,383	63 757,660	12,237	11,769
4	10	99 098	79 993,393	1 473 732,631	18,423	17,956	54	60	88 038	4 886,953	58 547,277	11,980	11,513
5	11	99 076	75 806,089	1 393 739,238	18,386	17,918	55	61	86 996	4 577,333	53 660,325	11,723	11,256
6	12	99 056	71 840,092	1 317 933,150	18,345	17,878	56	62	85 904	4 284,276	49 082,992	11,457	10,989
7	13	99 038	68 082,476	1 246 093,057	18,303	17,836	57	63	84 729	4 005,383	44 798,715	11,185	10,717
8	14	99 019	64 520,564	1 178 010,581	18,258	17,791	58	64	83 494	3 741,218	40 793,332	10,904	10,437
9	15	98 997	61 143,483	1 113 490,017	18,211	17,744	59	65	82 160	3 489,529	37 052,114	10,618	10,151
10	16	98 975	57 943,077	1 052 346,534	18,162	17,695	60	66	80 742	3 250,503	33 562,585	10,325	9,858
11	17	98 950	54 908,608	994 403,457	18,110	17,643	61	67	79 229	3 023,320	30 312,081	10,026	9,559
12	18	98 923	52 031,879	939 494,849	18,056	17,589	62	68	77 632	2 807,933	27 288,761	9,718	9,251
13	19	98 891	49 303,387	887 462,970	18,000	17,533	63	69	75 926	2 603,077	24 480,828	9,405	8,937
14	20	98 862	46 718,927	838 159,583	17,940	17,473	64	70	74 107	2 408,260	21 877,752	9,084	8,617
15	21	98 824	44 266,699	791 440,656	17,879	17,412	65	71	72 169	2 223,020	19 469,492	8,758	8,291
16	22	98 783	41 941,508	747 173,957	17,815	17,347	66	72	70 097	2 046,608	17 246,472	8,427	7,960
17	23	98 731	39 734,062	705 232,450	17,749	17,282	67	73	67 861	1 878,054	15 199,864	8,093	7,626
18	24	98 675	37 641,195	665 498,387	17,680	17,213	68	74	65 483	1 717,751	13 321,810	7,755	7,288
19	25	98 598	35 650,923	627 857,192	17,611	17,144	69	75	62 955	1 565,357	11 604,059	7,413	6,946
20	26	98 522	33 766,390	592 206,269	17,538	17,071	70	76	60 222	1 419,331	10 038,702	7,073	6,606
21	27	98 437	31 978,391	558 439,879	17,463	16,996	71	77	57 311	1 280,305	8 619,372	6,732	6,265
22	28	98 356	30 286,358	526 461,488	17,383	16,916	72	78	54 214	1 147,979	7 339,066	6,393	5,926
23	29	98 275	28 683,844	496 175,130	17,298	16,831	73	79	50 886	1 021,340	6 191,087	6,062	5,595
24	30	98 194	27 165,967	467 491,286	17,209	16,742	74	80	47 405	901,872	5 169,747	5,732	5,265
25	31	98 110	25 727,834	440 325,319	17,115	16,648	75	81	43 712	788,260	4 267,874	5,414	4,947
26	32	98 020	24 364,174	414 597,485	17,017	16,549	76	82	39 898	681,976	3 479,615	5,102	4,635
27	33	97 926	23 071,906	390 233,311	16,914	16,447	77	83	35 968	582,738	2 797,638	4,801	4,334
28	34	97 829	21 847,356	367 161,406	16,806	16,339	78	84	31 960	490,810	2 214,900	4,513	4,046
29	35	97 729	20 687,163	345 314,049	16,692	16,225	79	85	27 949	406,835	1 724,090	4,238	3,771
30	36	97 624	19 587,719	324 626,886	16,573	16,106	80	86	24 016	331,364	1 317,255	3,975	3,508
31	37	97 514	18 545,573	305 039,167	16,448	15,981	81	87	20 222	264,466	985,892	3,728	3,261
32	38	97 390	17 556,460	286 493,594	16,318	15,851	82	88	16 563	205,320	721,426	3,514	3,046
33	39	97 260	16 618,967	268 937,134	16,183	15,715	83	89	13 292	156,185	516,105	3,304	2,837
34	40	97 121	15 730,065	252 318,167	16,041	15,573	84	90	10 402	115,852	359,921	3,107	2,640
35	41	96 974	14 887,348	236 588,102	15,892	15,425	85	91	7 972	84,158	244,069	2,900	2,433
36	42	96 809	14 087,301	221 700,754	15,738	15,270	86	92	5 848	58,519	159,911	2,733	2,265
37	43	96 629	13 328,092	207 613,453	15,577	15,110	87	93	4 147	39,334	101,392	2,578	2,111
38	44	96 432	12 607,463	194 285,361	15,410	14,943	88	94	2 822	25,375	62,058	2,446	1,978
39	45	96 219	11 923,837	181 677,898	15,237	14,769	89	95	1 856	15,820	36,683	2,319	1,852
40	46	95 976	11 273,679	169 754,061	15,058	14,590	90	96	1 172	9,468	20,863	2,203	1,736
41	47	95 697	10 654,832	158 480,382	14,874	14,407	91	97	716	5,484	11,395	2,078	1,611
42	48	95 389	10 066,865	147 825,550	14,684	14,217	92	98	413	2,999	5,911	1,971	1,504
43	49	95 059	9 509,012	137 758,685	14,487	14,020	93	99	225	1,548	2,912	1,881	1,414
44	50	94 677	8 977,128	128 249,674	14,286	13,819	94	100	116	0,759	1,364	1,798	1,331
45	51	94 255	8 471,179	119 272,546	14,080	13,613							
46	52	93 794	7 990,246	110 801,367	13,867	13,400							
47	53	93 276	7 531,904	102 811,121	13,650	13,183							
48	54	92 705	7 095,531	95 279,217	13,428	12,961							
49	55	92 083	6 680,518	88 183,686	13,200	12,733							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 839 149,066	18,467	18,000	50	57	91 048	6 261,048	80 391,892	12,840	12,373
1	8	99 180	94 009,087	1 739 556,657	18,504	18,037	51	58	90 285	5 884,907	74 130,844	12,597	12,130
2	9	99 138	89 070,890	1 645 547,570	18,475	18,007	52	59	89 442	5 526,019	68 245,936	12,350	11,883
3	10	99 113	84 405,774	1 556 476,680	18,440	17,973	53	60	88 546	5 185,486	62 719,918	12,095	11,628
4	11	99 090	79 986,949	1 472 070,906	18,404	17,937	54	61	87 557	4 860,231	57 534,432	11,838	11,371
5	12	99 068	75 800,068	1 392 083,957	18,365	17,898	55	62	86 501	4 551,309	52 674,201	11,573	11,106
6	13	99 049	71 834,586	1 316 283,889	18,324	17,857	56	63	85 365	4 257,393	48 122,892	11,303	10,836
7	14	99 028	68 075,779	1 244 449,303	18,280	17,813	57	64	84 164	3 978,673	43 865,498	11,025	10,558
8	15	99 007	64 512,577	1 176 373,524	18,235	17,768	58	65	82 893	3 714,297	39 886,825	10,739	10,272
9	16	98 984	61 135,194	1 111 860,947	18,187	17,720	59	66	81 524	3 462,512	36 172,528	10,447	9,980
10	17	98 959	57 933,762	1 050 725,753	18,137	17,669	60	67	80 078	3 223,785	32 710,017	10,146	9,679
11	18	98 933	54 898,970	992 791,991	18,084	17,617	61	68	78 514	2 996,051	29 486,232	9,842	9,375
12	19	98 902	52 020,513	937 893,021	18,029	17,562	62	69	76 871	2 780,429	26 490,181	9,527	9,060
13	20	98 870	49 292,784	885 872,509	17,972	17,504	63	70	75 094	2 574,527	23 709,752	9,209	8,742
14	21	98 841	46 709,070	836 579,725	17,910	17,443	64	71	73 222	2 379,486	21 135,225	8,882	8,415
15	22	98 803	44 257,130	789 870,655	17,847	17,380	65	72	71 206	2 193,358	18 755,740	8,551	8,084
16	23	98 761	41 931,870	745 613,524	17,782	17,314	66	73	69 012	2 014,937	16 562,381	8,220	7,753
17	24	98 709	39 725,025	703 681,654	17,714	17,247	67	74	66 685	1 845,497	14 547,445	7,883	7,415
18	25	98 653	37 632,637	663 956,630	17,643	17,176	68	75	64 217	1 684,557	12 701,948	7,540	7,073
19	26	98 576	35 642,978	626 323,993	17,572	17,105	69	76	61 553	1 530,479	11 017,391	7,199	6,731
20	27	98 496	33 757,369	590 681,014	17,498	17,031	70	77	58 696	1 383,354	9 486,912	6,858	6,391
21	28	98 412	31 970,137	556 923,645	17,420	16,953	71	78	55 652	1 243,235	8 103,558	6,518	6,051
22	29	98 331	30 278,492	524 953,509	17,338	16,870	72	79	52 411	1 109,799	6 860,323	6,182	5,714
23	30	98 248	28 675,888	494 675,017	17,251	16,783	73	80	48 975	982,988	5 750,524	5,850	5,383
24	31	98 167	27 158,511	465 999,128	17,158	16,691	74	81	45 349	862,755	4 767,535	5,526	5,059
25	32	98 078	25 719,446	438 840,617	17,063	16,595	75	82	41 549	749,244	3 904,780	5,212	4,744
26	33	97 986	24 355,735	413 121,171	16,962	16,495	76	83	37 630	643,194	3 155,536	4,906	4,439
27	34	97 891	23 063,559	388 765,436	16,856	16,389	77	84	33 631	544,884	2 512,342	4,611	4,144
28	35	97 789	21 838,490	365 701,877	16,746	16,279	78	85	29 595	454,497	1 967,458	4,329	3,862
29	36	97 687	20 678,347	343 863,387	16,629	16,162	79	86	25 565	372,134	1 512,961	4,066	3,598
30	37	97 579	19 578,585	323 185,040	16,507	16,040	80	87	21 695	299,338	1 140,827	3,811	3,344
31	38	97 463	18 535,805	303 606,455	16,379	15,912	81	88	17 903	234,142	841,489	3,594	3,127
32	39	97 333	17 546,109	285 070,650	16,247	15,780	82	89	14 485	179,560	607,347	3,382	2,915
33	40	97 192	16 607,280	267 524,540	16,109	15,642	83	90	11 434	134,355	427,787	3,184	2,717
34	41	97 052	15 718,853	250 917,261	15,963	15,496	84	91	8 860	98,683	293,432	2,973	2,506
35	42	96 893	14 874,977	235 198,408	15,812	15,344	85	92	6 592	69,587	194,749	2,799	2,331
36	43	96 718	14 073,975	220 323,431	15,655	15,187	86	93	4 743	47,460	125,162	2,637	2,170
37	44	96 527	13 314,023	206 249,456	15,491	15,024	87	94	3 289	31,196	77,703	2,491	2,024
38	45	96 323	12 593,206	192 935,432	15,321	14,853	88	95	2 186	19,655	46,506	2,366	1,899
39	46	96 089	11 907,709	180 342,226	15,145	14,678	89	96	1 403	11,953	26,851	2,246	1,779
40	47	95 827	11 256,194	168 434,517	14,964	14,497	90	97	863	6,969	14,898	2,138	1,671
41	48	95 531	10 636,341	157 178,323	14,777	14,310	91	98	513	3,926	7,929	2,019	1,552
42	49	95 212	10 048,211	146 541,981	14,584	14,117	92	99	287	2,086	4,002	1,918	1,451
43	50	94 860	9 489,118	136 493,770	14,384	13,917	93	100	152	1,045	1,916	1,833	1,366
44	51	94 456	8 956,153	127 004,652	14,181	13,714							
45	52	94 020	8 450,079	118 048,499	13,970	13,503							
46	53	93 534	7 968,106	109 598,420	13,755	13,287							
47	54	92 993	7 509,013	101 630,314	13,534	13,067							
48	55	92 410	7 072,924	94 121,301	13,307	12,840							
49	56	91 752	6 656,484	87 048,377	13,077	12,610							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 837 336,309	18,450	17,983	50	58	90 672	6 235,214	79 205,595	12,703	12,236
1	9	99 173	94 003,248	1 737 752,221	18,486	18,019	51	59	89 873	5 858,074	72 970,381	12,456	11,989
2	10	99 132	89 065,235	1 643 748,973	18,456	17,988	52	60	89 014	5 499,613	67 112,307	12,203	11,736
3	11	99 105	84 398,975	1 554 683,737	18,421	17,953	53	61	88 062	5 157,132	61 612,694	11,947	11,480
4	12	99 082	79 980,596	1 470 284,763	18,383	17,916	54	62	87 059	4 832,599	56 455,561	11,682	11,215
5	13	99 060	75 794,258	1 390 304,166	18,343	17,876	55	63	85 958	4 522,750	51 622,962	11,414	10,947
6	14	99 039	71 827,519	1 314 509,909	18,301	17,834	56	64	84 796	4 229,002	47 100,212	11,137	10,670
7	15	99 016	68 067,352	1 242 682,390	18,257	17,789	57	65	83 559	3 950,043	42 871,210	10,853	10,386
8	16	98 993	64 503,831	1 174 615,038	18,210	17,743	58	66	82 251	3 685,539	38 921,167	10,561	10,093
9	17	98 968	61 125,366	1 110 111,207	18,161	17,694	59	67	80 854	3 434,051	35 235,627	10,261	9,793
10	18	98 942	57 923,592	1 048 985,841	18,110	17,643	60	68	79 356	3 194,708	31 801,577	9,954	9,487
11	19	98 911	54 886,978	991 062,248	18,056	17,589	61	69	77 745	2 966,704	28 606,869	9,643	9,175
12	20	98 881	52 009,326	936 175,271	18,000	17,533	62	70	76 028	2 749,934	25 640,165	9,324	8,857
13	21	98 849	49 282,384	884 165,945	17,941	17,474	63	71	74 196	2 543,766	22 890,231	8,999	8,531
14	22	98 819	46 698,974	834 883,561	17,878	17,411	64	72	72 245	2 347,736	20 346,465	8,666	8,199
15	23	98 780	44 246,960	788 184,587	17,813	17,346	65	73	70 105	2 159,415	17 998,729	8,335	7,868
16	24	98 738	41 922,332	743 937,627	17,746	17,278	66	74	67 816	1 980,007	15 839,313	8,000	7,532
17	25	98 686	39 715,993	702 015,295	17,676	17,209	67	75	65 396	1 809,835	13 859,306	7,658	7,191
18	26	98 631	37 624,251	662 299,302	17,603	17,136	68	76	62 787	1 647,023	12 049,472	7,316	6,849
19	27	98 550	35 633,456	624 675,051	17,531	17,063	69	77	59 992	1 491,685	10 402,449	6,974	6,506
20	28	98 470	33 748,655	589 041,595	17,454	16,987	70	78	56 996	1 343,300	8 910,764	6,633	6,166
21	29	98 386	31 961,833	555 292,939	17,374	16,906	71	79	53 801	1 201,888	7 567,464	6,296	5,829
22	30	98 303	30 270,094	523 331,107	17,289	16,822	72	80	50 443	1 068,126	6 365,577	5,960	5,492
23	31	98 221	28 668,018	493 061,013	17,199	16,732	73	81	46 851	940,353	5 297,451	5,633	5,166
24	32	98 135	27 149,657	464 392,994	17,105	16,638	74	82	43 105	820,053	4 357,098	5,313	4,846
25	33	98 044	25 710,538	437 243,337	17,006	16,539	75	83	39 186	706,636	3 537,045	5,005	4,538
26	34	97 951	24 346,923	411 532,799	16,903	16,436	76	84	35 185	601,412	2 830,409	4,706	4,239
27	35	97 851	23 054,199	387 185,876	16,795	16,327	77	85	31 143	504,570	2 228,997	4,418	3,950
28	36	97 748	21 829,184	364 131,677	16,681	16,214	78	86	27 071	415,730	1 724,426	4,148	3,681
29	37	97 642	20 668,705	342 302,493	16,561	16,094	79	87	23 094	336,168	1 308,696	3,893	3,426
30	38	97 527	19 568,273	321 633,788	16,436	15,969	80	88	19 207	265,015	972,528	3,670	3,203
31	39	97 405	18 524,877	302 065,515	16,306	15,839	81	89	15 657	204,766	707,513	3,455	2,988
32	40	97 264	17 533,770	283 540,639	16,171	15,704	82	90	12 460	154,463	502,747	3,255	2,788
33	41	97 123	16 595,442	266 006,869	16,029	15,562	83	91	9 740	114,444	348,283	3,043	2,576
34	42	96 971	15 705,791	249 411,427	15,880	15,413	84	92	7 326	81,596	233,839	2,866	2,399
35	43	96 801	14 860,906	233 705,636	15,726	15,259	85	93	5 346	56,436	152,243	2,698	2,230
36	44	96 615	14 059,120	218 844,730	15,566	15,099	86	94	3 762	37,641	95,807	2,545	2,078
37	45	96 418	13 298,968	204 785,610	15,399	14,931	87	95	2 548	24,165	58,166	2,407	1,940
38	46	96 193	12 576,173	191 486,643	15,226	14,759	88	96	1 652	14,851	34,001	2,289	1,822
39	47	95 940	11 889,241	178 910,470	15,048	14,581	89	97	1 032	8,798	19,150	2,177	1,710
40	48	95 661	11 236,660	167 021,228	14,864	14,397	90	98	618	4,990	10,352	2,075	1,607
41	49	95 354	10 616,633	155 784,568	14,674	14,206	91	99	357	2,732	5,362	1,963	1,496
42	50	95 013	10 027,190	145 167,935	14,477	14,010	92	100	194	1,409	2,631	1,868	1,400
43	51	94 638	9 466,947	135 140,746	14,275	13,808							
44	52	94 221	8 933,845	125 673,799	14,067	13,600							
45	53	93 760	8 426,665	116 739,954	13,854	13,386							
46	54	93 249	7 943,890	108 313,289	13,635	13,168							
47	55	92 696	7 485,088	100 369,399	13,409	12,942							
48	56	92 077	7 047,479	92 884,311	13,180	12,713							
49	57	91 404	6 631,237	85 836,832	12,944	12,477							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 835 392,231	18,432	17,965	50	59	90 259	6 206,783	77 941,778	12,558	12,090
1	10	99 167	93 997,280	1 735 814,328	18,467	17,999	51	60	89 444	5 830,082	71 734,994	12,304	11,837
2	11	99 124	89 058,060	1 641 817,048	18,435	17,968	52	61	88 528	5 469,542	65 904,912	12,049	11,582
3	12	99 097	84 392,272	1 552 758,988	18,399	17,932	53	62	87 561	5 127,812	60 435,370	11,786	11,319
4	13	99 074	79 974,466	1 468 366,716	18,360	17,893	54	63	86 513	4 802,275	55 307,558	11,517	11,050
5	14	99 050	75 786,802	1 388 392,250	18,320	17,853	55	64	85 385	4 492,590	50 505,283	11,242	10,775
6	15	99 027	71 818,627	1 312 605,449	18,277	17,809	56	65	84 186	4 198,571	46 012,693	10,959	10,492
7	16	99 003	68 058,124	1 240 786,822	18,231	17,764	57	66	82 912	3 919,460	41 814,122	10,668	10,201
8	17	98 977	64 493,462	1 172 728,697	18,184	17,716	58	67	81 575	3 655,245	37 894,662	10,367	9,900
9	18	98 950	61 114,636	1 108 235,236	18,134	17,667	59	68	80 125	3 403,077	34 239,417	10,061	9,594
10	19	98 920	57 910,940	1 047 120,599	18,082	17,614	60	69	78 579	3 163,415	30 836,340	9,748	9,281
11	20	98 890	54 875,174	989 209,660	18,027	17,559	61	70	76 893	2 934,166	27 672,925	9,431	8,964
12	21	98 860	51 998,352	934 334,486	17,969	17,501	62	71	75 120	2 717,077	24 738,759	9,105	8,638
13	22	98 828	49 271,731	882 336,134	17,908	17,440	63	72	73 206	2 509,825	22 021,682	8,774	8,307
14	23	98 797	46 688,243	833 064,402	17,843	17,376	64	73	71 127	2 311,404	19 511,857	8,442	7,974
15	24	98 758	44 236,896	786 376,159	17,776	17,309	65	74	68 889	2 121,981	17 200,452	8,106	7,639
16	25	98 716	41 912,801	742 139,263	17,707	17,240	66	75	66 505	1 941,745	15 078,471	7,765	7,298
17	26	98 664	39 707,143	700 226,462	17,635	17,168	67	76	63 939	1 769,509	13 136,726	7,424	6,957
18	27	98 604	37 614,199	660 519,320	17,560	17,093	68	77	61 195	1 605,275	11 367,217	7,081	6,614
19	28	98 524	35 624,258	622 905,120	17,485	17,018	69	78	58 255	1 448,494	9 761,942	6,739	6,272
20	29	98 445	33 739,890	587 280,862	17,406	16,939	70	79	55 101	1 298,624	8 313,448	6,402	5,935
21	30	98 359	31 952,968	553 540,973	17,324	16,856	71	80	51 781	1 156,756	7 014,824	6,064	5,597
22	31	98 276	30 261,786	521 588,005	17,236	16,769	72	81	48 255	1 021,798	5 858,068	5,733	5,266
23	32	98 189	28 658,672	491 326,218	17,144	16,677	73	82	44 532	893,809	4 836,270	5,411	4,944
24	33	98 101	27 140,254	462 667,546	17,047	16,580	74	83	40 653	773,418	3 942,461	5,097	4,630
25	34	98 009	25 701,236	435 527,293	16,946	16,479	75	84	36 640	660,734	3 169,043	4,796	4,329
26	35	97 911	24 337,043	409 826,056	16,840	16,372	76	85	32 582	556,916	2 508,309	4,504	4,037
27	36	97 810	23 044,374	385 489,013	16,728	16,261	77	86	28 487	461,533	1 951,392	4,228	3,761
28	37	97 702	21 819,004	362 444,639	16,611	16,144	78	87	24 455	375,551	1 489,860	3,967	3,500
29	38	97 590	20 657,818	340 625,635	16,489	16,022	79	88	20 446	297,622	1 114,309	3,744	3,277
30	39	97 470	19 556,736	319 967,816	16,361	15,894	80	89	16 798	231,766	816,687	3,524	3,057
31	40	97 337	18 511,849	300 411,080	16,228	15,761	81	90	13 469	176,146	584,921	3,321	2,853
32	41	97 195	17 521,272	281 899,231	16,089	15,622	82	91	10 614	131,573	408,775	3,107	2,640
33	42	97 042	16 581,652	264 377,959	15,944	15,477	83	92	8 053	94,629	277,202	2,929	2,462
34	43	96 880	15 690,934	247 796,308	15,792	15,325	84	93	5 942	66,176	182,573	2,759	2,292
35	44	96 699	14 845,220	232 105,374	15,635	15,168	85	94	4 240	44,760	116,397	2,600	2,133
36	45	96 506	14 043,221	217 260,154	15,471	15,004	86	95	2 914	29,157	71,637	2,457	1,990
37	46	96 288	13 280,980	203 216,933	15,301	14,834	87	96	1 925	18,258	42,480	2,327	1,859
38	47	96 043	12 556,669	189 935,953	15,126	14,659	88	97	1 216	10,930	24,222	2,216	1,749
39	48	95 774	11 868,609	177 379,284	14,945	14,478	89	98	739	6,300	13,292	2,110	1,643
40	49	95 484	11 215,839	165 510,676	14,757	14,290	90	99	430	3,472	6,992	2,014	1,547
41	50	95 154	10 594,422	154 294,837	14,564	14,097	91	100	241	1,844	3,521	1,909	1,442
42	51	94 791	10 003,761	143 700,415	14,365	13,897							
43	52	94 402	9 443,367	133 696,653	14,158	13,691							
44	53	93 960	8 909,091	124 253,286	13,947	13,480							
45	54	93 475	8 401,055	115 344,195	13,730	13,263							
46	55	92 952	7 918,579	106 943,141	13,505	13,038							
47	56	92 363	7 458,160	99 024,561	13,277	12,810							
48	57	91 728	7 020,748	91 566,401	13,042	12,575							
49	58	91 027	6 603,875	84 545,653	12,802	12,335							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 833 306,967	18,412	17,945	50	60	89 828	6 177,125	76 598,604	12,400	11,933
1	11	99 159	93 989,708	1 733 735,385	18,446	17,979	51	61	88 955	5 798,204	70 421,479	12,145	11,678
2	12	99 116	89 050,987	1 639 745,678	18,414	17,946	52	62	88 024	5 438,445	64 623,275	11,883	11,415
3	13	99 089	84 385,803	1 550 694,690	18,376	17,909	53	63	87 012	5 095,636	59 184,829	11,615	11,148
4	14	99 065	79 966,598	1 466 308,888	18,337	17,869	54	64	85 936	4 770,251	54 089,194	11,339	10,872
5	15	99 038	75 777,420	1 386 342,289	18,295	17,828	55	65	84 771	4 460,262	49 318,943	11,057	10,590
6	16	99 013	71 808,891	1 310 564,870	18,251	17,784	56	66	83 534	4 166,064	44 858,681	10,768	10,300
7	17	98 987	68 047,183	1 238 755,978	18,204	17,737	57	67	82 230	3 887,243	40 692,617	10,468	10,001
8	18	98 960	64 482,141	1 170 708,795	18,156	17,688	58	68	80 840	3 622,276	36 805,374	10,161	9,694
9	19	98 929	61 101,286	1 106 226,655	18,105	17,638	59	69	79 340	3 369,743	33 183,098	9,847	9,380
10	20	98 899	57 898,486	1 045 125,368	18,051	17,584	60	70	77 717	3 128,720	29 813,355	9,529	9,062
11	21	98 869	54 863,596	987 226,883	17,994	17,527	61	71	75 974	2 899,108	26 684,635	9,204	8,737
12	22	98 838	51 987,113	932 363,287	17,935	17,467	62	72	74 117	2 680,823	23 785,526	8,872	8,405
13	23	98 805	49 260,409	880 376,174	17,872	17,405	63	73	72 073	2 470,985	21 104,703	8,541	8,074
14	24	98 774	46 677,623	831 115,765	17,805	17,338	64	74	69 894	2 271,335	18 633,719	8,204	7,737
15	25	98 735	44 226,839	784 438,141	17,737	17,270	65	75	67 558	2 080,976	16 362,383	7,863	7,396
16	26	98 694	41 903,461	740 211,303	17,665	17,197	66	76	65 023	1 898,481	14 281,407	7,523	7,055
17	27	98 638	39 696,535	698 307,842	17,591	17,124	67	77	62 319	1 724,657	12 382,927	7,180	6,713
18	28	98 579	37 604,490	658 611,307	17,514	17,047	68	78	59 423	1 558,795	10 658,270	6,838	6,370
19	29	98 499	35 615,005	621 006,817	17,437	16,969	69	79	56 318	1 400,320	9 099,475	6,498	6,031
20	30	98 418	33 730,532	585 391,812	17,355	16,888	70	80	53 031	1 249,860	7 699,155	6,160	5,693
21	31	98 332	31 944,199	551 661,280	17,270	16,802	71	81	49 535	1 106,584	6 449,295	5,828	5,361
22	32	98 244	30 251,920	519 717,082	17,180	16,712	72	82	45 867	971,223	5 342,711	5,501	5,034
23	33	98 155	28 648,746	489 465,161	17,085	16,618	73	83	42 000	842,980	4 371,488	5,186	4,719
24	34	98 065	27 130,435	460 816,415	16,985	16,518	74	84	38 013	723,177	3 528,508	4,879	4,412
25	35	97 969	25 690,806	433 685,980	16,881	16,414	75	85	33 930	611,849	2 805,330	4,585	4,118
26	36	97 869	24 326,672	407 995,174	16,772	16,304	76	86	29 803	509,414	2 193,481	4,306	3,839
27	37	97 764	23 033,628	383 668,503	16,657	16,190	77	87	25 733	416,926	1 684,067	4,039	3,572
28	38	97 651	21 807,512	360 634,874	16,537	16,070	78	88	21 651	332,489	1 267,141	3,811	3,344
29	39	97 533	20 645,639	338 827,362	16,412	15,944	79	89	17 881	260,282	934,652	3,591	3,124
30	40	97 401	19 542,983	318 181,723	16,281	15,814	80	90	14 450	199,372	674,370	3,382	2,915
31	41	97 267	18 498,654	298 638,740	16,144	15,677	81	91	11 473	150,042	474,997	3,166	2,699
32	42	97 114	17 506,712	280 140,086	16,002	15,535	82	92	8 776	108,791	324,956	2,987	2,520
33	43	96 950	16 565,966	262 633,374	15,854	15,387	83	93	6 531	76,746	216,164	2,817	2,349
34	44	96 777	15 674,371	246 067,408	15,699	15,232	84	94	4 712	52,485	139,419	2,656	2,189
35	45	96 590	14 828,433	230 393,037	15,537	15,070	85	95	3 284	34,672	86,933	2,507	2,040
36	46	96 376	14 024,227	215 564,604	15,371	14,904	86	96	2 202	22,030	52,262	2,372	1,905
37	47	96 138	13 260,382	201 540,377	15,199	14,731	87	97	1 417	13,438	30,232	2,250	1,783
38	48	95 877	12 534,878	188 279,995	15,020	14,553	88	98	871	7,827	16,794	2,146	1,679
39	49	95 596	11 846,616	175 745,118	14,835	14,368	89	99	514	4,383	8,967	2,046	1,579
40	50	95 284	11 192,375	163 898,501	14,644	14,177	90	100	290	2,344	4,584	1,956	1,489
41	51	94 932	10 569,669	152 706,127	14,448	13,980							
42	52	94 555	9 978,844	142 136,458	14,244	13,777							
43	53	94 141	9 417,201	132 157,614	14,034	13,566							
44	54	93 674	8 882,014	122 740,413	13,819	13,352							
45	55	93 177	8 374,288	113 858,398	13,596	13,129							
46	56	92 618	7 890,092	105 484,111	13,369	12,902							
47	57	92 013	7 429,872	97 594,019	13,135	12,668							
48	58	91 349	6 991,779	90 164,146	12,896	12,429							
49	59	90 612	6 573,763	83 172,367	12,652	12,185							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 831 072,656	18,391	17,924	50	61	89 336	6 143,349	75 172,851	12,236	11,769
1	12	99 151	93 982,243	1 731 509,096	18,424	17,957	51	62	88 449	5 765,239	69 029,502	11,973	11,506
2	13	99 108	89 044,161	1 637 526,853	18,390	17,923	52	63	87 472	5 404,320	63 264,263	11,706	11,239
3	14	99 080	84 377,501	1 548 482,692	18,352	17,885	53	64	86 432	5 061,655	57 859,943	11,431	10,964
4	15	99 052	79 956,699	1 464 105,191	18,311	17,844	54	65	85 317	4 735,925	52 798,288	11,148	10,681
5	16	99 025	75 767,147	1 384 148,492	18,268	17,801	55	66	84 114	4 425,729	48 062,364	10,860	10,393
6	17	98 997	71 797,347	1 308 381,344	18,223	17,756	56	67	82 847	4 131,820	43 636,635	10,561	10,094
7	18	98 969	68 035,238	1 236 583,997	18,176	17,708	57	68	81 489	3 852,182	39 504,815	10,255	9,788
8	19	98 938	64 468,055	1 168 548,759	18,126	17,659	58	69	80 048	3 586,795	35 652,633	9,940	9,473
9	20	98 907	61 088,146	1 104 080,704	18,074	17,606	59	70	78 470	3 332,785	32 065,838	9,621	9,154
10	21	98 878	57 886,270	1 042 992,557	18,018	17,551	60	71	76 788	3 091,337	28 733,053	9,295	8,828
11	22	98 848	54 851,737	985 106,288	17,959	17,492	61	72	74 960	2 860,426	25 641,716	8,964	8,497
12	23	98 816	51 975,167	930 254,550	17,898	17,431	62	73	72 971	2 639,337	22 781,290	8,631	8,164
13	24	98 783	49 249,204	878 279,384	17,833	17,366	63	74	70 824	2 428,149	20 141,953	8,295	7,828
14	25	98 752	46 667,011	829 030,179	17,765	17,298	64	75	68 543	2 227,444	17 713,804	7,953	7,485
15	26	98 713	44 216,983	782 363,168	17,694	17,227	65	76	66 053	2 034,609	15 486,360	7,611	7,144
16	27	98 667	41 892,266	738 146,185	17,620	17,153	66	77	63 375	1 850,359	13 451,751	7,270	6,803
17	28	98 613	39 686,288	696 253,919	17,544	17,077	67	78	60 514	1 674,720	11 601,392	6,927	6,460
18	29	98 553	37 594,723	656 567,631	17,464	16,997	68	79	57 447	1 506,952	9 926,672	6,587	6,120
19	30	98 471	35 605,127	618 972,909	17,384	16,917	69	80	54 203	1 347,737	8 419,719	6,247	5,780
20	31	98 391	33 721,275	583 367,782	17,300	16,833	70	81	50 731	1 195,650	7 071,982	5,915	5,448
21	32	98 300	31 933,784	549 646,507	17,212	16,745	71	82	47 083	1 051,812	5 876,332	5,587	5,120
22	33	98 210	30 241,443	517 712,723	17,119	16,652	72	83	43 258	915,992	4 824,520	5,267	4,800
23	34	98 119	28 638,381	487 471,280	17,022	16,554	73	84	39 272	788,221	3 908,528	4,959	4,491
24	35	98 026	27 119,425	458 832,899	16,919	16,452	74	85	35 200	669,673	3 120,307	4,659	4,192
25	36	97 927	25 679,858	431 713,474	16,811	16,344	75	86	31 036	559,661	2 450,634	4,379	3,912
26	37	97 824	24 315,328	406 033,616	16,699	16,231	76	87	26 922	460,180	1 890,973	4,109	3,642
27	38	97 712	23 021,497	381 718,289	16,581	16,114	77	88	22 783	369,121	1 430,794	3,876	3,409
28	39	97 593	21 794,655	358 696,792	16,458	15,991	78	89	18 934	290,775	1 061,673	3,651	3,184
29	40	97 464	20 631,120	336 902,137	16,330	15,863	79	90	15 382	223,903	770,898	3,443	2,976
30	41	97 332	19 529,053	316 271,017	16,195	15,728	80	91	12 308	169,826	546,995	3,221	2,754
31	42	97 186	18 483,282	296 741,964	16,055	15,587	81	92	9 486	124,063	377,169	3,040	2,573
32	43	97 022	17 490,152	278 258,683	15,909	15,442	82	93	7 117	88,232	253,106	2,869	2,401
33	44	96 848	16 548,480	260 768,531	15,758	15,291	83	94	5 180	60,868	164,875	2,709	2,242
34	45	96 668	15 656,646	244 220,051	15,598	15,131	84	95	3 650	40,656	104,006	2,558	2,091
35	46	96 459	14 808,376	228 563,405	15,435	14,968	85	96	2 481	26,196	63,351	2,418	1,951
36	47	96 226	14 002,476	213 755,029	15,266	14,798	86	97	1 620	16,214	37,155	2,291	1,824
37	48	95 972	13 237,370	199 752,552	15,090	14,623	87	98	1 014	9,622	20,940	2,176	1,709
38	49	95 699	12 511,651	186 515,182	14,907	14,440	88	99	606	5,445	11,318	2,079	1,611
39	50	95 396	11 821,832	174 003,531	14,719	14,252	89	100	347	2,959	5,873	1,985	1,518
40	51	95 062	11 166,224	162 181,699	14,524	14,057							
41	52	94 695	10 543,342	151 015,475	14,323	13,856							
42	53	94 293	9 951,194	140 472,133	14,116	13,649							
43	54	93 855	9 388,580	130 520,939	13,902	13,435							
44	55	93 376	8 853,715	121 132,358	13,682	13,214							
45	56	92 842	8 344,161	112 278,643	13,456	12,989							
46	57	92 267	7 860,166	103 934,482	13,223	12,756							
47	58	91 633	7 399,215	96 074,316	12,984	12,517							
48	59	90 933	6 959,899	88 675,102	12,741	12,274							
49	60	90 179	6 542,352	81 715,203	12,490	12,023							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 828 682,810	18,368	17,901	50	62	88 828	6 108,421	73 664,329	12,059	11,592
1	13	99 144	93 975,039	1 729 127,157	18,400	17,933	51	63	87 894	5 729,063	67 555,907	11,792	11,325
2	14	99 099	89 035,402	1 635 152,118	18,365	17,898	52	64	86 889	5 368,281	61 826,844	11,517	11,050
3	15	99 067	84 367,056	1 546 116,717	18,326	17,859	53	65	85 810	5 025,232	56 458,563	11,235	10,768
4	16	99 039	79 945,860	1 461 749,661	18,284	17,817	54	66	84 657	4 699,257	51 433,331	10,945	10,478
5	17	99 009	75 754,967	1 381 803,801	18,240	17,773	55	67	83 423	4 389,350	46 734,074	10,647	10,180
6	18	98 980	71 784,744	1 306 048,834	18,194	17,727	56	68	82 100	4 094,553	42 344,724	10,342	9,875
7	19	98 948	68 020,377	1 234 264,090	18,146	17,678	57	69	80 690	3 814,449	38 250,171	10,028	9,561
8	20	98 917	64 454,191	1 166 243,713	18,094	17,627	58	70	79 170	3 547,457	34 435,722	9,707	9,240
9	21	98 887	61 075,257	1 101 789,522	18,040	17,573	59	71	77 532	3 292,964	30 888,266	9,380	8,913
10	22	98 857	57 873,758	1 040 714,265	17,982	17,515	60	72	75 764	3 050,090	27 595,302	9,047	8,580
11	23	98 825	54 839,133	982 840,507	17,922	17,455	61	73	73 800	2 816,160	24 545,212	8,716	8,249
12	24	98 793	51 963,344	928 001,374	17,859	17,392	62	74	71 706	2 593,583	21 729,052	8,378	7,911
13	25	98 760	49 238,008	876 038,030	17,792	17,325	63	75	69 455	2 381,227	19 135,469	8,036	7,569
14	26	98 730	46 656,612	826 800,022	17,721	17,254	64	76	67 016	2 177,814	16 754,242	7,693	7,226
15	27	98 687	44 205,170	780 143,411	17,648	17,181	65	77	64 378	1 983,037	14 576,428	7,351	6,883
16	28	98 642	41 881,452	735 938,240	17,572	17,105	66	78	61 540	1 796,783	12 593,391	7,009	6,542
17	29	98 587	39 675,980	694 056,788	17,493	17,026	67	79	58 502	1 619,022	10 796,608	6,669	6,201
18	30	98 526	37 584,296	654 380,808	17,411	16,944	68	80	55 290	1 450,365	9 177,586	6,328	5,861
19	31	98 444	35 595,355	616 796,513	17,328	16,861	69	81	51 852	1 289,281	7 727,220	5,993	5,526
20	32	98 358	33 710,281	581 201,157	17,241	16,774	70	82	48 220	1 136,470	6 437,939	5,665	5,198
21	33	98 266	31 922,724	547 490,877	17,151	16,683	71	83	44 405	991,998	5 301,469	5,344	4,877
22	34	98 175	30 230,502	515 568,153	17,055	16,587	72	84	40 448	856,490	4 309,471	5,032	4,564
23	35	98 080	28 626,759	485 337,651	16,954	16,487	73	85	36 366	729,904	3 452,981	4,731	4,264
24	36	97 984	27 107,868	456 710,892	16,848	16,381	74	86	32 198	612,553	2 723,077	4,445	3,978
25	37	97 882	25 667,883	429 603,024	16,737	16,270	75	87	28 036	505,571	2 110,524	4,175	3,707
26	38	97 772	24 302,521	403 935,141	16,621	16,154	76	88	23 835	407,415	1 604,954	3,939	3,472
27	39	97 655	23 007,924	379 632,620	16,500	16,033	77	89	19 924	322,810	1 197,539	3,710	3,243
28	40	97 524	21 779,328	356 624,697	16,374	15,907	78	90	16 288	250,133	874,729	3,497	3,030
29	41	97 395	20 616,414	334 845,369	16,242	15,775	79	91	13 102	190,721	624,595	3,275	2,808
30	42	97 251	19 512,824	314 228,955	16,104	15,637	80	92	10 177	140,422	433,874	3,090	2,623
31	43	97 094	18 465,797	294 716,130	15,960	15,493	81	93	7 693	100,617	293,453	2,917	2,449
32	44	96 920	17 471,690	276 250,333	15,811	15,344	82	94	5 645	69,978	192,835	2,756	2,288
33	45	96 738	16 529,767	258 778,643	15,655	15,188	83	95	4 013	47,149	122,857	2,606	2,139
34	46	96 537	15 635,470	242 248,876	15,494	15,026	84	96	2 758	30,717	75,708	2,465	1,997
35	47	96 310	14 785,410	226 613,406	15,327	14,860	85	97	1 826	19,281	44,991	2,333	1,866
36	48	96 059	13 978,176	211 827,997	15,154	14,687	86	98	1 160	11,610	25,710	2,214	1,747
37	49	95 794	13 212,842	197 849,821	14,974	14,507	87	99	706	6,694	14,100	2,106	1,639
38	50	95 499	12 485,476	184 636,979	14,788	14,321	88	100	409	3,676	7,406	2,015	1,547
39	51	95 173	11 794,211	172 151,503	14,596	14,129							
40	52	94 825	11 138,411	160 357,292	14,397	13,930							
41	53	94 433	10 514,128	149 218,881	14,192	13,725							
42	54	94 006	9 920,951	138 704,753	13,981	13,514							
43	55	93 556	9 358,667	128 783,802	13,761	13,294							
44	56	93 040	8 821,863	119 425,135	13,537	13,070							
45	57	92 490	8 312,512	110 603,271	13,306	12,838							
46	58	91 886	7 827,733	102 290,759	13,068	12,601							
47	59	91 215	7 365,477	94 463,026	12,825	12,358							
48	60	90 498	6 926,642	87 097,550	12,574	12,107							
49	61	89 686	6 506,579	80 170,908	12,322	11,854							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 826 128,806	18,344	17,877	50	63	88 271	6 070,092	72 069,846	11,873	11,406
1	14	99 134	93 965,794	1 726 580,785	18,375	17,907	51	64	87 308	5 690,858	65 999,753	11,598	11,130
2	15	99 086	89 024,380	1 632 614,991	18,339	17,872	52	65	86 263	5 329,652	60 308,895	11,316	10,849
3	16	99 054	84 355,619	1 543 590,611	18,299	17,831	53	66	85 145	4 986,325	54 979,244	11,026	10,559
4	17	99 023	79 933,008	1 459 234,992	18,256	17,789	54	67	83 961	4 660,630	49 992,919	10,727	10,259
5	18	98 991	75 741,669	1 379 301,984	18,211	17,743	55	68	82 670	4 349,760	45 332,289	10,422	9,955
6	19	98 958	71 769,064	1 303 560,315	18,163	17,696	56	69	81 296	4 054,446	40 982,529	10,108	9,641
7	20	98 927	68 005,749	1 231 791,252	18,113	17,646	57	70	79 805	3 772,613	36 928,083	9,788	9,321
8	21	98 896	64 440,592	1 163 785,503	18,060	17,593	58	71	78 224	3 505,071	33 155,470	9,459	8,992
9	22	98 865	61 062,056	1 099 344,911	18,004	17,537	59	72	76 498	3 249,026	29 600,399	9,126	8,659
10	23	98 834	57 860,459	1 038 282,855	17,945	17,477	60	73	74 591	3 002,889	26 401,373	8,792	8,325
11	24	98 803	54 826,659	980 422,396	17,882	17,415	61	74	72 521	2 767,341	23 398,484	8,455	7,988
12	25	98 771	51 951,530	925 595,737	17,817	17,349	62	75	70 320	2 543,464	20 631,143	8,111	7,644
13	26	98 738	49 227,035	873 644,207	17,747	17,280	63	76	67 908	2 328,171	18 087,678	7,769	7,302
14	27	98 703	46 644,147	824 417,172	17,675	17,207	64	77	65 317	2 122,611	15 759,507	7,425	6,957
15	28	98 662	44 193,759	777 773,025	17,599	17,132	65	78	62 514	1 925,619	13 636,896	7,082	6,615
16	29	98 616	41 870,574	733 579,265	17,520	17,053	66	79	59 493	1 737,025	11 711,277	6,742	6,275
17	30	98 560	39 664,975	691 708,691	17,439	16,972	67	80	56 305	1 558,227	9 974,252	6,401	5,934
18	31	98 499	37 573,981	652 043,716	17,354	16,886	68	81	52 892	1 387,458	8 416,025	6,066	5,599
19	32	98 412	35 583,750	614 469,735	17,268	16,801	69	82	49 286	1 225,467	7 028,566	5,735	5,268
20	33	98 324	33 698,605	578 885,984	17,178	16,711	70	83	45 478	1 071,842	5 803,099	5,414	4,947
21	34	98 230	31 911,175	545 187,379	17,085	16,617	71	84	41 521	927,559	4 731,257	5,101	4,634
22	35	98 135	30 218,233	513 276,205	16,986	16,518	72	85	37 456	793,122	3 803,698	4,796	4,329
23	36	98 038	28 614,560	483 057,971	16,882	16,414	73	86	33 264	667,647	3 010,577	4,509	4,042
24	37	97 938	27 095,227	454 443,411	16,772	16,305	74	87	29 086	553,350	2 342,930	4,234	3,767
25	38	97 830	25 654,364	427 348,184	16,658	16,191	75	88	24 821	447,601	1 789,580	3,998	3,531
26	39	97 715	24 288,193	401 693,821	16,539	16,071	76	89	20 845	356,300	1 341,979	3,766	3,299
27	40	97 586	22 991,743	377 405,628	16,415	15,948	77	90	17 140	277,691	985,679	3,550	3,082
28	41	97 455	21 763,804	354 413,885	16,285	15,817	78	91	13 874	213,065	707,988	3,323	2,856
29	42	97 314	20 599,282	332 650,081	16,149	15,681	79	92	10 834	157,699	494,923	3,138	2,671
30	43	97 159	19 494,366	312 050,799	16,007	15,540	80	93	8 254	113,884	337,224	2,961	2,494
31	44	96 992	18 446,306	292 556,432	15,860	15,393	81	94	6 102	79,801	223,340	2,799	2,332
32	45	96 810	17 451,933	274 110,126	15,707	15,239	82	95	4 373	54,206	143,539	2,648	2,181
33	46	96 607	16 507,409	256 658,194	15,548	15,081	83	96	3 032	35,624	89,333	2,508	2,041
34	47	96 387	15 611,220	240 150,785	15,383	14,916	84	97	2 030	22,608	53,710	2,376	1,908
35	48	96 142	14 759,751	224 539,564	15,213	14,746	85	98	1 308	13,806	31,101	2,253	1,786
36	49	95 881	13 952,275	209 779,813	15,036	14,568	86	99	807	8,077	17,296	2,141	1,674
37	50	95 593	13 185,199	195 827,538	14,852	14,385	87	100	476	4,519	9,218	2,040	1,573
38	51	95 276	12 456,304	182 642,339	14,663	14,195							
39	52	94 936	11 764,834	170 186,035	14,466	13,998							
40	53	94 562	11 107,549	158 421,201	14,262	13,795							
41	54	94 146	10 482,173	147 313,652	14,054	13,587							
42	55	93 707	9 889,341	136 831,479	13,836	13,369							
43	56	93 219	9 324,999	126 942,137	13,613	13,146							
44	57	92 687	8 788,403	117 617,138	13,383	12,916							
45	58	92 108	8 278,213	108 828,735	13,146	12,679							
46	59	91 467	7 792,041	100 550,523	12,904	12,437							
47	60	90 779	7 330,282	92 758,482	12,654	12,187							
48	61	90 004	6 888,768	85 428,200	12,401	11,934							
49	62	89 176	6 469,586	78 539,432	12,140	11,673							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 823 401,486	18,319	17,851	50	64	87 682	6 029,613	70 388,537	11,674	11,207
1	15	99 122	93 954,162	1 723 863,258	18,348	17,881	51	65	86 680	5 649,908	64 358,923	11,391	10,924
2	16	99 073	89 012,311	1 629 909,096	18,311	17,844	52	66	85 596	5 288,387	58 709,016	11,101	10,634
3	17	99 038	84 342,058	1 540 896,785	18,270	17,802	53	67	84 445	4 945,338	53 420,628	10,802	10,335
4	18	99 006	79 918,976	1 456 554,727	18,225	17,758	54	68	83 204	4 618,593	48 475,290	10,496	10,028
5	19	98 970	75 725,124	1 376 635,750	18,179	17,712	55	69	81 861	4 307,153	43 856,697	10,182	9,715
6	20	98 937	71 753,629	1 300 910,626	18,130	17,663	56	70	80 404	4 009,978	39 549,544	9,863	9,396
7	21	98 906	67 991,400	1 229 156,997	18,078	17,611	57	71	78 852	3 727,537	35 539,566	9,534	9,067
8	22	98 875	64 426,663	1 161 165,597	18,023	17,556	58	72	77 180	3 458,303	31 812,028	9,199	8,732
9	23	98 843	61 048,025	1 096 738,933	17,965	17,498	59	73	75 314	3 198,747	28 353,725	8,864	8,397
10	24	98 812	57 847,298	1 035 690,909	17,904	17,437	60	74	73 298	2 950,833	25 154,978	8,525	8,058
11	25	98 780	54 814,194	977 843,611	17,839	17,372	61	75	71 119	2 713,865	22 204,146	8,182	7,715
12	26	98 749	51 939,953	923 029,417	17,771	17,304	62	76	68 753	2 486,793	19 490,281	7,838	7,370
13	27	98 712	49 213,884	871 089,463	17,700	17,233	63	77	66 187	2 269,157	17 003,488	7,493	7,026
14	28	98 678	46 632,107	821 875,580	17,625	17,157	64	78	63 426	2 061,153	14 734,331	7,149	6,681
15	29	98 636	44 182,281	775 243,473	17,546	17,079	65	79	60 435	1 861,577	12 673,178	6,808	6,341
16	30	98 589	41 858,961	731 061,192	17,465	16,998	66	80	57 259	1 671,799	10 811,602	6,467	6,000
17	31	98 533	39 654,090	689 202,231	17,380	16,913	67	81	53 863	1 490,642	9 139,803	6,131	5,664
18	32	98 467	37 561,731	649 548,142	17,293	16,826	68	82	50 274	1 318,785	7 649,161	5,800	5,333
19	33	98 378	35 571,426	611 986,411	17,204	16,737	69	83	46 483	1 155,778	6 330,376	5,477	5,010
20	34	98 289	33 686,413	576 414,985	17,111	16,644	70	84	42 524	1 002,216	5 174,598	5,163	4,696
21	35	98 190	31 898,224	542 728,571	17,014	16,547	71	85	38 449	858,933	4 172,382	4,858	4,390
22	36	98 093	30 205,356	510 830,347	16,912	16,445	72	86	34 261	725,472	3 313,450	4,567	4,100
23	37	97 992	28 601,216	480 624,991	16,804	16,337	73	87	30 049	603,119	2 587,978	4,291	3,824
24	38	97 887	27 080,956	452 023,775	16,692	16,224	74	88	25 751	489,902	1 984,858	4,052	3,584
25	39	97 772	25 639,239	424 942,819	16,574	16,107	75	89	21 707	391,444	1 494,956	3,819	3,352
26	40	97 646	24 271,112	399 303,580	16,452	15,985	76	90	17 932	306,500	1 103,512	3,600	3,133
27	41	97 517	22 975,355	375 032,468	16,323	15,856	77	91	14 600	236,539	797,012	3,369	2,902
28	42	97 374	21 745,719	352 057,113	16,190	15,723	78	92	11 472	176,174	560,473	3,181	2,714
29	43	97 222	20 579,797	330 311,395	16,050	15,583	79	93	8 786	127,896	384,299	3,005	2,538
30	44	97 056	19 473,789	309 731,598	15,905	15,438	80	94	6 546	90,324	256,403	2,839	2,372
31	45	96 882	18 425,446	290 257,809	15,753	15,286	81	95	4 727	61,815	166,080	2,687	2,220
32	46	96 680	17 428,328	271 832,363	15,597	15,130	82	96	3 304	40,955	104,265	2,546	2,079
33	47	96 458	16 481,807	254 404,035	15,435	14,968	83	97	2 231	26,219	63,310	2,415	1,947
34	48	96 220	15 584,128	237 922,228	15,267	14,800	84	98	1 453	16,189	37,091	2,291	1,824
35	49	95 964	14 732,401	222 338,099	15,092	14,625	85	99	910	9,605	20,902	2,176	1,709
36	50	95 681	13 923,086	207 605,698	14,911	14,444	86	100	545	5,453	11,297	2,072	1,605
37	51	95 370	13 154,393	193 682,612	14,724	14,257							
38	52	95 039	12 425,278	180 528,219	14,529	14,062							
39	53	94 673	11 732,236	168 102,941	14,328	13,861							
40	54	94 275	11 073,791	156 370,705	14,121	13,654							
41	55	93 846	10 448,776	145 296,915	13,906	13,438							
42	56	93 370	9 853,764	134 848,139	13,685	13,218							
43	57	92 865	9 289,630	124 994,375	13,455	12,988							
44	58	92 304	8 752,140	115 704,745	13,220	12,753							
45	59	91 688	8 240,467	106 952,605	12,979	12,512							
46	60	91 030	7 754,808	98 712,138	12,729	12,262							
47	61	90 283	7 290,201	90 957,330	12,477	12,009							
48	62	89 492	6 849,602	83 667,129	12,215	11,748							
49	63	88 616	6 428,991	76 817,527	11,949	11,481							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 820 493,869	18,292	17,824	50	65	87 051	5 986,225	68 618,283	11,463	10,996
1	16	99 108	93 941,425	1 720 967,963	18,320	17,852	51	66	86 008	5 606,164	62 632,058	11,172	10,705
2	17	99 057	88 998,002	1 627 026,537	18,282	17,814	52	67	84 892	5 244,918	57 025,894	10,873	10,405
3	18	99 021	84 327,253	1 538 028,536	18,239	17,772	53	68	83 684	4 900,733	51 780,977	10,566	10,099
4	19	98 984	79 901,519	1 453 701,283	18,194	17,726	54	69	82 389	4 573,353	46 880,244	10,251	9,784
5	20	98 948	75 708,839	1 373 799,764	18,146	17,679	55	70	80 963	4 259,914	42 306,890	9,931	9,464
6	21	98 916	71 738,490	1 298 090,925	18,095	17,628	56	71	79 444	3 962,066	38 046,976	9,603	9,136
7	22	98 884	67 976,704	1 226 352,435	18,041	17,574	57	72	77 800	3 677,801	34 084,910	9,268	8,801
8	23	98 852	64 411,858	1 158 375,731	17,984	17,517	58	73	75 986	3 404,785	30 407,109	8,931	8,464
9	24	98 820	61 034,139	1 093 963,873	17,924	17,457	59	74	74 008	3 143,295	27 002,324	8,590	8,123
10	25	98 789	57 834,146	1 032 929,734	17,860	17,393	60	75	71 882	2 893,811	23 859,029	8,245	7,778
11	26	98 758	54 801,979	975 095,588	17,793	17,326	61	76	69 535	2 653,397	20 965,218	7,901	7,434
12	27	98 722	51 926,077	920 293,608	17,723	17,256	62	77	67 010	2 423,759	18 311,822	7,555	7,088
13	28	98 686	49 201,180	868 367,531	17,649	17,182	63	78	64 270	2 203,455	15 888,063	7,211	6,743
14	29	98 652	46 619,995	819 166,351	17,571	17,104	64	79	61 317	1 992,603	13 684,608	6,868	6,401
15	30	98 609	44 170,026	772 546,356	17,490	17,023	65	80	58 166	1 791,673	11 692,005	6,526	6,059
16	31	98 562	41 847,473	728 376,330	17,406	16,938	66	81	54 776	1 599,288	9 900,332	6,190	5,723
17	32	98 500	39 641,161	686 528,857	17,319	16,851	67	82	51 197	1 416,861	8 301,044	5,859	5,392
18	33	98 433	37 548,722	646 887,695	17,228	16,761	68	83	47 415	1 243,789	6 884,183	5,535	5,068
19	34	98 342	35 558,557	609 338,974	17,136	16,669	69	84	43 463	1 080,699	5 640,394	5,219	4,752
20	35	98 249	33 672,743	573 780,417	17,040	16,573	70	85	39 378	928,066	4 559,695	4,913	4,446
21	36	98 148	31 884,631	540 107,674	16,939	16,472	71	86	35 169	785,670	3 631,629	4,622	4,155
22	37	98 047	30 191,271	508 223,044	16,833	16,366	72	87	30 950	655,356	2 845,959	4,343	3,875
23	38	97 940	28 586,152	478 031,773	16,722	16,255	73	88	26 604	533,965	2 190,603	4,103	3,635
24	39	97 829	27 064,990	449 445,621	16,606	16,139	74	89	22 520	428,438	1 656,638	3,867	3,400
25	40	97 704	25 621,208	422 380,631	16,486	16,018	75	90	18 673	336,733	1 228,200	3,647	3,180
26	41	97 576	24 253,812	396 759,423	16,359	15,891	76	91	15 274	261,078	891,468	3,415	2,947
27	42	97 436	22 956,263	372 505,612	16,227	15,760	77	92	12 072	195,583	630,390	3,223	2,756
28	43	97 282	21 725,148	349 549,349	16,090	15,622	78	93	9 304	142,880	434,806	3,043	2,576
29	44	97 119	20 558,074	327 824,201	15,946	15,479	79	94	6 969	101,437	291,927	2,878	2,411
30	45	96 947	19 451,768	307 266,127	15,796	15,329	80	95	5 071	69,965	190,490	2,723	2,255
31	46	96 751	18 400,525	287 814,360	15,642	15,174	81	96	3 571	46,704	120,524	2,581	2,113
32	47	96 530	17 401,298	269 413,835	15,482	15,015	82	97	2 432	30,143	73,820	2,449	1,982
33	48	96 290	16 453,205	252 012,537	15,317	14,850	83	98	1 598	18,774	43,677	2,326	1,859
34	49	96 042	15 555,252	235 559,332	15,143	14,676	84	99	1 011	11,263	24,903	2,211	1,744
35	50	95 764	14 701,580	220 004,081	14,965	14,497	85	100	614	6,484	13,640	2,104	1,636
36	51	95 457	13 890,555	205 302,501	14,780	14,313							
37	52	95 132	13 121,628	191 411,945	14,588	14,120							
38	53	94 775	12 390,849	178 290,317	14,389	13,922							
39	54	94 385	11 696,579	165 899,468	14,184	13,716							
40	55	93 974	11 038,508	154 202,888	13,970	13,502							
41	56	93 508	10 411,186	143 164,380	13,751	13,284							
42	57	93 015	9 816,390	132 753,195	13,524	13,056							
43	58	92 482	9 251,299	122 936,805	13,289	12,821							
44	59	91 884	8 712,233	113 685,506	13,049	12,582							
45	60	91 250	8 201,091	104 973,273	12,800	12,333							
46	61	90 532	7 712,405	96 772,182	12,548	12,080							
47	62	89 770	7 248,753	89 059,777	12,286	11,819							
48	63	88 930	6 806,622	81 811,024	12,019	11,552							
49	64	88 025	6 386,118	75 004,402	11,745	11,278							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 817 399,075	18,263	17,796	50	66	86 377	5 939,877	66 757,753	11,239	10,772
1	17	99 092	93 926,323	1 717 886,661	18,290	17,823	51	67	85 301	5 560,082	60 817,876	10,938	10,471
2	18	99 040	88 982,379	1 623 960,337	18,250	17,783	52	68	84 126	5 197,611	55 257,793	10,631	10,164
3	19	98 999	84 308,832	1 534 977,958	18,207	17,739	53	69	82 864	4 852,730	50 060,183	10,316	9,849
4	20	98 963	79 884,336	1 450 669,126	18,160	17,692	54	70	81 485	4 523,194	45 207,453	9,995	9,527
5	21	98 928	75 692,865	1 370 784,790	18,110	17,643	55	71	79 996	4 209,016	40 684,259	9,666	9,199
6	22	98 895	71 722,984	1 295 091,925	18,057	17,590	56	72	78 384	3 909,200	36 475,243	9,331	8,863
7	23	98 862	67 961,083	1 223 368,941	18,001	17,534	57	73	76 596	3 620,886	32 566,043	8,994	8,527
8	24	98 830	64 397,208	1 155 407,857	17,942	17,475	58	74	74 669	3 345,762	28 945,156	8,651	8,184
9	25	98 798	61 020,262	1 091 010,650	17,879	17,412	59	75	72 578	3 082,554	25 599,395	8,305	7,837
10	26	98 767	57 821,258	1 029 990,387	17,813	17,346	60	76	70 280	2 829,333	22 516,840	7,958	7,491
11	27	98 732	54 787,338	972 169,129	17,744	17,277	61	77	67 772	2 586,139	19 687,507	7,613	7,146
12	28	98 697	51 912,673	917 381,791	17,672	17,204	62	78	65 070	2 353,580	17 101,368	7,266	6,799
13	29	98 661	49 188,401	865 469,117	17,595	17,128	63	79	62 133	2 130,173	14 747,788	6,923	6,456
14	30	98 625	46 607,064	816 280,716	17,514	17,047	64	80	59 014	1 917,779	12 617,615	6,579	6,112
15	31	98 581	44 157,904	769 673,652	17,430	16,963	65	81	55 643	1 713,963	10 699,836	6,243	5,776
16	32	98 530	41 833,830	725 515,748	17,343	16,876	66	82	52 065	1 520,130	8 985,873	5,911	5,444
17	33	98 466	39 627,432	683 681,918	17,253	16,786	67	83	48 285	1 336,287	7 465,744	5,587	5,120
18	34	98 397	37 535,137	644 054,486	17,159	16,692	68	84	44 335	1 162,993	6 129,456	5,270	4,803
19	35	98 303	35 544,126	606 519,349	17,064	16,597	69	85	40 248	1 000,743	4 966,463	4,963	4,496
20	36	98 207	33 658,393	570 975,223	16,964	16,497	70	86	36 019	848,906	3 965,720	4,672	4,204
21	37	98 103	31 869,762	537 316,830	16,860	16,393	71	87	31 770	709,736	3 116,814	4,392	3,924
22	38	97 996	30 175,369	505 447,068	16,750	16,283	72	88	27 401	580,212	2 407,078	4,149	3,681
23	39	97 883	28 569,299	475 271,699	16,636	16,169	73	89	23 266	466,973	1 826,866	3,912	3,445
24	40	97 760	27 045,956	446 702,400	16,516	16,049	74	90	19 372	368,556	1 359,894	3,690	3,223
25	41	97 634	25 602,945	419 656,444	16,391	15,924	75	91	15 906	286,830	991,338	3,456	2,989
26	42	97 495	24 233,657	394 053,499	16,261	15,793	76	92	12 630	215,874	704,508	3,264	2,796
27	43	97 343	22 934,547	369 819,842	16,125	15,658	77	93	9 790	158,621	488,634	3,081	2,613
28	44	97 179	21 702,216	346 885,295	15,984	15,517	78	94	7 379	113,320	330,013	2,912	2,445
29	45	97 009	20 534,826	325 183,078	15,836	15,369	79	95	5 398	78,574	216,692	2,758	2,291
30	46	96 816	19 425,458	304 648,252	15,683	15,216	80	96	3 831	52,862	138,118	2,613	2,146
31	47	96 601	18 371,987	285 222,794	15,525	15,058	81	97	2 628	34,375	85,256	2,480	2,013
32	48	96 362	17 371,099	266 850,807	15,362	14,895	82	98	1 741	21,584	50,881	2,357	1,890
33	49	96 112	16 422,717	249 479,708	15,191	14,724	83	99	1 112	13,062	29,297	2,243	1,776
34	50	95 841	15 522,709	233 056,990	15,014	14,547	84	100	683	7,603	16,236	2,135	1,668
35	51	95 540	14 667,231	217 534,282	14,831	14,364							
36	52	95 219	13 855,957	202 867,051	14,641	14,174							
37	53	94 869	13 085,270	189 011,094	14,445	13,977							
38	54	94 487	12 353,191	175 925,824	14,241	13,774							
39	55	94 085	11 659,312	163 572,633	14,029	13,562							
40	56	93 636	10 998,797	151 913,320	13,812	13,345							
41	57	93 154	10 371,697	140 914,524	13,586	13,119							
42	58	92 632	9 775,885	130 542,826	13,354	12,886							
43	59	92 061	9 209,116	120 766,942	13,114	12,647							
44	60	91 444	8 670,603	111 557,826	12,866	12,399							
45	61	90 751	8 156,249	102 887,223	12,615	12,147							
46	62	90 017	7 668,557	94 730,974	12,353	11,886							
47	63	89 206	7 203,268	87 062,418	12,087	11,619							
48	64	88 337	6 761,231	79 859,149	11,811	11,344							
49	65	87 392	6 340,165	73 097,918	11,529	11,062							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 814 108,487	18,233	17,766	50	67	85 667	5 891,053	64 805,680	11,001	10,534
1	18	99 075	93 909,836	1 714 612,071	18,258	17,791	51	68	84 532	5 509,932	58 914,627	10,692	10,225
2	19	99 018	88 962,942	1 620 702,235	18,218	17,751	52	69	83 302	5 146,699	53 404,694	10,376	9,909
3	20	98 978	84 290,701	1 531 739,293	18,172	17,705	53	70	81 955	4 799,507	48 257,995	10,055	9,588
4	21	98 942	79 867,481	1 447 448,592	18,123	17,656	54	71	80 511	4 469,150	43 458,488	9,724	9,257
5	22	98 906	75 676,504	1 367 581,111	18,071	17,604	55	72	78 928	4 152,855	38 989,338	9,389	8,921
6	23	98 872	71 706,503	1 291 904,606	18,017	17,549	56	73	77 171	3 848,705	34 836,483	9,051	8,584
7	24	98 839	67 945,625	1 220 198,104	17,958	17,491	57	74	75 268	3 558,117	30 987,779	8,709	8,242
8	25	98 807	64 382,567	1 152 252,479	17,897	17,430	58	75	73 226	3 281,108	27 429,662	8,360	7,893
9	26	98 776	61 006,665	1 087 869,912	17,832	17,365	59	76	70 961	3 013,871	24 148,554	8,012	7,545
10	27	98 741	57 805,811	1 026 863,247	17,764	17,297	60	77	68 499	2 757,616	21 134,682	7,664	7,197
11	28	98 706	54 773,196	969 057,437	17,692	17,225	61	78	65 810	2 511,259	18 377,066	7,318	6,851
12	29	98 671	51 899,190	914 284,241	17,617	17,149	62	79	62 906	2 275,305	15 865,807	6,973	6,506
13	30	98 633	49 174,758	862 385,051	17,537	17,070	63	80	59 800	2 050,183	13 590,502	6,629	6,162
14	31	98 598	46 594,273	813 210,293	17,453	16,986	64	81	56 454	1 834,599	11 540,319	6,290	5,823
15	32	98 549	44 143,508	766 616,019	17,366	16,899	65	82	52 889	1 629,129	9 705,720	5,958	5,490
16	33	98 496	41 819,341	722 472,512	17,276	16,809	66	83	49 104	1 433,683	8 076,591	5,633	5,166
17	34	98 431	39 613,095	680 653,170	17,183	16,715	67	84	45 149	1 249,483	6 642,908	5,317	4,849
18	35	98 357	37 519,904	641 040,076	17,085	16,618	68	85	41 055	1 076,948	5 393,425	5,008	4,541
19	36	98 261	35 528,979	603 520,171	16,987	16,520	69	86	36 815	915,384	4 316,476	4,715	4,248
20	37	98 161	33 642,697	567 991,192	16,883	16,416	70	87	32 538	766,861	3 401,092	4,435	3,968
21	38	98 051	31 852,977	534 348,495	16,775	16,308	71	88	28 127	628,356	2 634,232	4,192	3,725
22	39	97 938	30 157,578	502 495,518	16,662	16,195	72	89	23 963	507,417	2 005,875	3,953	3,486
23	40	97 814	28 549,207	472 337,940	16,545	16,078	73	90	20 014	401,704	1 498,458	3,730	3,263
24	41	97 690	27 026,678	443 788,733	16,420	15,953	74	91	16 502	313,937	1 096,753	3,494	3,026
25	42	97 553	25 581,670	416 762,055	16,291	15,824	75	92	13 152	237,167	782,816	3,301	2,834
26	43	97 403	24 210,733	391 180,386	16,157	15,690	76	93	10 243	175,077	545,649	3,117	2,649
27	44	97 241	22 910,339	366 969,652	16,018	15,550	77	94	7 765	125,805	370,572	2,946	2,478
28	45	97 069	21 677,675	344 059,313	15,872	15,404	78	95	5 716	87,779	244,767	2,788	2,321
29	46	96 878	20 507,051	322 381,638	15,721	15,253	79	96	4 078	59,367	156,988	2,644	2,177
30	47	96 665	19 395,331	301 874,587	15,564	15,097	80	97	2 820	38,907	97,621	2,509	2,042
31	48	96 434	18 340,104	282 479,256	15,402	14,935	81	98	1 882	24,614	58,714	2,385	1,918
32	49	96 183	17 338,911	264 139,152	15,234	14,767	82	99	1 211	15,016	34,100	2,271	1,804
33	50	95 911	16 388,360	246 800,241	15,059	14,592	83	100	750	8,818	19,084	2,164	1,697
34	51	95 617	15 486,441	230 411,881	14,878	14,411							
35	52	95 302	14 630,698	214 925,440	14,690	14,223							
36	53	94 955	13 817,564	200 294,743	14,496	14,028							
37	54	94 581	13 045,501	186 477,178	14,294	13,827							
38	55	94 186	12 313,832	173 431,677	14,084	13,617							
39	56	93 746	11 617,368	161 117,845	13,869	13,402							
40	57	93 281	10 957,079	149 500,477	13,644	13,177							
41	58	92 769	10 328,901	138 543,398	13,413	12,946							
42	59	92 209	9 731,310	128 214,497	13,175	12,708							
43	60	91 621	9 165,111	118 483,187	12,928	12,460							
44	61	90 944	8 623,193	109 318,075	12,677	12,210							
45	62	90 235	8 109,876	100 694,882	12,416	11,949							
46	63	89 453	7 620,438	92 585,006	12,150	11,682							
47	64	88 611	7 155,232	84 964,567	11,874	11,407							
48	65	87 702	6 712,579	77 809,335	11,592	11,124							
49	66	86 715	6 291,077	71 096,756	11,301	10,834							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 810 614,488	18,201	17,734	50	68	84 895	5 837,918	62 760,282	10,750	10,283
1	19	99 053	93 889,322	1 711 135,536	18,225	17,758	51	69	83 704	5 455,962	56 922,364	10,433	9,966
2	20	98 997	88 943,810	1 617 246,214	18,183	17,716	52	70	82 389	5 090,252	51 466,402	10,111	9,644
3	21	98 957	84 272,917	1 528 302,404	18,135	17,668	53	71	80 976	4 742,161	46 376,150	9,780	9,312
4	22	98 920	79 850,218	1 444 029,487	18,084	17,617	54	72	79 437	4 409,518	41 633,989	9,442	8,975
5	23	98 883	75 659,114	1 364 179,269	18,031	17,563	55	73	77 707	4 088,589	37 224,471	9,104	8,637
6	24	98 850	71 690,192	1 288 520,155	17,973	17,506	56	74	75 833	3 781,986	33 135,882	8,762	8,294
7	25	98 817	67 930,178	1 216 829,962	17,913	17,446	57	75	73 814	3 489,360	29 353,896	8,412	7,945
8	26	98 785	64 368,219	1 148 899,785	17,849	17,382	58	76	71 594	3 208,001	25 864,537	8,063	7,595
9	27	98 749	60 990,366	1 084 531,565	17,782	17,315	59	77	69 162	2 937,477	22 656,536	7,713	7,246
10	28	98 715	57 790,889	1 023 541,199	17,711	17,244	60	78	66 515	2 677,771	19 719,059	7,364	6,897
11	29	98 681	54 758,970	965 750,310	17,636	17,169	61	79	63 621	2 427,740	17 041,288	7,019	6,552
12	30	98 644	51 884,795	910 991,340	17,558	17,091	62	80	60 544	2 189,866	14 613,548	6,673	6,206
13	31	98 606	49 161,262	859 106,545	17,475	17,008	63	81	57 206	1 961,260	12 423,683	6,335	5,867
14	32	98 566	46 579,082	809 945,283	17,389	16,921	64	82	53 660	1 743,794	10 462,422	6,000	5,533
15	33	98 515	44 128,219	763 366,200	17,299	16,832	65	83	49 881	1 536,484	8 718,628	5,674	5,207
16	34	98 460	41 804,211	719 237,981	17,205	16,738	66	84	45 914	1 340,552	7 182,144	5,358	4,890
17	35	98 391	39 597,019	677 433,770	17,108	16,641	67	85	41 808	1 157,039	5 841,592	5,049	4,582
18	36	98 315	37 503,915	637 836,751	17,007	16,540	68	86	37 553	985,090	4 684,553	4,755	4,288
19	37	98 215	35 512,411	600 332,836	16,905	16,438	69	87	33 257	826,914	3 699,463	4,474	4,007
20	38	98 110	33 624,978	564 820,425	16,798	16,330	70	88	28 807	678,931	2 872,549	4,231	3,764
21	39	97 993	31 834,197	531 195,447	16,686	16,219	71	89	24 599	549,522	2 193,618	3,992	3,525
22	40	97 869	30 136,370	499 361,250	16,570	16,103	72	90	20 614	436,496	1 644,097	3,767	3,299
23	41	97 744	28 528,857	469 224,880	16,447	15,980	73	91	17 048	342,173	1 207,600	3,529	3,062
24	42	97 609	27 004,219	440 696,023	16,320	15,852	74	92	13 644	259,581	865,427	3,334	2,867
25	43	97 461	25 557,471	413 691,804	16,187	15,720	75	93	10 666	192,346	605,846	3,150	2,683
26	44	97 300	24 185,178	388 134,333	16,048	15,581	76	94	8 124	138,857	413,500	2,978	2,511
27	45	97 131	22 884,431	363 949,155	15,904	15,437	77	95	6 015	97,450	274,643	2,818	2,351
28	46	96 938	21 648,354	341 064,724	15,755	15,288	78	96	4 319	66,321	177,194	2,672	2,205
29	47	96 728	20 475,247	319 416,370	15,600	15,133	79	97	3 002	43,694	110,872	2,537	2,070
30	48	96 498	19 361,672	298 941,123	15,440	14,973	80	98	2 019	27,859	67,178	2,411	1,944
31	49	96 255	18 306,121	279 579,451	15,272	14,805	81	99	1 309	17,124	39,318	2,296	1,829
32	50	95 982	17 302,637	261 273,331	15,100	14,633	82	100	818	10,138	22,194	2,189	1,722
33	51	95 687	16 350,069	243 970,694	14,922	14,455							
34	52	95 379	15 447,867	227 620,624	14,735	14,268							
35	53	95 038	14 590,158	212 172,757	14,542	14,075							
36	54	94 667	13 775,570	197 582,599	14,343	13,876							
37	55	94 279	13 003,936	183 807,029	14,135	13,668							
38	56	93 847	12 269,533	170 803,092	13,921	13,454							
39	57	93 391	11 573,304	158 533,559	13,698	13,231							
40	58	92 896	10 911,867	146 960,255	13,468	13,001							
41	59	92 346	10 281,805	136 048,388	13,232	12,765							
42	60	91 769	9 684,810	125 766,583	12,986	12,519							
43	61	91 120	9 114,998	116 081,773	12,735	12,268							
44	62	90 427	8 574,166	106 966,775	12,475	12,008							
45	63	89 669	8 058,989	98 392,609	12,209	11,742							
46	64	88 856	7 569,620	90 333,620	11,934	11,467							
47	65	87 974	7 103,745	82 763,999	11,651	11,184							
48	66	87 023	6 660,607	75 660,255	11,359	10,892							
49	67	86 002	6 239,365	68 999,648	11,059	10,592							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 806 907,984	18,168	17,701	50	69	84 063	5 780,735	60 621,680	10,487	10,020
1	20	99 032	93 869,131	1 707 450,762	18,190	17,723	51	70	82 786	5 396,123	54 840,946	10,163	9,696
2	21	98 976	88 925,044	1 613 581,632	18,145	17,678	52	71	81 404	5 029,433	49 444,823	9,831	9,364
3	22	98 935	84 254,702	1 524 656,588	18,096	17,629	53	72	79 896	4 678,886	44 415,390	9,493	9,026
4	23	98 898	79 831,869	1 440 401,886	18,043	17,576	54	73	78 208	4 341,281	39 736,504	9,153	8,686
5	24	98 861	75 641,905	1 360 570,017	17,987	17,520	55	74	76 360	4 017,711	35 395,223	8,810	8,343
6	25	98 827	71 673,894	1 284 928,112	17,927	17,460	56	75	74 367	3 708,903	31 377,512	8,460	7,993
7	26	98 795	67 915,040	1 213 254,218	17,864	17,397	57	76	72 169	3 411,613	27 668,609	8,110	7,643
8	27	98 759	64 351,023	1 145 339,179	17,798	17,331	58	77	69 779	3 126,686	24 256,997	7,758	7,291
9	28	98 724	60 974,623	1 080 988,156	17,728	17,261	59	78	67 160	2 852,424	21 130,311	7,408	6,941
10	29	98 690	57 775,879	1 020 013,533	17,655	17,187	60	79	64 303	2 588,714	18 277,887	7,061	6,593
11	30	98 653	54 743,782	962 237,654	17,577	17,110	61	80	61 232	2 336,576	15 689,174	6,715	6,247
12	31	98 617	51 870,556	907 493,872	17,495	17,028	62	81	57 918	2 094,884	13 352,597	6,374	5,907
13	32	98 574	49 145,235	855 623,316	17,410	16,943	63	82	54 374	1 864,186	11 257,713	6,039	5,572
14	33	98 531	46 562,950	806 478,082	17,320	16,853	64	83	50 609	1 644,628	9 393,527	5,712	5,244
15	34	98 480	44 112,254	759 915,132	17,227	16,760	65	84	46 641	1 436,675	7 748,899	5,394	4,926
16	35	98 420	41 787,246	715 802,878	17,130	16,663	66	85	42 517	1 241,371	6 312,223	5,085	4,618
17	36	98 349	39 580,145	674 015,632	17,029	16,562	67	86	38 242	1 058,349	5 070,853	4,791	4,324
18	37	98 269	37 486,426	634 435,487	16,924	16,457	68	87	33 923	889,882	4 012,503	4,509	4,042
19	38	98 163	35 493,707	596 949,061	16,818	16,351	69	88	29 443	732,098	3 122,621	4,265	3,798
20	39	98 052	33 605,154	561 455,354	16,707	16,240	70	89	25 193	593,751	2 390,523	4,026	3,559
21	40	97 924	31 811,809	527 850,201	16,593	16,126	71	90	21 160	472,716	1 796,772	3,801	3,334
22	41	97 799	30 114,889	496 038,391	16,472	16,004	72	91	17 559	371,809	1 324,056	3,561	3,094
23	42	97 663	28 505,150	465 923,503	16,345	15,878	73	92	14 096	282,928	952,247	3,366	2,899
24	43	97 517	26 978,674	437 418,352	16,213	15,746	74	93	11 066	210,524	669,319	3,179	2,712
25	44	97 358	25 530,494	410 439,678	16,076	15,609	75	94	8 460	152,553	458,795	3,007	2,540
26	45	97 190	24 157,829	384 909,184	15,933	15,466	76	95	6 293	107,560	306,242	2,847	2,380
27	46	96 999	22 853,479	360 751,355	15,785	15,318	77	96	4 544	73,628	198,682	2,698	2,231
28	47	96 788	21 614,780	337 897,877	15,633	15,166	78	97	3 179	48,813	125,054	2,562	2,095
29	48	96 560	20 439,714	316 283,097	15,474	15,007	79	98	2 149	31,287	76,241	2,437	1,970
30	49	96 319	19 325,795	295 843,384	15,308	14,841	80	99	1 405	19,382	44,954	2,319	1,852
31	50	96 053	18 267,823	276 517,588	15,137	14,670	81	100	884	11,561	25,571	2,212	1,745
32	51	95 758	17 262,210	258 249,765	14,960	14,493							
33	52	95 448	16 309,345	240 987,555	14,776	14,309							
34	53	95 115	15 405,064	224 678,211	14,585	14,118							
35	54	94 749	14 545,816	209 273,147	14,387	13,920							
36	55	94 365	13 731,679	194 727,331	14,181	13,714							
37	56	93 940	12 957,154	180 995,652	13,969	13,502							
38	57	93 491	12 222,996	168 038,497	13,748	13,281							
39	58	93 005	11 525,550	155 815,501	13,519	13,052							
40	59	92 473	10 862,113	144 289,952	13,284	12,817							
41	60	91 905	10 232,675	133 427,839	13,039	12,572							
42	61	91 267	9 631,855	123 195,164	12,790	12,323							
43	62	90 602	9 063,175	113 563,309	12,530	12,063							
44	63	89 860	8 520,365	104 500,134	12,265	11,798							
45	64	89 071	8 005,246	95 979,769	11,990	11,522							
46	65	88 217	7 515,151	87 974,523	11,706	11,239							
47	66	87 293	7 048,744	80 459,372	11,415	10,948							
48	67	86 307	6 605,859	73 410,628	11,113	10,646							
49	68	85 227	6 183,089	66 804,769	10,804	10,337							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 802 982,389	18,132	17,665	50	70	83 141	5 717,333	58 389,771	10,213	9,746
1	21	99 011	93 849,325	1 703 546,557	18,152	17,685	51	71	81 797	5 331,649	52 672,438	9,879	9,412
2	22	98 954	88 905,823	1 609 697,231	18,106	17,638	52	72	80 318	4 962,325	47 340,789	9,540	9,073
3	23	98 913	84 235,340	1 520 791,408	18,054	17,587	53	73	78 659	4 606,480	42 378,464	9,200	8,733
4	24	98 875	79 813,711	1 436 556,068	17,999	17,532	54	74	76 852	4 266,023	37 771,984	8,854	8,387
5	25	98 838	75 624,708	1 356 742,357	17,940	17,473	55	75	74 884	3 940,073	33 505,962	8,504	8,037
6	26	98 805	71 657,921	1 281 117,649	17,878	17,411	56	76	72 711	3 626,264	29 565,889	8,153	7,686
7	27	98 768	67 896,896	1 209 459,728	17,813	17,346	57	77	70 340	3 325,136	25 939,625	7,801	7,334
8	28	98 733	64 334,412	1 141 562,832	17,744	17,277	58	78	67 759	3 036,155	22 614,489	7,448	6,981
9	29	98 698	60 958,785	1 077 228,420	17,671	17,204	59	79	64 926	2 757,558	19 578,334	7,100	6,633
10	30	98 662	57 759,854	1 016 269,635	17,595	17,128	60	80	61 888	2 491,506	16 820,776	6,751	6,284
11	31	98 626	54 728,758	958 509,780	17,514	17,047	61	81	58 576	2 235,232	14 329,270	6,411	5,943
12	32	98 585	51 853,645	903 781,023	17,429	16,962	62	82	55 051	1 991,196	12 094,039	6,074	5,607
13	33	98 540	49 128,213	851 927,378	17,341	16,874	63	83	51 282	1 758,174	10 102,843	5,746	5,279
14	34	98 496	46 546,104	802 799,165	17,247	16,780	64	84	47 321	1 537,795	8 344,669	5,426	4,959
15	35	98 440	44 094,352	756 253,061	17,151	16,684	65	85	43 190	1 330,382	6 806,874	5,116	4,649
16	36	98 378	41 769,438	712 158,709	17,050	16,583	66	86	38 891	1 135,487	5 476,492	4,823	4,356
17	37	98 303	39 561,688	670 389,270	16,945	16,478	67	87	34 546	956,061	4 341,005	4,541	4,073
18	38	98 218	37 466,682	630 827,583	16,837	16,370	68	88	30 034	787,847	3 384,943	4,296	3,829
19	39	98 105	35 472,781	593 360,900	16,727	16,260	69	89	25 749	640,248	2 597,097	4,056	3,589
20	40	97 983	33 581,520	557 888,120	16,613	16,146	70	90	21 672	510,763	1 956,849	3,831	3,364
21	41	97 854	31 789,134	524 306,599	16,493	16,026	71	91	18 025	402,661	1 446,086	3,591	3,124
22	42	97 718	30 089,864	492 517,465	16,368	15,901	72	92	14 519	307,432	1 043,425	3,394	2,927
23	43	97 571	28 478,186	462 427,601	16,238	15,771	73	93	11 432	229,459	735,992	3,208	2,740
24	44	97 414	26 950,197	433 949,415	16,102	15,635	74	94	8 777	166,970	506,533	3,034	2,566
25	45	97 248	25 501,623	406 999,218	15,960	15,493	75	95	6 553	118,169	339,563	2,874	2,406
26	46	97 059	24 125,154	381 497,595	15,813	15,346	76	96	4 754	81,267	221,394	2,724	2,257
27	47	96 849	22 818,035	357 372,441	15,662	15,195	77	97	3 345	54,191	140,127	2,586	2,119
28	48	96 620	21 577,269	334 554,406	15,505	15,038	78	98	2 276	34,952	85,936	2,459	1,991
29	49	96 381	20 401,840	312 977,137	15,341	14,873	79	99	1 495	21,767	50,983	2,342	1,875
30	50	96 117	19 285,364	292 575,298	15,171	14,704	80	100	948	13,085	29,216	2,233	1,766
31	51	95 829	18 225,141	273 289,933	14,995	14,528							
32	52	95 519	17 219,214	255 064,793	14,813	14,346							
33	53	95 184	16 264,154	237 845,579	14,624	14,157							
34	54	94 826	15 358,245	221 581,425	14,428	13,960							
35	55	94 447	14 499,471	206 223,180	14,223	13,756							
36	56	94 026	13 682,279	191 723,709	14,013	13,545							
37	57	93 584	12 908,009	178 041,430	13,793	13,326							
38	58	93 106	12 172,560	165 133,421	13,566	13,099							
39	59	92 581	11 472,997	152 960,860	13,332	12,865							
40	60	92 031	10 810,210	141 487,863	13,088	12,621							
41	61	91 403	10 176,724	130 677,653	12,841	12,374							
42	62	90 748	9 577,093	120 500,929	12,582	12,115							
43	63	90 033	9 006,305	110 923,836	12,316	11,849							
44	64	89 261	8 463,546	101 917,531	12,042	11,575							
45	65	88 430	7 947,642	93 453,985	11,759	11,292							
46	66	87 534	7 456,965	85 506,343	11,467	10,999							
47	67	86 575	6 990,805	78 049,377	11,165	10,697							
48	68	85 529	6 546,276	71 058,572	10,855	10,388							
49	69	84 392	6 122,524	64 512,296	10,537	10,070							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 798 825,926	18,094	17,627	50	71	82 148	5 649,022	56 066,785	9,925	9,458
1	22	98 990	93 829,040	1 699 411,074	18,112	17,645	51	72	80 706	5 260,509	50 417,763	9,584	9,117
2	23	98 932	88 885,393	1 605 582,033	18,064	17,596	52	73	79 075	4 885,532	45 157,255	9,243	8,776
3	24	98 890	84 216,181	1 516 696,640	18,010	17,542	53	74	77 296	4 526,625	40 271,723	8,897	8,429
4	25	98 853	79 795,565	1 432 480,460	17,952	17,485	54	75	75 367	4 183,586	35 745,098	8,544	8,077
5	26	98 816	75 607,855	1 352 684,895	17,891	17,424	55	76	73 216	3 852,283	31 561,512	8,193	7,726
6	27	98 779	71 638,777	1 277 077,040	17,827	17,359	56	77	70 867	3 534,346	27 709,229	7,840	7,373
7	28	98 743	67 879,369	1 205 438,262	17,759	17,291	57	78	68 303	3 228,859	24 174,882	7,487	7,020
8	29	98 708	64 317,702	1 137 558,893	17,687	17,219	58	79	65 505	2 935,178	20 946,023	7,136	6,669
9	30	98 671	60 941,878	1 073 241,191	17,611	17,144	59	80	62 488	2 654,010	18 010,845	6,786	6,319
10	31	98 635	57 744,003	1 012 299,313	17,531	17,064	60	81	59 204	2 383,441	15 356,835	6,443	5,976
11	32	98 594	54 710,915	954 555,310	17,447	16,980	61	82	55 677	2 124,597	12 973,394	6,106	5,639
12	33	98 550	51 835,686	899 844,395	17,360	16,892	62	83	51 921	1 877,961	10 848,797	5,777	5,310
13	34	98 504	49 110,439	848 008,710	17,267	16,800	63	84	47 951	1 643,965	8 970,836	5,457	4,990
14	35	98 456	46 527,215	798 898,271	17,171	16,703	64	85	43 820	1 424,020	7 326,871	5,145	4,678
15	36	98 398	44 075,561	752 371,056	17,070	16,603	65	86	39 506	1 216,906	5 902,851	4,851	4,384
16	37	98 332	41 749,961	708 295,495	16,965	16,498	66	87	35 132	1 025,744	4 685,945	4,568	4,101
17	38	98 251	39 540,851	666 545,535	16,857	16,390	67	88	30 585	846,438	3 660,201	4,324	3,857
18	39	98 160	37 444,593	627 004,684	16,745	16,278	68	89	26 266	689,002	2 813,763	4,084	3,617
19	40	98 036	35 447,834	589 560,091	16,632	16,165	69	90	22 150	550,761	2 124,761	3,858	3,391
20	41	97 913	33 557,584	554 112,257	16,512	16,045	70	91	18 460	435,070	1 574,000	3,618	3,151
21	42	97 773	31 762,718	520 554,673	16,389	15,922	71	92	14 904	332,942	1 138,930	3,421	2,954
22	43	97 626	30 061,400	488 791,955	16,260	15,793	72	93	11 775	249,333	805,988	3,233	2,765
23	44	97 468	28 448,126	458 730,555	16,125	15,658	73	94	9 067	181,988	556,655	3,059	2,592
24	45	97 304	26 919,721	430 282,429	15,984	15,517	74	95	6 798	129,337	374,667	2,897	2,430
25	46	97 116	25 467,131	403 362,707	15,839	15,371	75	96	4 951	89,283	245,330	2,748	2,281
26	47	96 908	24 087,738	377 895,577	15,688	15,221	76	97	3 499	59,813	156,047	2,609	2,142
27	48	96 681	22 778,436	353 807,839	15,533	15,065	77	98	2 395	38,803	96,234	2,480	2,013
28	49	96 441	21 537,287	331 029,403	15,370	14,903	78	99	1 583	24,317	57,431	2,362	1,895
29	50	96 179	20 359,157	309 492,116	15,202	14,734	79	100	1 010	14,695	33,114	2,253	1,786
30	51	95 893	19 240,305	289 132,958	15,027	14,560							
31	52	95 590	18 179,746	269 892,654	14,846	14,379							
32	53	95 255	17 171,502	251 712,908	14,659	14,192							
33	54	94 894	16 214,724	234 541,406	14,465	13,998							
34	55	94 523	15 309,311	218 326,681	14,261	13,794							
35	56	94 107	14 447,309	203 017,370	14,052	13,585							
36	57	93 669	13 630,384	188 570,062	13,835	13,367							
37	58	93 198	12 854,747	174 939,678	13,609	13,142							
38	59	92 681	12 117,058	162 084,931	13,377	12,909							
39	60	92 139	11 418,175	149 967,873	13,134	12,667							
40	61	91 527	10 751,101	138 549,698	12,887	12,420							
41	62	90 883	10 118,864	127 798,597	12,630	12,163							
42	63	90 179	9 516,999	117 679,732	12,365	11,898							
43	64	89 433	8 946,246	108 162,733	12,090	11,623							
44	65	88 618	8 402,644	99 216,488	11,808	11,341							
45	66	87 745	7 886,108	90 813,844	11,516	11,048							
46	67	86 814	7 395,671	82 927,736	11,213	10,746							
47	68	85 794	6 927,751	75 532,065	10,903	10,436							
48	69	84 691	6 482,155	68 604,314	10,584	10,116							
49	70	83 466	6 055,375	62 122,160	10,259	9,792							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 794 426,112	18,054	17,587	50	72	81 052	5 573,647	53 653,727	9,626	9,159
1	23	98 967	93 807,479	1 695 032,748	18,069	17,602	51	73	79 457	5 179,101	48 080,080	9,283	8,816
2	24	98 909	88 865,175	1 601 225,269	18,019	17,551	52	74	77 704	4 800,839	42 900,979	8,936	8,469
3	25	98 868	84 197,034	1 512 360,094	17,962	17,495	53	75	75 802	4 439,152	38 100,139	8,583	8,116
4	26	98 831	79 777,783	1 428 163,060	17,902	17,435	54	76	73 688	4 090,371	33 660,987	8,229	7,762
5	27	98 790	75 587,656	1 348 385,277	17,839	17,372	55	77	71 360	3 754,637	29 570,617	7,876	7,409
6	28	98 753	71 620,285	1 272 797,621	17,771	17,304	56	78	68 816	3 432,012	25 815,980	7,522	7,055
7	29	98 717	67 861,739	1 201 177,336	17,700	17,233	57	79	66 031	3 121,473	22 383,968	7,171	6,704
8	30	98 680	64 299,863	1 133 315,597	17,625	17,158	58	80	63 046	2 824,960	19 262,494	6,819	6,351
9	31	98 644	60 925,153	1 069 015,734	17,546	17,079	59	81	59 778	2 538,897	16 437,534	6,474	6,007
10	32	98 603	57 725,177	1 008 090,581	17,464	16,996	60	82	56 274	2 265,471	13 898,637	6,135	5,668
11	33	98 560	54 691,966	950 365,405	17,377	16,910	61	83	52 511	2 003,776	11 633,166	5,806	5,338
12	34	98 515	51 816,932	895 673,438	17,285	16,818	62	84	48 548	1 755,971	9 629,390	5,484	5,017
13	35	98 464	49 090,509	843 856,507	17,190	16,723	63	85	44 403	1 522,335	7 873,420	5,172	4,705
14	36	98 414	46 507,387	794 765,997	17,089	16,622	64	86	40 082	1 302,557	6 351,085	4,876	4,409
15	37	98 352	44 055,008	748 258,611	16,985	16,517	65	87	35 688	1 099,294	5 048,528	4,593	4,125
16	38	98 280	41 727,971	704 203,603	16,876	16,409	66	88	31 104	908,131	3 949,234	4,349	3,882
17	39	98 193	39 517,539	662 475,632	16,764	16,297	67	89	26 748	740,242	3 041,103	4,108	3,641
18	40	98 091	37 418,260	622 958,093	16,649	16,181	68	90	22 595	592,701	2 300,861	3,882	3,415
19	41	97 966	35 422,567	585 539,834	16,530	16,063	69	91	18 868	469,140	1 708,160	3,641	3,174
20	42	97 832	33 529,698	550 117,267	16,407	15,940	70	92	15 264	359,740	1 239,020	3,444	2,977
21	43	97 681	31 732,672	516 587,569	16,279	15,812	71	93	12 087	270,022	879,280	3,256	2,789
22	44	97 522	30 029,669	484 854,896	16,146	15,679	72	94	9 339	197,750	609,258	3,081	2,614
23	45	97 357	28 415,956	454 825,227	16,006	15,539	73	95	7 024	140,969	411,508	2,919	2,452
24	46	97 172	26 883,311	426 409,271	15,861	15,394	74	96	5 137	97,721	270,538	2,768	2,301
25	47	96 966	25 427,633	399 525,960	15,712	15,245	75	97	3 644	65,713	172,818	2,630	2,163
26	48	96 740	24 045,935	374 098,327	15,558	15,090	76	98	2 506	42,829	107,105	2,501	2,034
27	49	96 502	22 736,228	350 052,392	15,396	14,929	77	99	1 666	26,996	64,276	2,381	1,914
28	50	96 239	21 492,230	327 316,163	15,230	14,762	78	100	1 069	16,416	37,280	2,271	1,804
29	51	95 954	20 311,589	305 823,934	15,057	14,589							
30	52	95 654	19 192,381	285 512,345	14,876	14,409							
31	53	95 325	18 129,373	266 319,963	14,690	14,223							
32	54	94 965	17 119,315	248 190,591	14,498	14,031							
33	55	94 592	16 163,062	231 071,276	14,296	13,829							
34	56	94 183	15 254,235	214 908,214	14,088	13,621							
35	57	93 750	14 392,512	199 653,979	13,872	13,405							
36	58	93 283	13 574,141	185 261,467	13,648	13,181							
37	59	92 773	12 796,134	171 687,326	13,417	12,950							
38	60	92 238	12 059,158	158 891,192	13,176	12,709							
39	61	91 635	11 355,742	146 832,034	12,930	12,463							
40	62	91 007	10 689,976	135 476,292	12,673	12,206							
41	63	90 313	10 055,371	124 786,316	12,410	11,943							
42	64	89 577	9 453,534	114 730,945	12,136	11,669							
43	65	88 789	8 881,870	105 277,412	11,853	11,386							
44	66	87 932	8 337,587	96 395,541	11,562	11,094							
45	67	87 024	7 821,286	88 057,954	11,259	10,792							
46	68	86 031	7 328,965	80 236,668	10,948	10,481							
47	69	84 954	6 859,893	72 907,704	10,628	10,161							
48	70	83 762	6 411,060	66 047,811	10,302	9,835							
49	71	82 469	5 983,024	59 636,751	9,968	9,500							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 789 770,758	18,011	17,544	50	73	79 797	5 487,394	51 153,964	9,322	8,855
1	24	98 944	93 786,142	1 690 400,233	18,024	17,557	51	74	78 079	5 089,320	45 666,571	8,973	8,506
2	25	98 887	88 844,972	1 596 614,091	17,971	17,504	52	75	76 203	4 708,068	40 577,251	8,619	8,151
3	26	98 846	84 178,271	1 507 769,120	17,912	17,444	53	76	74 113	4 340,243	35 869,183	8,264	7,797
4	27	98 804	79 756,470	1 423 590,849	17,849	17,382	54	77	71 820	3 986,689	31 528,941	7,909	7,441
5	28	98 765	75 568,145	1 343 834,379	17,783	17,316	55	78	69 294	3 645,924	27 542,251	7,554	7,087
6	29	98 727	71 601,683	1 268 266,235	17,713	17,246	56	79	66 527	3 317,870	23 896,327	7,202	6,735
7	30	98 690	67 842,917	1 196 664,552	17,639	17,172	57	80	63 552	3 004,260	20 578,458	6,850	6,383
8	31	98 653	64 282,216	1 128 821,635	17,560	17,093	58	81	60 311	2 702,433	17 574,197	6,503	6,036
9	32	98 611	60 905,290	1 064 539,418	17,479	17,011	59	82	56 819	2 413,232	14 871,765	6,163	5,695
10	33	98 569	57 705,184	1 003 634,129	17,392	16,925	60	83	53 074	2 136,639	12 458,532	5,831	5,364
11	34	98 524	54 672,179	945 928,945	17,302	16,835	61	84	49 100	1 873,612	10 321,894	5,509	5,042
12	35	98 475	51 795,903	891 256,766	17,207	16,740	62	85	44 956	1 626,054	8 448,282	5,196	4,728
13	36	98 423	49 069,589	839 460,863	17,108	16,640	63	86	40 616	1 392,486	6 822,228	4,899	4,432
14	37	98 368	46 485,700	790 391,273	17,003	16,536	64	87	36 209	1 176,667	5 429,741	4,615	4,147
15	38	98 300	44 031,804	743 905,574	16,893	16,428	65	88	31 596	973,247	4 253,074	4,370	3,903
16	39	98 222	41 703,369	699 873,770	16,782	16,315	66	89	27 201	794,195	3 279,827	4,130	3,663
17	40	98 124	39 489,747	658 170,400	16,667	16,200	67	90	23 009	636,779	2 485,632	3,903	3,436
18	41	98 021	37 391,588	618 680,653	16,546	16,079	68	91	19 246	504,865	1 848,853	3,662	3,195
19	42	97 885	35 393,132	581 289,065	16,424	15,957	69	92	15 601	387,911	1 343,988	3,465	2,997
20	43	97 739	33 497,981	545 895,933	16,296	15,829	70	93	12 379	291,755	956,077	3,277	2,810
21	44	97 577	31 699,177	512 397,952	16,164	15,697	71	94	9 587	214,159	664,322	3,102	2,635
22	45	97 412	29 995,711	480 698,776	16,026	15,558	72	95	7 234	153,179	450,163	2,939	2,472
23	46	97 226	28 377,522	450 703,065	15,882	15,415	73	96	5 307	106,510	296,984	2,788	2,321
24	47	97 021	26 841,617	422 325,543	15,734	15,267	74	97	3 781	71,923	190,474	2,648	2,181
25	48	96 797	25 383,506	395 483,926	15,580	15,113	75	98	2 609	47,053	118,551	2,519	2,052
26	49	96 561	24 001,379	370 100,420	15,420	14,953	76	99	1 743	29,797	71,498	2,399	1,932
27	50	96 300	22 688,663	346 099,041	15,254	14,787	77	100	1 125	18,225	41,701	2,288	1,821
28	51	96 014	21 442,014	323 410,379	15,083	14,616							
29	52	95 715	20 260,997	301 968,365	14,904	14,437							
30	53	95 389	19 139,202	281 707,367	14,719	14,252							
31	54	95 036	18 074,274	262 568,165	14,527	14,060							
32	55	94 663	17 064,770	244 493,891	14,327	13,860							
33	56	94 252	16 104,915	227 429,121	14,122	13,655							
34	57	93 826	15 196,378	211 324,206	13,906	13,439							
35	58	93 363	14 333,124	196 127,828	13,684	13,216							
36	59	92 857	13 512,247	181 794,704	13,454	12,987							
37	60	92 329	12 734,990	168 282,457	13,214	12,747							
38	61	91 734	11 993,220	155 547,467	12,970	12,502							
39	62	91 114	11 291,179	143 554,247	12,714	12,247							
40	63	90 436	10 622,899	132 263,068	12,451	11,984							
41	64	89 710	9 988,315	121 640,169	12,178	11,711							
42	65	88 933	9 385,508	111 651,854	11,896	11,429							
43	66	88 102	8 813,103	102 266,346	11,604	11,137							
44	67	87 210	8 269,054	93 453,243	11,302	10,834							
45	68	86 239	7 750,741	85 184,189	10,990	10,523							
46	69	85 188	7 257,176	77 433,448	10,670	10,203							
47	70	84 022	6 784,656	70 176,272	10,343	9,876							
48	71	82 761	6 334,460	63 391,616	10,007	9,540							
49	72	81 369	5 903,192	57 057,156	9,665	9,198							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 784 847,909	17,966	17,498	50	74	78 414	5 392,267	48 575,123	9,008	8,541
1	25	98 922	93 764,819	1 685 499,987	17,976	17,509	51	75	76 570	4 990,973	43 182,855	8,652	8,185
2	26	98 865	88 825,173	1 591 735,168	17,920	17,453	52	76	74 505	4 603,166	38 191,882	8,297	7,830
3	27	98 819	84 155,782	1 502 909,995	17,859	17,391	53	77	72 234	4 230,227	33 588,715	7,940	7,473
4	28	98 779	79 735,882	1 418 754,213	17,793	17,326	54	78	69 740	3 871,257	29 358,488	7,584	7,117
5	29	98 739	75 548,517	1 339 018,331	17,724	17,257	55	79	66 989	3 524,668	25 487,230	7,231	6,764
6	30	98 700	71 581,824	1 263 469,814	17,651	17,184	56	80	64 029	3 193,282	21 962,563	6,878	6,411
7	31	98 663	67 824,298	1 191 887,990	17,573	17,106	57	81	60 795	2 873,956	18 769,281	6,531	6,064
8	32	98 621	64 261,259	1 124 063,693	17,492	17,025	58	82	57 326	2 568,674	15 895,325	6,188	5,721
9	33	98 577	60 884,196	1 059 802,434	17,407	16,940	59	83	53 588	2 275,997	13 326,652	5,855	5,388
10	34	98 533	57 684,307	998 918,238	17,317	16,850	60	84	49 626	1 997,844	11 050,655	5,531	5,064
11	35	98 484	54 649,992	941 233,932	17,223	16,756	61	85	45 467	1 734,992	9 052,810	5,218	4,751
12	36	98 433	51 773,830	886 583,940	17,124	16,657	62	86	41 121	1 487,359	7 317,819	4,920	4,453
13	37	98 377	49 046,707	834 810,110	17,021	16,554	63	87	36 690	1 257,905	5 830,460	4,635	4,168
14	38	98 316	46 461,216	785 763,402	16,912	16,445	64	88	32 057	1 041,749	4 572,555	4,389	3,922
15	39	98 242	44 005,844	739 302,187	16,800	16,333	65	89	27 632	851,142	3 530,807	4,148	3,681
16	40	98 153	41 674,041	695 296,343	16,684	16,217	66	90	23 399	683,191	2 679,665	3,922	3,455
17	41	98 054	39 461,599	653 622,302	16,564	16,096	67	91	19 599	542,411	1 996,474	3,681	3,214
18	42	97 939	37 360,516	614 160,702	16,439	15,972	68	92	15 914	417,450	1 454,063	3,483	3,016
19	43	97 792	35 359,652	576 800,186	16,312	15,845	69	93	12 653	314,603	1 036,613	3,295	2,828
20	44	97 636	33 462,622	541 440,534	16,180	15,713	70	94	9 818	231,396	722,010	3,120	2,653
21	45	97 467	31 663,331	507 977,912	16,043	15,576	71	95	7 426	165,889	490,614	2,957	2,490
22	46	97 280	29 955,140	476 314,581	15,901	15,434	72	96	5 466	115,735	324,725	2,806	2,339
23	47	97 075	28 333,511	446 359,441	15,754	15,287	73	97	3 906	78,392	208,990	2,666	2,199
24	48	96 853	26 795,036	418 025,931	15,601	15,134	74	98	2 707	51,500	130,598	2,536	2,069
25	49	96 618	25 336,471	391 230,895	15,441	14,974	75	99	1 815	32,736	79,098	2,416	1,949
26	50	96 359	23 951,167	365 894,424	15,277	14,809	76	100	1 177	20,116	46,362	2,305	1,838
27	51	96 075	22 635,651	341 943,258	15,106	14,639							
28	52	95 775	21 388,606	319 307,606	14,929	14,462							
29	53	95 450	20 204,857	297 919,000	14,745	14,278							
30	54	95 099	19 081,035	277 714,143	14,554	14,087							
31	55	94 733	18 016,687	258 633,108	14,355	13,888							
32	56	94 322	17 003,379	240 616,421	14,151	13,684							
33	57	93 894	16 043,830	223 613,042	13,938	13,470							
34	58	93 439	15 133,673	207 569,212	13,716	13,249							
35	59	92 938	14 267,770	192 435,538	13,487	13,020							
36	60	92 414	13 447,681	178 167,768	13,249	12,782							
37	61	91 824	12 665,356	164 720,087	13,006	12,538							
38	62	91 212	11 925,033	152 054,731	12,751	12,284							
39	63	90 542	11 220,330	140 129,698	12,489	12,022							
40	64	89 833	10 552,059	128 909,368	12,217	11,749							
41	65	89 065	9 916,441	118 357,309	11,935	11,468							
42	66	88 244	9 312,841	108 440,868	11,644	11,177							
43	67	87 378	8 740,661	99 128,027	11,341	10,874							
44	68	86 423	8 194,470	90 387,366	11,030	10,563							
45	69	85 394	7 674,821	82 192,896	10,709	10,242							
46	70	84 254	7 177,582	74 518,074	10,382	9,915							
47	71	83 018	6 703,591	67 340,492	10,045	9,578							
48	72	81 657	6 249,939	60 636,901	9,702	9,235							
49	73	80 110	5 811,839	54 386,962	9,358	8,891							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 779 643,292	17,917	17,450	50	75	76 899	5 288,067	45 923,171	8,684	8,217
1	26	98 900	93 743,924	1 680 317,957	17,925	17,457	51	76	74 864	4 879,769	40 635,104	8,327	7,860
2	27	98 838	88 801,443	1 586 574,033	17,867	17,399	52	77	72 616	4 486,487	35 755,335	7,970	7,502
3	28	98 794	84 134,059	1 497 772,590	17,802	17,335	53	78	70 143	4 107,744	31 268,848	7,612	7,145
4	29	98 753	79 715,172	1 413 638,531	17,734	17,266	54	79	67 421	3 742,507	27 161,104	7,257	6,790
5	30	98 712	75 527,563	1 333 923,359	17,661	17,194	55	80	64 474	3 392,314	23 418,597	6,903	6,436
6	31	98 673	71 562,179	1 258 395,796	17,585	17,117	56	81	61 252	3 054,779	20 026,283	6,556	6,089
7	32	98 630	67 802,185	1 186 833,618	17,504	17,037	57	82	57 786	2 731,707	16 971,504	6,213	5,746
8	33	98 587	64 239,002	1 119 031,432	17,420	16,953	58	83	54 066	2 422,599	14 239,797	5,878	5,411
9	34	98 542	60 862,168	1 054 792,430	17,331	16,864	59	84	50 107	2 128,150	11 817,198	5,553	5,086
10	35	98 493	57 660,897	993 930,262	17,238	16,770	60	85	45 954	1 850,032	9 689,048	5,237	4,770
11	36	98 442	54 626,702	936 269,365	17,139	16,672	61	86	41 589	1 587,005	7 839,016	4,940	4,472
12	37	98 387	51 749,687	881 642,662	17,037	16,569	62	87	37 147	1 343,608	6 252,011	4,653	4,186
13	38	98 325	49 020,874	829 892,975	16,929	16,462	63	88	32 483	1 113,671	4 908,403	4,407	3,940
14	39	98 258	46 433,823	780 872,101	16,817	16,350	64	89	28 035	911,049	3 794,732	4,165	3,698
15	40	98 173	43 974,897	734 438,277	16,701	16,234	65	90	23 770	732,179	2 883,683	3,938	3,471
16	41	98 083	41 644,336	690 463,381	16,580	16,113	66	91	19 932	581,945	2 151,505	3,697	3,230
17	42	97 973	39 428,808	648 819,045	16,455	15,988	67	92	16 206	448,496	1 569,560	3,500	3,032
18	43	97 847	37 325,175	609 390,237	16,327	15,859	68	93	12 906	338,559	1 121,065	3,311	2,844
19	44	97 689	35 322,328	572 065,062	16,196	15,728	69	94	10 035	249,517	782,505	3,136	2,669
20	45	97 525	33 424,782	536 742,734	16,058	15,591	70	95	7 605	179,241	532,989	2,974	2,506
21	46	97 335	31 620,504	503 317,952	15,917	15,450	71	96	5 611	125,338	353,747	2,822	2,355
22	47	97 130	29 908,682	471 697,448	15,771	15,304	72	97	4 023	85,182	228,409	2,681	2,214
23	48	96 906	28 284,340	441 788,766	15,620	15,152	73	98	2 797	56,132	143,228	2,552	2,084
24	49	96 674	26 745,385	413 504,426	15,461	14,994	74	99	1 883	35,830	87,095	2,431	1,964
25	50	96 416	25 283,465	386 759,040	15,297	14,830	75	100	1 226	22,100	51,266	2,320	1,853
26	51	96 133	23 895,206	361 475,575	15,128	14,660							
27	52	95 835	22 579,271	337 580,370	14,951	14,484							
28	53	95 509	21 329,342	315 001,099	14,768	14,301							
29	54	95 160	20 143,451	293 671,757	14,579	14,112							
30	55	94 796	19 020,240	273 528,306	14,381	13,914							
31	56	94 392	17 951,871	254 508,066	14,177	13,710							
32	57	93 964	16 938,887	236 556,195	13,965	13,498							
33	58	93 507	15 977,629	219 617,308	13,745	13,278							
34	59	93 013	15 064,669	203 639,679	13,518	13,051							
35	60	92 494	14 199,594	188 575,010	13,280	12,813							
36	61	91 908	13 374,151	174 375,416	13,038	12,571							
37	62	91 302	12 593,348	161 001,265	12,785	12,317							
38	63	90 640	11 850,206	148 407,917	12,524	12,056							
39	64	89 939	11 145,505	136 557,711	12,252	11,785							
40	65	89 187	10 476,128	125 412,206	11,971	11,504							
41	66	88 375	9 839,663	114 936,078	11,681	11,214							
42	67	87 519	9 236,292	105 096,414	11,379	10,911							
43	68	86 589	8 661,824	95 860,122	11,067	10,600							
44	69	85 576	8 114,204	87 198,299	10,746	10,279							
45	70	84 458	7 590,647	79 084,094	10,419	9,951							
46	71	83 247	7 091,823	71 493,448	10,081	9,614							
47	72	81 910	6 614,145	64 401,625	9,737	9,270							
48	73	80 393	6 153,220	57 787,480	9,391	8,924							
49	74	78 721	5 711,089	51 634,260	9,041	8,574							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	6 408,908	87 431,320	13,642	13,175
1	0	99 594	94 401,715	1 750 491,523	18,543	18,076	51	50	92 606	6 036,188	81 022,412	13,423	12,956
2	1	99 240	89 162,249	1 656 089,809	18,574	18,107	52	51	91 946	5 680,733	74 986,224	13,200	12,733
3	2	99 192	84 473,687	1 566 927,560	18,549	18,082	53	52	91 234	5 342,919	69 305,491	12,971	12,504
4	3	99 162	80 044,849	1 482 453,874	18,520	18,053	54	53	90 460	5 021,370	63 962,572	12,738	12,271
5	4	99 133	75 850,085	1 402 409,025	18,489	18,022	55	54	89 607	4 714,720	58 941,202	12,502	12,034
6	5	99 110	71 878,881	1 326 558,940	18,455	17,988	56	55	88 705	4 423,959	54 226,483	12,257	11,790
7	6	99 090	68 118,295	1 254 680,059	18,419	17,952	57	56	87 728	4 147,116	49 802,523	12,009	11,542
8	7	99 073	64 555,684	1 186 561,764	18,380	17,913	58	57	86 699	3 884,818	45 655,407	11,752	11,285
9	8	99 055	61 179,227	1 122 006,081	18,340	17,872	59	58	85 578	3 634,671	41 770,590	11,492	11,025
10	9	99 040	57 981,209	1 060 826,854	18,296	17,829	60	59	84 370	3 396,563	38 135,918	11,228	10,761
11	10	99 025	54 950,089	1 002 845,645	18,250	17,783	61	60	83 076	3 170,134	34 739,355	10,958	10,491
12	11	99 008	52 076,133	947 895,555	18,202	17,735	62	61	81 693	2 954,840	31 569,221	10,684	10,217
13	12	98 989	49 352,182	895 819,423	18,152	17,684	63	62	80 230	2 750,635	28 614,381	10,403	9,936
14	13	98 973	46 771,638	846 467,241	18,098	17,631	64	63	78 680	2 556,849	25 863,747	10,115	9,648
15	14	98 947	44 321,634	799 695,603	18,043	17,576	65	64	77 032	2 372,791	23 306,897	9,823	9,355
16	15	98 915	41 997,437	755 373,969	17,986	17,519	66	65	75 285	2 198,104	20 934,106	9,524	9,057
17	16	98 872	39 790,798	713 376,532	17,928	17,461	67	66	73 457	2 032,916	18 736,001	9,216	8,749
18	17	98 823	37 697,457	673 585,733	17,868	17,401	68	67	71 540	1 876,643	16 703,085	8,901	8,433
19	18	98 750	35 706,060	635 888,276	17,809	17,342	69	68	69 501	1 728,122	14 826,442	8,580	8,112
20	19	98 675	33 818,762	600 182,216	17,747	17,280	70	69	67 333	1 586,923	13 098,321	8,254	7,787
21	20	98 595	32 029,659	566 363,454	17,682	17,215	71	70	65 024	1 452,601	11 511,398	7,925	7,457
22	21	98 518	30 336,344	534 333,794	17,614	17,146	72	71	62 587	1 325,277	10 058,797	7,590	7,123
23	22	98 442	28 732,438	503 997,450	17,541	17,074	73	72	59 955	1 203,370	8 733,519	7,258	6,790
24	23	98 365	27 213,284	475 265,013	17,464	16,997	74	73	57 135	1 086,982	7 530,150	6,928	6,460
25	24	98 286	25 773,857	448 051,729	17,384	16,917	75	74	54 118	975,909	6 443,167	6,602	6,135
26	25	98 205	24 410,167	422 277,872	17,299	16,832	76	75	50 964	871,126	5 467,258	6,276	5,809
27	26	98 123	23 118,315	397 867,705	17,210	16,743	77	76	47 628	771,661	4 596,132	5,956	5,489
28	27	98 035	21 893,375	374 749,390	17,117	16,650	78	77	44 114	677,463	3 824,471	5,645	5,178
29	28	97 949	20 733,801	352 856,015	17,018	16,551	79	78	40 454	588,861	3 147,009	5,344	4,877
30	29	97 861	19 635,147	332 122,215	16,915	16,447	80	79	36 739	506,908	2 558,148	5,047	4,579
31	30	97 768	18 593,991	312 487,068	16,806	16,339	81	80	32 958	431,037	2 051,240	4,759	4,292
32	31	97 669	17 606,739	293 893,076	16,692	16,225	82	81	29 168	361,585	1 620,203	4,481	4,014
33	32	97 564	16 670,956	276 286,337	16,573	16,106	83	82	25 442	298,946	1 258,619	4,210	3,743
34	33	97 460	15 784,909	259 615,381	16,447	15,980	84	83	21 828	243,116	959,673	3,947	3,480
35	34	97 346	14 944,502	243 830,472	16,316	15,849	85	84	18 364	193,865	716,557	3,696	3,229
36	35	97 222	14 147,400	228 885,970	16,179	15,711	86	85	15 087	150,968	522,692	3,462	2,995
37	36	97 092	13 391,916	214 738,570	16,035	15,568	87	86	12 066	114,448	371,724	3,248	2,781
38	37	96 951	12 675,309	201 346,654	15,885	15,418	88	87	9 354	84,093	257,275	3,059	2,592
39	38	96 796	11 995,254	188 671,345	15,729	15,262	89	88	7 032	59,925	173,182	2,890	2,423
40	39	96 625	11 349,867	176 676,091	15,566	15,099	90	89	5 139	41,511	113,257	2,728	2,261
41	40	96 425	10 735,945	165 326,224	15,399	14,932	91	90	3 670	28,099	71,746	2,553	2,086
42	41	96 213	10 153,892	154 590,279	15,225	14,758	92	91	2 519	18,281	43,647	2,388	1,920
43	42	95 978	9 601,037	144 436,386	15,044	14,577	93	92	1 630	11,215	25,365	2,262	1,794
44	43	95 703	9 074,416	134 835,349	14,859	14,392	94	93	1 013	6,603	14,150	2,143	1,676
45	44	95 399	8 573,978	125 760,934	14,668	14,201	95	94	600	3,708	7,548	2,035	1,568
46	45	95 061	8 098,235	117 186,956	14,471	14,003	96	95	338	1,982	3,839	1,937	1,470
47	46	94 671	7 644,555	109 088,721	14,270	13,803	97	96	181	1,005	1,858	1,849	1,381
48	47	94 232	7 212,406	101 444,166	14,065	13,598	98	97	92	0,482	0,853	1,768	1,301
49	48	93 736	6 800,440	94 231,760	13,857	13,390	99	98	44	0,219	0,370	1,695	1,227
							100	99	20	0,093	0,152	1,628	1,161

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	6 420,805	88 049,670	13,713	13,246
1							51	49	92 800	6 048,843	81 628,865	13,495	13,028
2	0	99 558	89 448,449	1 657 319,003	18,528	18,061	52	50	92 161	5 694,037	75 580,021	13,274	12,806
3	1	99 221	84 497,712	1 567 870,554	18,555	18,088	53	51	91 462	5 356,260	69 885,985	13,048	12,580
4	2	99 178	80 057,756	1 483 372,842	18,529	18,062	54	52	90 711	5 035,322	64 529,725	12,815	12,348
5	3	99 147	75 860,962	1 403 315,086	18,499	18,031	55	53	89 880	4 729,092	59 494,403	12,581	12,113
6	4	99 122	71 887,496	1 327 454,124	18,466	17,999	56	54	88 989	4 438,100	54 765,310	12,340	11,873
7	5	99 099	68 124,458	1 255 566,628	18,430	17,963	57	55	88 044	4 162,090	50 327,211	12,092	11,625
8	6	99 081	64 560,860	1 187 442,170	18,393	17,925	58	56	87 029	3 899,608	46 165,121	11,838	11,371
9	7	99 063	61 184,339	1 122 881,310	18,352	17,885	59	57	85 932	3 649,731	42 265,513	11,580	11,113
10	8	99 046	57 984,811	1 061 696,972	18,310	17,843	60	58	84 756	3 412,121	38 615,782	11,317	10,850
11	9	99 031	54 953,578	1 003 712,161	18,265	17,798	61	59	83 475	3 185,355	35 203,660	11,052	10,585
12	10	99 016	52 080,328	948 758,583	18,217	17,750	62	60	82 142	2 971,085	32 018,306	10,777	10,309
13	11	98 997	49 356,102	896 678,255	18,168	17,700	63	61	80 689	2 766,363	29 047,220	10,500	10,033
14	12	98 981	46 775,224	847 322,153	18,115	17,648	64	62	79 176	2 572,994	26 280,858	10,214	9,747
15	13	98 957	44 325,995	800 546,930	18,060	17,593	65	63	77 549	2 388,721	23 707,863	9,925	9,458
16	14	98 927	42 002,637	756 220,935	18,004	17,537	66	64	75 831	2 214,036	21 319,142	9,629	9,162
17	15	98 886	39 796,193	714 218,298	17,947	17,480	67	65	74 030	2 048,779	19 105,106	9,325	8,858
18	16	98 839	37 703,518	674 422,105	17,888	17,420	68	66	72 133	1 892,196	17 056,328	9,014	8,547
19	17	98 768	35 712,329	636 718,587	17,829	17,362	69	67	70 134	1 743,851	15 164,131	8,696	8,229
20	18	98 697	33 826,151	601 006,258	17,768	17,300	70	68	67 999	1 602,621	13 420,281	8,374	7,907
21	19	98 616	32 036,549	567 180,107	17,704	17,237	71	69	65 745	1 468,710	11 817,660	8,046	7,579
22	20	98 539	30 342,746	535 143,558	17,637	17,169	72	70	63 344	1 341,304	10 348,950	7,716	7,248
23	21	98 463	28 738,649	504 800,812	17,565	17,098	73	71	60 766	1 219,643	9 007,647	7,385	6,918
24	22	98 387	27 219,539	476 062,162	17,490	17,023	74	72	58 033	1 104,068	7 788,003	7,054	6,587
25	23	98 308	25 779,721	448 842,624	17,411	16,943	75	73	55 073	993,126	6 683,936	6,730	6,263
26	24	98 228	24 415,718	423 062,903	17,327	16,860	76	74	51 969	888,291	5 690,810	6,406	5,939
27	25	98 145	23 123,468	398 647,185	17,240	16,773	77	75	48 714	789,246	4 802,519	6,085	5,618
28	26	98 061	21 899,225	375 523,717	17,148	16,681	78	76	45 261	695,081	4 013,273	5,774	5,307
29	27	97 974	20 739,154	353 624,492	17,051	16,584	79	77	41 660	606,419	3 318,191	5,472	5,005
30	28	97 886	19 640,248	332 885,338	16,949	16,482	80	78	38 003	524,346	2 711,772	5,172	4,705
31	29	97 796	18 599,150	313 245,089	16,842	16,375	81	79	34 244	447,854	2 187,426	4,884	4,417
32	30	97 696	17 611,572	294 645,939	16,730	16,263	82	80	30 491	377,979	1 739,571	4,602	4,135
33	31	97 596	16 676,393	277 034,367	16,612	16,145	83	81	26 767	314,513	1 361,593	4,329	3,862
34	32	97 494	15 790,378	260 357,974	16,488	16,021	84	82	23 144	257,775	1 047,080	4,062	3,595
35	33	97 381	14 949,910	244 567,596	16,359	15,892	85	83	19 639	207,333	789,305	3,807	3,340
36	34	97 262	14 153,144	229 617,685	16,224	15,757	86	84	16 292	163,030	581,972	3,570	3,103
37	35	97 133	13 397,626	215 464,541	16,082	15,615	87	85	13 191	125,121	418,942	3,348	2,881
38	36	96 996	12 681,222	202 066,916	15,934	15,467	88	86	10 354	93,090	293,821	3,156	2,689
39	37	96 847	12 001,575	189 385,693	15,780	15,313	89	87	7 943	67,686	200,731	2,966	2,498
40	38	96 682	11 356,562	177 384,118	15,620	15,152	90	88	5 876	47,466	133,045	2,803	2,336
41	39	96 493	10 743,500	166 027,555	15,454	14,987	91	89	4 266	32,665	85,578	2,620	2,153
42	40	96 282	10 161,135	155 284,055	15,282	14,815	92	90	2 957	21,462	52,913	2,465	1,998
43	41	96 058	9 609,022	145 122,920	15,103	14,636	93	91	1 972	13,564	31,452	2,319	1,852
44	42	95 794	9 083,008	135 513,898	14,919	14,452	94	92	1 249	8,141	17,888	2,197	1,730
45	43	95 500	8 583,038	126 430,890	14,730	14,263	95	93	756	4,675	9,747	2,085	1,617
46	44	95 169	8 107,403	117 847,853	14,536	14,069	96	94	437	2,558	5,071	1,982	1,515
47	45	94 799	7 654,909	109 740,450	14,336	13,869	97	95	240	1,330	2,513	1,889	1,422
48	46	94 378	7 223,610	102 085,541	14,132	13,665	98	96	125	0,655	1,183	1,805	1,338
49	47	93 899	6 812,262	94 861,932	13,925	13,458	99	97	61	0,305	0,528	1,728	1,261
							100	98	28	0,134	0,222	1,659	1,191

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	6 431,967	88 620,269	13,778	13,311
1							51	48	92 972	6 060,072	82 188,301	13,562	13,095
2							52	49	92 354	5 705,974	76 128,229	13,342	12,875
3	0	99 539	84 768,940	1 569 008,618	18,509	18,042	53	50	91 676	5 368,804	70 422,255	13,117	12,650
4	1	99 206	80 080,525	1 484 239,678	18,534	18,067	54	51	90 938	5 047,895	65 053,451	12,887	12,420
5	2	99 163	75 873,194	1 404 159,153	18,507	18,039	55	52	90 130	4 742,232	60 005,556	12,653	12,186
6	3	99 136	71 897,805	1 328 285,959	18,475	18,007	56	53	89 260	4 451,629	55 263,324	12,414	11,947
7	4	99 111	68 132,623	1 256 388,153	18,440	17,973	57	54	88 326	4 175,393	50 811,695	12,169	11,702
8	5	99 090	64 566,701	1 188 255,530	18,404	17,936	58	55	87 343	3 913,688	46 636,302	11,916	11,449
9	6	99 071	61 189,245	1 123 688,830	18,364	17,897	59	56	86 259	3 663,627	42 722,614	11,661	11,194
10	7	99 055	57 989,655	1 062 499,585	18,322	17,855	60	57	85 107	3 426,259	39 058,987	11,400	10,933
11	8	99 038	54 956,991	1 004 509,930	18,278	17,811	61	58	83 858	3 199,945	35 632,728	11,135	10,668
12	9	99 022	52 083,635	949 552,939	18,231	17,764	62	59	82 537	2 985,350	32 432,782	10,864	10,397
13	10	99 005	49 360,078	897 469,304	18,182	17,715	63	60	81 133	2 781,572	29 447,432	10,587	10,119
14	11	98 989	46 778,939	848 109,226	18,130	17,663	64	61	79 629	2 587,707	26 665,860	10,305	9,838
15	12	98 964	44 329,393	801 330,287	18,077	17,610	65	62	78 039	2 403,804	24 078,153	10,017	9,550
16	13	98 937	42 006,769	757 000,894	18,021	17,554	66	63	76 340	2 228,900	21 674,349	9,724	9,257
17	14	98 898	39 801,120	714 994,125	17,964	17,497	67	64	74 567	2 063,628	19 445,449	9,423	8,956
18	15	98 852	37 708,630	675 193,005	17,906	17,438	68	65	72 696	1 906,961	17 381,821	9,115	8,648
19	16	98 784	35 718,071	637 484,375	17,848	17,380	69	66	70 715	1 758,303	15 474,860	8,801	8,334
20	17	98 714	33 832,090	601 766,303	17,787	17,320	70	67	68 618	1 617,207	13 716,557	8,482	8,014
21	18	98 638	32 043,548	567 934,213	17,724	17,257	71	68	66 395	1 483,238	12 099,350	8,157	7,690
22	19	98 560	30 349,273	535 890,665	17,657	17,190	72	69	64 046	1 356,178	10 616,111	7,828	7,361
23	20	98 484	28 744,714	505 541,392	17,587	17,120	73	70	61 501	1 234,392	9 259,934	7,502	7,034
24	21	98 409	27 225,423	476 796,678	17,513	17,046	74	71	58 818	1 118,999	8 025,542	7,172	6,705
25	22	98 331	25 785,646	449 571,255	17,435	16,968	75	72	55 939	1 008,736	6 906,543	6,847	6,380
26	23	98 250	24 421,272	423 785,608	17,353	16,886	76	73	52 886	903,962	5 897,807	6,524	6,057
27	24	98 168	23 128,726	399 364,336	17,267	16,800	77	74	49 674	804,798	4 993,845	6,205	5,738
28	25	98 083	21 904,107	376 235,610	17,176	16,709	78	75	46 293	710,922	4 189,047	5,892	5,425
29	26	98 001	20 744,696	354 331,503	17,081	16,613	79	76	42 743	622,190	3 478,126	5,590	5,123
30	27	97 911	19 645,319	333 586,807	16,980	16,513	80	77	39 136	539,981	2 855,935	5,289	4,822
31	28	97 821	18 603,982	313 941,488	16,875	16,408	81	78	35 422	463,262	2 315,954	4,999	4,532
32	29	97 723	17 616,459	295 337,506	16,765	16,298	82	79	31 680	392,726	1 852,693	4,718	4,250
33	30	97 623	16 680,971	277 721,047	16,649	16,182	83	80	27 980	328,773	1 459,967	4,441	3,973
34	31	97 525	15 795,528	261 040,076	16,526	16,059	84	81	24 350	271,198	1 131,194	4,171	3,704
35	32	97 415	14 955,090	245 244,548	16,399	15,932	85	82	20 824	219,834	859,996	3,912	3,445
36	33	97 297	14 158,266	230 289,458	16,265	15,798	86	83	17 424	174,356	640,162	3,672	3,204
37	34	97 173	13 403,065	216 131,192	16,126	15,658	87	84	14 245	135,117	465,805	3,447	2,980
38	35	97 038	12 686,629	202 728,127	15,980	15,512	88	85	11 320	101,771	330,688	3,249	2,782
39	36	96 892	12 007,175	190 041,498	15,827	15,360	89	86	8 792	74,927	228,917	3,055	2,588
40	37	96 733	11 362,547	178 034,323	15,669	15,201	90	87	6 637	53,614	153,989	2,872	2,405
41	38	96 550	10 749,838	166 671,776	15,505	15,037	91	88	4 878	37,351	100,376	2,687	2,220
42	39	96 350	10 168,286	155 921,938	15,334	14,867	92	89	3 438	24,949	63,025	2,526	2,059
43	40	96 127	9 615,876	145 753,652	15,158	14,690	93	90	2 315	15,924	38,076	2,391	1,924
44	41	95 874	9 090,562	136 137,776	14,976	14,509	94	91	1 510	9,846	22,152	2,250	1,783
45	42	95 590	8 591,164	127 047,214	14,788	14,321	95	92	933	5,765	12,306	2,135	1,667
46	43	95 269	8 115,970	118 456,050	14,595	14,128	96	93	551	3,226	6,541	2,028	1,561
47	44	94 907	7 663,575	110 340,080	14,398	13,931	97	94	309	1,717	3,316	1,931	1,464
48	45	94 506	7 233,393	102 676,505	14,195	13,728	98	95	165	0,867	1,599	1,843	1,376
49	46	94 045	6 822,843	95 443,112	13,989	13,522	99	96	83	0,415	0,731	1,763	1,296
							100	97	40	0,187	0,316	1,690	1,223

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	6 441,958	89 146,014	13,838	13,371
1							51	47	93 134	6 070,607	82 704,055	13,624	13,157
2							52	48	92 526	5 716,566	76 633,448	13,406	12,938
3							53	49	91 869	5 380,060	70 916,882	13,181	12,714
4	0	99 524	80 337,574	1 485 292,987	18,488	18,021	54	50	91 150	5 059,717	65 536,822	12,953	12,485
5	1	99 191	75 894,773	1 404 955,413	18,512	18,045	55	51	90 355	4 754,074	60 477,105	12,721	12,254
6	2	99 152	71 909,398	1 329 060,640	18,482	18,015	56	52	89 508	4 463,998	55 723,031	12,483	12,016
7	3	99 125	68 142,394	1 257 151,241	18,449	17,982	57	53	88 595	4 188,121	51 259,033	12,239	11,772
8	4	99 102	64 574,440	1 189 008,848	18,413	17,946	58	54	87 622	3 926,197	47 070,912	11,989	11,522
9	5	99 080	61 194,780	1 124 434,408	18,375	17,907	59	55	86 571	3 676,854	43 144,714	11,734	11,267
10	6	99 063	57 994,305	1 063 239,628	18,334	17,866	60	56	85 432	3 439,304	39 467,860	11,476	11,008
11	7	99 046	54 961,583	1 005 245,323	18,290	17,823	61	57	84 205	3 213,204	36 028,556	11,213	10,745
12	8	99 028	52 086,870	950 283,740	18,244	17,777	62	58	82 915	2 999,025	32 815,352	10,942	10,475
13	9	99 011	49 363,212	898 196,870	18,196	17,728	63	59	81 522	2 794,927	29 816,327	10,668	10,201
14	10	98 996	46 782,708	848 833,658	18,144	17,677	64	60	80 067	2 601,934	27 021,400	10,385	9,918
15	11	98 972	44 332,914	802 050,950	18,092	17,624	65	61	78 485	2 417,549	24 419,466	10,101	9,634
16	12	98 945	42 009,989	757 718,036	18,037	17,569	66	62	76 822	2 242,974	22 001,917	9,809	9,342
17	13	98 908	39 805,036	715 708,047	17,980	17,513	67	63	75 068	2 077,482	19 758,943	9,511	9,044
18	14	98 864	37 713,299	675 903,011	17,922	17,455	68	64	73 223	1 920,782	17 681,461	9,205	8,738
19	15	98 797	35 722,914	638 189,712	17,865	17,398	69	65	71 267	1 772,023	15 760,679	8,894	8,427
20	16	98 730	33 837,530	602 466,798	17,805	17,338	70	66	69 187	1 630,610	13 988,655	8,579	8,112
21	17	98 655	32 049,174	568 629,269	17,742	17,275	71	67	66 999	1 496,738	12 358,045	8,257	7,789
22	18	98 582	30 355,904	536 580,094	17,676	17,209	72	68	64 680	1 369,593	10 861,307	7,930	7,463
23	19	98 505	28 750,897	506 224,191	17,607	17,140	73	69	62 183	1 248,081	9 491,714	7,605	7,138
24	20	98 430	27 231,169	477 473,294	17,534	17,067	74	70	59 529	1 132,530	8 243,633	7,279	6,812
25	21	98 352	25 791,221	450 242,125	17,457	16,990	75	71	56 695	1 022,378	7 111,103	6,955	6,488
26	22	98 273	24 426,885	424 450,904	17,376	16,909	76	72	53 717	918,170	6 088,725	6,631	6,164
27	23	98 190	23 133,988	400 024,018	17,292	16,824	77	73	50 550	818,996	5 170,555	6,313	5,846
28	24	98 105	21 909,088	376 890,030	17,202	16,735	78	74	47 205	724,930	4 351,559	6,003	5,536
29	25	98 022	20 749,320	354 980,942	17,108	16,641	79	75	43 717	636,369	3 626,629	5,699	5,232
30	26	97 937	19 650,569	334 231,622	17,009	16,542	80	76	40 154	554,024	2 990,259	5,397	4,930
31	27	97 846	18 608,786	314 581,053	16,905	16,438	81	77	36 478	477,075	2 436,235	5,107	4,639
32	28	97 749	17 621,035	295 972,268	16,797	16,329	82	78	32 770	406,237	1 959,160	4,823	4,356
33	29	97 650	16 685,599	278 351,232	16,682	16,215	83	79	29 072	341,600	1 552,924	4,546	4,079
34	30	97 552	15 799,864	261 665,633	16,561	16,094	84	80	25 454	283,494	1 211,323	4,273	3,806
35	31	97 447	14 959,967	245 865,769	16,435	15,968	85	81	21 908	231,282	927,829	4,012	3,544
36	32	97 331	14 163,172	230 905,802	16,303	15,836	86	82	18 475	184,870	696,547	3,768	3,301
37	33	97 208	13 407,916	216 742,630	16,165	15,698	87	83	15 235	144,504	511,678	3,541	3,074
38	34	97 077	12 691,779	203 334,714	16,021	15,554	88	84	12 224	109,902	367,174	3,341	2,874
39	35	96 933	12 012,294	190 642,935	15,871	15,403	89	85	9 612	81,914	257,272	3,141	2,674
40	36	96 778	11 367,848	178 630,641	15,714	15,246	90	86	7 348	59,350	175,357	2,955	2,487
41	37	96 601	10 755,503	167 262,793	15,551	15,084	91	87	5 510	42,189	116,007	2,750	2,283
42	38	96 407	10 174,285	156 507,290	15,383	14,915	92	88	3 931	28,528	73,819	2,588	2,120
43	39	96 194	9 622,643	146 333,006	15,207	14,740	93	89	2 691	18,511	45,291	2,447	1,980
44	40	95 942	9 097,046	136 710,362	15,028	14,561	94	90	1 773	11,559	26,780	2,317	1,850
45	41	95 670	8 598,309	127 613,316	14,842	14,374	95	91	1 128	6,972	15,221	2,183	1,716
46	42	95 360	8 123,654	119 015,007	14,650	14,183	96	92	679	3,977	8,249	2,074	1,607
47	43	95 007	7 671,673	110 891,353	14,455	13,987	97	93	390	2,165	4,272	1,973	1,506
48	44	94 613	7 241,582	103 219,680	14,254	13,787	98	94	213	1,120	2,107	1,881	1,414
49	45	94 172	6 832,084	95 978,098	14,048	13,581	99	95	110	0,549	0,987	1,798	1,331
							100	96	54	0,254	0,438	1,722	1,255

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	6 450,683	89 629,561	13,895	13,427
1							51	46	93 279	6 080,037	83 178,878	13,681	13,213
2							52	47	92 687	5 726,504	77 098,841	13,464	12,996
3							53	48	92 039	5 390,047	71 372,337	13,242	12,774
4							54	49	91 342	5 070,325	65 982,290	13,013	12,546
5	0	99 510	76 138,387	1 405 930,004	18,465	17,998	55	50	90 566	4 765,207	60 911,965	12,783	12,315
6	1	99 180	71 929,850	1 329 791,617	18,487	18,020	56	51	89 731	4 475,145	56 146,758	12,546	12,079
7	2	99 141	68 153,381	1 257 861,767	18,456	17,989	57	52	88 841	4 199,758	51 671,613	12,303	11,836
8	3	99 116	64 583,700	1 189 708,386	18,421	17,954	58	53	87 889	3 938,166	47 471,855	12,054	11,587
9	4	99 092	61 202,115	1 125 124,686	18,384	17,917	59	54	86 848	3 688,607	43 533,689	11,802	11,335
10	5	99 072	57 999,552	1 063 922,571	18,344	17,876	60	55	85 740	3 451,722	39 845,082	11,544	11,076
11	6	99 054	54 965,990	1 005 923,019	18,301	17,834	61	56	84 526	3 225,438	36 393,360	11,283	10,816
12	7	99 036	52 091,222	950 957,029	18,256	17,788	62	57	83 258	3 011,451	33 167,922	11,014	10,547
13	8	99 018	49 366,278	898 865,807	18,208	17,741	63	58	81 896	2 807,730	30 156,472	10,741	10,273
14	9	99 003	46 785,678	849 499,529	18,157	17,690	64	59	80 451	2 614,426	27 348,742	10,461	9,994
15	10	98 980	44 336,486	802 713,851	18,105	17,638	65	60	78 916	2 430,841	24 734,316	10,175	9,708
16	11	98 952	42 013,326	758 377,366	18,051	17,584	66	61	77 261	2 255,799	22 303,475	9,887	9,420
17	12	98 915	39 808,087	716 364,040	17,995	17,528	67	62	75 542	2 090,600	20 047,676	9,589	9,122
18	13	98 874	37 717,009	676 555,953	17,938	17,471	68	63	73 714	1 933,677	17 957,076	9,286	8,819
19	14	98 809	35 727,337	638 838,943	17,881	17,414	69	64	71 784	1 784,867	16 023,398	8,977	8,510
20	15	98 743	33 842,117	603 111,606	17,821	17,354	70	65	69 727	1 643,334	14 238,531	8,664	8,197
21	16	98 671	32 054,327	569 269,489	17,760	17,292	71	66	67 555	1 509,143	12 595,198	8,346	7,879
22	17	98 599	30 361,233	537 215,162	17,694	17,227	72	67	65 268	1 382,059	11 086,054	8,021	7,554
23	18	98 526	28 757,179	506 853,929	17,625	17,158	73	68	62 798	1 260,427	9 703,996	7,699	7,232
24	19	98 451	27 237,026	478 096,750	17,553	17,086	74	69	60 190	1 145,089	8 443,569	7,374	6,907
25	20	98 373	25 796,664	450 859,723	17,477	17,010	75	70	57 381	1 034,741	7 298,480	7,053	6,586
26	21	98 294	24 432,166	425 063,060	17,398	16,930	76	71	54 443	930,587	6 263,739	6,731	6,264
27	22	98 212	23 139,306	400 630,893	17,314	16,847	77	72	51 345	831,869	5 333,152	6,411	5,944
28	23	98 128	21 914,072	377 491,588	17,226	16,759	78	73	48 038	737,719	4 501,282	6,102	5,634
29	24	98 045	20 754,039	355 577,515	17,133	16,666	79	74	44 579	648,909	3 763,564	5,800	5,333
30	25	97 959	19 654,949	334 823,477	17,035	16,568	80	75	41 069	566,650	3 114,655	5,497	5,029
31	26	97 872	18 613,758	315 168,528	16,932	16,465	81	76	37 427	489,482	2 548,005	5,206	4,738
32	27	97 774	17 625,585	296 554,769	16,825	16,358	82	77	33 747	418,350	2 058,523	4,921	4,453
33	28	97 676	16 689,934	278 929,184	16,712	16,245	83	78	30 072	353,352	1 640,173	4,642	4,175
34	29	97 579	15 804,247	262 239,250	16,593	16,126	84	79	26 447	294,555	1 286,821	4,369	3,902
35	30	97 473	14 964,074	246 435,003	16,468	16,001	85	80	22 901	241,768	992,266	4,104	3,637
36	31	97 362	14 167,791	231 470,929	16,338	15,871	86	81	19 437	194,496	750,498	3,859	3,391
37	32	97 242	13 412,561	217 303,138	16,201	15,734	87	82	16 154	153,217	556,002	3,629	3,162
38	33	97 112	12 696,373	203 890,577	16,059	15,592	88	83	13 074	117,537	402,785	3,427	2,960
39	34	96 972	12 017,170	191 194,204	15,910	15,443	89	84	10 380	88,459	285,247	3,225	2,757
40	35	96 819	11 372,695	179 177,034	15,755	15,288	90	85	8 033	64,884	196,788	3,033	2,566
41	36	96 646	10 760,521	167 804,339	15,594	15,127	91	86	6 100	46,702	131,904	2,824	2,357
42	37	96 457	10 179,646	157 043,818	15,427	14,960	92	87	4 440	32,223	85,202	2,644	2,177
43	38	96 251	9 628,320	146 864,172	15,253	14,786	93	88	3 077	21,167	52,979	2,503	2,036
44	39	96 009	9 103,448	137 235,852	15,075	14,608	94	89	2 061	13,437	31,812	2,368	1,900
45	40	95 738	8 604,443	128 132,404	14,891	14,424	95	90	1 324	8,185	18,376	2,245	1,778
46	41	95 439	8 130,410	119 527,961	14,701	14,234	96	91	821	4,810	10,191	2,119	1,651
47	42	95 097	7 678,936	111 397,551	14,507	14,040	97	92	481	2,670	5,381	2,016	1,548
48	43	94 713	7 249,234	103 718,614	14,308	13,840	98	93	268	1,412	2,711	1,920	1,453
49	44	94 279	6 839,819	96 469,380	14,104	13,637	99	94	142	0,709	1,299	1,833	1,366
							100	95	71	0,337	0,591	1,754	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	6 457,986	90 073,268	13,948	13,480
1							51	45	93 405	6 088,272	83 615,282	13,734	13,267
2							52	46	92 831	5 735,399	77 527,011	13,517	13,050
3							53	47	92 199	5 399,418	71 791,611	13,296	12,829
4							54	48	91 511	5 079,737	66 392,194	13,070	12,603
5							55	49	90 756	4 775,197	61 312,457	12,840	12,373
6	0	99 498	72 160,737	1 330 693,206	18,441	17,973	56	50	89 942	4 485,625	56 537,259	12,604	12,137
7	1	99 170	68 172,765	1 258 532,469	18,461	17,994	57	51	89 063	4 210,245	52 051,634	12,363	11,896
8	2	99 132	64 594,114	1 190 359,704	18,428	17,961	58	52	88 134	3 949,109	47 841,389	12,114	11,647
9	3	99 106	61 210,892	1 125 765,591	18,392	17,924	59	53	87 112	3 699,851	43 892,280	11,863	11,396
10	4	99 083	58 006,504	1 064 554,699	18,352	17,885	60	54	86 014	3 462,755	40 192,429	11,607	11,140
11	5	99 063	54 970,963	1 006 548,195	18,311	17,843	61	55	84 831	3 237,083	36 729,675	11,347	10,879
12	6	99 044	52 095,399	951 577,232	18,266	17,799	62	56	83 575	3 022,916	33 492,591	11,080	10,612
13	7	99 026	49 370,403	899 481,834	18,219	17,752	63	57	82 235	2 819,363	30 469,675	10,807	10,340
14	8	99 009	46 788,584	850 111,431	18,169	17,702	64	58	80 820	2 626,402	27 650,312	10,528	10,061
15	9	98 986	44 339,300	803 322,847	18,118	17,650	65	59	79 295	2 442,512	25 023,910	10,245	9,778
16	10	98 960	42 016,711	758 983,547	18,064	17,597	66	60	77 686	2 268,202	22 581,398	9,956	9,488
17	11	98 923	39 811,249	716 966,836	18,009	17,542	67	61	75 973	2 102,554	20 313,196	9,661	9,194
18	12	98 881	37 719,901	677 155,587	17,952	17,485	68	62	74 180	1 945,887	18 210,642	9,359	8,891
19	13	98 819	35 730,852	639 435,686	17,896	17,429	69	63	72 266	1 796,849	16 264,755	9,052	8,585
20	14	98 755	33 846,307	603 704,835	17,837	17,369	70	64	70 232	1 655,245	14 467,906	8,741	8,273
21	15	98 684	32 058,673	569 858,527	17,775	17,308	71	65	68 082	1 520,919	12 812,661	8,424	7,957
22	16	98 615	30 366,115	537 799,854	17,711	17,243	72	66	65 809	1 393,513	11 291,742	8,103	7,636
23	17	98 544	28 762,228	507 433,739	17,642	17,175	73	67	63 370	1 271,899	9 898,229	7,782	7,315
24	18	98 472	27 242,977	478 671,511	17,570	17,103	74	68	60 785	1 156,417	8 626,331	7,460	6,992
25	19	98 394	25 802,213	451 428,534	17,496	17,029	75	69	58 017	1 046,215	7 469,914	7,140	6,673
26	20	98 314	24 437,322	425 626,321	17,417	16,950	76	70	55 102	941,840	6 423,698	6,820	6,353
27	21	98 234	23 144,308	401 188,999	17,334	16,867	77	71	52 039	843,119	5 481,858	6,502	6,035
28	22	98 150	21 919,109	378 044,691	17,247	16,780	78	72	48 793	749,315	4 638,739	6,191	5,723
29	23	98 067	20 758,760	356 125,582	17,155	16,688	79	73	45 365	660,356	3 889,424	5,890	5,423
30	24	97 982	19 659,419	335 366,821	17,059	16,592	80	74	41 878	577,816	3 229,068	5,588	5,121
31	25	97 894	18 617,907	315 707,403	16,957	16,490	81	75	38 280	500,637	2 651,253	5,296	4,829
32	26	97 800	17 630,295	297 089,496	16,851	16,384	82	76	34 625	429,230	2 150,616	5,010	4,543
33	27	97 701	16 694,243	279 459,200	16,740	16,273	83	77	30 969	363,888	1 721,386	4,731	4,263
34	28	97 605	15 808,353	262 764,957	16,622	16,155	84	78	27 357	304,688	1 357,498	4,455	3,988
35	29	97 500	14 968,226	246 956,604	16,499	16,032	85	79	23 795	251,201	1 052,810	4,191	3,724
36	30	97 389	14 171,680	231 988,378	16,370	15,903	86	80	20 318	203,315	801,609	3,943	3,476
37	31	97 273	13 416,935	217 816,698	16,234	15,767	87	81	16 995	161,196	598,294	3,712	3,244
38	32	97 146	12 700,772	204 399,763	16,093	15,626	88	82	13 862	124,624	437,098	3,507	3,040
39	33	97 007	12 021,520	191 698,991	15,946	15,479	89	83	11 101	94,604	312,474	3,303	2,836
40	34	96 859	11 377,312	179 677,471	15,793	15,325	90	84	8 674	70,068	217,869	3,109	2,642
41	35	96 687	10 765,108	168 300,159	15,634	15,167	91	85	6 669	51,057	147,801	2,895	2,428
42	36	96 502	10 184,395	157 535,051	15,468	15,001	92	86	4 915	35,670	96,744	2,712	2,245
43	37	96 302	9 633,394	147 350,656	15,296	14,829	93	87	3 476	23,908	61,074	2,555	2,087
44	38	96 066	9 108,819	137 717,262	15,119	14,652	94	88	2 356	15,364	37,166	2,419	1,952
45	39	95 805	8 610,498	128 608,443	14,936	14,469	95	89	1 540	9,515	21,801	2,291	1,824
46	40	95 507	8 136,210	119 997,945	14,749	14,281	96	90	964	5,647	12,286	2,176	1,709
47	41	95 176	7 685,323	111 861,735	14,555	14,088	97	91	581	3,229	6,640	2,057	1,589
48	42	94 803	7 256,098	104 176,413	14,357	13,890	98	92	331	1,741	3,411	1,959	1,492
49	43	94 379	6 847,046	96 920,315	14,155	13,688	99	93	179	0,893	1,670	1,869	1,402
							100	94	92	0,435	0,777	1,787	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	6 464,810	90 480,287	13,996	13,529
1							51	44	93 511	6 095,164	84 015,477	13,784	13,317
2							52	45	92 956	5 743,167	77 920,313	13,567	13,100
3							53	46	92 342	5 407,805	72 177,145	13,347	12,880
4							54	47	91 670	5 088,568	66 769,341	13,121	12,654
5							55	48	90 925	4 784,062	61 680,773	12,893	12,426
6							56	49	90 130	4 495,029	56 896,711	12,658	12,191
7	0	99 488	68 391,592	1 259 366,440	18,414	17,947	57	50	89 272	4 220,105	52 401,682	12,417	11,950
8	1	99 160	64 612,485	1 190 974,848	18,433	17,965	58	51	88 354	3 958,970	48 181,577	12,170	11,703
9	2	99 122	61 220,762	1 126 362,363	18,398	17,931	59	52	87 354	3 710,131	44 222,607	11,919	11,452
10	3	99 098	58 014,822	1 065 141,602	18,360	17,893	60	53	86 276	3 473,311	40 512,476	11,664	11,197
11	4	99 075	54 977,552	1 007 126,779	18,319	17,852	61	54	85 102	3 247,430	37 039,165	11,406	10,938
12	5	99 053	52 100,112	952 149,228	18,275	17,808	62	55	83 877	3 033,831	33 791,735	11,138	10,671
13	6	99 034	49 374,361	900 049,116	18,229	17,762	63	56	82 548	2 830,097	30 757,904	10,868	10,401
14	7	99 017	46 792,493	850 674,755	18,180	17,713	64	57	81 155	2 637,284	27 927,807	10,590	10,122
15	8	98 993	44 342,055	803 882,262	18,129	17,662	65	58	79 658	2 453,700	25 290,523	10,307	9,840
16	9	98 967	42 019,378	759 540,207	18,076	17,609	66	59	78 059	2 279,092	22 836,823	10,020	9,553
17	10	98 931	39 814,457	717 520,829	18,022	17,554	67	60	76 391	2 114,114	20 557,731	9,724	9,257
18	11	98 889	37 722,897	677 706,372	17,965	17,498	68	61	74 604	1 957,014	18 443,617	9,424	8,957
19	12	98 826	35 733,591	639 983,476	17,910	17,443	69	62	72 722	1 808,195	16 486,604	9,118	8,651
20	13	98 765	33 849,637	604 249,885	17,851	17,384	70	63	70 703	1 666,357	14 678,408	8,809	8,341
21	14	98 696	32 062,642	570 400,248	17,790	17,323	71	64	68 575	1 531,942	13 012,051	8,494	8,027
22	15	98 628	30 370,232	538 337,605	17,726	17,259	72	65	66 323	1 404,386	11 480,109	8,174	7,707
23	16	98 560	28 766,852	507 967,373	17,658	17,191	73	66	63 895	1 282,440	10 075,722	7,857	7,389
24	17	98 489	27 247,760	479 200,521	17,587	17,120	74	67	61 338	1 166,942	8 793,282	7,535	7,068
25	18	98 415	25 807,850	451 952,761	17,512	17,045	75	68	58 591	1 056,565	7 626,340	7,218	6,751
26	19	98 336	24 442,579	426 144,911	17,435	16,967	76	69	55 713	952,285	6 569,776	6,899	6,432
27	20	98 254	23 149,192	401 702,332	17,353	16,886	77	70	52 668	853,314	5 617,491	6,583	6,116
28	21	98 172	21 923,848	378 553,139	17,267	16,800	78	71	49 453	759,448	4 764,176	6,273	5,806
29	22	98 090	20 763,532	356 629,291	17,176	16,709	79	72	46 078	670,736	4 004,729	5,971	5,503
30	23	98 004	19 663,891	335 865,760	17,080	16,613	80	73	42 617	588,009	3 333,993	5,670	5,203
31	24	97 916	18 622,141	316 201,868	16,980	16,513	81	74	39 034	510,502	2 745,984	5,379	4,912
32	25	97 822	17 634,225	297 579,727	16,875	16,408	82	75	35 414	439,011	2 235,482	5,092	4,625
33	26	97 727	16 698,704	279 945,503	16,765	16,297	83	76	31 774	373,352	1 796,470	4,812	4,345
34	27	97 630	15 812,435	263 246,798	16,648	16,181	84	77	28 172	313,773	1 423,118	4,536	4,068
35	28	97 526	14 972,114	247 434,363	16,526	16,059	85	78	24 613	259,843	1 109,345	4,269	3,802
36	29	97 416	14 175,612	232 462,249	16,399	15,932	86	79	21 111	211,247	849,503	4,021	3,554
37	30	97 300	13 420,619	218 286,637	16,265	15,798	87	80	17 765	168,504	638,255	3,788	3,321
38	31	97 177	12 704,914	204 866,018	16,125	15,658	88	81	14 584	131,114	469,751	3,583	3,116
39	32	97 041	12 025,685	192 161,104	15,979	15,512	89	82	11 771	100,309	338,637	3,376	2,909
40	33	96 894	11 381,430	180 135,420	15,827	15,360	90	83	9 277	74,936	238,328	3,180	2,713
41	34	96 727	10 769,479	168 753,990	15,670	15,202	91	84	7 201	55,137	163,392	2,963	2,496
42	35	96 544	10 188,737	157 984,511	15,506	15,039	92	85	5 373	38,997	108,256	2,776	2,309
43	36	96 347	9 637,888	147 795,774	15,335	14,868	93	86	3 847	26,466	69,259	2,617	2,150
44	37	96 117	9 113,619	138 157,886	15,159	14,692	94	87	2 662	17,354	42,793	2,466	1,999
45	38	95 862	8 615,578	129 044,267	14,978	14,511	95	88	1 760	10,880	25,439	2,338	1,871
46	39	95 574	8 141,936	120 428,690	14,791	14,324	96	89	1 121	6,564	14,559	2,218	1,751
47	40	95 244	7 690,805	112 286,754	14,600	14,133	97	90	683	3,790	7,995	2,109	1,642
48	41	94 882	7 262,133	104 595,949	14,403	13,936	98	91	400	2,106	4,205	1,997	1,530
49	42	94 468	6 853,529	97 333,817	14,202	13,735	99	92	221	1,102	2,099	1,905	1,438
							100	93	116	0,548	0,997	1,820	1,353



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	6 470,931	90 853,336	14,040	13,573
1							51	43	93 609	6 101,605	84 382,405	13,830	13,362
2							52	44	93 062	5 749,669	78 280,800	13,615	13,148
3							53	45	92 468	5 415,129	72 531,131	13,394	12,927
4							54	46	91 813	5 096,472	67 116,002	13,169	12,702
5							55	47	91 083	4 792,379	62 019,530	12,941	12,474
6							56	48	90 297	4 503,374	57 227,151	12,708	12,240
7							57	49	89 459	4 228,953	52 723,777	12,467	12,000
8	0	99 478	64 819,884	1 191 746,257	18,386	17,918	58	50	88 561	3 968,241	48 494,825	12,221	11,754
9	1	99 150	61 238,174	1 126 926,373	18,402	17,935	59	51	87 572	3 719,396	44 526,584	11,971	11,504
10	2	99 114	58 024,177	1 065 688,199	18,366	17,899	60	52	86 516	3 482,961	40 807,188	11,716	11,249
11	3	99 089	54 985,436	1 007 664,023	18,326	17,859	61	53	85 361	3 257,330	37 324,227	11,459	10,991
12	4	99 065	52 106,356	952 678,587	18,283	17,816	62	54	84 145	3 043,528	34 066,897	11,193	10,726
13	5	99 043	49 378,828	900 572,231	18,238	17,771	63	55	82 846	2 840,315	31 023,369	10,923	10,455
14	6	99 025	46 796,245	851 193,403	18,189	17,722	64	56	81 464	2 647,325	28 183,054	10,646	10,179
15	7	99 001	44 345,759	804 397,157	18,139	17,672	65	57	79 988	2 463,866	25 535,729	10,364	9,897
16	8	98 973	42 021,988	760 051,398	18,087	17,620	66	58	78 417	2 289,531	23 071,862	10,077	9,610
17	9	98 937	39 816,984	718 029,410	18,033	17,566	67	59	76 758	2 124,264	20 782,331	9,783	9,316
18	10	98 897	37 725,936	678 212,425	17,977	17,510	68	60	75 014	1 967,773	18 658,066	9,482	9,015
19	11	98 834	35 736,429	640 486,490	17,923	17,455	69	61	73 138	1 818,535	16 690,293	9,178	8,711
20	12	98 773	33 852,232	604 750,060	17,864	17,397	70	62	71 150	1 676,879	14 871,758	8,869	8,402
21	13	98 706	32 065,797	570 897,828	17,804	17,337	71	63	69 036	1 542,227	13 194,880	8,556	8,089
22	14	98 641	30 373,992	538 832,031	17,740	17,273	72	64	66 804	1 414,565	11 652,653	8,238	7,770
23	15	98 573	28 770,753	508 458,039	17,673	17,206	73	65	64 394	1 292,447	10 238,087	7,921	7,454
24	16	98 505	27 252,141	479 687,287	17,602	17,135	74	66	61 847	1 176,614	8 945,641	7,603	7,136
25	17	98 433	25 812,381	452 435,146	17,528	17,061	75	67	59 124	1 066,181	7 769,027	7,287	6,820
26	18	98 357	24 447,919	426 622,764	17,450	16,983	76	68	56 264	961,705	6 702,846	6,970	6,503
27	19	98 276	23 154,172	402 174,845	17,369	16,902	77	69	53 252	862,777	5 741,141	6,654	6,187
28	20	98 192	21 928,475	379 020,673	17,284	16,817	78	70	50 051	768,632	4 878,364	6,347	5,880
29	21	98 111	20 768,021	357 092,199	17,194	16,727	79	71	46 701	679,807	4 109,732	6,045	5,578
30	22	98 026	19 668,411	336 324,178	17,100	16,633	80	72	43 287	597,252	3 429,926	5,743	5,276
31	23	97 939	18 626,378	316 655,767	17,000	16,533	81	73	39 723	519,508	2 832,674	5,453	4,985
32	24	97 844	17 638,235	298 029,389	16,897	16,430	82	74	36 112	447,662	2 313,166	5,167	4,700
33	25	97 749	16 702,426	280 391,155	16,787	16,320	83	75	32 498	381,860	1 865,504	4,885	4,418
34	26	97 656	15 816,661	263 688,728	16,672	16,204	84	76	28 905	321,933	1 483,644	4,609	4,141
35	27	97 551	14 975,980	247 872,068	16,551	16,084	85	77	25 347	267,590	1 161,711	4,341	3,874
36	28	97 441	14 179,295	232 896,087	16,425	15,958	86	78	21 837	218,515	894,120	4,092	3,625
37	29	97 327	13 424,342	218 716,793	16,293	15,825	87	79	18 459	175,079	675,605	3,859	3,392
38	30	97 204	12 708,401	205 292,451	16,154	15,687	88	80	15 245	137,059	500,527	3,652	3,185
39	31	97 073	12 029,607	192 584,049	16,009	15,542	89	81	12 384	105,532	363,468	3,444	2,977
40	32	96 927	11 385,373	180 554,442	15,858	15,391	90	82	9 836	79,454	257,936	3,246	2,779
41	33	96 762	10 773,377	169 169,070	15,703	15,235	91	83	7 702	58,967	178,481	3,027	2,560
42	34	96 583	10 192,874	158 395,693	15,540	15,073	92	84	5 803	42,112	119,515	2,838	2,371
43	35	96 388	9 641,997	148 202,819	15,371	14,903	93	85	4 206	28,934	77,402	2,675	2,208
44	36	96 162	9 117,871	138 560,822	15,197	14,729	94	86	2 946	19,211	48,469	2,523	2,056
45	37	95 912	8 620,118	129 442,952	15,016	14,549	95	87	1 988	12,289	29,258	2,381	1,914
46	38	95 631	8 146,739	120 822,834	14,831	14,364	96	88	1 281	7,506	16,968	2,261	1,793
47	39	95 311	7 696,217	112 676,095	14,640	14,173	97	89	793	4,406	9,462	2,148	1,680
48	40	94 949	7 267,313	104 979,878	14,445	13,978	98	90	470	2,472	5,056	2,046	1,578
49	41	94 547	6 859,229	97 712,565	14,245	13,778	99	91	267	1,332	2,585	1,940	1,473
							100	92	143	0,676	1,252	1,854	1,386

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	6 476,313	91 194,896	14,081	13,614
1							51	42	93 698	6 107,382	84 718,583	13,872	13,404
2							52	43	93 160	5 755,745	78 611,201	13,658	13,191
3							53	44	92 572	5 421,259	72 855,457	13,439	12,972
4							54	45	91 937	5 103,375	67 434,197	13,214	12,746
5							55	46	91 224	4 799,823	62 330,823	12,986	12,519
6							56	47	90 454	4 511,202	57 531,000	12,753	12,286
7							57	48	89 625	4 236,803	53 019,797	12,514	12,047
8							58	49	88 746	3 976,560	48 782,994	12,268	11,800
9	0	99 469	61 434,741	1 127 639,949	18,355	17,888	59	50	87 778	3 728,106	44 806,434	12,019	11,551
10	1	99 142	58 040,679	1 066 205,208	18,370	17,903	60	51	86 732	3 491,658	41 078,327	11,765	11,298
11	2	99 105	54 994,302	1 008 164,528	18,332	17,865	61	52	85 599	3 266,380	37 586,669	11,507	11,040
12	3	99 079	52 113,829	953 170,227	18,290	17,823	62	53	84 402	3 052,806	34 320,289	11,242	10,775
13	4	99 055	49 384,747	901 056,398	18,246	17,778	63	54	83 111	2 849,394	31 267,483	10,973	10,506
14	5	99 034	46 800,479	851 671,651	18,198	17,731	64	55	81 758	2 656,883	28 418,089	10,696	10,229
15	6	99 009	44 349,315	804 871,173	18,148	17,681	65	56	80 293	2 473,247	25 761,206	10,416	9,949
16	7	98 981	42 025,499	760 521,857	18,097	17,629	66	57	78 742	2 299,018	23 287,958	10,130	9,662
17	8	98 943	39 819,458	718 496,358	18,044	17,577	67	58	77 110	2 133,995	20 988,941	9,836	9,368
18	9	98 904	37 728,331	678 676,900	17,989	17,521	68	59	75 374	1 977,221	18 854,946	9,536	9,069
19	10	98 842	35 739,308	640 948,569	17,934	17,467	69	60	73 540	1 828,533	16 877,725	9,230	8,763
20	11	98 780	33 854,921	605 209,261	17,877	17,409	70	61	71 557	1 686,467	15 049,192	8,924	8,456
21	12	98 714	32 068,255	571 354,340	17,817	17,350	71	62	69 471	1 551,965	13 362,725	8,610	8,143
22	13	98 650	30 376,980	539 286,085	17,753	17,286	72	63	67 252	1 424,062	11 810,760	8,294	7,827
23	14	98 585	28 774,315	508 909,105	17,686	17,219	73	64	64 860	1 301,814	10 386,698	7,979	7,511
24	15	98 519	27 255,836	480 134,790	17,616	17,149	74	65	62 329	1 185,794	9 084,883	7,661	7,194
25	16	98 449	25 816,532	452 878,954	17,542	17,075	75	66	59 614	1 075,018	7 899,089	7,348	6,881
26	17	98 374	24 452,211	427 062,423	17,465	16,998	76	67	56 776	970,458	6 824,071	7,032	6,565
27	18	98 297	23 159,231	402 610,211	17,384	16,917	77	68	53 779	871,312	5 853,613	6,718	6,251
28	19	98 213	21 933,191	379 450,981	17,300	16,833	78	69	50 606	777,155	4 982,301	6,411	5,944
29	20	98 131	20 772,403	357 517,789	17,211	16,744	79	70	47 266	688,027	4 205,146	6,112	5,645
30	21	98 048	19 672,663	336 745,386	17,117	16,650	80	71	43 872	605,328	3 517,119	5,810	5,343
31	22	97 961	18 630,659	317 072,723	17,019	16,552	81	72	40 347	527,674	2 911,790	5,518	5,051
32	23	97 866	17 642,248	298 442,064	16,916	16,449	82	73	36 749	455,559	2 384,117	5,233	4,766
33	24	97 771	16 706,225	280 799,816	16,808	16,341	83	74	33 139	389,385	1 928,557	4,953	4,486
34	25	97 678	15 820,186	264 093,591	16,693	16,226	84	75	29 564	329,270	1 539,173	4,675	4,207
35	26	97 577	14 979,982	248 273,405	16,574	16,106	85	76	26 006	274,550	1 209,903	4,407	3,940
36	27	97 466	14 182,956	233 293,423	16,449	15,982	86	77	22 488	225,030	935,353	4,157	3,689
37	28	97 352	13 427,830	219 110,467	16,318	15,850	87	78	19 094	181,102	710,323	3,922	3,455
38	29	97 231	12 711,927	205 682,638	16,180	15,713	88	79	15 840	142,406	529,221	3,716	3,249
39	30	97 099	12 032,909	192 970,710	16,037	15,570	89	80	12 945	110,317	386,815	3,506	3,039
40	31	96 959	11 389,086	180 937,801	15,887	15,420	90	81	10 349	83,592	276,498	3,308	2,841
41	32	96 795	10 777,109	169 548,715	15,732	15,265	91	82	8 166	62,522	192,906	3,085	2,618
42	33	96 618	10 196,563	158 771,606	15,571	15,104	92	83	6 206	45,038	130,384	2,895	2,428
43	34	96 427	9 645,912	148 575,043	15,403	14,936	93	84	4 542	31,245	85,346	2,731	2,264
44	35	96 203	9 121,758	138 929,132	15,231	14,763	94	85	3 221	21,002	54,100	2,576	2,109
45	36	95 957	8 624,139	129 807,374	15,052	14,584	95	86	2 201	13,604	33,098	2,433	1,966
46	37	95 681	8 151,032	121 183,235	14,867	14,400	96	87	1 447	8,478	19,494	2,299	1,832
47	38	95 367	7 700,757	113 032,203	14,678	14,211	97	88	907	5,038	11,016	2,187	1,719
48	39	95 016	7 272,427	105 331,445	14,484	14,016	98	89	546	2,873	5,978	2,080	1,613
49	40	94 614	6 864,122	98 059,018	14,286	13,819	99	90	314	1,564	3,104	1,985	1,517
							100	91	173	0,817	1,540	1,885	1,418

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	6 480,933	91 507,228	14,119	13,652
1							51	41	93 776	6 112,461	85 026,295	13,910	13,443
2							52	42	93 248	5 761,195	78 913,834	13,697	13,230
3							53	43	92 670	5 426,988	73 152,639	13,479	13,012
4							54	44	92 041	5 109,152	67 725,652	13,256	12,789
5							55	45	91 348	4 806,324	62 616,499	13,028	12,561
6							56	46	90 595	4 518,210	57 810,176	12,795	12,328
7							57	47	89 781	4 244,169	53 291,966	12,557	12,089
8							58	48	88 911	3 983,943	49 047,797	12,311	11,844
9							59	49	87 962	3 735,922	45 063,855	12,062	11,595
10	0	99 460	58 226,983	1 066 865,364	18,323	17,855	60	50	86 935	3 499,836	41 327,933	11,809	11,341
11	1	99 133	55 009,943	1 008 638,381	18,336	17,868	61	51	85 812	3 274,536	37 828,097	11,552	11,085
12	2	99 095	52 122,232	953 628,438	18,296	17,829	62	52	84 636	3 061,288	34 553,561	11,287	10,820
13	3	99 069	49 391,829	901 506,206	18,252	17,785	63	53	83 364	2 858,080	31 492,272	11,019	10,551
14	4	99 046	46 806,088	852 114,377	18,205	17,738	64	54	82 019	2 665,376	28 634,192	10,743	10,276
15	5	99 018	44 353,327	805 308,289	18,157	17,689	65	55	80 583	2 482,177	25 968,817	10,462	9,995
16	6	98 989	42 028,869	760 954,962	18,106	17,638	66	56	79 041	2 307,771	23 486,640	10,177	9,710
17	7	98 952	39 822,785	718 926,092	18,053	17,586	67	57	77 429	2 142,837	21 178,869	9,884	9,416
18	8	98 910	37 730,674	679 103,308	17,999	17,532	68	58	75 719	1 986,278	19 036,032	9,584	9,117
19	9	98 849	35 741,577	641 372,633	17,945	17,478	69	59	73 893	1 837,312	17 049,754	9,280	8,813
20	10	98 788	33 857,648	605 631,056	17,888	17,420	70	60	71 950	1 695,739	15 212,442	8,971	8,504
21	11	98 721	32 070,802	571 773,408	17,828	17,361	71	61	69 869	1 560,839	13 516,703	8,660	8,193
22	12	98 658	30 379,309	539 702,606	17,765	17,298	72	62	67 677	1 433,054	11 955,863	8,343	7,876
23	13	98 595	28 777,146	509 323,297	17,699	17,232	73	63	65 296	1 310,554	10 522,809	8,029	7,562
24	14	98 531	27 259,211	480 546,151	17,629	17,162	74	64	62 781	1 194,389	9 212,256	7,713	7,246
25	15	98 462	25 820,032	453 286,940	17,556	17,088	75	65	60 079	1 083,406	8 017,866	7,401	6,933
26	16	98 390	24 456,143	427 466,909	17,479	17,012	76	66	57 246	978,501	6 934,461	7,087	6,620
27	17	98 314	23 163,297	403 010,766	17,399	16,931	77	67	54 269	879,242	5 955,960	6,774	6,307
28	18	98 235	21 937,983	379 847,469	17,315	16,847	78	68	51 106	784,843	5 076,717	6,468	6,001
29	19	98 153	20 776,872	357 909,485	17,226	16,759	79	69	47 790	695,657	4 291,874	6,170	5,702
30	20	98 068	19 676,815	337 132,614	17,133	16,666	80	70	44 403	612,649	3 596,217	5,870	5,403
31	21	97 982	18 634,687	317 455,799	17,036	16,569	81	71	40 893	534,810	2 983,569	5,579	5,112
32	22	97 889	17 646,303	298 821,112	16,934	16,467	82	72	37 327	462,720	2 448,759	5,292	4,825
33	23	97 793	16 710,025	281 174,810	16,827	16,360	83	73	33 723	396,254	1 986,039	5,012	4,545
34	24	97 700	15 823,784	264 464,784	16,713	16,246	84	74	30 146	335,758	1 589,785	4,735	4,268
35	25	97 599	14 983,321	248 641,001	16,595	16,127	85	75	26 599	280,806	1 254,027	4,466	3,999
36	26	97 493	14 186,746	233 657,679	16,470	16,003	86	76	23 073	230,882	973,221	4,215	3,748
37	27	97 378	13 431,297	219 470,933	16,340	15,873	87	77	19 663	186,502	742,338	3,980	3,513
38	28	97 256	12 715,230	206 039,637	16,204	15,737	88	78	16 385	147,305	555,837	3,773	3,306
39	29	97 126	12 036,247	193 324,407	16,062	15,595	89	79	13 450	114,621	408,531	3,564	3,097
40	30	96 985	11 392,212	181 288,159	15,913	15,446	90	80	10 818	87,382	293,910	3,364	2,896
41	31	96 827	10 780,624	169 895,947	15,759	15,292	91	81	8 591	65,778	206,528	3,140	2,673
42	32	96 651	10 200,096	159 115,323	15,599	15,132	92	82	6 580	47,754	140,750	2,947	2,480
43	33	96 462	9 649,403	148 915,228	15,433	14,965	93	83	4 858	33,416	92,997	2,783	2,316
44	34	96 242	9 125,461	139 265,825	15,261	14,794	94	84	3 478	22,680	59,581	2,627	2,160
45	35	95 998	8 627,816	130 140,364	15,084	14,617	95	85	2 406	14,872	36,900	2,481	2,014
46	36	95 726	8 154,835	121 512,548	14,901	14,433	96	86	1 602	9,385	22,028	2,347	1,880
47	37	95 417	7 704,815	113 357,713	14,713	14,245	97	87	1 025	5,691	12,642	2,222	1,754
48	38	95 072	7 276,717	105 652,898	14,519	14,052	98	88	624	3,286	6,952	2,116	1,649
49	39	94 681	6 868,953	98 376,180	14,322	13,855	99	89	364	1,818	3,666	2,016	1,549
							100	90	203	0,959	1,848	1,926	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	6 485,494	91 793,100	14,154	13,686
1							51	40	93 843	6 116,821	85 307,607	13,946	13,479
2							52	41	93 326	5 765,986	79 190,785	13,734	13,267
3							53	42	92 758	5 432,126	73 424,799	13,517	13,050
4							54	43	92 138	5 114,551	67 992,673	13,294	12,827
5							55	44	91 451	4 811,765	62 878,122	13,068	12,600
6							56	45	90 718	4 524,329	58 066,357	12,834	12,367
7							57	46	89 920	4 250,761	53 542,028	12,596	12,129
8							58	47	89 066	3 990,868	49 291,267	12,351	11,884
9							59	48	88 125	3 742,857	45 300,398	12,103	11,636
10							60	49	87 117	3 507,173	41 557,541	11,849	11,382
11	0	99 451	55 186,518	1 009 249,218	18,288	17,821	61	50	86 013	3 282,205	38 050,368	11,593	11,126
12	1	99 123	52 137,056	954 062,700	18,299	17,832	62	51	84 848	3 068,932	34 768,163	11,329	10,862
13	2	99 085	49 399,793	901 925,644	18,258	17,790	63	52	83 596	2 866,022	31 699,231	11,060	10,593
14	3	99 060	46 812,801	852 525,851	18,211	17,744	64	53	82 269	2 673,501	28 833,209	10,785	10,318
15	4	99 030	44 358,644	805 713,051	18,164	17,696	65	54	80 840	2 490,111	26 159,708	10,505	10,038
16	5	98 998	42 032,671	761 354,407	18,113	17,646	66	55	79 327	2 316,103	23 669,598	10,220	9,752
17	6	98 960	39 825,978	719 321,735	18,062	17,594	67	56	77 724	2 150,995	21 353,494	9,927	9,460
18	7	98 918	37 733,827	679 495,758	18,008	17,540	68	57	76 033	1 994,508	19 202,499	9,628	9,161
19	8	98 855	35 743,797	641 761,931	17,954	17,487	69	58	74 231	1 845,728	17 207,991	9,323	8,856
20	9	98 795	33 859,798	606 018,133	17,898	17,431	70	59	72 296	1 703,881	15 362,263	9,016	8,549
21	10	98 729	32 073,386	572 158,335	17,839	17,372	71	60	70 253	1 569,421	13 658,382	8,703	8,236
22	11	98 666	30 381,722	540 084,950	17,777	17,309	72	61	68 064	1 441,248	12 088,962	8,388	7,921
23	12	98 602	28 779,352	509 703,228	17,711	17,244	73	62	65 708	1 318,829	10 647,713	8,074	7,606
24	13	98 541	27 261,892	480 923,876	17,641	17,174	74	63	63 202	1 202,408	9 328,884	7,759	7,291
25	14	98 474	25 823,228	453 661,984	17,568	17,101	75	64	60 515	1 091,258	8 126,477	7,447	6,980
26	15	98 404	24 459,459	427 838,755	17,492	17,025	76	65	57 693	986,136	7 035,218	7,134	6,667
27	16	98 330	23 167,021	403 379,296	17,412	16,945	77	66	54 718	886,529	6 049,082	6,823	6,356
28	17	98 252	21 941,835	380 212,275	17,328	16,861	78	67	51 571	791,986	5 162,553	6,518	6,051
29	18	98 174	20 781,411	358 270,440	17,240	16,773	79	68	48 263	702,538	4 370,567	6,221	5,754
30	19	98 089	19 681,047	337 489,029	17,148	16,681	80	69	44 895	619,442	3 668,028	5,922	5,454
31	20	98 003	18 638,619	317 807,982	17,051	16,584	81	70	41 387	541,277	3 048,586	5,632	5,165
32	21	97 910	17 650,118	299 169,363	16,950	16,483	82	71	37 832	468,978	2 507,309	5,346	4,879
33	22	97 816	16 713,866	281 519,245	16,843	16,376	83	72	34 253	402,482	2 038,331	5,064	4,597
34	23	97 722	15 827,384	264 805,379	16,731	16,264	84	73	30 678	341,681	1 635,849	4,788	4,320
35	24	97 621	14 986,728	248 977,995	16,613	16,146	85	74	27 123	286,340	1 294,168	4,520	4,053
36	25	97 514	14 189,908	233 991,266	16,490	16,023	86	75	23 599	236,144	1 007,828	4,268	3,801
37	26	97 404	13 434,886	219 801,358	16,360	15,893	87	76	20 174	191,352	771,684	4,033	3,566
38	27	97 281	12 718,513	206 366,472	16,226	15,758	88	77	16 873	151,697	580,332	3,826	3,358
39	28	97 152	12 039,374	193 647,960	16,085	15,617	89	78	13 913	118,564	428,634	3,615	3,148
40	29	97 012	11 395,373	181 608,585	15,937	15,470	90	79	11 240	90,791	310,070	3,415	2,948
41	30	96 853	10 783,583	170 213,212	15,784	15,317	91	80	8 981	68,761	219,279	3,189	2,722
42	31	96 683	10 203,422	159 429,629	15,625	15,158	92	81	6 923	50,240	150,518	2,996	2,529
43	32	96 495	9 652,746	149 226,207	15,459	14,992	93	82	5 151	35,431	100,278	2,830	2,363
44	33	96 276	9 128,764	139 573,461	15,289	14,822	94	83	3 720	24,256	64,847	2,673	2,206
45	34	96 037	8 631,319	130 444,697	15,113	14,646	95	84	2 599	16,061	40,591	2,527	2,060
46	35	95 766	8 158,311	121 813,378	14,931	14,464	96	85	1 751	10,260	24,530	2,391	1,924
47	36	95 462	7 708,410	113 655,067	14,744	14,277	97	86	1 134	6,299	14,270	2,265	1,798
48	37	95 122	7 280,552	105 946,657	14,552	14,085	98	87	705	3,711	7,970	2,148	1,680
49	38	94 736	6 873,005	98 666,105	14,356	13,888	99	88	417	2,079	4,259	2,048	1,581
							100	89	236	1,115	2,180	1,955	1,488

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	6 489,319	92 054,377	14,186	13,718
1							51	39	93 909	6 121,126	85 565,058	13,979	13,511
2							52	40	93 392	5 770,099	79 443,932	13,768	13,301
3							53	41	92 835	5 436,644	73 673,833	13,551	13,084
4							54	42	92 226	5 119,394	68 237,189	13,329	12,862
5							55	43	91 548	4 816,849	63 117,795	13,104	12,636
6							56	44	90 820	4 529,451	58 300,946	12,872	12,404
7							57	45	90 042	4 256,518	53 771,494	12,633	12,166
8							58	46	89 204	3 997,068	49 514,976	12,388	11,921
9							59	47	88 278	3 749,364	45 517,909	12,140	11,673
10							60	48	87 279	3 513,684	41 768,544	11,887	11,420
11							61	49	86 194	3 289,086	38 254,861	11,631	11,164
12	0	99 442	52 304,410	954 628,021	18,251	17,784	62	50	85 046	3 076,120	34 965,775	11,367	10,900
13	1	99 113	49 413,843	902 323,611	18,261	17,793	63	51	83 805	2 873,178	31 889,655	11,099	10,632
14	2	99 076	46 820,349	852 909,769	18,217	17,749	64	52	82 498	2 680,929	29 016,477	10,823	10,356
15	3	99 044	44 365,005	806 089,420	18,169	17,702	65	53	81 087	2 497,702	26 335,548	10,544	10,077
16	4	99 010	42 037,710	761 724,415	18,120	17,653	66	54	79 580	2 323,506	23 837,846	10,259	9,792
17	5	98 969	39 829,581	719 686,705	18,069	17,602	67	55	78 004	2 158,761	21 514,340	9,966	9,499
18	6	98 926	37 736,852	679 857,125	18,016	17,549	68	56	76 323	2 002,102	19 355,579	9,668	9,200
19	7	98 863	35 746,784	642 120,272	17,963	17,496	69	57	74 539	1 853,376	17 353,477	9,363	8,896
20	8	98 801	33 861,901	606 373,488	17,907	17,440	70	58	72 627	1 711,686	15 500,102	9,055	8,588
21	9	98 736	32 075,422	572 511,587	17,849	17,382	71	59	70 590	1 576,956	13 788,416	8,744	8,277
22	10	98 674	30 384,170	540 436,165	17,787	17,320	72	60	68 438	1 449,172	12 211,460	8,427	7,959
23	11	98 610	28 781,637	510 051,995	17,721	17,254	73	61	66 084	1 326,370	10 762,288	8,114	7,647
24	12	98 548	27 263,982	481 270,358	17,652	17,185	74	62	63 602	1 210,000	9 435,917	7,798	7,331
25	13	98 484	25 825,769	454 006,376	17,580	17,112	75	63	60 921	1 098,584	8 225,917	7,488	7,021
26	14	98 416	24 462,487	428 180,607	17,504	17,036	76	64	58 111	993,284	7 127,333	7,176	6,708
27	15	98 343	23 170,162	403 718,119	17,424	16,957	77	65	55 145	893,447	6 134,049	6,866	6,398
28	16	98 268	21 945,363	380 547,957	17,341	16,874	78	66	51 999	798,550	5 240,603	6,563	6,095
29	17	98 191	20 785,060	358 602,594	17,253	16,786	79	67	48 702	708,933	4 442,052	6,266	5,799
30	18	98 111	19 685,347	337 817,535	17,161	16,694	80	68	45 339	625,570	3 733,120	5,968	5,500
31	19	98 024	18 642,629	318 132,187	17,065	16,598	81	69	41 846	547,279	3 107,550	5,678	5,211
32	20	97 930	17 653,843	299 489,559	16,965	16,497	82	70	38 289	474,649	2 560,270	5,394	4,927
33	21	97 837	16 717,480	281 835,716	16,859	16,392	83	71	34 716	407,925	2 085,622	5,113	4,646
34	22	97 745	15 831,022	265 118,237	16,747	16,280	84	72	31 160	347,052	1 677,696	4,834	4,367
35	23	97 643	14 990,138	249 287,215	16,630	16,163	85	73	27 602	291,391	1 330,644	4,567	4,099
36	24	97 536	14 193,135	234 297,077	16,508	16,041	86	74	24 064	240,797	1 039,253	4,316	3,849
37	25	97 425	13 437,880	220 103,942	16,379	15,912	87	75	20 634	195,713	798,456	4,080	3,613
38	26	97 307	12 721,912	206 666,062	16,245	15,778	88	76	17 312	155,643	602,743	3,873	3,405
39	27	97 177	12 042,483	193 944,150	16,105	15,638	89	77	14 328	122,100	447,101	3,662	3,195
40	28	97 038	11 398,334	181 901,667	15,959	15,491	90	78	11 627	93,915	325,001	3,461	2,993
41	29	96 880	10 786,575	170 503,334	15,807	15,340	91	79	9 331	71,443	231,086	3,235	2,767
42	30	96 709	10 206,223	159 716,758	15,649	15,182	92	80	7 237	52,518	159,643	3,040	2,573
43	31	96 527	9 655,894	149 510,535	15,484	15,017	93	81	5 419	37,276	107,125	2,874	2,407
44	32	96 310	9 131,927	139 854,642	15,315	14,848	94	82	3 944	25,719	69,849	2,716	2,249
45	33	96 072	8 634,443	130 722,715	15,140	14,672	95	83	2 779	17,177	44,130	2,569	2,102
46	34	95 805	8 161,624	122 088,272	14,959	14,492	96	84	1 891	11,080	26,954	2,433	1,965
47	35	95 503	7 711,696	113 926,649	14,773	14,306	97	85	1 240	6,887	15,874	2,305	1,838
48	36	95 167	7 283,949	106 214,952	14,582	14,115	98	86	781	4,108	8,987	2,187	1,720
49	37	94 786	6 876,627	98 931,004	14,387	13,919	99	87	471	2,348	4,879	2,077	1,610
							100	88	270	1,275	2,530	1,984	1,517

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	6 492,739	92 293,070	14,215	13,748
1							51	38	93 964	6 124,737	85 800,331	14,009	13,542
2							52	39	93 458	5 774,160	79 675,594	13,799	13,331
3							53	40	92 901	5 440,522	73 901,434	13,584	13,116
4							54	41	92 302	5 123,651	68 460,912	13,362	12,895
5							55	42	91 635	4 821,410	63 337,261	13,137	12,669
6							56	43	90 916	4 534,237	58 515,851	12,905	12,438
7							57	44	90 144	4 261,337	53 981,613	12,668	12,201
8							58	45	89 325	4 002,481	49 720,276	12,422	11,955
9							59	46	88 415	3 755,188	45 717,795	12,175	11,707
10							60	47	87 431	3 519,792	41 962,607	11,922	11,455
11							61	48	86 354	3 295,192	38 442,815	11,666	11,199
12							62	49	85 225	3 082,569	35 147,623	11,402	10,935
13	0	99 431	49 572,456	902 846,934	18,213	17,745	63	50	84 001	2 879,907	32 065,054	11,134	10,667
14	1	99 104	46 833,665	853 274,478	18,219	17,752	64	51	82 704	2 687,623	29 185,148	10,859	10,392
15	2	99 060	44 372,158	806 440,813	18,174	17,707	65	52	81 312	2 504,642	26 497,524	10,579	10,112
16	3	99 024	42 043,738	762 068,655	18,126	17,658	66	53	79 823	2 330,589	23 992,882	10,295	9,828
17	4	98 980	39 834,355	720 024,917	18,075	17,608	67	54	78 254	2 165,661	21 662,293	10,003	9,535
18	5	98 935	37 740,266	680 190,562	18,023	17,556	68	55	76 598	2 009,330	19 496,632	9,703	9,236
19	6	98 871	35 749,650	642 450,296	17,971	17,504	69	56	74 823	1 860,432	17 487,301	9,400	8,932
20	7	98 809	33 864,730	606 700,646	17,915	17,448	70	57	72 928	1 718,778	15 626,869	9,092	8,625
21	8	98 742	32 077,415	572 835,915	17,858	17,391	71	58	70 914	1 584,179	13 908,091	8,779	8,312
22	9	98 680	30 386,099	540 758,501	17,796	17,329	72	59	68 767	1 456,130	12 323,912	8,463	7,996
23	10	98 618	28 783,956	510 372,402	17,731	17,264	73	60	66 447	1 333,663	10 867,782	8,149	7,682
24	11	98 556	27 266,148	481 588,446	17,663	17,195	74	61	63 965	1 216,919	9 534,120	7,835	7,367
25	12	98 491	25 827,749	454 322,298	17,590	17,123	75	62	61 306	1 105,521	8 317,201	7,523	7,056
26	13	98 425	24 464,894	428 494,549	17,515	17,047	76	63	58 501	999,952	7 211,680	7,212	6,745
27	14	98 356	23 173,031	404 029,655	17,435	16,968	77	64	55 545	899,922	6 211,728	6,903	6,435
28	15	98 281	21 948,338	380 856,624	17,352	16,885	78	65	52 405	804,781	5 311,805	6,600	6,133
29	16	98 207	20 788,402	358 908,286	17,265	16,798	79	66	49 106	714,808	4 507,024	6,305	5,838
30	17	98 128	19 688,803	338 119,884	17,173	16,706	80	67	45 752	631,264	3 792,216	6,007	5,540
31	18	98 046	18 646,702	318 431,081	17,077	16,610	81	68	42 260	552,693	3 160,952	5,719	5,252
32	19	97 952	17 657,640	299 784,379	16,978	16,510	82	69	38 714	479,912	2 608,259	5,435	4,968
33	20	97 857	16 721,008	282 126,739	16,873	16,405	83	70	35 136	412,858	2 128,347	5,155	4,688
34	21	97 766	15 834,444	265 405,732	16,761	16,294	84	71	31 582	351,745	1 715,489	4,877	4,410
35	22	97 666	14 993,584	249 571,288	16,645	16,178	85	72	28 036	295,971	1 363,743	4,608	4,141
36	23	97 559	14 196,364	234 577,704	16,524	16,057	86	73	24 488	245,045	1 067,772	4,357	3,890
37	24	97 447	13 440,936	220 381,340	16,396	15,929	87	74	21 041	199,569	822,727	4,123	3,655
38	25	97 329	12 724,747	206 940,404	16,263	15,796	88	75	17 706	159,190	623,158	3,915	3,447
39	26	97 203	12 045,701	194 215,657	16,123	15,656	89	76	14 701	125,275	463,968	3,704	3,236
40	27	97 063	11 401,277	182 169,956	15,978	15,511	90	77	11 973	96,715	338,693	3,502	3,035
41	28	96 905	10 789,378	170 768,679	15,827	15,360	91	78	9 652	73,901	241,978	3,274	2,807
42	29	96 736	10 209,055	159 979,302	15,670	15,203	92	79	7 519	54,567	168,077	3,080	2,613
43	30	96 553	9 658,545	149 770,247	15,507	15,039	93	80	5 665	38,966	113,510	2,913	2,446
44	31	96 341	9 134,905	140 111,702	15,338	14,871	94	81	4 150	27,058	74,544	2,755	2,288
45	32	96 105	8 637,434	130 976,797	15,164	14,697	95	82	2 947	18,212	47,486	2,607	2,140
46	33	95 840	8 164,577	122 339,363	14,984	14,517	96	83	2 023	11,850	29,274	2,470	2,003
47	34	95 541	7 714,827	114 174,786	14,799	14,332	97	84	1 339	7,437	17,424	2,343	1,876
48	35	95 207	7 287,054	106 459,959	14,609	14,142	98	85	853	4,491	9,987	2,223	1,756
49	36	94 831	6 879,835	99 172,905	14,415	13,948	99	86	521	2,600	5,495	2,114	1,647
							100	87	305	1,440	2,895	2,011	1,543

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	6 495,768	92 511,015	14,242	13,775
1							51	37	94 014	6 127,965	86 015,246	14,037	13,569
2							52	38	93 513	5 777,566	79 887,282	13,827	13,360
3							53	39	92 966	5 444,351	74 109,716	13,612	13,145
4							54	40	92 368	5 127,306	68 665,365	13,392	12,925
5							55	41	91 711	4 825,420	63 538,059	13,167	12,700
6							56	42	91 002	4 538,531	58 712,639	12,936	12,469
7							57	43	90 239	4 265,840	54 174,109	12,700	12,232
8							58	44	89 426	4 007,012	49 908,269	12,455	11,988
9							59	45	88 535	3 760,274	45 901,256	12,207	11,740
10							60	46	87 567	3 525,259	42 140,982	11,954	11,487
11							61	47	86 504	3 300,921	38 615,723	11,698	11,231
12							62	48	85 383	3 088,291	35 314,802	11,435	10,968
13							63	49	84 177	2 885,944	32 226,511	11,167	10,700
14	0	99 422	46 983,996	853 759,052	18,171	17,704	64	50	82 898	2 693,918	29 340,567	10,891	10,424
15	1	99 088	44 384,779	806 775,056	18,177	17,710	65	51	81 515	2 510,896	26 646,649	10,612	10,145
16	2	99 040	42 050,517	762 390,277	18,130	17,663	66	52	80 045	2 337,065	24 135,753	10,327	9,860
17	3	98 995	39 840,067	720 339,760	18,081	17,614	67	53	78 492	2 172,263	21 798,689	10,035	9,568
18	4	98 947	37 744,790	680 499,693	18,029	17,562	68	54	76 843	2 015,753	19 626,425	9,737	9,269
19	5	98 880	35 752,884	642 754,903	17,978	17,511	69	55	75 093	1 867,149	17 610,672	9,432	8,965
20	6	98 817	33 867,446	607 002,018	17,923	17,456	70	56	73 205	1 725,322	15 743,523	9,125	8,658
21	7	98 750	32 080,095	573 134,573	17,866	17,399	71	57	71 207	1 590,743	14 018,201	8,812	8,345
22	8	98 686	30 387,986	541 054,478	17,805	17,338	72	58	69 082	1 462,800	12 427,458	8,496	8,028
23	9	98 624	28 785,784	510 666,492	17,740	17,273	73	59	66 766	1 340,066	10 964,659	8,182	7,715
24	10	98 564	27 268,344	481 880,708	17,672	17,205	74	60	64 317	1 223,609	9 624,593	7,866	7,399
25	11	98 499	25 829,800	454 612,364	17,600	17,133	75	61	61 656	1 111,843	8 400,983	7,556	7,089
26	12	98 433	24 466,769	428 782,563	17,525	17,058	76	62	58 871	1 006,266	7 289,141	7,244	6,777
27	13	98 365	23 175,311	404 315,794	17,446	16,979	77	63	55 918	905,964	6 282,875	6,935	6,468
28	14	98 293	21 951,056	381 140,484	17,363	16,896	78	64	52 784	810,614	5 376,911	6,633	6,166
29	15	98 220	20 791,220	359 189,428	17,276	16,809	79	65	49 489	720,386	4 566,297	6,339	5,871
30	16	98 144	19 691,969	338 398,208	17,185	16,717	80	66	46 131	636,496	3 845,911	6,042	5,575
31	17	98 063	18 649,975	318 706,239	17,089	16,622	81	67	42 645	557,723	3 209,415	5,754	5,287
32	18	97 973	17 661,498	300 056,263	16,989	16,522	82	68	39 097	484,660	2 651,692	5,471	5,004
33	19	97 878	16 724,604	282 394,765	16,885	16,418	83	69	35 526	417,437	2 167,032	5,191	4,724
34	20	97 786	15 837,786	265 670,161	16,774	16,307	84	70	31 964	355,999	1 749,596	4,915	4,447
35	21	97 687	14 996,825	249 832,375	16,659	16,192	85	71	28 415	299,974	1 393,597	4,646	4,179
36	22	97 581	14 199,627	234 835,550	16,538	16,071	86	72	24 873	248,897	1 093,623	4,394	3,927
37	23	97 470	13 443,994	220 635,923	16,411	15,944	87	73	21 412	203,090	844,726	4,159	3,692
38	24	97 351	12 727,641	207 191,929	16,279	15,812	88	74	18 055	162,326	641,636	3,953	3,486
39	25	97 224	12 048,386	194 464,288	16,140	15,673	89	75	15 036	128,130	479,310	3,741	3,274
40	26	97 089	11 404,323	182 415,902	15,995	15,528	90	76	12 285	99,230	351,180	3,539	3,072
41	27	96 930	10 792,163	171 011,579	15,846	15,379	91	77	9 940	76,105	251,950	3,311	2,843
42	28	96 761	10 211,707	160 219,416	15,690	15,223	92	78	7 778	56,444	175,845	3,115	2,648
43	29	96 580	9 661,224	150 007,708	15,527	15,060	93	79	5 886	40,486	119,400	2,949	2,482
44	30	96 368	9 137,413	140 346,484	15,360	14,892	94	80	4 338	28,285	78,914	2,790	2,323
45	31	96 136	8 640,251	131 209,072	15,186	14,719	95	81	3 100	19,161	50,629	2,642	2,175
46	32	95 873	8 167,406	122 568,821	15,007	14,540	96	82	2 145	12,564	31,469	2,505	2,037
47	33	95 576	7 717,619	114 401,414	14,823	14,356	97	83	1 432	7,954	18,904	2,377	1,910
48	34	95 246	7 290,012	106 683,795	14,634	14,167	98	84	922	4,850	10,951	2,258	1,791
49	35	94 871	6 882,768	99 393,783	14,441	13,974	99	85	570	2,842	6,100	2,146	1,679
							100	86	337	1,594	3,258	2,044	1,577

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	6 498,538	92 709,999	14,266	13,799
1							51	36	94 058	6 130,824	86 211,461	14,062	13,595
2							52	37	93 562	5 780,611	80 080,638	13,853	13,386
3							53	38	93 021	5 447,563	74 300,027	13,639	13,172
4							54	39	92 433	5 130,914	68 852,465	13,419	12,952
5							55	40	91 776	4 828,862	63 721,550	13,196	12,729
6							56	41	91 078	4 542,305	58 892,688	12,965	12,498
7							57	42	90 325	4 269,879	54 350,383	12,729	12,262
8							58	43	89 520	4 011,246	50 080,504	12,485	12,018
9							59	44	88 635	3 764,531	46 069,258	12,238	11,771
10							60	45	87 685	3 530,034	42 304,727	11,984	11,517
11							61	46	86 638	3 306,048	38 774,693	11,728	11,261
12							62	47	85 531	3 093,660	35 468,645	11,465	10,998
13							63	48	84 333	2 891,302	32 374,985	11,197	10,730
14							64	49	83 071	2 699,565	29 483,683	10,922	10,454
15	0	99 406	44 527,249	807 223,861	18,129	17,662	65	50	81 706	2 516,776	26 784,118	10,642	10,175
16	1	99 068	42 062,477	762 696,613	18,132	17,665	66	51	80 245	2 342,901	24 267,342	10,358	9,891
17	2	99 011	39 846,491	720 634,136	18,085	17,618	67	52	78 710	2 178,299	21 924,441	10,065	9,598
18	3	98 961	37 750,203	680 787,644	18,034	17,567	68	53	77 077	2 021,898	19 746,142	9,766	9,299
19	4	98 892	35 757,170	643 037,442	17,983	17,516	69	54	75 333	1 873,117	17 724,244	9,462	8,995
20	5	98 826	33 870,510	607 280,272	17,929	17,462	70	55	73 470	1 731,551	15 851,127	9,154	8,687
21	6	98 758	32 082,667	573 409,762	17,873	17,406	71	56	71 478	1 596,800	14 119,576	8,842	8,375
22	7	98 694	30 390,525	541 327,095	17,812	17,345	72	57	69 368	1 468,861	12 522,776	8,526	8,058
23	8	98 631	28 787,572	510 936,570	17,749	17,281	73	58	67 072	1 346,204	11 053,916	8,211	7,744
24	9	98 570	27 270,076	482 148,998	17,681	17,213	74	59	64 626	1 229,484	9 707,711	7,896	7,429
25	10	98 507	25 831,881	454 878,923	17,609	17,142	75	60	61 995	1 117,955	8 478,227	7,584	7,117
26	11	98 441	24 468,713	429 047,041	17,535	17,067	76	61	59 207	1 012,020	7 360,272	7,273	6,806
27	12	98 373	23 177,087	404 578,329	17,456	16,989	77	62	56 271	911,684	6 348,252	6,963	6,496
28	13	98 303	21 953,215	381 401,242	17,373	16,906	78	63	53 139	816,056	5 436,567	6,662	6,195
29	14	98 232	20 793,794	359 448,026	17,286	16,819	79	64	49 848	725,607	4 620,511	6,368	5,901
30	15	98 157	19 694,639	338 654,232	17,195	16,728	80	65	46 491	641,462	3 894,904	6,072	5,605
31	16	98 079	18 652,974	318 959,593	17,100	16,632	81	66	42 998	562,346	3 253,442	5,785	5,318
32	17	97 990	17 664,599	300 306,619	17,000	16,533	82	67	39 452	489,071	2 691,096	5,502	5,035
33	18	97 900	16 728,258	282 642,020	16,896	16,429	83	68	35 877	421,566	2 202,025	5,223	4,756
34	19	97 807	15 841,192	265 913,762	16,786	16,319	84	69	32 318	359,947	1 780,460	4,946	4,479
35	20	97 707	14 999,990	250 072,569	16,672	16,204	85	70	28 758	303,601	1 420,513	4,679	4,212
36	21	97 602	14 202,697	235 072,580	16,551	16,084	86	71	25 210	252,263	1 116,912	4,428	3,960
37	22	97 492	13 447,084	220 869,883	16,425	15,958	87	72	21 748	206,282	864,649	4,192	3,724
38	23	97 373	12 730,537	207 422,798	16,293	15,826	88	73	18 374	165,190	658,367	3,986	3,518
39	24	97 246	12 051,126	194 692,262	16,156	15,688	89	74	15 332	130,655	493,176	3,775	3,307
40	25	97 110	11 406,865	182 641,136	16,012	15,544	90	75	12 565	101,491	362,522	3,572	3,105
41	26	96 956	10 795,047	171 234,271	15,862	15,395	91	76	10 198	78,084	261,030	3,343	2,876
42	27	96 786	10 214,344	160 439,223	15,707	15,240	92	77	8 010	58,127	182,946	3,147	2,680
43	28	96 605	9 663,734	150 224,880	15,545	15,078	93	78	6 088	41,879	124,819	2,980	2,513
44	29	96 394	9 139,948	140 561,146	15,379	14,912	94	79	4 507	29,388	82,940	2,822	2,355
45	30	96 163	8 642,623	131 421,198	15,206	14,739	95	80	3 241	20,029	53,552	2,674	2,206
46	31	95 904	8 170,070	122 778,575	15,028	14,561	96	81	2 256	13,219	33,522	2,536	2,069
47	32	95 609	7 720,293	114 608,505	14,845	14,378	97	82	1 519	8,433	20,304	2,408	1,940
48	33	95 280	7 292,651	106 888,212	14,657	14,190	98	83	986	5,187	11,870	2,288	1,821
49	34	94 910	6 885,562	99 595,561	14,464	13,997	99	84	615	3,069	6,683	2,177	1,710
							100	85	369	1,743	3,614	2,074	1,606



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	6 501,176	92 891,764	14,288	13,821
1							51	35	94 098	6 133,437	86 390,588	14,085	13,618
2							52	36	93 606	5 783,307	80 257,151	13,877	13,410
3							53	37	93 070	5 450,433	74 473,843	13,664	13,197
4							54	38	92 488	5 133,941	69 023,410	13,445	12,977
5							55	39	91 841	4 832,260	63 889,469	13,221	12,754
6							56	40	91 143	4 545,545	59 057,208	12,992	12,525
7							57	41	90 400	4 273,430	54 511,663	12,756	12,289
8							58	42	89 605	4 015,044	50 238,233	12,512	12,045
9							59	43	88 729	3 768,509	46 223,189	12,266	11,798
10							60	44	87 784	3 534,030	42 454,680	12,013	11,546
11							61	45	86 755	3 310,526	38 920,650	11,757	11,289
12							62	46	85 664	3 098,465	35 610,124	11,493	11,026
13							63	47	84 480	2 896,328	32 511,659	11,225	10,758
14							64	48	83 226	2 704,577	29 615,331	10,950	10,483
15							65	49	81 877	2 522,052	26 910,754	10,670	10,203
16	0	99 386	42 197,493	763 112,401	18,084	17,617	66	50	80 433	2 348,388	24 388,701	10,385	9,918
17	1	99 039	39 857,824	720 914,908	18,087	17,620	67	51	78 907	2 183,738	22 040,314	10,093	9,626
18	2	98 977	37 756,290	681 057,084	18,038	17,571	68	52	77 291	2 027,516	19 856,575	9,794	9,326
19	3	98 906	35 762,298	643 300,794	17,988	17,521	69	53	75 563	1 878,827	17 829,060	9,489	9,022
20	4	98 838	33 874,570	607 538,497	17,935	17,468	70	54	73 704	1 737,086	15 950,233	9,182	8,715
21	5	98 767	32 085,569	573 663,927	17,879	17,412	71	55	71 737	1 602,565	14 213,147	8,869	8,402
22	6	98 702	30 392,962	541 578,358	17,819	17,352	72	56	69 632	1 474,453	12 610,582	8,553	8,086
23	7	98 639	28 789,977	511 185,396	17,756	17,288	73	57	67 350	1 351,782	11 136,129	8,238	7,771
24	8	98 576	27 271,770	482 395,419	17,688	17,221	74	58	64 922	1 235,116	9 784,347	7,922	7,455
25	9	98 513	25 833,521	455 123,649	17,618	17,150	75	59	62 293	1 123,323	8 549,231	7,611	7,143
26	10	98 449	24 470,684	429 290,128	17,543	17,076	76	60	59 533	1 017,584	7 425,908	7,298	6,830
27	11	98 381	23 178,928	404 819,444	17,465	16,998	77	61	56 593	916,897	6 408,324	6,989	6,522
28	12	98 311	21 954,898	381 640,516	17,383	16,916	78	62	53 474	821,209	5 491,426	6,687	6,220
29	13	98 242	20 795,840	359 685,618	17,296	16,829	79	63	50 182	730,478	4 670,217	6,393	5,926
30	14	98 169	19 697,077	338 889,778	17,205	16,738	80	64	46 828	646,111	3 939,739	6,098	5,630
31	15	98 092	18 655,503	319 192,701	17,110	16,643	81	65	43 334	566,734	3 293,627	5,812	5,344
32	16	98 006	17 667,439	300 537,197	17,011	16,544	82	66	39 779	493,124	2 726,894	5,530	5,063
33	17	97 917	16 731,195	282 869,759	16,907	16,440	83	67	36 204	425,403	2 233,770	5,251	4,784
34	18	97 829	15 844,654	266 138,563	16,797	16,330	84	68	32 638	363,507	1 808,367	4,975	4,508
35	19	97 728	15 003,216	250 293,910	16,683	16,215	85	69	29 077	306,968	1 444,859	4,707	4,240
36	20	97 623	14 205,694	235 290,693	16,563	16,096	86	70	25 514	255,313	1 137,891	4,457	3,990
37	21	97 513	13 449,991	221 084,999	16,438	15,970	87	71	22 042	209,072	882,578	4,221	3,754
38	22	97 396	12 733,463	207 635,008	16,306	15,839	88	72	18 663	167,787	673,506	4,014	3,547
39	23	97 269	12 053,868	194 901,545	16,169	15,702	89	73	15 602	132,960	505,720	3,804	3,336
40	24	97 132	11 409,459	182 847,678	16,026	15,559	90	74	12 812	103,491	372,760	3,602	3,135
41	25	96 978	10 797,453	171 438,218	15,878	15,410	91	75	10 431	79,863	269,269	3,372	2,904
42	26	96 812	10 217,073	160 640,765	15,723	15,256	92	76	8 218	59,639	189,405	3,176	2,709
43	27	96 630	9 666,229	150 423,692	15,562	15,095	93	77	6 270	43,128	129,766	3,009	2,542
44	28	96 419	9 142,322	140 757,462	15,396	14,929	94	78	4 662	30,399	86,638	2,850	2,383
45	29	96 189	8 645,021	131 615,140	15,224	14,757	95	79	3 367	20,811	56,239	2,702	2,235
46	30	95 931	8 172,313	122 970,119	15,047	14,580	96	80	2 359	13,818	35,428	2,564	2,097
47	31	95 640	7 722,811	114 797,807	14,865	14,398	97	81	1 598	8,873	21,610	2,436	1,968
48	32	95 313	7 295,177	107 074,996	14,678	14,210	98	82	1 045	5,500	12,738	2,316	1,849
49	33	94 944	6 888,054	99 779,818	14,486	14,019	99	83	658	3,282	7,238	2,205	1,738
							100	84	398	1,882	3,955	2,102	1,634

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	6 503,529	93 057,729	14,309	13,842
1							51	34	94 136	6 135,927	86 554,200	14,106	13,639
2							52	35	93 646	5 785,773	80 418,273	13,899	13,432
3							53	36	93 114	5 452,976	74 632,500	13,687	13,219
4							54	37	92 536	5 136,647	69 179,524	13,468	13,001
5							55	38	91 895	4 835,111	64 042,877	13,245	12,778
6							56	39	91 207	4 548,744	59 207,766	13,016	12,549
7							57	40	90 464	4 276,478	54 659,022	12,781	12,314
8							58	41	89 680	4 018,384	50 382,543	12,538	12,071
9							59	42	88 813	3 772,077	46 364,160	12,291	11,824
10							60	43	87 877	3 537,765	42 592,083	12,039	11,572
11							61	44	86 854	3 314,273	39 054,318	11,784	11,316
12							62	45	85 780	3 102,662	35 740,045	11,519	11,052
13							63	46	84 611	2 900,827	32 637,383	11,251	10,784
14							64	47	83 370	2 709,279	29 736,556	10,976	10,509
15							65	48	82 029	2 526,734	27 027,277	10,697	10,229
16							66	49	80 601	2 353,311	24 500,543	10,411	9,944
17	0	99 357	39 985,763	721 300,203	18,039	17,572	67	50	79 092	2 188,852	22 147,232	10,118	9,651
18	1	99 005	37 767,028	681 314,440	18,040	17,573	68	51	77 484	2 032,578	19 958,380	9,819	9,352
19	2	98 922	35 768,064	643 547,411	17,992	17,525	69	52	75 772	1 884,048	17 925,801	9,515	9,047
20	3	98 852	33 879,427	607 779,348	17,939	17,472	70	53	73 929	1 742,381	16 041,754	9,207	8,740
21	4	98 779	32 089,415	573 899,920	17,884	17,417	71	54	71 966	1 607,687	14 299,372	8,894	8,427
22	5	98 711	30 395,712	541 810,505	17,825	17,358	72	55	69 883	1 479,777	12 691,685	8,577	8,110
23	6	98 647	28 792,286	511 414,793	17,762	17,295	73	56	67 606	1 356,929	11 211,908	8,263	7,796
24	7	98 584	27 274,048	482 622,508	17,695	17,228	74	57	65 191	1 240,233	9 854,980	7,946	7,479
25	8	98 519	25 835,126	455 348,460	17,625	17,158	75	58	62 578	1 128,469	8 614,746	7,634	7,167
26	9	98 455	24 472,238	429 513,334	17,551	17,084	76	59	59 819	1 022,470	7 486,278	7,322	6,855
27	10	98 389	23 180,796	405 041,096	17,473	17,006	77	60	56 904	921,939	6 463,808	7,011	6,544
28	11	98 318	21 956,642	381 860,301	17,392	16,924	78	61	53 780	825,905	5 541,870	6,710	6,243
29	12	98 250	20 797,434	359 903,659	17,305	16,838	79	62	50 499	735,091	4 715,965	6,415	5,948
30	13	98 179	19 699,015	339 106,224	17,214	16,747	80	63	47 142	650,449	3 980,874	6,120	5,653
31	14	98 104	18 657,813	319 407,209	17,119	16,652	81	64	43 648	570,841	3 330,425	5,834	5,367
32	15	98 019	17 669,834	300 749,396	17,020	16,553	82	65	40 090	496,972	2 759,584	5,553	5,086
33	16	97 933	16 733,885	283 079,562	16,917	16,449	83	66	36 504	428,928	2 262,612	5,275	4,808
34	17	97 846	15 847,435	266 345,677	16,807	16,340	84	67	32 935	366,816	1 833,683	4,999	4,532
35	18	97 750	15 006,494	250 498,241	16,693	16,225	85	68	29 365	310,004	1 466,867	4,732	4,265
36	19	97 644	14 208,750	235 491,747	16,574	16,107	86	69	25 797	258,145	1 156,863	4,481	4,014
37	20	97 534	13 452,830	221 282,997	16,449	15,982	87	70	22 309	211,600	898,718	4,247	3,780
38	21	97 417	12 736,216	207 830,168	16,318	15,851	88	71	18 915	170,056	687,118	4,041	3,573
39	22	97 291	12 056,638	195 093,952	16,181	15,714	89	72	15 848	135,050	517,062	3,829	3,362
40	23	97 154	11 412,055	183 037,314	16,039	15,572	90	73	13 038	105,317	382,013	3,627	3,160
41	24	97 000	10 799,909	171 625,259	15,891	15,424	91	74	10 636	81,437	276,696	3,398	2,930
42	25	96 834	10 219,351	160 825,350	15,737	15,270	92	75	8 405	60,998	195,259	3,201	2,734
43	26	96 656	9 668,812	150 605,999	15,576	15,109	93	76	6 433	44,249	134,260	3,034	2,567
44	27	96 444	9 144,683	140 937,187	15,412	14,945	94	77	4 801	31,306	90,011	2,875	2,408
45	28	96 214	8 647,267	131 792,504	15,241	14,774	95	78	3 483	21,527	58,705	2,727	2,260
46	29	95 957	8 174,580	123 145,237	15,064	14,597	96	79	2 451	14,357	37,179	2,590	2,122
47	30	95 667	7 724,931	114 970,658	14,883	14,416	97	80	1 670	9,275	22,821	2,461	1,993
48	31	95 344	7 297,557	107 245,726	14,696	14,229	98	81	1 099	5,786	13,547	2,341	1,874
49	32	94 977	6 890,441	99 948,170	14,505	14,038	99	82	698	3,480	7,760	2,230	1,763
							100	83	426	2,013	4,280	2,126	1,659

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	6 505,782	93 209,353	14,327	13,860
1							51	33	94 170	6 138,148	86 703,571	14,125	13,658
2							52	34	93 684	5 788,122	80 565,423	13,919	13,452
3							53	35	93 153	5 455,301	74 777,301	13,707	13,240
4							54	36	92 580	5 139,043	69 322,000	13,489	13,022
5							55	37	91 943	4 837,659	64 182,957	13,267	12,800
6							56	38	91 261	4 551,427	59 345,298	13,039	12,572
7							57	39	90 528	4 279,488	54 793,870	12,804	12,337
8							58	40	89 744	4 021,250	50 514,382	12,562	12,095
9							59	41	88 887	3 775,214	46 493,132	12,315	11,848
10							60	42	87 960	3 541,114	42 717,918	12,063	11,596
11							61	43	86 945	3 317,776	39 176,804	11,808	11,341
12							62	44	85 877	3 106,174	35 859,029	11,544	11,077
13							63	45	84 726	2 904,756	32 752,854	11,276	10,808
14							64	46	83 500	2 713,487	29 848,098	11,000	10,533
15							65	47	82 172	2 531,127	27 134,611	10,720	10,253
16							66	48	80 751	2 357,680	24 603,484	10,435	9,968
17							67	49	79 258	2 193,441	22 245,805	10,142	9,675
18	0	99 323	37 888,256	681 671,566	17,992	17,524	68	50	77 666	2 037,339	20 052,363	9,842	9,375
19	1	98 950	35 778,237	643 783,310	17,994	17,527	69	51	75 962	1 888,752	18 015,025	9,538	9,071
20	2	98 868	33 884,890	608 005,073	17,943	17,476	70	52	74 135	1 747,223	16 126,273	9,230	8,762
21	3	98 793	32 094,017	574 120,183	17,889	17,422	71	53	72 185	1 612,588	14 379,050	8,917	8,450
22	4	98 723	30 399,355	542 026,166	17,830	17,363	72	54	70 107	1 484,507	12 766,462	8,600	8,133
23	5	98 656	28 794,890	511 626,811	17,768	17,301	73	55	67 850	1 361,828	11 281,956	8,284	7,817
24	6	98 592	27 276,235	482 831,920	17,702	17,234	74	56	65 439	1 244,955	9 920,128	7,968	7,501
25	7	98 528	25 837,284	455 555,685	17,632	17,165	75	57	62 838	1 133,144	8 675,172	7,656	7,189
26	8	98 461	24 473,758	429 718,401	17,558	17,091	76	58	60 093	1 027,153	7 542,028	7,343	6,875
27	9	98 395	23 182,267	405 244,643	17,481	17,014	77	59	57 177	926,365	6 514,875	7,033	6,566
28	10	98 326	21 958,411	382 062,376	17,399	16,932	78	60	54 076	830,446	5 588,510	6,730	6,262
29	11	98 257	20 799,086	360 103,965	17,313	16,846	79	61	50 788	739,294	4 758,064	6,436	5,969
30	12	98 186	19 700,525	339 304,879	17,223	16,756	80	62	47 440	654,556	4 018,770	6,140	5,673
31	13	98 114	18 659,648	319 604,354	17,128	16,661	81	63	43 941	574,674	3 364,214	5,854	5,387
32	14	98 031	17 672,022	300 944,705	17,029	16,562	82	64	40 380	500,574	2 789,540	5,573	5,105
33	15	97 946	16 736,154	283 272,683	16,926	16,459	83	65	36 789	432,275	2 288,966	5,295	4,828
34	16	97 862	15 849,983	266 536,529	16,816	16,349	84	66	33 208	369,856	1 856,691	5,020	4,553
35	17	97 767	15 009,129	250 686,546	16,702	16,235	85	67	29 632	312,826	1 486,835	4,753	4,286
36	18	97 665	14 211,854	235 677,417	16,583	16,116	86	68	26 053	260,698	1 174,009	4,503	4,036
37	19	97 555	13 455,724	221 465,562	16,459	15,992	87	69	22 556	213,947	913,311	4,269	3,802
38	20	97 437	12 738,903	208 009,839	16,329	15,862	88	70	19 144	172,112	699,364	4,063	3,596
39	21	97 312	12 059,245	195 270,936	16,193	15,725	89	71	16 062	136,876	527,252	3,852	3,385
40	22	97 177	11 414,678	183 211,691	16,051	15,583	90	72	13 243	106,972	390,376	3,649	3,182
41	23	97 022	10 802,366	171 797,013	15,904	15,436	91	73	10 824	82,874	283,404	3,420	2,953
42	24	96 856	10 221,674	160 994,647	15,750	15,283	92	74	8 571	62,200	200,530	3,224	2,757
43	25	96 678	9 670,968	150 772,972	15,590	15,123	93	75	6 579	45,258	138,330	3,056	2,589
44	26	96 470	9 147,126	141 102,005	15,426	14,959	94	76	4 926	32,120	93,072	2,898	2,430
45	27	96 239	8 649,500	131 954,878	15,256	14,789	95	77	3 587	22,169	60,952	2,749	2,282
46	28	95 982	8 176,704	123 305,379	15,080	14,613	96	78	2 535	14,851	38,783	2,611	2,144
47	29	95 693	7 727,074	115 128,675	14,899	14,432	97	79	1 735	9,637	23,932	2,483	2,016
48	30	95 371	7 299,560	107 401,601	14,713	14,246	98	80	1 149	6,049	14,296	2,363	1,896
49	31	95 008	6 892,688	100 102,041	14,523	14,056	99	81	734	3,662	8,247	2,252	1,785
							100	82	451	2,134	4,585	2,149	1,681

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	6 507,904	93 347,920	14,344	13,877
1							51	32	94 203	6 140,275	86 840,016	14,143	13,676
2							52	33	93 718	5 790,217	80 699,741	13,937	13,470
3							53	34	93 191	5 457,516	74 909,524	13,726	13,259
4							54	35	92 619	5 141,234	69 452,009	13,509	13,042
5							55	36	91 986	4 839,916	64 310,775	13,288	12,820
6							56	37	91 309	4 553,826	59 470,859	13,060	12,592
7							57	38	90 581	4 282,013	54 917,033	12,825	12,358
8							58	39	89 807	4 024,080	50 635,020	12,583	12,116
9							59	40	88 950	3 777,907	46 610,940	12,338	11,871
10							60	41	88 034	3 544,059	42 833,033	12,086	11,619
11							61	42	87 028	3 320,917	39 288,974	11,831	11,364
12							62	43	85 968	3 109,457	35 968,057	11,567	11,100
13							63	44	84 822	2 908,045	32 858,601	11,299	10,832
14							64	45	83 613	2 717,162	29 950,556	11,023	10,556
15							65	46	82 300	2 535,059	27 233,394	10,743	10,276
16							66	47	80 891	2 361,778	24 698,335	10,458	9,990
17							67	48	79 405	2 197,513	22 336,557	10,164	9,697
18							68	49	77 829	2 041,610	20 139,044	9,864	9,397
19	0	99 268	35 893,081	644 114,387	17,945	17,478	69	50	76 140	1 893,175	18 097,434	9,559	9,092
20	1	98 896	33 894,527	608 221,307	17,945	17,477	70	51	74 320	1 751,585	16 204,259	9,251	8,784
21	2	98 809	32 099,192	574 326,779	17,892	17,425	71	52	72 386	1 617,069	14 452,673	8,938	8,470
22	3	98 737	30 403,714	542 227,587	17,834	17,367	72	53	70 320	1 489,032	12 835,605	8,620	8,153
23	4	98 667	28 798,342	511 823,873	17,773	17,305	73	54	68 067	1 366,181	11 346,573	8,305	7,838
24	5	98 601	27 278,703	483 025,531	17,707	17,240	74	55	65 675	1 249,450	9 980,392	7,988	7,521
25	6	98 536	25 839,356	455 746,828	17,638	17,171	75	56	63 077	1 137,458	8 730,942	7,676	7,209
26	7	98 469	24 475,803	429 907,472	17,565	17,097	76	57	60 342	1 031,409	7 593,483	7,362	6,895
27	8	98 401	23 183,707	405 431,670	17,488	17,021	77	58	57 439	930,608	6 562,074	7,051	6,584
28	9	98 333	21 959,805	382 247,963	17,407	16,940	78	59	54 335	834,433	5 631,466	6,749	6,282
29	10	98 265	20 800,762	360 288,157	17,321	16,854	79	60	51 067	743,359	4 797,033	6,453	5,986
30	11	98 194	19 702,090	339 487,396	17,231	16,764	80	61	47 711	658,299	4 053,674	6,158	5,691
31	12	98 121	18 661,079	319 785,306	17,136	16,669	81	62	44 219	578,302	3 395,375	5,871	5,404
32	13	98 041	17 673,761	301 124,227	17,038	16,571	82	63	40 651	503,934	2 817,073	5,590	5,123
33	14	97 958	16 738,226	283 450,466	16,934	16,467	83	64	37 055	435,408	2 313,139	5,313	4,845
34	15	97 875	15 852,132	266 712,240	16,825	16,358	84	65	33 467	372,742	1 877,730	5,038	4,570
35	16	97 783	15 011,542	250 860,107	16,711	16,244	85	66	29 878	315,419	1 504,988	4,771	4,304
36	17	97 682	14 214,349	235 848,565	16,592	16,125	86	67	26 290	263,071	1 189,569	4,522	4,055
37	18	97 576	13 458,663	221 634,216	16,468	16,001	87	68	22 780	216,063	926,498	4,288	3,821
38	19	97 458	12 741,643	208 175,552	16,338	15,871	88	69	19 356	174,021	710,435	4,082	3,615
39	20	97 332	12 061,790	195 433,909	16,203	15,736	89	70	16 256	138,531	536,415	3,872	3,405
40	21	97 198	11 417,146	183 372,119	16,061	15,594	90	71	13 422	108,419	397,884	3,670	3,203
41	22	97 044	10 804,849	171 954,974	15,915	15,447	91	72	10 994	84,176	289,465	3,439	2,972
42	23	96 878	10 224,000	161 150,125	15,762	15,295	92	73	8 722	63,298	205,288	3,243	2,776
43	24	96 700	9 673,167	150 926,125	15,603	15,135	93	74	6 709	46,150	141,991	3,077	2,610
44	25	96 492	9 149,165	141 252,958	15,439	14,972	94	75	5 038	32,852	95,841	2,917	2,450
45	26	96 265	8 651,811	132 103,793	15,269	14,802	95	76	3 680	22,745	62,989	2,769	2,302
46	27	96 007	8 178,815	123 451,982	15,094	14,627	96	77	2 611	15,294	40,244	2,631	2,164
47	28	95 718	7 729,082	115 273,167	14,914	14,447	97	78	1 795	9,968	24,950	2,503	2,036
48	29	95 397	7 301,585	107 544,085	14,729	14,262	98	79	1 194	6,285	14,982	2,384	1,917
49	30	95 034	6 894,580	100 242,500	14,539	14,072	99	80	767	3,828	8,697	2,272	1,805
							100	81	475	2,245	4,870	2,169	1,702

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	6 509,690	93 474,381	14,359	13,892
1							51	31	94 233	6 142,277	86 964,691	14,158	13,691
2							52	32	93 750	5 792,223	80 822,413	13,954	13,486
3							53	33	93 225	5 459,491	75 030,190	13,743	13,276
4							54	34	92 657	5 143,321	69 570,700	13,526	13,059
5							55	35	92 026	4 841,979	64 427,378	13,306	12,839
6							56	36	91 352	4 555,950	59 585,399	13,079	12,611
7							57	37	90 629	4 284,269	55 029,449	12,845	12,377
8							58	38	89 860	4 026,454	50 745,179	12,603	12,136
9							59	39	89 013	3 780,566	46 718,726	12,358	11,890
10							60	40	88 096	3 546,587	42 938,160	12,107	11,640
11							61	41	87 100	3 323,679	39 391,573	11,852	11,385
12							62	42	86 049	3 112,401	36 067,894	11,588	11,121
13							63	43	84 911	2 911,117	32 955,493	11,321	10,853
14							64	44	83 707	2 720,238	30 044,376	11,045	10,578
15							65	45	82 411	2 538,492	27 324,137	10,764	10,297
16							66	46	81 017	2 365,447	24 785,645	10,478	10,011
17							67	47	79 543	2 201,333	22 420,199	10,185	9,718
18							68	48	77 973	2 045,400	20 218,865	9,885	9,418
19							69	49	76 299	1 897,144	18 173,465	9,579	9,112
20	0	99 213	34 003,325	608 528,310	17,896	17,429	70	50	74 494	1 755,687	16 276,321	9,271	8,803
21	1	98 837	32 108,321	574 524,985	17,893	17,426	71	51	72 567	1 621,107	14 520,634	8,957	8,490
22	2	98 753	30 408,617	542 416,664	17,838	17,370	72	52	70 516	1 493,169	12 899,527	8,639	8,172
23	3	98 682	28 802,472	512 008,047	17,777	17,309	73	53	68 275	1 370,345	11 406,358	8,324	7,857
24	4	98 613	27 281,972	483 205,576	17,712	17,244	74	54	65 885	1 253,444	10 036,012	8,007	7,540
25	5	98 545	25 841,694	455 923,603	17,643	17,176	75	55	63 305	1 141,565	8 782,568	7,693	7,226
26	6	98 477	24 477,765	430 081,910	17,570	17,103	76	56	60 571	1 035,336	7 641,003	7,380	6,913
27	7	98 409	23 185,644	405 604,144	17,494	17,027	77	57	57 677	934,464	6 605,667	7,069	6,602
28	8	98 339	21 961,169	382 418,500	17,413	16,946	78	58	54 584	838,255	5 671,203	6,765	6,298
29	9	98 272	20 802,082	360 457,331	17,328	16,861	79	59	51 312	746,928	4 832,948	6,470	6,003
30	10	98 202	19 703,677	339 655,249	17,238	16,771	80	60	47 973	661,918	4 086,020	6,173	5,706
31	11	98 129	18 662,561	319 951,571	17,144	16,677	81	61	44 471	581,609	3 424,102	5,887	5,420
32	12	98 049	17 675,115	301 289,010	17,046	16,579	82	62	40 908	507,117	2 842,493	5,605	5,138
33	13	97 968	16 739,873	283 613,895	16,942	16,475	83	63	37 304	438,332	2 335,376	5,328	4,861
34	14	97 887	15 854,095	266 874,022	16,833	16,366	84	64	33 709	375,444	1 897,045	5,053	4,586
35	15	97 796	15 013,578	251 019,927	16,720	16,252	85	65	30 111	317,880	1 521,601	4,787	4,320
36	16	97 698	14 216,635	236 006,349	16,601	16,134	86	66	26 508	265,251	1 203,721	4,538	4,071
37	17	97 593	13 461,026	221 789,714	16,476	16,009	87	67	22 987	218,030	938,470	4,304	3,837
38	18	97 480	12 744,427	208 328,688	16,347	15,879	88	68	19 548	175,742	720,440	4,099	3,632
39	19	97 353	12 064,384	195 584,261	16,212	15,745	89	69	16 436	140,067	544,698	3,889	3,422
40	20	97 218	11 419,555	183 519,877	16,071	15,603	90	70	13 585	109,730	404,631	3,688	3,220
41	21	97 065	10 807,185	172 100,321	15,925	15,457	91	71	11 143	85,315	294,901	3,457	2,989
42	22	96 900	10 226,350	161 293,137	15,772	15,305	92	72	8 859	64,293	209,586	3,260	2,793
43	23	96 722	9 675,368	151 066,787	15,614	15,146	93	73	6 827	46,964	145,294	3,094	2,627
44	24	96 514	9 151,246	141 391,419	15,451	14,983	94	74	5 138	33,499	98,330	2,935	2,468
45	25	96 286	8 653,739	132 240,173	15,281	14,814	95	75	3 764	23,263	64,831	2,787	2,320
46	26	96 033	8 181,000	123 586,434	15,107	14,639	96	76	2 679	15,692	41,567	2,649	2,182
47	27	95 743	7 731,077	115 405,434	14,927	14,460	97	77	1 849	10,265	25,876	2,521	2,053
48	28	95 422	7 303,482	107 674,356	14,743	14,276	98	78	1 235	6,501	15,610	2,401	1,934
49	29	95 060	6 896,493	100 370,874	14,554	14,087	99	79	797	3,977	9,109	2,290	1,823
							100	80	496	2,347	5,132	2,187	1,719

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	6 511,496	93 589,939	14,373	13,906
1							51	30	94 259	6 143,963	87 078,442	14,173	13,706
2							52	31	93 781	5 794,112	80 934,479	13,968	13,501
3							53	32	93 257	5 461,382	75 140,367	13,758	13,291
4							54	33	92 690	5 145,183	69 678,985	13,543	13,075
5							55	34	92 063	4 843,945	64 533,802	13,323	12,855
6							56	35	91 391	4 557,893	59 689,857	13,096	12,629
7							57	36	90 671	4 286,268	55 131,964	12,862	12,395
8							58	37	89 907	4 028,576	50 845,696	12,621	12,154
9							59	38	89 065	3 782,796	46 817,120	12,376	11,909
10							60	39	88 158	3 549,083	43 034,324	12,125	11,658
11							61	40	87 162	3 326,050	39 485,241	11,872	11,404
12							62	41	86 121	3 114,989	36 159,192	11,608	11,141
13							63	42	84 992	2 913,874	33 044,202	11,340	10,873
14							64	43	83 796	2 723,113	30 130,329	11,065	10,597
15							65	44	82 504	2 541,366	27 407,216	10,784	10,317
16							66	45	81 127	2 368,651	24 865,850	10,498	10,031
17							67	46	79 666	2 204,753	22 497,200	10,204	9,737
18							68	47	78 109	2 048,956	20 292,447	9,904	9,437
19							69	48	76 441	1 900,666	18 243,491	9,598	9,131
20							70	49	74 650	1 759,368	16 342,825	9,289	8,822
21	0	99 154	32 211,385	574 809,724	17,845	17,378	71	50	72 736	1 624,903	14 583,457	8,975	8,508
22	1	98 781	30 417,265	542 598,339	17,838	17,371	72	51	70 692	1 496,898	12 958,554	8,657	8,190
23	2	98 698	28 807,116	512 181,074	17,780	17,312	73	52	68 464	1 374,153	11 461,656	8,341	7,874
24	3	98 627	27 285,885	483 373,958	17,715	17,248	74	53	66 086	1 257,265	10 087,503	8,023	7,556
25	4	98 556	25 844,791	456 088,073	17,647	17,180	75	54	63 507	1 145,214	8 830,238	7,711	7,243
26	5	98 486	24 479,980	430 243,282	17,575	17,108	76	55	60 790	1 039,074	7 685,024	7,396	6,929
27	6	98 417	23 187,503	405 763,302	17,499	17,032	77	56	57 897	938,022	6 645,950	7,085	6,618
28	7	98 347	21 963,004	382 575,799	17,419	16,952	78	57	54 810	841,728	5 707,928	6,781	6,314
29	8	98 278	20 803,375	360 612,795	17,334	16,867	79	58	51 548	750,349	4 866,200	6,485	6,018
30	9	98 208	19 704,928	339 809,420	17,245	16,778	80	59	48 204	665,096	4 115,850	6,188	5,721
31	10	98 137	18 664,065	320 104,492	17,151	16,684	81	60	44 716	584,807	3 450,754	5,901	5,433
32	11	98 056	17 676,519	301 440,428	17,053	16,586	82	61	41 142	510,016	2 865,947	5,619	5,152
33	12	97 975	16 741,156	283 763,908	16,950	16,483	83	62	37 540	441,099	2 355,931	5,341	4,874
34	13	97 897	15 855,655	267 022,752	16,841	16,374	84	63	33 936	377,964	1 914,832	5,066	4,599
35	14	97 808	15 015,436	251 167,097	16,727	16,260	85	64	30 329	320,184	1 536,868	4,800	4,333
36	15	97 711	14 218,562	236 151,661	16,609	16,142	86	65	26 714	267,321	1 216,684	4,551	4,084
37	16	97 609	13 463,191	221 933,098	16,484	16,017	87	66	23 177	219,837	949,363	4,318	3,851
38	17	97 497	12 746,665	208 469,908	16,355	15,888	88	67	19 725	177,342	729,526	4,114	3,646
39	18	97 375	12 067,020	195 723,243	16,220	15,752	89	68	16 599	141,453	552,185	3,904	3,436
40	19	97 239	11 422,012	183 656,223	16,079	15,612	90	69	13 735	110,947	410,732	3,702	3,235
41	20	97 086	10 809,465	172 234,211	15,934	15,466	91	70	11 278	86,346	299,785	3,472	3,005
42	21	96 921	10 228,561	161 424,746	15,782	15,315	92	71	8 979	65,162	213,438	3,276	2,808
43	22	96 744	9 677,591	151 196,185	15,623	15,156	93	72	6 934	47,702	148,276	3,108	2,641
44	23	96 536	9 153,328	141 518,594	15,461	14,994	94	73	5 228	34,090	100,575	2,950	2,483
45	24	96 308	8 655,707	132 365,266	15,292	14,825	95	74	3 838	23,722	66,484	2,803	2,335
46	25	96 054	8 182,824	123 709,559	15,118	14,651	96	75	2 740	16,049	42,762	2,664	2,197
47	26	95 768	7 733,143	115 526,735	14,939	14,472	97	76	1 897	10,532	26,713	2,536	2,069
48	27	95 447	7 305,368	107 793,591	14,755	14,288	98	77	1 272	6,695	16,181	2,417	1,950
49	28	95 085	6 898,285	100 488,223	14,567	14,100	99	78	825	4,114	9,486	2,306	1,839
							100	79	516	2,439	5,372	2,203	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	6 513,188	93 695,549	14,386	13,918
1							51	29	94 285	6 145,668	87 182,361	14,186	13,719
2							52	30	93 807	5 795,703	81 036,693	13,982	13,515
3							53	31	93 288	5 463,163	75 240,990	13,772	13,305
4							54	32	92 722	5 146,965	69 777,827	13,557	13,090
5							55	33	92 096	4 845,698	64 630,861	13,338	12,871
6							56	34	91 428	4 559,743	59 785,163	13,112	12,644
7							57	35	90 710	4 288,095	55 225,420	12,879	12,412
8							58	36	89 949	4 030,455	50 937,324	12,638	12,171
9							59	37	89 112	3 784,789	46 906,869	12,394	11,926
10							60	38	88 210	3 551,177	43 122,080	12,143	11,676
11							61	39	87 224	3 328,390	39 570,903	11,889	11,422
12							62	40	86 182	3 117,211	36 242,513	11,627	11,159
13							63	41	85 062	2 916,297	33 125,302	11,359	10,891
14							64	42	83 875	2 725,691	30 209,004	11,083	10,616
15							65	43	82 592	2 544,051	27 483,313	10,803	10,336
16							66	44	81 218	2 371,332	24 939,262	10,517	10,050
17							67	45	79 774	2 207,739	22 567,930	10,222	9,755
18							68	46	78 230	2 052,138	20 360,191	9,921	9,454
19							69	47	76 574	1 903,970	18 308,053	9,616	9,149
20							70	48	74 788	1 762,634	16 404,083	9,307	8,839
21							71	49	72 889	1 628,310	14 641,448	8,992	8,525
22	0	99 098	30 514,901	542 862,487	17,790	17,323	72	50	70 857	1 500,404	13 013,139	8,673	8,206
23	1	98 726	28 815,309	512 347,586	17,780	17,313	73	51	68 635	1 377,584	11 512,735	8,357	7,890
24	2	98 643	27 290,284	483 532,277	17,718	17,251	74	52	66 270	1 260,758	10 135,151	8,039	7,572
25	3	98 570	25 848,498	456 241,992	17,651	17,183	75	53	63 701	1 148,705	8 874,392	7,726	7,258
26	4	98 498	24 482,914	430 393,495	17,579	17,112	76	54	60 984	1 042,395	7 725,687	7,411	6,944
27	5	98 426	23 189,601	405 910,581	17,504	17,037	77	55	58 106	941,409	6 683,292	7,099	6,632
28	6	98 355	21 964,765	382 720,980	17,424	16,957	78	56	55 019	844,933	5 741,883	6,796	6,328
29	7	98 286	20 805,113	360 756,215	17,340	16,873	79	57	51 761	753,458	4 896,950	6,499	6,032
30	8	98 215	19 706,152	339 951,102	17,251	16,784	80	58	48 425	668,143	4 143,492	6,202	5,734
31	9	98 143	18 665,250	320 244,950	17,157	16,690	81	59	44 931	587,615	3 475,349	5,914	5,447
32	10	98 064	17 677,943	301 579,700	17,060	16,592	82	60	41 368	512,820	2 887,735	5,631	5,164
33	11	97 983	16 742,486	283 901,757	16,957	16,490	83	61	37 754	443,622	2 374,915	5,353	4,886
34	12	97 904	15 856,870	267 159,271	16,848	16,381	84	62	34 150	380,351	1 931,293	5,078	4,610
35	13	97 818	15 016,914	251 302,401	16,735	16,267	85	63	30 533	322,333	1 550,942	4,812	4,344
36	14	97 723	14 220,323	236 285,487	16,616	16,149	86	64	26 908	269,259	1 228,609	4,563	4,096
37	15	97 622	13 465,016	222 065,164	16,492	16,025	87	65	23 358	221,552	959,350	4,330	3,863
38	16	97 512	12 748,714	208 600,148	16,362	15,895	88	66	19 889	178,811	737,798	4,126	3,659
39	17	97 392	12 069,139	195 851,434	16,227	15,760	89	67	16 750	142,740	558,987	3,916	3,449
40	18	97 260	11 424,507	183 782,295	16,087	15,619	90	68	13 871	112,045	416,247	3,715	3,248
41	19	97 107	10 811,791	172 357,788	15,942	15,474	91	69	11 403	87,304	304,202	3,484	3,017
42	20	96 941	10 230,719	161 545,998	15,790	15,323	92	70	9 087	65,950	216,898	3,289	2,822
43	21	96 765	9 679,684	151 315,278	15,632	15,165	93	71	7 028	48,347	150,948	3,122	2,655
44	22	96 558	9 155,432	141 635,595	15,470	15,003	94	72	5 310	34,626	102,601	2,963	2,496
45	23	96 330	8 657,677	132 480,163	15,302	14,835	95	73	3 906	24,140	67,975	2,816	2,349
46	24	96 076	8 184,685	123 822,486	15,129	14,661	96	74	2 794	16,365	43,835	2,679	2,211
47	25	95 790	7 734,867	115 637,802	14,950	14,483	97	75	1 940	10,772	27,470	2,550	2,083
48	26	95 472	7 307,320	107 902,934	14,766	14,299	98	76	1 305	6,869	16,697	2,431	1,964
49	27	95 109	6 900,066	100 595,614	14,579	14,112	99	77	849	4,236	9,828	2,320	1,853
							100	78	533	2,523	5,592	2,217	1,750

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	6 514,870	93 792,176	14,397	13,929
1							51	28	94 310	6 147,265	87 277,306	14,198	13,731
2							52	29	93 833	5 797,310	81 130,041	13,994	13,527
3							53	30	93 313	5 464,663	75 332,731	13,785	13,318
4							54	31	92 753	5 148,644	69 868,067	13,570	13,103
5							55	32	92 128	4 847,377	64 719,423	13,351	12,884
6							56	33	91 461	4 561,394	59 872,046	13,126	12,659
7							57	34	90 747	4 289,836	55 310,653	12,893	12,426
8							58	35	89 987	4 032,173	51 020,817	12,653	12,186
9							59	36	89 154	3 786,555	46 988,643	12,409	11,942
10							60	37	88 257	3 553,048	43 202,088	12,159	11,692
11							61	38	87 275	3 330,354	39 649,040	11,905	11,438
12							62	39	86 243	3 119,405	36 318,686	11,643	11,176
13							63	40	85 123	2 918,377	33 199,281	11,376	10,909
14							64	41	83 945	2 727,958	30 280,904	11,100	10,633
15							65	42	82 670	2 546,460	27 552,946	10,820	10,353
16							66	43	81 304	2 373,838	25 006,486	10,534	10,067
17							67	44	79 865	2 210,238	22 632,648	10,240	9,773
18							68	45	78 336	2 054,918	20 422,410	9,938	9,471
19							69	46	76 693	1 906,928	18 367,492	9,632	9,165
20							70	47	74 918	1 765,699	16 460,564	9,322	8,855
21							71	48	73 024	1 631,332	14 694,866	9,008	8,541
22							72	49	71 006	1 503,549	13 063,533	8,688	8,221
23	0	99 043	28 907,803	512 592,679	17,732	17,265	73	50	68 796	1 380,810	11 559,984	8,372	7,905
24	1	98 671	27 298,046	483 684,876	17,719	17,251	74	51	66 435	1 263,907	10 179,174	8,054	7,587
25	2	98 586	25 852,665	456 386,830	17,653	17,186	75	52	63 878	1 151,897	8 915,267	7,740	7,272
26	3	98 512	24 486,425	430 534,165	17,583	17,115	76	53	61 170	1 045,573	7 763,370	7,425	6,958
27	4	98 438	23 192,381	406 047,740	17,508	17,041	77	54	58 291	944,418	6 717,797	7,113	6,646
28	5	98 364	21 966,752	382 855,359	17,429	16,962	78	55	55 218	847,984	5 773,380	6,808	6,341
29	6	98 294	20 806,781	360 888,607	17,345	16,878	79	56	51 958	756,327	4 925,396	6,512	6,045
30	7	98 223	19 707,799	340 081,826	17,256	16,789	80	57	48 625	670,911	4 169,069	6,214	5,747
31	8	98 149	18 666,409	320 374,027	17,163	16,696	81	58	45 136	590,306	3 498,158	5,926	5,459
32	9	98 070	17 679,066	301 707,618	17,066	16,599	82	59	41 567	515,282	2 907,852	5,643	5,176
33	10	97 991	16 743,835	284 028,553	16,963	16,496	83	60	37 962	446,061	2 392,569	5,364	4,897
34	11	97 912	15 858,130	267 284,718	16,855	16,388	84	61	34 345	382,525	1 946,509	5,089	4,621
35	12	97 825	15 018,065	251 426,588	16,742	16,274	85	62	30 725	324,369	1 563,983	4,822	4,354
36	13	97 733	14 221,722	236 408,523	16,623	16,156	86	63	27 089	271,066	1 239,615	4,573	4,106
37	14	97 634	13 466,683	222 186,802	16,499	16,032	87	64	23 528	223,158	968,548	4,340	3,873
38	15	97 526	12 750,443	208 720,118	16,370	15,902	88	65	20 044	180,207	745,391	4,136	3,669
39	16	97 407	12 071,079	195 969,676	16,235	15,767	89	66	16 889	143,923	565,184	3,927	3,460
40	17	97 277	11 426,513	183 898,596	16,094	15,627	90	67	13 997	113,064	421,261	3,726	3,259
41	18	97 128	10 814,153	172 472,083	15,949	15,482	91	68	11 515	88,168	308,196	3,496	3,028
42	19	96 962	10 232,920	161 657,931	15,798	15,331	92	69	9 188	66,681	220,029	3,300	2,833
43	20	96 785	9 681,726	151 425,011	15,640	15,173	93	70	7 113	48,932	153,348	3,134	2,667
44	21	96 579	9 157,411	141 743,284	15,479	15,011	94	71	5 382	35,094	104,416	2,975	2,508
45	22	96 352	8 659,666	132 585,873	15,311	14,844	95	72	3 967	24,520	69,322	2,827	2,360
46	23	96 098	8 186,547	123 926,207	15,138	14,671	96	73	2 843	16,654	44,802	2,690	2,223
47	24	95 811	7 736,626	115 739,660	14,960	14,493	97	74	1 978	10,985	28,148	2,562	2,095
48	25	95 493	7 308,949	108 003,034	14,777	14,310	98	75	1 335	7,025	17,163	2,443	1,976
49	26	95 135	6 901,910	100 694,085	14,589	14,122	99	76	871	4,347	10,138	2,332	1,865
							100	77	549	2,598	5,791	2,229	1,762



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	6 516,611	93 880,763	14,406	13,939
1							51	27	94 334	6 148,852	87 364,152	14,208	13,741
2							52	28	93 857	5 798,817	81 215,300	14,005	13,538
3							53	29	93 339	5 466,179	75 416,484	13,797	13,330
4							54	30	92 778	5 150,057	69 950,304	13,582	13,115
5							55	31	92 158	4 848,958	64 800,247	13,364	12,897
6							56	32	91 493	4 562,974	59 951,289	13,139	12,671
7							57	33	90 780	4 291,389	55 388,315	12,907	12,440
8							58	34	90 024	4 033,810	51 096,926	12,667	12,200
9							59	35	89 192	3 788,170	47 063,116	12,424	11,957
10							60	36	88 298	3 554,706	43 274,946	12,174	11,707
11							61	37	87 321	3 332,109	39 720,241	11,920	11,453
12							62	38	86 294	3 121,245	36 388,132	11,658	11,191
13							63	39	85 183	2 920,431	33 266,887	11,391	10,924
14							64	40	84 005	2 729,904	30 346,456	11,116	10,649
15							65	41	82 739	2 548,578	27 616,552	10,836	10,369
16							66	42	81 381	2 376,085	25 067,974	10,550	10,083
17							67	43	79 949	2 212,574	22 691,888	10,256	9,789
18							68	44	78 425	2 057,244	20 479,315	9,955	9,488
19							69	45	76 797	1 909,511	18 422,071	9,648	9,180
20							70	46	75 035	1 768,441	16 512,560	9,337	8,870
21							71	47	73 151	1 634,168	14 744,119	9,022	8,555
22							72	48	71 138	1 506,340	13 109,950	8,703	8,236
23							73	49	68 940	1 383,705	11 603,610	8,386	7,919
24	0	98 988	27 385,670	483 912,333	17,670	17,203	74	50	66 591	1 266,867	10 219,905	8,067	7,600
25	1	98 614	25 860,018	456 526,663	17,654	17,187	75	51	64 037	1 154,773	8 953,038	7,753	7,286
26	2	98 528	24 490,373	430 666,645	17,585	17,118	76	52	61 340	1 048,478	7 798,265	7,438	6,971
27	3	98 452	23 195,707	406 176,272	17,511	17,044	77	53	58 469	947,297	6 749,787	7,125	6,658
28	4	98 375	21 969,385	382 980,565	17,432	16,965	78	54	55 394	850,694	5 802,490	6,821	6,354
29	5	98 303	20 808,663	361 011,180	17,349	16,882	79	55	52 146	759,058	4 951,796	6,524	6,056
30	6	98 231	19 709,379	340 202,517	17,261	16,794	80	56	48 810	673,465	4 192,739	6,226	5,758
31	7	98 157	18 667,969	320 493,138	17,168	16,701	81	57	45 323	592,752	3 519,273	5,937	5,470
32	8	98 077	17 680,164	301 825,169	17,071	16,604	82	58	41 757	517,643	2 926,521	5,654	5,186
33	9	97 997	16 744,898	284 145,005	16,969	16,502	83	59	38 144	448,202	2 408,878	5,375	4,907
34	10	97 920	15 859,407	267 400,107	16,861	16,393	84	60	34 534	384,629	1 960,676	5,098	4,630
35	11	97 833	15 019,258	251 540,700	16,748	16,281	85	61	30 901	326,223	1 576,048	4,831	4,364
36	12	97 740	14 222,812	236 521,442	16,630	16,163	86	62	27 260	272,778	1 249,824	4,582	4,115
37	13	97 644	13 468,008	222 298,630	16,506	16,038	87	63	23 685	224,656	977,046	4,349	3,882
38	14	97 538	12 752,021	208 830,622	16,376	15,909	88	64	20 189	181,513	752,390	4,145	3,678
39	15	97 421	12 072,716	196 078,601	16,241	15,774	89	65	17 021	145,046	570,878	3,936	3,469
40	16	97 293	11 428,350	184 005,885	16,101	15,634	90	66	14 113	114,001	425,831	3,735	3,268
41	17	97 145	10 816,051	172 577,535	15,956	15,489	91	67	11 620	88,970	311,830	3,505	3,038
42	18	96 983	10 235,156	161 761,483	15,804	15,337	92	68	9 279	67,341	222,860	3,309	2,842
43	19	96 806	9 683,809	151 526,328	15,647	15,180	93	69	7 192	49,474	155,519	3,143	2,676
44	20	96 599	9 159,344	141 842,519	15,486	15,019	94	70	5 447	35,519	106,045	2,986	2,518
45	21	96 373	8 661,539	132 683,175	15,319	14,851	95	71	4 021	24,851	70,526	2,838	2,371
46	22	96 120	8 188,429	124 021,637	15,146	14,679	96	72	2 888	16,916	45,675	2,700	2,233
47	23	95 833	7 738,386	115 833,208	14,969	14,501	97	73	2 013	11,178	28,759	2,573	2,106
48	24	95 515	7 310,611	108 094,822	14,786	14,319	98	74	1 361	7,164	17,580	2,454	1,987
49	25	95 156	6 903,448	100 784,211	14,599	14,132	99	75	891	4,446	10,417	2,343	1,876
							100	76	564	2,665	5,971	2,240	1,773

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 5,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	6 518,063	93 961,822	14,416	13,948
1							51	26	94 359	6 150,495	87 443,759	14,217	13,750
2							52	27	93 881	5 800,314	81 293,264	14,015	13,548
3							53	28	93 363	5 467,599	75 492,950	13,807	13,340
4							54	29	92 804	5 151,486	70 025,350	13,593	13,126
5							55	30	92 183	4 850,289	64 873,864	13,375	12,908
6							56	31	91 522	4 564,462	60 023,575	13,150	12,683
7							57	32	90 811	4 292,876	55 459,113	12,919	12,452
8							58	33	90 057	4 035,270	51 166,237	12,680	12,213
9							59	34	89 228	3 789,707	47 130,967	12,437	11,969
10							60	35	88 336	3 556,221	43 341,260	12,187	11,720
11							61	36	87 362	3 333,663	39 785,038	11,934	11,467
12							62	37	86 339	3 122,890	36 451,375	11,672	11,205
13							63	38	85 233	2 922,154	33 328,485	11,405	10,938
14							64	39	84 064	2 731,825	30 406,331	11,130	10,663
15							65	40	82 798	2 550,396	27 674,506	10,851	10,384
16							66	41	81 449	2 378,062	25 124,110	10,565	10,098
17							67	42	80 025	2 214,669	22 746,049	10,271	9,803
18							68	43	78 508	2 059,418	20 531,380	9,970	9,502
19							69	44	76 884	1 911,672	18 471,962	9,663	9,196
20							70	45	75 136	1 770,836	16 560,290	9,352	8,884
21							71	46	73 265	1 636,707	14 789,453	9,036	8,569
22							72	47	71 261	1 508,959	13 152,747	8,716	8,249
23							73	48	69 068	1 386,274	11 643,788	8,399	7,932
24							74	49	66 730	1 269,522	10 257,514	8,080	7,613
25	0	98 931	25 943,026	456 737,787	17,605	17,138	75	50	64 187	1 157,478	8 987,991	7,765	7,298
26	1	98 556	24 497,338	430 794,761	17,585	17,118	76	51	61 494	1 051,096	7 830,514	7,450	6,983
27	2	98 468	23 199,447	406 297,422	17,513	17,046	77	52	58 631	949,929	6 779,417	7,137	6,670
28	3	98 390	21 972,536	383 097,976	17,435	16,968	78	53	55 563	853,287	5 829,489	6,832	6,365
29	4	98 314	20 811,157	361 125,440	17,352	16,885	79	54	52 312	761,484	4 976,201	6,535	6,068
30	5	98 239	19 711,162	340 314,282	17,265	16,798	80	55	48 987	675,897	4 214,718	6,236	5,769
31	6	98 165	18 669,465	320 603,120	17,173	16,705	81	56	45 496	595,009	3 538,821	5,948	5,480
32	7	98 085	17 681,641	301 933,655	17,076	16,609	82	57	41 930	519,788	2 943,812	5,663	5,196
33	8	98 003	16 745,938	284 252,014	16,974	16,507	83	58	38 319	450,255	2 424,024	5,384	4,916
34	9	97 926	15 860,414	267 506,076	16,866	16,399	84	59	34 700	386,475	1 973,769	5,107	4,640
35	10	97 841	15 020,468	251 645,662	16,754	16,286	85	60	31 071	328,017	1 587,294	4,839	4,372
36	11	97 748	14 223,942	236 625,194	16,636	16,169	86	61	27 416	274,338	1 259,277	4,590	4,123
37	12	97 651	13 469,040	222 401,252	16,512	16,045	87	62	23 835	226,074	984,939	4,357	3,890
38	13	97 547	12 753,276	208 932,212	16,383	15,915	88	63	20 325	182,731	758,865	4,153	3,686
39	14	97 433	12 074,211	196 178,936	16,248	15,781	89	64	17 144	146,098	576,133	3,943	3,476
40	15	97 306	11 429,900	184 104,725	16,107	15,640	90	65	14 224	114,891	430,036	3,743	3,276
41	16	97 160	10 817,790	172 674,826	15,962	15,495	91	66	11 717	89,707	315,145	3,513	3,046
42	17	97 001	10 236,953	161 857,035	15,811	15,344	92	67	9 364	67,954	225,437	3,318	2,850
43	18	96 827	9 685,925	151 620,083	15,654	15,186	93	68	7 263	49,964	157,484	3,152	2,685
44	19	96 620	9 161,314	141 934,158	15,493	15,026	94	69	5 508	35,913	107,520	2,994	2,527
45	20	96 393	8 663,367	132 772,844	15,326	14,859	95	70	4 070	25,152	71,607	2,847	2,380
46	21	96 141	8 190,199	124 109,478	15,153	14,686	96	71	2 927	17,145	46,455	2,710	2,242
47	22	95 855	7 740,165	115 919,279	14,976	14,509	97	72	2 045	11,354	29,311	2,581	2,114
48	23	95 537	7 312,274	108 179,114	14,794	14,327	98	73	1 385	7,290	17,956	2,463	1,996
49	24	95 178	6 905,018	100 866,840	14,608	14,141	99	74	909	4,533	10,666	2,353	1,886
							100	75	576	2,726	6,133	2,250	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 779 439,966	17,794	17,327	50	50	93 003	5 681,705	75 295,641	13,252	12,785
1	1	99 275	93 877,208	1 679 439,966	17,890	17,422	51	51	92 389	5 337,319	69 613,936	13,043	12,575
2	2	99 212	88 715,944	1 585 562,758	17,872	17,405	52	52	91 717	5 010,368	64 276,617	12,829	12,361
3	3	99 177	83 862,476	1 496 846,814	17,849	17,381	53	53	90 982	4 699,958	59 266,249	12,610	12,142
4	4	99 147	79 279,234	1 412 984,339	17,823	17,355	54	54	90 185	4 405,476	54 566,291	12,386	11,918
5	5	99 121	74 948,757	1 333 705,104	17,795	17,327	55	55	89 321	4 126,050	50 160,815	12,157	11,690
6	6	99 101	70 858,918	1 258 756,347	17,764	17,297	56	56	88 386	3 860,847	46 034,764	11,923	11,456
7	7	99 082	66 993,633	1 187 897,429	17,731	17,264	57	57	87 395	3 609,978	42 173,918	11,683	11,215
8	8	99 064	63 339,535	1 120 903,795	17,697	17,229	58	58	86 341	3 372,529	38 563,939	11,435	10,967
9	9	99 049	59 886,063	1 057 564,260	17,660	17,192	59	59	85 187	3 146,540	35 191,410	11,184	10,717
10	10	99 034	56 621,391	997 678,198	17,620	17,153	60	60	83 967	2 932,814	32 044,869	10,926	10,459
11	11	99 017	53 533,586	941 056,807	17,579	17,111	61	61	82 622	2 728,937	29 112,055	10,668	10,200
12	12	99 000	50 613,834	887 523,221	17,535	17,068	62	62	81 229	2 537,038	26 383,118	10,399	9,932
13	13	98 982	47 853,108	836 909,388	17,489	17,022	63	63	79 727	2 354,727	23 846,080	10,127	9,659
14	14	98 963	45 242,753	789 056,280	17,441	16,973	64	64	78 155	2 182,793	21 491,354	9,846	9,378
15	15	98 935	42 770,394	743 813,526	17,391	16,923	65	65	76 477	2 019,801	19 308,560	9,560	9,092
16	16	98 902	40 431,257	701 043,132	17,339	16,872	66	66	74 702	1 865,650	17 288,759	9,267	8,799
17	17	98 856	38 215,386	660 611,875	17,287	16,819	67	67	72 853	1 720,539	15 423,109	8,964	8,497
18	18	98 805	36 118,800	622 396,489	17,232	16,764	68	68	70 895	1 583,246	13 702,570	8,655	8,187
19	19	98 729	34 128,456	586 277,688	17,179	16,711	69	69	68 821	1 453,360	12 119,324	8,339	7,871
20	20	98 654	32 248,237	552 149,232	17,122	16,654	70	70	66 595	1 329,879	10 665,964	8,020	7,553
21	21	98 574	30 470,139	519 900,995	17,063	16,595	71	71	64 247	1 213,233	9 336,085	7,695	7,228
22	22	98 497	28 790,897	489 430,856	17,000	16,532	72	72	61 752	1 102,714	8 122,853	7,366	6,899
23	23	98 419	27 203,863	460 639,959	16,933	16,465	73	73	59 028	996,754	7 020,138	7,043	6,575
24	24	98 342	25 704,678	433 436,096	16,862	16,395	74	74	56 145	896,524	6 023,385	6,719	6,251
25	25	98 263	24 287,497	407 731,418	16,788	16,320	75	75	53 072	801,385	5 126,861	6,397	5,930
26	26	98 183	22 948,174	383 443,921	16,709	16,242	76	76	49 829	711,497	4 325,475	6,079	5,612
27	27	98 097	21 681,354	360 495,748	16,627	16,159	77	77	46 421	626,797	3 613,978	5,766	5,298
28	28	98 010	20 484,197	338 814,394	16,540	16,073	78	78	42 837	546,950	2 987,182	5,462	4,994
29	29	97 924	19 353,367	318 330,198	16,448	15,981	79	79	39 108	472,191	2 440,232	5,168	4,700
30	30	97 833	18 284,209	298 976,831	16,352	15,884	80	80	35 359	403,714	1 968,041	4,875	4,407
31	31	97 742	17 273,805	280 692,621	16,250	15,782	81	81	31 529	340,405	1 564,327	4,595	4,128
32	32	97 637	16 317,138	263 418,816	16,144	15,676	82	82	27 725	283,058	1 223,922	4,324	3,856
33	33	97 531	15 413,058	247 101,678	16,032	15,564	83	83	23 995	231,659	940,864	4,061	3,594
34	34	97 425	14 559,142	231 688,620	15,914	15,446	84	84	20 410	186,337	709,206	3,806	3,338
35	35	97 306	13 750,804	217 129,478	15,790	15,323	85	85	17 005	146,806	522,869	3,562	3,094
36	36	97 181	12 986,333	203 378,674	15,661	15,193	86	86	13 800	112,659	376,063	3,338	2,870
37	37	97 047	12 263,297	190 392,341	15,525	15,058	87	87	10 900	84,147	263,404	3,130	2,663
38	38	96 900	11 578,943	178 129,044	15,384	14,916	88	88	8 281	60,452	179,257	2,965	2,498
39	39	96 738	10 931,118	166 550,101	15,236	14,769	89	89	6 150	42,452	118,805	2,799	2,331
40	40	96 557	10 317,360	155 618,982	15,083	14,616	90	90	4 421	28,858	76,353	2,646	2,178
41	41	96 357	9 736,122	145 301,622	14,924	14,456	91	91	3 126	19,297	47,495	2,461	1,994
42	42	96 134	9 185,420	135 565,500	14,759	14,291	92	92	2 083	12,158	28,197	2,319	1,852
43	43	95 888	8 663,766	126 380,080	14,587	14,120	93	93	1 322	7,299	16,039	2,198	1,730
44	44	95 602	8 168,300	117 716,314	14,411	13,944	94	94	803	4,192	8,740	2,085	1,617
45	45	95 291	7 699,007	109 548,013	14,229	13,761	95	95	465	2,294	4,548	1,983	1,515
46	46	94 933	7 253,012	101 849,006	14,042	13,575	96	96	256	1,193	2,254	1,890	1,422
47	47	94 524	6 829,141	94 595,994	13,852	13,384	97	97	133	0,588	1,061	1,805	1,338
48	48	94 068	6 426,668	87 766,854	13,657	13,189	98	98	66	0,274	0,473	1,729	1,261
49	49	93 563	6 044,545	81 340,186	13,457	12,989	99	99	30	0,120	0,200	1,659	1,191
							100	100	13	0,050	0,079	1,596	1,128

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 778 139,803	17,838	17,371	50	51	92 786	5 668,430	74 682,114	13,175	12,708
1	2	99 247	93 850,515	1 678 459,764	17,884	17,417	51	52	92 159	5 324,025	69 013,684	12,963	12,495
2	3	99 196	88 701,642	1 584 609,249	17,864	17,397	52	53	91 463	4 996,485	63 689,659	12,747	12,279
3	4	99 162	83 850,451	1 495 907,608	17,840	17,373	53	54	90 705	4 685,674	58 693,174	12,526	12,059
4	5	99 135	79 269,733	1 412 057,157	17,813	17,346	54	55	89 897	4 391,439	54 007,500	12,298	11,831
5	6	99 112	74 941,977	1 332 787,424	17,784	17,317	55	56	89 000	4 111,207	49 616,061	12,068	11,601
6	7	99 093	70 853,237	1 257 845,446	17,753	17,285	56	57	88 051	3 846,203	45 504,854	11,831	11,364
7	8	99 074	66 988,037	1 186 992,209	17,719	17,252	57	58	87 034	3 595,083	41 658,651	11,588	11,120
8	9	99 058	63 335,601	1 120 004,173	17,684	17,216	58	59	85 947	3 357,152	38 063,568	11,338	10,870
9	10	99 042	59 882,261	1 056 668,572	17,646	17,178	59	60	84 780	3 131,505	34 706,416	11,083	10,615
10	11	99 026	56 616,829	996 786,311	17,606	17,138	60	61	83 508	2 916,778	31 574,911	10,825	10,358
11	12	99 009	53 529,334	940 169,482	17,564	17,096	61	62	82 152	2 713,422	28 658,133	10,562	10,094
12	13	98 992	50 609,954	886 640,148	17,519	17,052	62	63	80 719	2 521,118	25 944,711	10,291	9,823
13	14	98 972	47 848,401	836 030,194	17,472	17,005	63	64	79 195	2 339,024	23 423,593	10,014	9,547
14	15	98 951	45 237,152	788 181,793	17,423	16,956	64	65	77 593	2 167,086	21 084,569	9,729	9,262
15	16	98 921	42 764,596	742 944,641	17,373	16,905	65	66	75 885	2 004,163	18 917,483	9,439	8,972
16	17	98 886	40 424,758	700 180,044	17,321	16,853	66	67	74 088	1 850,315	16 913,320	9,141	8,673
17	18	98 839	38 208,678	659 755,287	17,267	16,800	67	68	72 196	1 705,020	15 063,005	8,835	8,367
18	19	98 784	36 110,911	621 546,609	17,212	16,745	68	69	70 200	1 567,738	13 357,984	8,521	8,053
19	20	98 708	34 121,117	585 435,698	17,158	16,690	69	70	68 066	1 437,420	11 790,247	8,202	7,735
20	21	98 633	32 241,433	551 314,582	17,100	16,632	70	71	65 799	1 313,989	10 352,827	7,879	7,411
21	22	98 553	30 463,553	519 073,149	17,039	16,572	71	72	63 389	1 197,045	9 038,837	7,551	7,083
22	23	98 474	28 784,281	488 609,596	16,975	16,507	72	73	60 796	1 085,650	7 841,793	7,223	6,756
23	24	98 397	27 197,676	459 825,315	16,907	16,439	73	74	58 004	979,474	6 756,143	6,898	6,430
24	25	98 320	25 698,834	432 627,639	16,835	16,367	74	75	55 060	879,200	5 776,669	6,570	6,103
25	26	98 242	24 282,085	406 928,806	16,758	16,291	75	76	51 890	783,529	4 897,469	6,251	5,783
26	27	98 157	22 942,043	382 646,721	16,679	16,211	76	77	48 566	693,462	4 113,940	5,932	5,465
27	28	98 072	21 675,757	359 704,678	16,595	16,127	77	78	45 077	608,648	3 420,477	5,620	5,152
28	29	97 984	20 478,876	338 028,921	16,506	16,039	78	79	41 412	528,759	2 811,829	5,318	4,850
29	30	97 896	19 347,999	317 550,045	16,413	15,945	79	80	37 640	454,460	2 283,070	5,024	4,556
30	31	97 807	18 279,192	298 202,046	16,314	15,846	80	81	33 826	386,203	1 828,610	4,735	4,267
31	32	97 710	17 268,173	279 922,855	16,210	15,743	81	82	29 968	323,557	1 442,407	4,458	3,990
32	33	97 604	16 311,487	262 654,681	16,102	15,635	82	83	26 148	266,961	1 118,850	4,191	3,723
33	34	97 495	15 407,482	246 343,195	15,989	15,521	83	84	22 436	216,610	851,889	3,933	3,465
34	35	97 385	14 553,233	230 935,712	15,868	15,401	84	85	18 900	172,551	635,279	3,682	3,214
35	36	97 265	13 744,944	216 382,479	15,743	15,275	85	86	15 555	134,284	462,729	3,446	2,978
36	37	97 135	12 980,277	202 637,535	15,611	15,144	86	87	12 466	101,771	328,445	3,227	2,760
37	38	96 996	12 256,838	189 657,258	15,474	15,006	87	88	9 650	74,498	226,674	3,043	2,575
38	39	96 843	11 572,117	177 400,420	15,330	14,862	88	89	7 242	52,868	152,176	2,878	2,411
39	40	96 670	10 923,431	165 828,303	15,181	14,713	89	90	5 290	36,519	99,308	2,719	2,252
40	41	96 488	10 310,006	154 904,872	15,025	14,557	90	91	3 766	24,581	62,789	2,554	2,087
41	42	96 277	9 728,032	144 594,866	14,864	14,396	91	92	2 585	15,956	38,207	2,395	1,927
42	43	96 043	9 176,731	134 866,835	14,697	14,229	92	93	1 689	9,860	22,251	2,257	1,789
43	44	95 786	8 654,621	125 690,103	14,523	14,055	93	94	1 049	5,789	12,391	2,141	1,673
44	45	95 494	8 159,063	117 035,482	14,344	13,877	94	95	622	3,247	6,602	2,033	1,566
45	46	95 162	7 688,594	108 876,419	14,161	13,693	95	96	351	1,733	3,355	1,936	1,468
46	47	94 785	7 241,763	101 187,825	13,973	13,505	96	97	188	0,878	1,622	1,847	1,379
47	48	94 360	6 817,289	93 946,062	13,781	13,313	97	98	95	0,421	0,744	1,767	1,299
48	49	93 894	6 414,760	87 128,773	13,583	13,115	98	99	46	0,191	0,323	1,693	1,226
49	50	93 367	6 031,899	80 714,013	13,381	12,914	99	100	21	0,081	0,132	1,627	1,159

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 777 075,515	17,833	17,365	50	52	92 555	5 654,311	74 020,152	13,091	12,623
1	3	99 231	93 835,385	1 677 423,819	17,876	17,409	51	53	91 904	5 309,273	68 365,841	12,877	12,409
2	4	99 181	88 688,923	1 583 588,434	17,856	17,388	52	54	91 185	4 981,300	63 056,568	12,659	12,191
3	5	99 150	83 840,402	1 494 899,511	17,830	17,363	53	55	90 416	4 670,745	58 075,268	12,434	11,966
4	6	99 126	79 262,562	1 411 059,110	17,802	17,335	54	56	89 574	4 375,641	53 404,524	12,205	11,737
5	7	99 104	74 935,969	1 331 796,547	17,772	17,305	55	57	88 662	4 095,613	49 028,883	11,971	11,503
6	8	99 084	70 847,318	1 256 860,578	17,740	17,273	56	58	87 687	3 830,333	44 933,269	11,731	11,263
7	9	99 068	66 983,876	1 186 013,261	17,706	17,238	57	59	86 637	3 578,690	41 102,936	11,485	11,018
8	10	99 052	63 331,580	1 119 029,385	17,669	17,202	58	60	85 537	3 341,110	37 524,246	11,231	10,763
9	11	99 035	59 877,437	1 055 697,805	17,631	17,163	59	61	84 317	3 114,382	34 183,136	10,976	10,508
10	12	99 018	56 612,333	995 820,368	17,590	17,123	60	62	83 033	2 900,195	31 068,753	10,713	10,245
11	13	99 002	53 525,231	939 208,035	17,547	17,079	61	63	81 637	2 696,396	28 168,559	10,447	9,979
12	14	98 982	50 604,975	885 682,805	17,502	17,034	62	64	80 181	2 504,306	25 472,163	10,171	9,704
13	15	98 960	47 842,477	835 077,829	17,455	16,987	63	65	78 625	2 322,193	22 967,857	9,891	9,423
14	16	98 938	45 231,020	787 235,352	17,405	16,937	64	66	76 992	2 150,308	20 645,665	9,601	9,134
15	17	98 905	42 757,721	742 004,332	17,354	16,886	65	67	75 262	1 987,689	18 495,357	9,305	8,837
16	18	98 868	40 417,661	699 246,611	17,301	16,833	66	68	73 420	1 833,626	16 507,667	9,003	8,535
17	19	98 817	38 200,331	658 828,949	17,247	16,779	67	69	71 489	1 688,319	14 674,041	8,692	8,224
18	20	98 762	36 103,145	620 628,618	17,190	16,723	68	70	69 430	1 550,543	12 985,722	8,375	7,907
19	21	98 687	34 113,918	584 525,473	17,135	16,667	69	71	67 253	1 420,245	11 435,179	8,052	7,584
20	22	98 612	32 234,464	550 411,555	17,075	16,608	70	72	64 921	1 296,457	10 014,933	7,725	7,257
21	23	98 530	30 456,552	518 177,091	17,014	16,546	71	73	62 408	1 178,520	8 718,477	7,398	6,930
22	24	98 452	28 777,734	487 720,539	16,948	16,480	72	74	59 742	1 066,830	7 539,957	7,068	6,600
23	25	98 374	27 191,492	458 942,805	16,878	16,411	73	75	56 883	960,547	6 473,127	6,739	6,271
24	26	98 298	25 693,107	431 751,312	16,804	16,337	74	76	53 833	859,610	5 512,580	6,413	5,945
25	27	98 215	24 275,597	406 058,206	16,727	16,259	75	77	50 575	763,669	4 652,970	6,093	5,625
26	28	98 132	22 936,121	381 782,608	16,645	16,178	76	78	47 160	673,384	3 889,301	5,776	5,308
27	29	98 046	21 670,127	358 846,488	16,560	16,092	77	79	43 578	588,406	3 215,918	5,465	4,998
28	30	97 957	20 473,196	337 176,361	16,469	16,002	78	80	39 857	508,904	2 627,512	5,163	4,696
29	31	97 870	19 342,689	316 703,164	16,373	15,906	79	81	36 007	434,748	2 118,608	4,873	4,406
30	32	97 775	18 273,232	297 360,475	16,273	15,805	80	82	32 151	367,088	1 683,859	4,587	4,119
31	33	97 676	17 262,193	279 087,243	16,168	15,700	81	83	28 264	305,157	1 316,772	4,315	3,847
32	34	97 568	16 305,585	261 825,051	16,057	15,590	82	84	24 449	249,619	1 011,615	4,053	3,585
33	35	97 456	15 401,229	245 519,465	15,942	15,474	83	85	20 776	200,584	761,996	3,799	3,331
34	36	97 344	14 547,032	230 118,236	15,819	15,351	84	86	17 288	157,833	561,412	3,557	3,089
35	37	97 220	13 738,534	215 571,204	15,691	15,223	85	87	14 051	121,306	403,579	3,327	2,859
36	38	97 084	12 973,441	201 832,670	15,557	15,090	86	88	11 037	90,102	282,273	3,133	2,665
37	39	96 938	12 249,612	188 859,229	15,418	14,950	87	89	8 440	65,152	192,172	2,950	2,482
38	40	96 775	11 563,978	176 609,618	15,272	14,805	88	90	6 230	45,479	127,020	2,793	2,325
39	41	96 602	10 915,645	165 045,639	15,120	14,653	89	91	4 506	31,107	81,541	2,621	2,154
40	42	96 408	10 301,438	154 129,995	14,962	14,494	90	92	3 114	20,325	50,435	2,481	2,014
41	43	96 185	9 718,830	143 828,556	14,799	14,331	91	93	2 096	12,941	30,109	2,327	1,859
42	44	95 941	9 167,045	134 109,726	14,630	14,162	92	94	1 340	7,821	17,169	2,195	1,728
43	45	95 678	8 644,834	124 942,682	14,453	13,985	93	95	812	4,484	9,348	2,085	1,617
44	46	95 365	8 148,028	116 297,847	14,273	13,806	94	96	470	2,453	4,864	1,983	1,515
45	47	95 014	7 676,669	108 149,820	14,088	13,621	95	97	258	1,276	2,411	1,890	1,422
46	48	94 621	7 229,196	100 473,150	13,898	13,431	96	98	135	0,629	1,135	1,805	1,338
47	49	94 185	6 804,657	93 243,954	13,703	13,235	97	99	66	0,293	0,506	1,729	1,261
48	50	93 698	6 401,339	86 439,297	13,503	13,036	98	100	31	0,129	0,213	1,659	1,192
49	51	93 149	6 017,806	80 037,958	13,300	12,833							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 775 951,111	17,824	17,357	50	53	92 298	5 638,644	73 306,683	13,001	12,533
1	4	99 217	93 821,930	1 676 315,481	17,867	17,399	51	54	91 625	5 293,137	67 668,040	12,784	12,317
2	5	99 169	88 678,294	1 582 493,550	17,845	17,378	52	55	90 894	4 965,429	62 374,903	12,562	12,094
3	6	99 141	83 832,818	1 493 815,256	17,819	17,351	53	56	90 091	4 653,942	57 409,474	12,336	11,868
4	7	99 119	79 256,207	1 409 982,439	17,790	17,323	54	57	89 234	4 359,045	52 755,532	12,103	11,635
5	8	99 096	74 929,708	1 330 726,232	17,760	17,292	55	58	88 297	4 078,714	48 396,488	11,866	11,398
6	9	99 078	70 842,917	1 255 796,523	17,726	17,259	56	59	87 288	3 812,868	44 317,774	11,623	11,156
7	10	99 062	66 979,623	1 184 953,606	17,691	17,224	57	60	86 223	3 561,590	40 504,906	11,373	10,905
8	11	99 044	63 326,478	1 117 973,983	17,654	17,187	58	61	85 069	3 322,842	36 943,316	11,118	10,650
9	12	99 027	59 872,681	1 054 647,505	17,615	17,147	59	62	83 837	3 096,676	33 620,475	10,857	10,389
10	13	99 011	56 607,993	994 774,823	17,573	17,105	60	63	82 512	2 881,997	30 523,799	10,591	10,124
11	14	98 992	53 519,965	938 166,830	17,529	17,062	61	64	81 093	2 678,414	27 641,802	10,320	9,853
12	15	98 970	50 598,711	884 646,865	17,484	17,016	62	65	79 604	2 486,285	24 963,388	10,040	9,573
13	16	98 946	47 835,992	834 048,154	17,436	16,968	63	66	78 016	2 304,213	22 477,103	9,755	9,287
14	17	98 922	45 223,749	786 212,162	17,385	16,917	64	67	76 359	2 132,633	20 172,889	9,459	8,992
15	18	98 888	42 750,216	740 988,414	17,333	16,865	65	68	74 583	1 969,761	18 040,257	9,159	8,691
16	19	98 847	40 408,833	698 238,198	17,279	16,812	66	69	72 701	1 815,665	16 070,496	8,851	8,383
17	20	98 796	38 192,116	657 829,365	17,224	16,757	67	70	70 705	1 669,802	14 254,830	8,537	8,069
18	21	98 742	36 095,528	619 637,249	17,167	16,699	68	71	68 601	1 532,017	12 585,028	8,215	7,747
19	22	98 665	34 106,544	583 541,721	17,109	16,642	69	72	66 355	1 401,295	11 053,011	7,888	7,420
20	23	98 589	32 227,056	549 435,177	17,049	16,581	70	73	63 916	1 276,394	9 651,716	7,562	7,094
21	24	98 508	30 449,625	517 208,121	16,986	16,518	71	74	61 327	1 158,090	8 375,322	7,232	6,764
22	25	98 430	28 771,191	486 758,496	16,918	16,451	72	75	58 588	1 046,214	7 217,232	6,898	6,431
23	26	98 352	27 185,433	457 987,305	16,847	16,379	73	76	55 616	939,145	6 171,018	6,571	6,103
24	27	98 272	25 686,243	430 801,872	16,772	16,304	74	77	52 469	837,821	5 231,873	6,245	5,777
25	28	98 190	24 269,331	405 115,629	16,692	16,225	75	78	49 110	741,557	4 394,052	5,925	5,458
26	29	98 106	22 930,163	380 846,298	16,609	16,141	76	79	45 591	650,988	3 652,495	5,611	5,143
27	30	98 019	21 664,117	357 916,135	16,521	16,054	77	80	41 941	566,311	3 001,507	5,300	4,833
28	31	97 930	20 467,577	336 252,018	16,429	15,961	78	81	38 128	486,831	2 435,196	5,002	4,535
29	32	97 838	19 336,383	315 784,441	16,331	15,864	79	82	34 225	413,230	1 948,365	4,715	4,247
30	33	97 741	18 266,903	296 448,058	16,229	15,761	80	83	30 323	346,212	1 535,134	4,434	3,967
31	34	97 641	17 255,947	278 181,154	16,121	15,653	81	84	26 428	285,334	1 188,922	4,167	3,699
32	35	97 529	16 298,968	260 925,207	16,009	15,541	82	85	22 641	231,151	903,588	3,909	3,442
33	36	97 414	15 394,666	244 626,239	15,890	15,423	83	86	19 004	183,475	672,437	3,665	3,197
34	37	97 298	14 540,248	229 231,573	15,765	15,298	84	87	15 617	142,578	488,962	3,429	2,962
35	38	97 168	13 731,298	214 691,325	15,635	15,168	85	88	12 440	107,397	346,383	3,225	2,758
36	39	97 027	12 965,792	200 960,027	15,499	15,032	86	89	9 652	78,797	238,987	3,033	2,565
37	40	96 870	12 240,997	187 994,235	15,358	14,890	87	90	7 260	56,046	160,190	2,858	2,391
38	41	96 706	11 555,736	175 753,238	15,209	14,742	88	91	5 307	38,739	104,144	2,688	2,221
39	42	96 521	10 906,574	164 197,502	15,055	14,587	89	92	3 726	25,721	65,405	2,543	2,075
40	43	96 317	10 291,694	153 290,928	14,895	14,427	90	93	2 525	16,484	39,684	2,407	1,940
41	44	96 084	9 708,571	142 999,234	14,729	14,262	91	94	1 663	10,263	23,200	2,260	1,793
42	45	95 833	9 156,678	133 290,663	14,557	14,089	92	95	1 038	6,058	12,937	2,136	1,668
43	46	95 549	8 633,142	124 133,985	14,379	13,911	93	96	614	3,388	6,879	2,030	1,563
44	47	95 217	8 135,391	115 500,843	14,197	13,730	94	97	346	1,806	3,491	1,933	1,466
45	48	94 850	7 663,347	107 365,452	14,010	13,543	95	98	185	0,913	1,685	1,845	1,378
46	49	94 446	7 215,800	99 702,105	13,817	13,350	96	99	94	0,437	0,772	1,765	1,297
47	50	93 988	6 790,421	92 486,305	13,620	13,153	97	100	45	0,198	0,335	1,692	1,225
48	51	93 479	6 386,383	85 695,883	13,419	12,951							
49	52	92 917	6 002,817	79 309,500	13,212	12,744							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 774 749,038	17,815	17,347	50	54	92 018	5 621,507	72 539,305	12,904	12,436
1	5	99 205	93 810,686	1 675 127,693	17,856	17,389	51	55	91 333	5 276,272	66 917,798	12,683	12,215
2	6	99 161	88 670,272	1 581 317,007	17,834	17,366	52	56	90 567	4 947,565	61 641,526	12,459	11,991
3	7	99 133	83 826,096	1 492 646,735	17,806	17,339	53	57	89 749	4 636,290	56 693,961	12,228	11,761
4	8	99 110	79 249,586	1 408 820,639	17,777	17,309	54	58	88 866	4 341,058	52 057,671	11,992	11,524
5	9	99 090	74 925,054	1 329 571,053	17,745	17,278	55	59	87 894	4 060,116	47 716,613	11,753	11,285
6	10	99 072	70 838,420	1 254 645,999	17,711	17,244	56	60	86 871	3 794,648	43 656,497	11,505	11,037
7	11	99 054	66 974,228	1 183 807,579	17,676	17,208	57	61	85 752	3 542,116	39 861,848	11,254	10,786
8	12	99 036	63 321,448	1 116 833,351	17,638	17,170	58	62	84 585	3 303,950	36 319,732	10,993	10,525
9	13	99 019	59 868,092	1 053 511,903	17,597	17,130	59	63	83 311	3 077,245	33 015,783	10,729	10,261
10	14	99 001	56 602,424	993 643,811	17,555	17,087	60	64	81 962	2 862,778	29 938,538	10,458	9,990
11	15	98 980	53 513,340	937 041,387	17,510	17,043	61	65	80 509	2 659,141	27 075,761	10,182	9,715
12	16	98 957	50 591,852	883 528,047	17,464	16,996	62	66	78 988	2 467,035	24 416,620	9,897	9,430
13	17	98 930	47 828,302	832 936,195	17,415	16,948	63	67	77 375	2 285,273	21 949,584	9,605	9,137
14	18	98 904	45 215,810	785 107,894	17,364	16,896	64	68	75 670	2 113,397	19 664,311	9,305	8,837
15	19	98 866	42 740,878	739 892,083	17,311	16,844	65	69	73 852	1 950,467	17 550,914	8,998	8,531
16	20	98 825	40 400,143	697 151,206	17,256	16,789	66	70	71 904	1 795,752	15 600,447	8,687	8,220
17	21	98 775	38 184,058	656 751,063	17,200	16,732	67	71	69 860	1 649,851	13 804,695	8,367	7,900
18	22	98 720	36 087,726	618 567,005	17,141	16,673	68	72	67 685	1 511,575	12 154,844	8,041	7,574
19	23	98 643	34 098,707	582 479,280	17,082	16,615	69	73	65 328	1 379,610	10 643,268	7,715	7,247
20	24	98 567	32 219,726	548 380,573	17,020	16,552	70	74	62 808	1 254,267	9 263,659	7,386	6,918
21	25	98 485	30 442,702	516 160,847	16,955	16,488	71	75	60 142	1 135,711	8 009,392	7,052	6,585
22	26	98 408	28 764,780	485 718,145	16,886	16,418	72	76	57 282	1 022,903	6 873,681	6,720	6,252
23	27	98 326	27 178,170	456 953,365	16,813	16,346	73	77	54 206	915,340	5 850,777	6,392	5,924
24	28	98 247	25 679,612	429 775,195	16,736	16,268	74	78	50 949	813,562	4 935,438	6,066	5,599
25	29	98 164	24 263,028	404 095,583	16,655	16,187	75	79	47 477	716,894	4 121,875	5,750	5,282
26	30	98 079	22 923,803	379 832,555	16,569	16,102	76	80	43 879	626,543	3 404,981	5,435	4,967
27	31	97 992	21 658,171	356 908,752	16,479	16,012	77	81	40 122	541,748	2 778,438	5,129	4,661
28	32	97 898	20 460,904	335 250,580	16,385	15,917	78	82	36 241	462,735	2 236,690	4,834	4,366
29	33	97 804	19 329,686	314 789,676	16,285	15,818	79	83	32 279	389,731	1 773,954	4,552	4,084
30	34	97 706	18 260,294	295 459,990	16,180	15,713	80	84	28 353	323,723	1 384,224	4,276	3,808
31	35	97 601	17 248,944	277 199,696	16,071	15,603	81	85	24 473	264,223	1 060,501	4,014	3,546
32	36	97 487	16 292,022	259 950,751	15,956	15,488	82	86	20 709	211,435	796,278	3,766	3,298
33	37	97 369	15 387,487	243 658,729	15,835	15,367	83	87	17 167	165,743	584,843	3,529	3,061
34	38	97 247	14 532,590	228 271,241	15,708	15,240	84	88	13 827	126,230	419,100	3,320	2,853
35	39	97 111	13 723,203	213 738,652	15,575	15,107	85	89	10 879	93,922	292,870	3,118	2,651
36	40	96 959	12 956,674	200 015,449	15,437	14,970	86	90	8 303	67,784	198,948	2,935	2,467
37	41	96 801	12 232,272	187 058,776	15,292	14,825	87	91	6 184	47,740	131,164	2,747	2,280
38	42	96 625	11 546,133	174 826,504	15,142	14,674	88	92	4 388	32,031	83,424	2,604	2,137
39	43	96 430	10 896,257	163 280,371	14,985	14,517	89	93	3 022	20,860	51,393	2,464	1,996
40	44	96 215	10 280,830	152 384,114	14,822	14,355	90	94	2 003	13,074	30,533	2,335	1,868
41	45	95 975	9 697,592	142 103,283	14,653	14,186	91	95	1 288	7,950	17,459	2,196	1,728
42	46	95 703	9 144,293	132 405,691	14,480	14,012	92	96	784	4,577	9,509	2,077	1,610
43	47	95 401	8 619,752	123 261,397	14,300	13,832	93	97	452	2,494	4,932	1,978	1,510
44	48	95 052	8 121,273	114 641,645	14,116	13,649	94	98	248	1,293	2,438	1,886	1,418
45	49	94 674	7 649,147	106 520,373	13,926	13,458	95	99	129	0,635	1,145	1,802	1,334
46	50	94 248	7 200,704	98 871,225	13,731	13,263	96	100	63	0,295	0,510	1,726	1,258
47	51	93 769	6 774,556	91 670,521	13,532	13,064							
48	52	93 246	6 370,476	84 895,965	13,326	12,859							
49	53	92 659	5 986,184	78 525,489	13,118	12,650							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 773 461,937	17,804	17,337	50	55	91 725	5 603,596	71 715,499	12,798	12,331
1	6	99 196	93 802,200	1 673 852,531	17,844	17,377	51	56	91 004	5 257,291	66 111,903	12,575	12,108
2	7	99 153	88 663,163	1 580 050,331	17,821	17,353	52	57	90 224	4 928,800	60 854,612	12,347	11,879
3	8	99 125	83 819,093	1 491 387,169	17,793	17,325	53	58	89 379	4 617,159	55 925,812	12,113	11,645
4	9	99 104	79 244,664	1 407 568,076	17,762	17,295	54	59	88 461	4 321,264	51 308,653	11,874	11,406
5	10	99 084	74 920,298	1 328 323,412	17,730	17,262	55	60	87 474	4 040,716	46 987,389	11,628	11,161
6	11	99 064	70 832,713	1 253 403,115	17,695	17,228	56	61	86 396	3 773,900	42 946,673	11,380	10,912
7	12	99 046	66 968,908	1 182 570,401	17,658	17,191	57	62	85 264	3 521,977	39 172,774	11,122	10,655
8	13	99 029	63 316,595	1 115 601,493	17,619	17,152	58	63	84 055	3 283,218	35 650,796	10,858	10,391
9	14	99 009	59 862,203	1 052 284,898	17,578	17,111	59	64	82 756	3 056,724	32 367,578	10,589	10,121
10	15	98 989	56 595,417	992 422,696	17,535	17,068	60	65	81 372	2 842,178	29 310,855	10,313	9,845
11	16	98 966	53 506,085	935 827,278	17,490	17,023	61	66	79 886	2 638,553	26 468,677	10,032	9,564
12	17	98 941	50 583,718	882 321,193	17,443	16,975	62	67	78 338	2 446,757	23 830,124	9,739	9,272
13	18	98 913	47 819,906	831 737,475	17,393	16,926	63	68	76 677	2 264,661	21 383,367	9,442	8,975
14	19	98 883	45 205,933	783 917,569	17,341	16,873	64	69	74 929	2 092,696	19 118,706	9,136	8,668
15	20	98 845	42 731,686	738 711,635	17,287	16,820	65	70	73 042	1 929,075	17 026,010	8,826	8,358
16	21	98 805	40 391,619	695 979,950	17,231	16,763	66	71	71 045	1 774,296	15 096,935	8,509	8,041
17	22	98 754	38 175,805	655 588,331	17,173	16,705	67	72	68 928	1 627,837	13 322,640	8,184	7,717
18	23	98 698	36 079,433	617 412,526	17,113	16,645	68	73	66 638	1 488,184	11 694,802	7,858	7,391
19	24	98 620	34 090,951	581 333,093	17,052	16,585	69	74	64 196	1 355,694	10 206,619	7,529	7,061
20	25	98 544	32 212,401	547 242,143	16,989	16,521	70	75	61 594	1 230,029	8 850,925	7,196	6,728
21	26	98 463	30 435,918	515 029,742	16,922	16,454	71	76	58 802	1 110,406	7 620,896	6,863	6,396
22	27	98 381	28 757,095	484 593,823	16,851	16,384	72	77	55 830	996,975	6 510,489	6,530	6,063
23	28	98 301	27 171,154	455 836,728	16,776	16,309	73	78	52 637	888,837	5 513,515	6,203	5,735
24	29	98 221	25 672,942	428 665,574	16,697	16,230	74	79	49 255	786,505	4 624,678	5,880	5,412
25	30	98 137	24 256,298	402 992,632	16,614	16,146	75	80	45 694	689,975	3 838,173	5,563	5,095
26	31	98 052	22 917,512	378 736,334	16,526	16,058	76	81	41 976	599,368	3 148,198	5,253	4,785
27	32	97 960	21 651,110	355 818,821	16,434	15,967	77	82	38 136	514,934	2 548,830	4,950	4,482
28	33	97 864	20 453,818	334 167,711	16,338	15,870	78	83	34 180	436,421	2 033,897	4,660	4,193
29	34	97 768	19 322,693	313 713,893	16,236	15,768	79	84	30 182	364,414	1 597,476	4,384	3,916
30	35	97 666	18 252,884	294 391,201	16,128	15,661	80	85	26 256	299,772	1 233,062	4,113	3,646
31	36	97 559	17 241,594	276 138,317	16,016	15,548	81	86	22 385	241,686	933,290	3,862	3,394
32	37	97 442	16 284,425	258 896,723	15,898	15,431	82	87	18 708	191,000	691,604	3,621	3,153
33	38	97 318	15 379,383	242 612,298	15,775	15,308	83	88	15 199	146,738	500,604	3,412	2,944
34	39	97 190	14 524,022	227 232,915	15,645	15,178	84	89	12 092	110,393	353,866	3,206	2,738
35	40	97 043	13 713,552	212 708,893	15,511	15,043	85	90	9 359	80,795	243,473	3,013	2,546
36	41	96 890	12 947,438	198 995,342	15,369	14,902	86	91	7 073	57,739	162,678	2,817	2,350
37	42	96 721	12 222,107	186 047,904	15,222	14,755	87	92	5 113	39,474	104,939	2,658	2,191
38	43	96 534	11 535,211	173 825,797	15,069	14,602	88	93	3 559	25,978	65,465	2,520	2,052
39	44	96 328	10 884,755	162 290,586	14,910	14,442	89	94	2 397	16,544	39,487	2,387	1,919
40	45	96 106	10 269,205	151 405,830	14,744	14,276	90	95	1 551	10,127	22,943	2,265	1,798
41	46	95 845	9 684,476	141 136,625	14,573	14,106	91	96	973	6,007	12,816	2,134	1,666
42	47	95 555	9 130,111	131 452,150	14,398	13,930	92	97	577	3,369	6,809	2,021	1,554
43	48	95 235	8 604,794	122 322,038	14,216	13,748	93	98	323	1,785	3,440	1,927	1,459
44	49	94 876	8 106,224	113 717,245	14,028	13,561	94	99	172	0,900	1,655	1,839	1,372
45	50	94 476	7 633,145	105 611,021	13,836	13,368	95	100	87	0,429	0,755	1,760	1,292
46	51	94 028	7 183,880	97 977,876	13,639	13,171							
47	52	93 535	6 757,682	90 793,996	13,436	12,968							
48	53	92 988	6 352,824	84 036,314	13,228	12,761							
49	54	92 378	5 967,991	77 683,490	13,017	12,549							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 772 081,547	17,792	17,324	50	56	91 395	5 583,437	70 831,985	12,686	12,219
1	7	99 188	93 794,679	1 672 481,153	17,831	17,364	51	57	90 659	5 237,350	65 248,548	12,458	11,991
2	8	99 144	88 655,755	1 578 686,474	17,807	17,339	52	58	89 851	4 908,462	60 011,197	12,226	11,758
3	9	99 119	83 813,887	1 490 030,718	17,778	17,310	53	59	88 971	4 596,106	55 102,735	11,989	11,521
4	10	99 098	79 239,633	1 406 216,832	17,746	17,279	54	60	88 038	4 300,616	50 506,629	11,744	11,276
5	11	99 076	74 914,262	1 326 977,199	17,713	17,246	55	61	86 996	4 018,622	46 206,013	11,498	11,030
6	12	99 056	70 827,088	1 252 062,937	17,678	17,210	56	62	85 904	3 752,443	42 187,391	11,243	10,775
7	13	99 038	66 963,775	1 181 235,849	17,640	17,172	57	63	84 729	3 499,878	38 434,948	10,982	10,514
8	14	99 019	63 310,366	1 114 272,074	17,600	17,133	58	64	83 494	3 261,323	34 935,070	10,712	10,244
9	15	98 997	59 854,792	1 050 961,708	17,559	17,091	59	65	82 160	3 034,728	31 673,747	10,437	9,970
10	16	98 975	56 587,745	991 106,916	17,515	17,047	60	66	80 742	2 820,172	28 639,019	10,155	9,687
11	17	98 950	53 497,484	934 519,171	17,468	17,001	61	67	79 229	2 616,865	25 818,847	9,866	9,399
12	18	98 923	50 574,839	881 021,687	17,420	16,953	62	68	77 632	2 424,688	23 201,982	9,569	9,101
13	19	98 891	47 809,460	830 446,848	17,370	16,902	63	69	75 926	2 242,478	20 777,294	9,265	8,798
14	20	98 862	45 196,212	782 637,388	17,316	16,849	64	70	74 107	2 069,744	18 534,816	8,955	8,488
15	21	98 824	42 722,670	737 441,176	17,261	16,794	65	71	72 169	1 906,026	16 465,071	8,638	8,171
16	22	98 783	40 382,888	694 718,506	17,203	16,736	66	72	70 097	1 750,621	14 559,046	8,317	7,849
17	23	98 731	38 167,032	654 335,618	17,144	16,676	67	73	67 861	1 602,646	12 808,424	7,992	7,524
18	24	98 675	36 071,226	616 168,586	17,082	16,614	68	74	65 483	1 462,385	11 205,778	7,663	7,195
19	25	98 598	34 083,200	580 097,360	17,020	16,552	69	75	62 955	1 329,496	9 743,393	7,329	6,861
20	26	98 522	32 205,223	546 014,160	16,954	16,487	70	76	60 222	1 202,623	8 413,897	6,996	6,529
21	27	98 437	30 427,787	513 808,937	16,886	16,419	71	77	57 311	1 082,260	7 211,274	6,663	6,196
22	28	98 356	28 749,672	483 381,150	16,813	16,346	72	78	54 214	968,108	6 129,014	6,331	5,863
23	29	98 275	27 164,097	454 631,478	16,736	16,269	73	79	50 886	859,276	5 160,906	6,006	5,539
24	30	98 194	25 665,822	427 467,381	16,655	16,188	74	80	47 405	756,971	4 301,630	5,683	5,215
25	31	98 110	24 249,641	401 801,559	16,569	16,102	75	81	43 712	660,048	3 544,659	5,370	4,903
26	32	98 020	22 910,041	377 551,918	16,480	16,012	76	82	39 898	569,702	2 884,610	5,063	4,596
27	33	97 926	21 643,611	354 641,878	16,386	15,918	77	83	35 968	485,651	2 314,909	4,767	4,299
28	34	97 829	20 446,418	332 998,266	16,286	15,819	78	84	31 960	408,071	1 829,258	4,483	4,015
29	35	97 729	19 314,851	312 551,848	16,182	15,714	79	85	27 949	337,453	1 421,187	4,212	3,744
30	36	97 624	18 245,105	293 236,997	16,072	15,605	80	86	24 016	274,203	1 083,734	3,952	3,485
31	37	97 514	17 233,554	274 991,892	15,957	15,489	81	87	20 222	218,328	809,532	3,708	3,240
32	38	97 390	16 275,848	257 758,338	15,837	15,369	82	88	16 563	169,100	591,204	3,496	3,029
33	39	97 260	15 370,316	241 482,490	15,711	15,243	83	89	13 292	128,328	422,105	3,289	2,822
34	40	97 121	14 513,808	226 112,174	15,579	15,112	84	90	10 402	94,964	293,776	3,094	2,626
35	41	96 974	13 703,777	211 598,367	15,441	14,973	85	91	7 972	68,821	198,813	2,889	2,421
36	42	96 809	12 936,679	197 894,590	15,297	14,830	86	92	5 848	47,741	129,991	2,723	2,255
37	43	96 629	12 210,546	184 957,911	15,147	14,680	87	93	4 147	32,014	82,250	2,569	2,102
38	44	96 432	11 523,035	172 747,366	14,991	14,524	88	94	2 822	20,604	50,236	2,438	1,971
39	45	96 219	10 872,447	161 224,330	14,829	14,361	89	95	1 856	12,815	29,632	2,312	1,845
40	46	95 976	10 255,315	150 351,884	14,661	14,193	90	96	1 172	7,652	16,817	2,198	1,730
41	47	95 697	9 669,456	140 096,569	14,489	14,021	91	97	716	4,421	9,165	2,073	1,606
42	48	95 389	9 114,267	130 427,113	14,310	13,843	92	98	413	2,412	4,744	1,967	1,499
43	49	95 059	8 588,849	121 312,846	14,124	13,657	93	99	225	1,242	2,332	1,877	1,410
44	50	94 677	8 089,265	112 723,997	13,935	13,467	94	100	116	0,607	1,090	1,795	1,327
45	51	94 255	7 615,310	104 634,732	13,740	13,272							
46	52	93 794	7 165,987	97 019,421	13,539	13,071							
47	53	93 276	6 738,957	89 853,435	13,333	12,866							
48	54	92 705	6 333,517	83 114,477	13,123	12,655							
49	55	92 083	5 948,976	76 780,961	12,907	12,439							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 770 598,635	17,778	17,311	50	57	91 048	5 562,259	69 886,985	12,564	12,097
1	8	99 180	93 786,843	1 671 006,226	17,817	17,349	51	58	90 285	5 215,740	64 324,725	12,333	11,865
2	9	99 138	88 650,249	1 577 219,383	17,791	17,324	52	59	89 442	4 886,081	59 108,986	12,097	11,630
3	10	99 113	83 808,566	1 488 569,134	17,762	17,294	53	60	88 546	4 574,145	54 222,904	11,854	11,387
4	11	99 090	79 233,249	1 404 760,568	17,729	17,262	54	61	87 557	4 277,100	49 648,760	11,608	11,140
5	12	99 068	74 908,312	1 325 527,319	17,695	17,228	55	62	86 501	3 995,774	45 371,659	11,355	10,887
6	13	99 049	70 821,658	1 250 619,007	17,659	17,191	56	63	85 365	3 728,898	41 375,885	11,096	10,628
7	14	99 028	66 957,188	1 179 797,348	17,620	17,153	57	64	84 164	3 476,538	37 646,988	10,829	10,361
8	15	99 007	63 302,529	1 112 840,160	17,580	17,112	58	65	82 893	3 237,856	34 170,449	10,553	10,086
9	16	98 984	59 846,678	1 049 537,632	17,537	17,070	59	66	81 524	3 011,232	30 932,594	10,272	9,805
10	17	98 959	56 578,648	989 690,954	17,492	17,025	60	67	80 078	2 796,991	27 921,362	9,983	9,515
11	18	98 933	53 488,093	933 112,306	17,445	16,978	61	68	78 514	2 593,261	25 124,371	9,688	9,221
12	19	98 902	50 563,792	879 624,213	17,396	16,929	62	69	76 871	2 400,938	22 531,110	9,384	8,917
13	20	98 870	47 799,179	829 060,421	17,345	16,877	63	70	75 094	2 217,883	20 130,172	9,076	8,609
14	21	98 841	45 186,676	781 261,243	17,290	16,822	64	71	73 222	2 045,015	17 912,288	8,759	8,291
15	22	98 803	42 713,436	736 074,567	17,233	16,765	65	72	71 206	1 880,594	15 867,274	8,437	7,970
16	23	98 761	40 373,608	693 361,132	17,174	16,706	66	73	69 012	1 723,530	13 986,680	8,115	7,648
17	24	98 709	38 158,351	652 987,523	17,113	16,645	67	74	66 685	1 574,864	12 263,150	7,787	7,319
18	25	98 653	36 063,025	614 829,172	17,049	16,581	68	75	64 217	1 434,126	10 688,286	7,453	6,985
19	26	98 576	34 075,605	578 766,147	16,985	16,517	69	76	61 553	1 299,873	9 254,160	7,119	6,652
20	27	98 496	32 196,619	544 690,542	16,918	16,450	70	77	58 696	1 172,139	7 954,286	6,786	6,319
21	28	98 412	30 419,933	512 493,923	16,847	16,380	71	78	55 652	1 050,924	6 782,147	6,454	5,986
22	29	98 331	28 742,205	482 073,991	16,772	16,305	72	79	52 411	935,911	5 731,223	6,124	5,656
23	30	98 248	27 156,563	453 331,786	16,693	16,226	73	80	48 975	827,009	4 795,312	5,798	5,331
24	31	98 167	25 658,778	426 175,223	16,609	16,142	74	81	45 349	724,139	3 968,303	5,480	5,012
25	32	98 078	24 241,735	400 516,445	16,522	16,054	75	82	41 549	627,379	3 244,164	5,171	4,703
26	33	97 986	22 902,106	376 274,710	16,430	15,962	76	83	37 630	537,304	2 616,786	4,870	4,403
27	34	97 891	21 635,781	353 372,604	16,333	15,865	77	84	33 631	454,103	2 079,482	4,579	4,112
28	35	97 789	20 438,120	331 736,823	16,231	15,764	78	85	29 595	377,880	1 625,378	4,301	3,834
29	36	97 687	19 306,620	311 298,703	16,124	15,656	79	86	25 565	308,670	1 247,499	4,042	3,574
30	37	97 579	18 236,597	291 992,083	16,011	15,544	80	87	21 695	247,701	938,829	3,790	3,323
31	38	97 463	17 224,477	273 755,486	15,893	15,426	81	88	17 903	193,294	691,128	3,576	3,108
32	39	97 333	16 266,252	256 531,009	15,771	15,303	82	89	14 485	147,884	497,834	3,366	2,899
33	40	97 192	15 359,506	240 264,757	15,643	15,175	83	90	11 434	110,392	349,950	3,170	2,702
34	41	97 052	14 503,462	224 905,250	15,507	15,039	84	91	8 860	80,890	239,558	2,962	2,494
35	42	96 893	13 692,389	210 401,788	15,366	14,899	85	92	6 592	56,905	158,668	2,788	2,321
36	43	96 718	12 924,442	196 709,399	15,220	14,752	86	93	4 743	38,719	101,763	2,628	2,161
37	44	96 527	12 197,657	183 784,957	15,067	14,600	87	94	3 289	25,391	63,043	2,483	2,015
38	45	96 323	11 510,005	171 587,301	14,908	14,440	88	95	2 186	15,960	37,653	2,359	1,892
39	46	96 089	10 857,741	160 077,296	14,743	14,276	89	96	1 403	9,683	21,693	2,240	1,773
40	47	95 827	10 239,410	149 219,555	14,573	14,105	90	97	863	5,632	12,010	2,133	1,665
41	48	95 531	9 652,675	138 980,145	14,398	13,931	91	98	513	3,166	6,378	2,015	1,547
42	49	95 212	9 097,378	129 327,470	14,216	13,748	92	99	287	1,678	3,213	1,914	1,447
43	50	94 860	8 570,881	120 230,091	14,028	13,560	93	100	152	0,839	1,535	1,830	1,362
44	51	94 456	8 070,365	111 659,211	13,836	13,368							
45	52	94 020	7 596,342	103 588,846	13,637	13,169							
46	53	93 534	7 146,131	95 992,504	13,433	12,965							
47	54	92 993	6 718,476	88 846,373	13,224	12,757							
48	55	92 410	6 313,337	82 127,896	13,009	12,541							
49	56	91 752	5 927,574	75 814,559	12,790	12,323							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 769 005,573	17,764	17,296	50	58	90 672	5 539,308	68 877,452	12,434	11,967
1	9	99 173	93 781,018	1 669 421,484	17,801	17,334	51	59	89 873	5 191,958	63 338,143	12,199	11,732
2	10	99 132	88 644,621	1 575 640,466	17,775	17,307	52	60	89 014	4 862,734	58 146,186	11,958	11,490
3	11	99 105	83 801,814	1 486 995,846	17,744	17,277	53	61	88 062	4 549,134	53 283,452	11,713	11,245
4	12	99 082	79 226,956	1 403 194,031	17,711	17,243	54	62	87 059	4 252,783	48 734,318	11,459	10,992
5	13	99 060	74 902,570	1 323 967,075	17,676	17,208	55	63	85 958	3 970,701	44 481,535	11,202	10,735
6	14	99 039	70 814,692	1 249 064,504	17,638	17,171	56	64	84 796	3 704,031	40 510,834	10,937	10,469
7	15	99 016	66 948,899	1 178 249,813	17,599	17,132	57	65	83 559	3 451,522	36 806,803	10,664	10,196
8	16	98 993	63 293,947	1 111 300,914	17,558	17,090	58	66	82 251	3 212,787	33 355,281	10,382	9,914
9	17	98 968	59 837,057	1 048 006,967	17,514	17,047	59	67	80 854	2 986,480	30 142,494	10,093	9,625
10	18	98 942	56 568,716	988 169,910	17,468	17,001	60	68	79 356	2 771,763	27 156,014	9,797	9,330
11	19	98 911	53 476,409	931 601,194	17,421	16,953	61	69	77 745	2 567,860	24 384,251	9,496	9,028
12	20	98 881	50 552,918	878 124,784	17,370	16,903	62	70	76 028	2 374,605	21 816,391	9,187	8,720
13	21	98 849	47 789,093	827 571,867	17,317	16,850	63	71	74 196	2 191,384	19 441,786	8,872	8,404
14	22	98 819	45 176,909	779 782,773	17,261	16,793	64	72	72 245	2 017,728	17 250,402	8,549	8,082
15	23	98 780	42 703,620	734 605,865	17,202	16,735	65	73	70 105	1 851,491	15 232,674	8,227	7,760
16	24	98 738	40 364,425	691 902,244	17,141	16,674	66	74	67 816	1 693,652	13 381,183	7,901	7,433
17	25	98 686	38 149,675	651 537,819	17,078	16,611	67	75	65 396	1 544,431	11 687,531	7,568	7,100
18	26	98 631	36 054,989	613 388,144	17,013	16,545	68	76	62 787	1 402,172	10 143,100	7,234	6,766
19	27	98 550	34 066,501	577 333,155	16,947	16,480	69	77	59 992	1 266,925	8 740,927	6,899	6,432
20	28	98 470	32 188,308	543 266,654	16,878	16,410	70	78	56 996	1 138,201	7 474,003	6,567	6,099
21	29	98 386	30 412,031	511 078,346	16,805	16,338	71	79	53 801	1 015,972	6 335,802	6,236	5,769
22	30	98 303	28 734,233	480 666,314	16,728	16,260	72	80	50 443	900,767	5 319,830	5,906	5,438
23	31	98 221	27 149,110	451 932,082	16,646	16,179	73	81	46 851	791,139	4 419,063	5,586	5,118
24	32	98 135	25 650,412	424 782,971	16,560	16,093	74	82	43 105	688,297	3 627,924	5,271	4,803
25	33	98 044	24 233,339	399 132,559	16,470	16,003	75	83	39 186	591,701	2 939,627	4,968	4,501
26	34	97 951	22 893,820	374 899,220	16,376	15,908	76	84	35 185	502,401	2 347,926	4,673	4,206
27	35	97 851	21 627,001	352 005,400	16,276	15,809	77	85	31 143	420,506	1 845,525	4,389	3,921
28	36	97 748	20 429,411	330 378,399	16,172	15,704	78	86	27 071	345,648	1 425,019	4,123	3,655
29	37	97 642	19 297,617	309 948,989	16,062	15,594	79	87	23 094	278,837	1 079,370	3,871	3,403
30	38	97 527	18 226,992	290 651,372	15,946	15,479	80	88	19 207	219,300	800,533	3,650	3,183
31	39	97 405	17 214,322	272 424,380	15,825	15,358	81	89	15 657	169,043	581,234	3,438	2,971
32	40	97 264	16 254,813	255 210,058	15,701	15,233	82	90	12 460	127,214	412,191	3,240	2,773
33	41	97 123	15 348,558	238 955,245	15,569	15,101	83	91	9 740	94,032	284,977	3,031	2,563
34	42	96 971	14 491,410	223 606,687	15,430	14,963	84	92	7 326	66,885	190,944	2,855	2,387
35	43	96 801	13 679,437	209 115,277	15,287	14,819	85	93	5 346	46,151	124,060	2,688	2,221
36	44	96 615	12 910,799	195 435,840	15,137	14,670	86	94	3 762	30,709	77,909	2,537	2,069
37	45	96 418	12 183,863	182 525,041	14,981	14,513	87	95	2 548	19,668	47,200	2,400	1,932
38	46	96 193	11 494,437	170 341,177	14,819	14,352	88	96	1 652	12,058	27,532	2,283	1,816
39	47	95 940	10 840,902	158 846,741	14,653	14,185	89	97	1 032	7,127	15,473	2,171	1,704
40	48	95 661	10 221,640	148 005,839	14,480	14,012	90	98	618	4,032	8,347	2,070	1,602
41	49	95 354	9 634,789	137 784,199	14,301	13,833	91	99	357	2,202	4,314	1,959	1,491
42	50	95 013	9 078,346	128 149,410	14,116	13,648	92	100	194	1,133	2,112	1,864	1,397
43	51	94 638	8 550,855	119 071,063	13,925	13,457							
44	52	94 221	8 050,263	110 520,208	13,729	13,261							
45	53	93 760	7 575,294	102 469,945	13,527	13,059							
46	54	93 249	7 124,413	94 894,651	13,320	12,852							
47	55	92 696	6 697,070	87 770,238	13,106	12,638							
48	56	92 077	6 290,625	81 073,168	12,888	12,420							
49	57	91 404	5 905,092	74 782,543	12,664	12,197							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 767 295,878	17,748	17,280	50	59	90 259	5 514,051	67 801,101	12,296	11,828
1	10	99 167	93 775,064	1 667 717,975	17,784	17,317	51	60	89 444	5 167,149	62 287,051	12,054	11,587
2	11	99 124	88 637,480	1 573 942,910	17,757	17,290	52	61	88 528	4 836,145	57 119,902	11,811	11,343
3	12	99 097	83 795,159	1 485 305,431	17,725	17,258	53	62	87 561	4 523,270	52 283,757	11,559	11,091
4	13	99 074	79 220,883	1 401 510,272	17,691	17,224	54	63	86 513	4 226,098	47 760,487	11,301	10,834
5	14	99 050	74 895,202	1 322 289,389	17,655	17,188	55	64	85 385	3 944,222	43 534,389	11,038	10,570
6	15	99 027	70 805,925	1 247 394,187	17,617	17,150	56	65	84 186	3 677,377	39 590,167	10,766	10,298
7	16	99 003	66 939,823	1 176 588,261	17,577	17,109	57	66	82 912	3 424,799	35 912,790	10,486	10,019
8	17	98 977	63 283,772	1 109 648,438	17,534	17,067	58	67	81 575	3 186,378	32 487,991	10,196	9,728
9	18	98 950	59 826,553	1 046 364,666	17,490	17,022	59	68	80 125	2 959,543	29 301,613	9,901	9,433
10	19	98 920	56 556,360	986 538,113	17,443	16,976	60	69	78 579	2 744,613	26 342,070	9,598	9,130
11	20	98 890	53 464,909	929 981,754	17,394	16,927	61	70	76 893	2 539,697	23 597,456	9,291	8,824
12	21	98 860	50 542,251	876 516,845	17,342	16,875	62	71	75 120	2 346,233	21 057,760	8,975	8,508
13	22	98 828	47 778,764	825 974,593	17,287	16,820	63	72	73 206	2 162,144	18 711,527	8,654	8,187
14	23	98 797	45 166,527	778 195,829	17,229	16,762	64	73	71 127	1 986,503	16 549,382	8,331	7,863
15	24	98 758	42 693,907	733 029,302	17,169	16,702	65	74	68 889	1 819,395	14 562,879	8,004	7,537
16	25	98 716	40 355,248	690 335,395	17,106	16,639	66	75	66 505	1 660,924	12 743,484	7,673	7,205
17	26	98 664	38 141,174	649 980,147	17,041	16,574	67	76	63 939	1 510,019	11 082,560	7,339	6,872
18	27	98 604	36 045,357	611 838,973	16,974	16,507	68	77	61 195	1 366,630	9 572,541	7,004	6,537
19	28	98 524	34 057,708	575 793,616	16,906	16,439	69	78	58 255	1 230,242	8 205,911	6,670	6,203
20	29	98 445	32 179,947	541 735,908	16,835	16,367	70	79	55 101	1 100,346	6 975,669	6,340	5,872
21	30	98 359	30 403,596	509 555,961	16,760	16,292	71	80	51 781	977,822	5 875,323	6,009	5,541
22	31	98 276	28 726,347	479 152,365	16,680	16,212	72	81	48 255	861,698	4 897,501	5,684	5,216
23	32	98 189	27 140,259	450 426,018	16,596	16,129	73	82	44 532	751,981	4 035,803	5,367	4,899
24	33	98 101	25 641,529	423 285,759	16,508	16,040	74	83	40 653	649,155	3 283,822	5,059	4,591
25	34	98 009	24 224,572	397 644,230	16,415	15,947	75	84	36 640	553,265	2 634,667	4,762	4,294
26	35	97 911	22 884,529	373 419,659	16,318	15,850	76	85	32 582	465,231	2 081,402	4,474	4,006
27	36	97 810	21 617,784	350 535,130	16,215	15,748	77	86	28 487	384,639	1 616,172	4,202	3,734
28	37	97 702	20 419,884	328 917,345	16,108	15,640	78	87	24 455	312,242	1 231,533	3,944	3,477
29	38	97 590	19 287,453	308 497,461	15,995	15,527	79	88	20 446	246,865	919,291	3,724	3,256
30	39	97 470	18 216,246	289 210,008	15,876	15,409	80	89	16 798	191,786	672,426	3,506	3,039
31	40	97 337	17 202,216	270 993,762	15,753	15,286	81	90	13 469	145,416	480,640	3,305	2,838
32	41	97 195	16 243,227	253 791,547	15,624	15,157	82	91	10 614	108,362	335,224	3,094	2,626
33	42	97 042	15 335,804	237 548,320	15,490	15,022	83	92	8 053	77,751	226,863	2,918	2,450
34	43	96 880	14 477,702	222 212,516	15,349	14,881	84	93	5 942	54,245	149,112	2,749	2,281
35	44	96 699	13 664,998	207 734,814	15,202	14,734	85	94	4 240	36,603	94,867	2,592	2,124
36	45	96 506	12 896,200	194 069,817	15,049	14,581	86	95	2 914	23,787	58,264	2,449	1,982
37	46	96 288	12 167,384	181 173,617	14,890	14,423	87	96	1 925	14,860	34,476	2,320	1,852
38	47	96 043	11 476,610	169 006,233	14,726	14,259	88	97	1 216	8,875	19,616	2,210	1,743
39	48	95 774	10 822,088	157 529,624	14,556	14,089	89	98	739	5,103	10,741	2,105	1,637
40	49	95 484	10 202,700	146 707,536	14,379	13,912	90	99	430	2,805	5,638	2,010	1,542
41	50	95 154	9 614,633	136 504,836	14,198	13,730	91	100	241	1,487	2,833	1,905	1,438
42	51	94 791	9 057,135	126 890,203	14,010	13,542							
43	52	94 402	8 529,557	117 833,068	13,815	13,347							
44	53	93 960	8 027,958	109 303,511	13,615	13,148							
45	54	93 475	7 552,271	101 275,554	13,410	12,942							
46	55	92 952	7 101,713	93 723,283	13,197	12,730							
47	56	92 363	6 672,977	86 621,570	12,981	12,513							
48	57	91 728	6 266,765	79 948,592	12,758	12,290							
49	58	91 027	5 880,726	73 681,827	12,529	12,062							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 765 460,202	17,731	17,263	50	60	89 828	5 487,703	66 656,218	12,146	11,679
1	11	99 159	93 767,510	1 665 888,621	17,766	17,299	51	61	88 955	5 138,895	61 168,515	11,903	11,435
2	12	99 116	88 630,440	1 572 121,111	17,738	17,270	52	62	88 024	4 808,649	56 029,620	11,652	11,184
3	13	99 089	83 788,735	1 483 490,671	17,705	17,238	53	63	87 012	4 494,887	51 220,970	11,395	10,928
4	14	99 065	79 213,090	1 399 701,935	17,670	17,203	54	64	85 936	4 197,916	46 726,083	11,131	10,663
5	15	99 038	74 885,931	1 320 488,845	17,633	17,166	55	65	84 771	3 915,840	42 528,167	10,861	10,393
6	16	99 013	70 796,327	1 245 602,914	17,594	17,127	56	66	83 534	3 648,906	38 612,327	10,582	10,114
7	17	98 987	66 929,062	1 174 806,588	17,553	17,085	57	67	82 230	3 396,647	34 963,422	10,294	9,826
8	18	98 960	63 272,663	1 107 877,526	17,510	17,042	58	68	80 840	3 157,638	31 566,774	9,997	9,529
9	19	98 929	59 813,485	1 044 604,863	17,464	16,997	59	69	79 340	2 930,554	28 409,136	9,694	9,227
10	20	98 899	56 544,197	984 791,378	17,416	16,949	60	70	77 717	2 714,512	25 478,582	9,386	8,918
11	21	98 869	53 453,628	928 247,181	17,365	16,898	61	71	75 974	2 509,352	22 764,070	9,072	8,604
12	22	98 838	50 531,327	874 793,553	17,312	16,844	62	72	74 117	2 314,927	20 254,718	8,750	8,282
13	23	98 805	47 767,785	824 262,226	17,256	16,788	63	73	72 073	2 128,685	17 939,791	8,428	7,960
14	24	98 774	45 156,254	776 494,441	17,196	16,728	64	74	69 894	1 952,066	15 811,107	8,100	7,632
15	25	98 735	42 684,201	731 338,187	17,134	16,666	65	75	67 558	1 784,237	13 859,040	7,767	7,300
16	26	98 694	40 346,255	688 653,987	17,069	16,601	66	76	65 023	1 623,917	12 074,803	7,436	6,968
17	27	98 638	38 130,984	648 307,731	17,002	16,535	67	77	62 319	1 471,744	10 450,887	7,101	6,633
18	28	98 579	36 036,052	610 176,747	16,932	16,465	68	78	59 423	1 327,060	8 979,143	6,766	6,299
19	29	98 499	34 048,862	574 140,695	16,862	16,395	69	79	56 318	1 189,326	7 652,082	6,434	5,966
20	30	98 418	32 171,022	540 091,833	16,788	16,321	70	80	53 031	1 059,028	6 462,756	6,103	5,635
21	31	98 332	30 395,252	507 920,811	16,711	16,243	71	81	49 535	935,410	5 403,729	5,777	5,309
22	32	98 244	28 716,981	477 525,559	16,629	16,161	72	82	45 867	819,047	4 468,318	5,456	4,988
23	33	98 155	27 130,859	448 808,577	16,542	16,075	73	83	42 000	709,218	3 649,271	5,145	4,678
24	34	98 065	25 632,252	421 677,719	16,451	15,983	74	84	38 013	606,987	2 940,053	4,844	4,376
25	35	97 969	24 214,741	396 045,467	16,356	15,888	75	85	33 930	512,331	2 333,067	4,554	4,086
26	36	97 869	22 874,777	371 830,726	16,255	15,787	76	86	29 803	425,549	1 820,736	4,279	3,811
27	37	97 764	21 607,703	348 955,949	16,150	15,682	77	87	25 733	347,464	1 395,187	4,015	3,548
28	38	97 651	20 409,129	327 348,246	16,039	15,572	78	88	21 651	276,440	1 047,723	3,790	3,322
29	39	97 533	19 276,082	306 939,117	15,923	15,456	79	89	17 881	215,893	771,283	3,573	3,105
30	40	97 401	18 203,435	287 663,035	15,803	15,335	80	90	14 450	164,980	555,390	3,366	2,899
31	41	97 267	17 189,954	269 459,600	15,675	15,208	81	91	11 473	123,866	390,410	3,152	2,684
32	42	97 114	16 229,729	252 269,646	15,544	15,076	82	92	8 776	89,600	266,545	2,975	2,507
33	43	96 950	15 321,297	236 039,917	15,406	14,938	83	93	6 531	63,057	176,945	2,806	2,339
34	44	96 777	14 462,420	220 718,620	15,262	14,794	84	94	4 712	43,022	113,888	2,647	2,180
35	45	96 590	13 649,545	206 256,200	15,111	14,643	85	95	3 284	28,353	70,865	2,499	2,032
36	46	96 376	12 878,757	192 606,655	14,955	14,488	86	96	2 202	17,973	42,512	2,365	1,898
37	47	96 138	12 148,513	179 727,899	14,794	14,327	87	97	1 417	10,937	24,540	2,244	1,776
38	48	95 877	11 456,693	167 579,385	14,627	14,160	88	98	871	6,355	13,602	2,140	1,673
39	49	95 596	10 802,035	156 122,692	14,453	13,986	89	99	514	3,550	7,247	2,041	1,574
40	50	95 284	10 181,355	145 320,657	14,273	13,806	90	100	290	1,894	3,697	1,952	1,485
41	51	94 932	9 592,168	135 139,302	14,089	13,621							
42	52	94 555	9 034,575	125 547,134	13,896	13,429							
43	53	94 141	8 505,923	116 512,558	13,698	13,230							
44	54	93 674	8 003,559	108 006,635	13,495	13,027							
45	55	93 177	7 528,209	100 003,076	13,284	12,816							
46	56	92 618	7 076,164	92 474,868	13,069	12,601							
47	57	92 013	6 647,667	85 398,704	12,846	12,379							
48	58	91 349	6 240,907	78 751,036	12,619	12,151							
49	59	90 612	5 853,912	72 510,129	12,387	11,919							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 763 491,184	17,712	17,245	50	61	89 336	5 457,697	65 439,830	11,990	11,523
1	12	99 151	93 760,063	1 663 927,624	17,747	17,279	51	62	88 449	5 109,678	59 982,133	11,739	11,271
2	13	99 108	88 623,646	1 570 167,561	17,717	17,250	52	63	87 472	4 778,476	54 872,455	11,483	11,016
3	14	99 080	83 780,493	1 481 543,915	17,684	17,216	53	64	86 432	4 464,913	50 093,979	11,219	10,752
4	15	99 052	79 203,284	1 397 763,422	17,648	17,180	54	65	85 317	4 167,708	45 629,067	10,948	10,481
5	16	99 025	74 875,779	1 318 560,138	17,610	17,142	55	66	84 114	3 885,522	41 461,358	10,671	10,203
6	17	98 997	70 784,945	1 243 684,359	17,570	17,102	56	67	82 847	3 618,913	37 575,836	10,383	9,916
7	18	98 969	66 917,313	1 172 899,414	17,528	17,060	57	68	81 489	3 366,011	33 956,924	10,088	9,621
8	19	98 938	63 258,842	1 105 982,101	17,483	17,016	58	69	80 048	3 126,709	30 590,913	9,784	9,316
9	20	98 907	59 800,622	1 042 723,259	17,437	16,969	59	70	78 470	2 898,413	27 464,204	9,476	9,008
10	21	98 878	56 532,267	982 922,637	17,387	16,919	60	71	76 788	2 682,078	24 565,791	9,159	8,692
11	22	98 848	53 442,074	926 390,370	17,334	16,867	61	72	74 960	2 475,870	21 883,713	8,839	8,371
12	23	98 816	50 519,715	872 948,296	17,279	16,812	62	73	72 971	2 279,103	19 407,844	8,516	8,048
13	24	98 783	47 756,920	822 428,581	17,221	16,754	63	74	70 824	2 091,783	17 128,740	8,189	7,721
14	25	98 752	45 145,987	774 671,661	17,159	16,692	64	75	68 543	1 914,345	15 036,957	7,855	7,387
15	26	98 713	42 674,689	729 525,674	17,095	16,627	65	76	66 053	1 744,482	13 122,613	7,522	7,055
16	27	98 667	40 335,476	686 850,985	17,028	16,561	66	77	63 375	1 582,754	11 378,131	7,189	6,721
17	28	98 613	38 121,142	646 515,509	16,960	16,492	67	78	60 514	1 429,131	9 795,377	6,854	6,387
18	29	98 553	36 026,692	608 394,367	16,887	16,420	68	79	57 447	1 282,925	8 366,246	6,521	6,054
19	30	98 471	34 039,418	572 367,675	16,815	16,347	69	80	54 203	1 144,666	7 083,321	6,188	5,721
20	31	98 391	32 162,193	538 328,257	16,738	16,270	70	81	50 731	1 013,094	5 938,655	5,862	5,394
21	32	98 300	30 385,343	506 166,064	16,658	16,191	71	82	47 083	889,112	4 925,561	5,540	5,072
22	33	98 210	28 707,035	475 780,721	16,574	16,106	72	83	43 258	772,470	4 036,449	5,225	4,758
23	34	98 119	27 121,043	447 073,686	16,484	16,017	73	84	39 272	663,148	3 263,979	4,922	4,454
24	35	98 026	25 621,850	419 952,642	16,390	15,923	74	85	35 200	562,078	2 600,832	4,627	4,160
25	36	97 927	24 204,422	394 330,793	16,292	15,824	75	86	31 036	468,631	2 038,754	4,350	3,883
26	37	97 824	22 864,110	370 126,371	16,188	15,721	76	87	26 922	384,420	1 570,122	4,084	3,617
27	38	97 712	21 596,323	347 262,261	16,080	15,612	77	88	22 783	307,623	1 185,702	3,854	3,387
28	39	97 593	20 397,096	325 665,939	15,966	15,499	78	89	18 934	241,757	878,079	3,632	3,164
29	40	97 464	19 262,526	305 268,842	15,848	15,380	79	90	15 382	185,718	636,322	3,426	2,959
30	41	97 332	18 190,460	286 006,317	15,723	15,255	80	91	12 308	140,531	450,604	3,206	2,739
31	42	97 186	17 175,669	267 815,857	15,593	15,125	81	92	9 486	102,419	310,074	3,027	2,560
32	43	97 022	16 214,376	250 640,187	15,458	14,990	82	93	7 117	72,667	207,655	2,858	2,390
33	44	96 848	15 305,125	234 425,811	15,317	14,849	83	94	5 180	50,012	134,988	2,699	2,232
34	45	96 668	14 446,066	219 120,686	15,168	14,701	84	95	3 650	33,325	84,976	2,550	2,082
35	46	96 459	13 631,083	204 674,621	15,015	14,548	85	96	2 481	21,422	51,650	2,411	1,943
36	47	96 226	12 858,783	191 043,538	14,857	14,389	86	97	1 620	13,228	30,228	2,285	1,818
37	48	95 972	12 127,431	178 184,755	14,693	14,225	87	98	1 014	7,832	17,000	2,171	1,703
38	49	95 699	11 435,464	166 057,324	14,521	14,054	88	99	606	4,421	9,169	2,074	1,606
39	50	95 396	10 779,437	154 621,860	14,344	13,877	89	100	347	2,397	4,747	1,981	1,513
40	51	95 062	10 157,567	143 842,424	14,161	13,694							
41	52	94 695	9 568,276	133 684,857	13,972	13,504							
42	53	94 293	9 009,542	124 116,581	13,776	13,309							
43	54	93 855	8 480,072	115 107,038	13,574	13,106							
44	55	93 376	7 978,059	106 626,967	13,365	12,897							
45	56	92 842	7 501,126	98 648,908	13,151	12,684							
46	57	92 267	7 049,325	91 147,783	12,930	12,462							
47	58	91 633	6 620,237	84 098,457	12,703	12,236							
48	59	90 933	6 212,450	77 478,220	12,471	12,004							
49	60	90 179	5 825,940	71 265,770	12,232	11,765							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 761 382,821	17,692	17,225	50	62	88 828	5 426,667	64 151,645	11,822	11,354
1	13	99 144	93 752,876	1 661 827,168	17,726	17,258	51	63	87 894	5 077,616	58 724,978	11,565	11,098
2	14	99 099	88 614,928	1 568 074,292	17,695	17,228	52	64	86 889	4 746,610	53 647,362	11,302	10,835
3	15	99 067	83 770,121	1 479 459,364	17,661	17,193	53	65	85 810	4 432,784	48 900,752	11,032	10,564
4	16	99 039	79 192,547	1 395 689,243	17,624	17,156	54	66	84 657	4 135,440	44 467,968	10,753	10,285
5	17	99 009	74 863,742	1 316 496,696	17,585	17,118	55	67	83 423	3 853,584	40 332,528	10,466	9,999
6	18	98 980	70 772,520	1 241 632,954	17,544	17,076	56	68	82 100	3 586,271	36 478,944	10,172	9,704
7	19	98 948	66 902,696	1 170 860,434	17,501	17,033	57	69	80 690	3 333,040	32 892,673	9,869	9,401
8	20	98 917	63 245,238	1 103 957,738	17,455	16,988	58	70	79 170	3 092,416	29 559,632	9,559	9,091
9	21	98 887	59 788,005	1 040 712,500	17,407	16,939	59	71	77 532	2 863,782	26 467,216	9,242	8,774
10	22	98 857	56 520,047	980 924,496	17,355	16,888	60	72	75 764	2 646,291	23 603,434	8,919	8,452
11	23	98 825	53 429,794	924 404,448	17,301	16,834	61	73	73 800	2 437,555	20 957,143	8,598	8,130
12	24	98 793	50 508,224	870 974,655	17,244	16,777	62	74	71 706	2 239,594	18 519,588	8,269	7,802
13	25	98 760	47 746,062	820 466,431	17,184	16,716	63	75	69 455	2 051,361	16 279,994	7,936	7,469
14	26	98 730	45 135,927	772 720,369	17,120	16,652	64	76	67 016	1 871,691	14 228,633	7,602	7,134
15	27	98 687	42 663,288	727 584,442	17,054	16,587	65	77	64 378	1 700,263	12 356,942	7,268	6,800
16	28	98 642	40 325,065	684 921,154	16,985	16,517	66	78	61 540	1 536,927	10 656,679	6,934	6,466
17	29	98 587	38 111,240	644 596,089	16,914	16,446	67	79	58 502	1 381,600	9 119,752	6,601	6,133
18	30	98 526	36 016,700	606 484,849	16,839	16,371	68	80	55 290	1 234,750	7 738,152	6,267	5,799
19	31	98 444	34 030,076	570 468,149	16,764	16,296	69	81	51 852	1 095,018	6 503,401	5,939	5,472
20	32	98 358	32 151,707	536 438,073	16,685	16,217	70	82	48 220	962,950	5 408,383	5,616	5,149
21	33	98 266	30 374,819	504 286,366	16,602	16,135	71	83	44 405	838,550	4 445,433	5,301	4,834
22	34	98 175	28 696,649	473 911,547	16,515	16,047	72	84	40 448	722,291	3 606,883	4,994	4,526
23	35	98 080	27 110,037	445 214,897	16,423	15,955	73	85	36 366	614,084	2 884,592	4,697	4,230
24	36	97 984	25 610,931	418 104,860	16,325	15,858	74	86	32 198	514,135	2 270,508	4,416	3,949
25	37	97 882	24 193,135	392 493,930	16,223	15,756	75	87	28 036	423,339	1 756,372	4,149	3,681
26	38	97 772	22 852,067	368 300,795	16,117	15,649	76	88	23 835	340,342	1 333,034	3,917	3,449
27	39	97 655	21 583,590	345 448,728	16,005	15,538	77	89	19 924	269,028	992,692	3,690	3,222
28	40	97 524	20 382,752	323 865,137	15,889	15,422	78	90	16 288	207,967	723,664	3,480	3,012
29	41	97 395	19 248,795	303 482,386	15,766	15,299	79	91	13 102	158,195	515,697	3,260	2,792
30	42	97 251	18 175,344	284 233,590	15,638	15,171	80	92	10 177	116,199	357,502	3,077	2,609
31	43	97 094	17 159,422	266 058,246	15,505	15,038	81	93	7 693	83,064	241,303	2,905	2,437
32	44	96 920	16 197,261	248 898,824	15,367	14,899	82	94	5 645	57,633	158,239	2,746	2,278
33	45	96 738	15 287,817	232 701,563	15,221	14,754	83	95	4 013	38,740	100,606	2,597	2,129
34	46	96 537	14 426,526	217 413,746	15,070	14,603	84	96	2 758	25,179	61,867	2,457	1,989
35	47	96 310	13 609,942	202 987,219	14,915	14,447	85	97	1 826	15,767	36,687	2,327	1,859
36	48	96 059	12 836,467	189 377,277	14,753	14,285	86	98	1 160	9,472	20,920	2,209	1,741
37	49	95 794	12 104,959	176 540,809	14,584	14,117	87	99	706	5,449	11,449	2,101	1,634
38	50	95 499	11 411,540	164 435,850	14,410	13,942	88	100	409	2,985	6,000	2,010	1,543
39	51	95 173	10 754,251	153 024,310	14,229	13,762							
40	52	94 825	10 132,266	142 270,059	14,041	13,574							
41	53	94 433	9 541,764	132 137,793	13,848	13,381							
42	54	94 006	8 982,160	122 596,029	13,649	13,181							
43	55	93 556	8 453,053	113 613,868	13,441	12,973							
44	56	93 040	7 949,357	105 160,815	13,229	12,761							
45	57	92 490	7 472,675	97 211,458	13,009	12,541							
46	58	91 886	7 020,238	89 738,784	12,783	12,315							
47	59	91 215	6 590,051	82 718,546	12,552	12,084							
48	60	90 498	6 182,765	76 128,494	12,313	11,845							
49	61	89 686	5 794,084	69 945,729	12,072	11,604							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 759 126,959	17,671	17,204	50	63	88 271	5 392,616	62 788,682	11,643	11,176
1	14	99 134	93 743,653	1 659 578,938	17,703	17,236	51	64	87 308	5 043,755	57 396,066	11,380	10,912
2	15	99 086	88 603,958	1 565 835,285	17,672	17,205	52	65	86 263	4 712,454	52 352,310	11,109	10,642
3	16	99 054	83 758,765	1 477 231,327	17,637	17,169	53	66	85 145	4 398,463	47 639,856	10,831	10,363
4	17	99 023	79 179,816	1 393 472,561	17,599	17,131	54	67	83 961	4 101,448	43 241,393	10,543	10,075
5	18	98 991	74 850,600	1 314 292,745	17,559	17,091	55	68	82 670	3 818,826	39 139,945	10,249	9,782
6	19	98 958	70 757,060	1 239 442,145	17,517	17,049	56	69	81 296	3 551,143	35 321,119	9,946	9,479
7	20	98 927	66 888,308	1 168 685,084	17,472	17,005	57	70	79 805	3 296,485	31 769,976	9,638	9,170
8	21	98 896	63 231,894	1 101 796,776	17,425	16,957	58	71	78 224	3 055,467	28 473,491	9,319	8,851
9	22	98 865	59 775,082	1 038 564,882	17,375	16,907	59	72	76 498	2 825,570	25 418,023	8,996	8,528
10	23	98 834	56 507,059	978 789,801	17,322	16,854	60	73	74 591	2 605,339	22 592,453	8,672	8,204
11	24	98 803	53 417,641	922 282,741	17,266	16,798	61	74	72 521	2 395,299	19 989,114	8,344	7,877
12	25	98 771	50 496,741	868 865,101	17,206	16,739	62	75	70 320	2 196,316	17 591,815	8,010	7,542
13	26	98 738	47 735,422	818 368,360	17,144	16,676	63	76	67 908	2 005,655	15 395,499	7,676	7,208
14	27	98 703	45 123,869	770 632,938	17,078	16,611	64	77	65 317	1 824,248	13 389,844	7,340	6,872
15	28	98 662	42 652,275	725 509,069	17,010	16,542	65	78	62 514	1 651,033	11 565,596	7,005	6,537
16	29	98 616	40 314,591	682 856,794	16,938	16,471	66	79	59 493	1 485,811	9 914,563	6,673	6,205
17	30	98 560	38 100,670	642 542,203	16,864	16,397	67	80	56 305	1 329,720	8 428,752	6,339	5,871
18	31	98 499	36 006,816	604 441,534	16,787	16,319	68	81	52 892	1 181,195	7 099,031	6,010	5,542
19	32	98 412	34 018,981	568 434,718	16,709	16,242	69	82	49 286	1 040,820	5 917,836	5,686	5,218
20	33	98 324	32 140,572	534 415,737	16,627	16,160	70	83	45 478	908,190	4 877,016	5,370	4,902
21	34	98 230	30 363,830	502 275,165	16,542	16,074	71	84	41 521	784,078	3 968,827	5,062	4,594
22	35	98 135	28 685,004	471 911,335	16,451	15,984	72	85	37 456	668,852	3 184,748	4,762	4,294
23	36	98 038	27 098,484	443 226,332	16,356	15,889	73	86	33 264	561,706	2 515,897	4,479	4,011
24	37	97 938	25 598,988	416 127,848	16,256	15,788	74	87	29 086	464,445	1 954,191	4,208	3,740
25	38	97 830	24 180,392	390 528,860	16,151	15,683	75	88	24 821	374,798	1 489,746	3,975	3,507
26	39	97 715	22 838,595	366 348,468	16,041	15,573	76	89	20 845	297,642	1 114,948	3,746	3,278
27	40	97 586	21 568,411	343 509,873	15,927	15,459	77	90	17 140	231,426	817,306	3,532	3,064
28	41	97 455	20 368,223	321 941,462	15,806	15,338	78	91	13 874	177,147	585,880	3,307	2,840
29	42	97 314	19 232,800	301 573,239	15,680	15,213	79	92	10 834	130,805	408,733	3,125	2,657
30	43	97 159	18 158,151	282 340,439	15,549	15,081	80	93	8 254	94,239	277,928	2,949	2,482
31	44	96 992	17 141,310	264 182,288	15,412	14,944	81	94	6 102	65,879	183,689	2,788	2,321
32	45	96 810	16 178,945	247 040,978	15,269	14,802	82	95	4 373	44,643	117,810	2,639	2,171
33	46	96 607	15 267,139	230 862,033	15,121	14,654	83	96	3 032	29,270	73,167	2,500	2,032
34	47	96 387	14 404,152	215 594,893	14,968	14,500	84	97	2 030	18,532	43,897	2,369	1,901
35	48	96 142	13 586,323	201 190,741	14,808	14,341	85	98	1 308	11,290	25,365	2,247	1,779
36	49	95 881	12 812,682	187 604,418	14,642	14,175	86	99	807	6,590	14,075	2,136	1,668
37	50	95 593	12 079,634	174 791,736	14,470	14,002	87	100	476	3,678	7,486	2,035	1,568
38	51	95 276	11 384,878	162 712,102	14,292	13,824							
39	52	94 936	10 727,464	151 327,224	14,107	13,639							
40	53	94 562	10 104,192	140 599,760	13,915	13,447							
41	54	94 146	9 512,765	130 495,568	13,718	13,250							
42	55	93 707	8 953,542	120 982,803	13,512	13,045							
43	56	93 219	8 422,643	112 029,261	13,301	12,833							
44	57	92 687	7 919,206	103 606,618	13,083	12,615							
45	58	92 108	7 441,840	95 687,412	12,858	12,390							
46	59	91 467	6 988,228	88 245,572	12,628	12,160							
47	60	90 779	6 558,562	81 257,344	12,390	11,922							
48	61	90 004	6 148,959	74 698,782	12,148	11,681							
49	62	89 176	5 761,142	68 549,824	11,899	11,431							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 756 714,894	17,649	17,181	50	64	87 682	5 356,655	61 350,006	11,453	10,985
1	15	99 122	93 732,048	1 657 176,665	17,680	17,212	51	65	86 680	5 007,461	55 993,351	11,182	10,714
2	16	99 073	88 591,947	1 563 444,617	17,648	17,180	52	66	85 596	4 675,969	50 985,890	10,904	10,436
3	17	99 038	83 745,300	1 474 852,670	17,611	17,144	53	67	84 445	4 362,309	46 309,921	10,616	10,148
4	18	99 006	79 165,917	1 391 107,370	17,572	17,104	54	68	83 204	4 064,454	41 947,612	10,321	9,853
5	19	98 970	74 834,250	1 311 941,453	17,531	17,064	55	69	81 861	3 781,420	37 883,158	10,018	9,551
6	20	98 937	70 741,844	1 237 107,203	17,488	17,020	56	70	80 404	3 512,195	34 101,738	9,710	9,242
7	21	98 906	66 874,195	1 166 365,359	17,441	16,974	57	71	78 852	3 257,098	30 589,543	9,392	8,924
8	22	98 875	63 218,227	1 099 491,164	17,392	16,924	58	72	77 180	3 014,698	27 332,445	9,066	8,599
9	23	98 843	59 761,346	1 036 272,937	17,340	16,873	59	73	75 314	2 781,844	24 317,747	8,742	8,274
10	24	98 812	56 494,207	976 511,591	17,285	16,818	60	74	73 298	2 560,175	21 535,902	8,412	7,944
11	25	98 780	53 405,496	920 017,385	17,227	16,759	61	75	71 119	2 349,012	18 975,728	8,078	7,611
12	26	98 749	50 485,488	866 611,889	17,166	16,698	62	76	68 753	2 147,380	16 626,716	7,743	7,275
13	27	98 712	47 722,669	816 126,401	17,101	16,634	63	77	66 187	1 954,816	14 479,336	7,407	6,939
14	28	98 678	45 112,221	768 403,732	17,033	16,566	64	78	63 426	1 771,428	12 524,520	7,070	6,603
15	29	98 636	42 641,197	723 291,511	16,962	16,495	65	79	60 435	1 596,123	10 753,092	6,737	6,269
16	30	98 589	40 303,409	680 650,314	16,888	16,421	66	80	57 259	1 430,018	9 156,969	6,403	5,936
17	31	98 533	38 090,213	640 346,905	16,811	16,344	67	81	53 863	1 272,046	7 726,951	6,074	5,607
18	32	98 467	35 995,076	602 256,692	16,732	16,264	68	82	50 274	1 122,731	6 454,905	5,749	5,282
19	33	98 378	34 007,199	566 261,615	16,651	16,184	69	83	46 483	981,630	5 332,174	5,432	4,964
20	34	98 289	32 128,944	532 254,416	16,566	16,099	70	84	42 524	849,194	4 350,543	5,123	4,656
21	35	98 190	30 351,507	500 125,473	16,478	16,010	71	85	38 449	726,068	3 501,349	4,822	4,355
22	36	98 093	28 672,779	469 773,965	16,384	15,916	72	86	34 261	611,802	2 775,281	4,536	4,069
23	37	97 992	27 085,847	441 101,186	16,285	15,818	73	87	30 049	507,417	2 163,480	4,264	3,796
24	38	97 887	25 585,505	414 015,338	16,182	15,714	74	88	25 751	411,191	1 656,062	4,027	3,560
25	39	97 772	24 166,136	388 429,834	16,073	15,606	75	89	21 707	327,775	1 244,871	3,798	3,330
26	40	97 646	22 822,533	364 263,697	15,961	15,493	76	90	17 932	256,041	917,096	3,582	3,114
27	41	97 517	21 553,037	341 441,164	15,842	15,374	77	91	14 600	197,130	661,055	3,353	2,886
28	42	97 374	20 351,297	319 888,127	15,718	15,251	78	92	11 472	146,475	463,925	3,167	2,700
29	43	97 222	19 214,607	299 536,829	15,589	15,121	79	93	8 786	106,085	317,450	2,992	2,525
30	44	97 056	18 138,985	280 322,223	15,454	14,987	80	94	6 546	74,743	211,365	2,828	2,360
31	45	96 882	17 121,926	262 183,238	15,313	14,845	81	95	4 727	51,031	136,623	2,677	2,210
32	46	96 680	16 157,062	245 061,312	15,167	14,700	82	96	3 304	33,730	85,592	2,538	2,070
33	47	96 458	15 243,461	228 904,250	15,017	14,549	83	97	2 231	21,543	51,862	2,407	1,940
34	48	96 220	14 379,155	213 660,789	14,859	14,391	84	98	1 453	13,270	30,319	2,285	1,817
35	49	95 964	13 561,148	199 281,634	14,695	14,227	85	99	910	7,855	17,050	2,171	1,703
36	50	95 681	12 785,877	185 720,486	14,525	14,058	86	100	545	4,449	9,195	2,067	1,599
37	51	95 370	12 051,411	172 934,609	14,350	13,882							
38	52	95 039	11 356,520	160 883,198	14,167	13,699							
39	53	94 673	10 697,740	149 526,678	13,977	13,510							
40	54	94 275	10 073,483	138 828,937	13,782	13,314							
41	55	93 846	9 482,456	128 755,454	13,578	13,111							
42	56	93 370	8 921,331	119 272,998	13,369	12,902							
43	57	92 865	8 390,697	110 351,667	13,152	12,684							
44	58	92 304	7 886,529	101 960,970	12,928	12,461							
45	59	91 688	7 407,908	94 074,441	12,699	12,232							
46	60	91 030	6 954,836	86 666,533	12,461	11,994							
47	61	90 283	6 522,700	79 711,697	12,221	11,753							
48	62	89 492	6 113,999	73 188,997	11,971	11,503							
49	63	88 616	5 724,992	67 074,998	11,716	11,249							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 754 140,088	17,625	17,157	50	65	87 051	5 318,109	59 833,553	11,251	10,783
1	16	99 108	93 719,342	1 654 614,181	17,655	17,187	51	66	86 008	4 968,692	54 515,444	10,972	10,504
2	17	99 057	88 577,705	1 560 894,840	17,622	17,154	52	67	84 892	4 637,533	49 546,753	10,684	10,216
3	18	99 021	83 730,600	1 472 317,135	17,584	17,116	53	68	83 684	4 322,963	44 909,219	10,389	9,921
4	19	98 984	79 148,624	1 388 586,535	17,544	17,076	54	69	82 389	4 024,642	40 586,257	10,084	9,617
5	20	98 948	74 818,157	1 309 437,911	17,502	17,034	55	70	80 963	3 739,947	36 561,615	9,776	9,308
6	21	98 916	70 726,918	1 234 619,755	17,456	16,989	56	71	79 444	3 470,231	32 821,668	9,458	8,990
7	22	98 884	66 859,741	1 163 892,837	17,408	16,940	57	72	77 800	3 213,638	29 351,437	9,133	8,666
8	23	98 852	63 203,699	1 097 033,096	17,357	16,890	58	73	75 986	2 968,045	26 137,799	8,806	8,339
9	24	98 820	59 747,752	1 033 829,396	17,303	16,836	59	74	74 008	2 733,620	23 169,753	8,476	8,008
10	25	98 789	56 481,362	974 081,644	17,246	16,778	60	75	71 882	2 510,702	20 436,133	8,140	7,672
11	26	98 758	53 393,595	917 600,282	17,186	16,718	61	76	69 535	2 296,673	17 925,432	7,805	7,337
12	27	98 722	50 472,000	864 206,686	17,122	16,655	62	77	67 010	2 092,949	15 628,758	7,467	7,000
13	28	98 686	47 710,350	813 734,686	17,056	16,588	63	78	64 270	1 898,216	13 535,810	7,131	6,663
14	29	98 652	45 100,503	766 024,336	16,985	16,517	64	79	61 317	1 712,514	11 637,594	6,796	6,328
15	30	98 609	42 629,370	720 923,832	16,911	16,444	65	80	58 166	1 536,188	9 925,080	6,461	5,993
16	31	98 562	40 292,348	678 294,462	16,834	16,367	66	81	54 776	1 367,994	8 388,893	6,132	5,665
17	32	98 500	38 077,795	638 002,114	16,755	16,288	67	82	51 197	1 209,085	7 020,899	5,807	5,339
18	33	98 433	35 982,610	599 924,319	16,673	16,205	68	83	47 415	1 058,884	5 811,814	5,489	5,021
19	34	98 342	33 994,896	563 941,710	16,589	16,121	69	84	43 463	917,865	4 752,930	5,178	4,711
20	35	98 249	32 115,905	529 946,814	16,501	16,033	70	85	39 378	786,366	3 835,065	4,877	4,409
21	36	98 148	30 338,573	497 830,909	16,409	15,942	71	86	35 169	664,137	3 048,699	4,590	4,123
22	37	98 047	28 659,409	467 492,336	16,312	15,844	72	87	30 950	552,672	2 384,562	4,315	3,847
23	38	97 940	27 071,581	438 832,927	16,210	15,743	73	88	26 604	449,236	1 831,890	4,078	3,610
24	39	97 829	25 570,421	411 761,346	16,103	15,635	74	89	22 520	359,602	1 382,654	3,845	3,377
25	40	97 704	24 149,141	386 190,925	15,992	15,524	75	90	18 673	281,962	1 023,052	3,628	3,161
26	41	97 576	22 806,265	362 041,784	15,875	15,407	76	91	15 274	218,096	741,089	3,398	2,930
27	42	97 436	21 535,127	339 235,519	15,753	15,285	77	92	12 072	162,998	522,993	3,209	2,741
28	43	97 282	20 332,046	317 700,392	15,626	15,158	78	93	9 304	118,794	359,995	3,030	2,563
29	44	97 119	19 194,325	297 368,345	15,493	15,025	79	94	6 969	84,138	241,201	2,867	2,399
30	45	96 947	18 118,473	278 174,021	15,353	14,885	80	95	5 071	57,896	157,064	2,713	2,245
31	46	96 751	17 098,767	260 055,548	15,209	14,741	81	96	3 571	38,556	99,167	2,572	2,104
32	47	96 530	16 132,004	242 956,781	15,061	14,593	82	97	2 432	24,826	60,611	2,441	1,974
33	48	96 290	15 217,008	226 824,777	14,906	14,438	83	98	1 598	15,426	35,785	2,320	1,852
34	49	96 042	14 352,511	211 607,769	14,744	14,276	84	99	1 011	9,232	20,360	2,205	1,738
35	50	95 764	13 532,778	197 255,259	14,576	14,109	85	100	614	5,303	11,128	2,099	1,631
36	51	95 457	12 756,003	183 722,481	14,403	13,935							
37	52	95 132	12 021,393	170 966,478	14,222	13,754							
38	53	94 775	11 325,053	158 945,084	14,035	13,567							
39	54	94 385	10 665,228	147 620,031	13,841	13,374							
40	55	93 974	10 041,387	136 954,803	13,639	13,171							
41	56	93 508	9 448,342	126 913,416	13,432	12,965							
42	57	93 015	8 887,494	117 465,074	13,217	12,749							
43	58	92 482	8 356,074	108 577,580	12,994	12,526							
44	59	91 884	7 850,569	100 221,506	12,766	12,299							
45	60	91 250	7 372,511	92 370,936	12,529	12,062							
46	61	90 532	6 916,808	84 998,426	12,289	11,821							
47	62	89 770	6 485,616	78 081,618	12,039	11,572							
48	63	88 930	6 075,635	71 596,002	11,784	11,317							
49	64	88 025	5 686,814	65 520,367	11,521	11,054							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 751 396,101	17,600	17,132	50	66	86 377	5 276,934	58 237,936	11,036	10,569
1	17	99 092	93 704,275	1 651 883,687	17,629	17,161	51	67	85 301	4 927,850	52 961,002	10,747	10,280
2	18	99 040	88 562,156	1 558 179,412	17,594	17,127	52	68	84 126	4 595,704	48 033,152	10,452	9,984
3	19	98 999	83 712,310	1 469 617,256	17,556	17,088	53	69	82 864	4 280,619	43 437,448	10,147	9,680
4	20	98 963	79 131,603	1 385 904,946	17,514	17,046	54	70	81 485	3 980,501	39 156,829	9,837	9,370
5	21	98 928	74 802,371	1 306 773,343	17,470	17,002	55	71	79 996	3 695,261	35 176,328	9,519	9,052
6	22	98 895	70 711,631	1 231 970,972	17,422	16,955	56	72	78 384	3 423,928	31 481,067	9,194	8,727
7	23	98 862	66 844,377	1 161 259,341	17,373	16,905	57	73	76 596	3 163,907	28 057,139	8,868	8,400
8	24	98 830	63 189,323	1 094 414,965	17,320	16,852	58	74	74 669	2 916,593	24 893,233	8,535	8,067
9	25	98 798	59 734,169	1 031 225,641	17,264	16,796	59	75	72 578	2 680,795	21 976,639	8,198	7,730
10	26	98 767	56 468,776	971 491,473	17,204	16,736	60	76	70 280	2 454,760	19 295,844	7,861	7,393
11	27	98 732	53 379,331	915 022,697	17,142	16,674	61	77	67 772	2 238,458	16 841,084	7,524	7,056
12	28	98 697	50 458,972	861 643,366	17,076	16,609	62	78	65 070	2 032,349	14 602,626	7,185	6,718
13	29	98 661	47 697,958	811 184,394	17,007	16,539	63	79	62 133	1 835,085	12 570,277	6,850	6,382
14	30	98 625	45 087,994	763 486,436	16,933	16,466	64	80	59 014	1 648,208	10 735,193	6,513	6,046
15	31	98 581	42 617,671	718 398,441	16,857	16,389	65	81	55 643	1 469,558	9 086,985	6,183	5,716
16	32	98 530	40 279,212	675 780,771	16,777	16,310	66	82	52 065	1 300,284	7 617,427	5,858	5,391
17	33	98 466	38 064,607	635 501,559	16,695	16,228	67	83	48 285	1 140,327	6 317,143	5,540	5,072
18	34	98 397	35 969,592	597 436,952	16,610	16,142	68	84	44 335	990,100	5 176,816	5,229	4,761
19	35	98 303	33 981,100	561 467,361	16,523	16,055	69	85	40 248	849,956	4 186,716	4,926	4,458
20	36	98 207	32 102,219	527 486,261	16,431	15,964	70	86	36 019	719,293	3 336,760	4,639	4,171
21	37	98 103	30 324,426	495 384,042	16,336	15,869	71	87	31 770	599,949	2 617,468	4,363	3,895
22	38	97 996	28 644,314	465 059,617	16,236	15,768	72	88	27 401	489,302	2 017,518	4,123	3,656
23	39	97 883	27 055,621	436 415,303	16,130	15,663	73	89	23 266	392,874	1 528,216	3,890	3,422
24	40	97 760	25 552,438	409 359,682	16,020	15,553	74	90	19 372	309,341	1 135,342	3,670	3,203
25	41	97 634	24 131,928	383 807,244	15,905	15,437	75	91	15 906	240,177	826,001	3,439	2,972
26	42	97 495	22 787,314	359 675,316	15,784	15,316	76	92	12 630	180,334	585,825	3,249	2,781
27	43	97 343	21 514,756	336 888,003	15,658	15,191	77	93	9 790	132,194	405,490	3,067	2,600
28	44	97 179	20 310,585	315 373,246	15,528	15,060	78	94	7 379	94,217	273,296	2,901	2,433
29	45	97 009	19 172,619	295 062,662	15,390	14,922	79	95	5 398	65,174	179,079	2,748	2,280
30	46	96 816	18 093,966	275 890,042	15,248	14,780	80	96	3 831	43,744	113,905	2,604	2,136
31	47	96 601	17 072,248	257 796,076	15,100	14,633	81	97	2 628	28,378	70,162	2,472	2,005
32	48	96 362	16 104,008	240 723,828	14,948	14,480	82	98	1 741	17,776	41,784	2,351	1,883
33	49	96 112	15 188,811	224 619,820	14,789	14,321	83	99	1 112	10,732	24,008	2,237	1,769
34	50	95 841	14 322,484	209 431,008	14,623	14,155	84	100	683	6,233	13,276	2,130	1,663
35	51	95 540	13 501,159	195 108,524	14,451	13,984							
36	52	95 219	12 724,231	181 607,365	14,273	13,805							
37	53	94 869	11 988,084	168 883,135	14,088	13,620							
38	54	94 487	11 290,634	156 895,051	13,896	13,428							
39	55	94 085	10 631,247	145 604,416	13,696	13,228							
40	56	93 636	10 005,263	134 973,169	13,490	13,023							
41	57	93 154	9 412,506	124 967,906	13,277	12,809							
42	58	92 632	8 850,821	115 555,400	13,056	12,588							
43	59	92 061	8 317,974	106 704,579	12,828	12,361							
44	60	91 444	7 813,057	98 386,605	12,593	12,125							
45	61	90 751	7 332,199	90 573,549	12,353	11,885							
46	62	90 017	6 877,482	83 241,350	12,103	11,636							
47	63	89 206	6 444,920	76 363,868	11,849	11,381							
48	64	88 337	6 035,119	69 918,948	11,585	11,118							
49	65	87 392	5 645,893	63 883,829	11,315	10,848							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 748 474,748	17,573	17,106	50	67	85 667	5 233,559	56 561,812	10,808	10,340
1	18	99 075	93 687,827	1 648 978,331	17,601	17,133	51	68	84 532	4 883,403	51 328,253	10,511	10,043
2	19	99 018	88 542,811	1 555 290,505	17,565	17,098	52	69	83 302	4 550,689	46 444,850	10,206	9,739
3	20	98 978	83 694,307	1 466 747,694	17,525	17,057	53	70	81 955	4 233,670	41 894,161	9,895	9,428
4	21	98 942	79 114,907	1 383 053,387	17,482	17,014	54	71	80 511	3 932,941	37 660,491	9,576	9,108
5	22	98 906	74 786,203	1 303 938,480	17,436	16,968	55	72	78 928	3 645,955	33 727,550	9,251	8,783
6	23	98 872	70 695,381	1 229 152,277	17,387	16,919	56	73	77 171	3 370,942	30 081,595	8,924	8,456
7	24	98 839	66 829,173	1 158 456,896	17,335	16,867	57	74	75 268	3 109,059	26 710,653	8,591	8,124
8	25	98 807	63 174,957	1 091 627,723	17,279	16,812	58	75	73 226	2 860,233	23 601,593	8,252	7,784
9	26	98 776	59 720,857	1 028 452,766	17,221	16,753	59	76	70 961	2 621,064	20 741,361	7,913	7,446
10	27	98 741	56 453,690	968 731,909	17,160	16,692	60	77	68 499	2 392,538	18 120,297	7,574	7,106
11	28	98 706	53 365,552	912 278,219	17,095	16,627	61	78	65 810	2 173,645	15 727,759	7,236	6,768
12	29	98 671	50 445,866	858 912,668	17,026	16,559	62	79	62 906	1 964,757	13 554,114	6,899	6,431
13	30	98 633	47 684,729	808 466,801	16,954	16,487	63	80	59 800	1 766,176	11 589,357	6,562	6,094
14	31	98 598	45 075,620	760 782,073	16,878	16,410	64	81	56 454	1 576,720	9 823,181	6,230	5,763
15	32	98 549	42 603,776	715 706,452	16,799	16,332	65	82	52 889	1 396,821	8 246,462	5,904	5,436
16	33	98 496	40 265,261	673 102,676	16,717	16,249	66	83	49 104	1 226,339	6 849,640	5,585	5,118
17	34	98 431	38 050,835	632 837,415	16,631	16,164	67	84	45 149	1 066,253	5 623,301	5,274	4,806
18	35	98 357	35 954,994	594 786,579	16,543	16,075	68	85	41 055	916,846	4 557,048	4,970	4,503
19	36	98 261	33 966,619	558 831,585	16,452	15,985	69	86	36 815	777,458	3 640,202	4,682	4,215
20	37	98 161	32 087,249	524 864,966	16,357	15,890	70	87	32 538	649,774	2 862,743	4,406	3,938
21	38	98 051	30 308,454	492 777,718	16,259	15,791	71	88	28 127	531,158	2 212,969	4,166	3,699
22	39	97 938	28 627,426	462 469,264	16,155	15,687	72	89	23 963	427,913	1 681,811	3,930	3,463
23	40	97 814	27 036,594	433 841,838	16,046	15,579	73	90	20 014	337,963	1 253,898	3,710	3,243
24	41	97 690	25 534,224	406 805,244	15,932	15,464	74	91	16 502	263,498	915,936	3,476	3,008
25	42	97 553	24 111,875	381 271,020	15,813	15,345	75	92	13 152	198,591	652,438	3,285	2,818
26	43	97 403	22 765,758	357 159,145	15,688	15,221	76	93	10 243	146,254	453,846	3,103	2,636
27	44	97 241	21 492,046	334 393,387	15,559	15,091	77	94	7 765	104,845	307,592	2,934	2,466
28	45	97 069	20 287,617	312 901,341	15,423	14,956	78	95	5 716	72,981	202,747	2,778	2,310
29	46	96 878	19 146,687	292 613,724	15,283	14,815	79	96	4 078	49,242	129,765	2,635	2,168
30	47	96 665	18 065,904	273 467,036	15,137	14,670	80	97	2 820	32,196	80,523	2,501	2,033
31	48	96 434	17 042,621	255 401,132	14,986	14,518	81	98	1 882	20,320	48,328	2,378	1,911
32	49	96 183	16 074,168	238 358,511	14,829	14,361	82	99	1 211	12,367	28,008	2,265	1,797
33	50	95 911	15 157,035	222 284,343	14,665	14,198	83	100	750	7,245	15,641	2,159	1,691
34	51	95 617	14 289,020	207 127,308	14,496	14,028							
35	52	95 302	13 467,530	192 838,288	14,319	13,851							
36	53	94 955	12 688,974	179 370,758	14,136	13,668							
37	54	94 581	11 951,650	166 681,784	13,946	13,479							
38	55	94 186	11 254,661	154 730,134	13,748	13,281							
39	56	93 746	10 593,001	143 475,473	13,544	13,077							
40	57	93 281	9 967,314	132 882,473	13,332	12,864							
41	58	92 769	9 373,667	122 915,158	13,113	12,645							
42	59	92 209	8 810,465	113 541,491	12,887	12,420							
43	60	91 621	8 278,227	104 731,026	12,651	12,184							
44	61	90 944	7 770,336	96 452,799	12,413	11,945							
45	62	90 235	7 290,512	88 682,463	12,164	11,697							
46	63	89 453	6 834,328	81 391,952	11,909	11,442							
47	64	88 611	6 401,941	74 557,624	11,646	11,179							
48	65	87 702	5 991,691	68 155,683	11,375	10,907							
49	66	86 715	5 602,180	62 163,992	11,096	10,629							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 745 368,838	17,545	17,078	50	68	84 895	5 186,354	54 803,359	10,567	10,099
1	19	99 053	93 667,362	1 645 889,887	17,572	17,104	51	69	83 704	4 835,569	49 617,005	10,261	9,793
2	20	98 997	88 523,769	1 552 222,525	17,535	17,067	52	70	82 389	4 500,778	44 781,436	9,950	9,482
3	21	98 957	83 676,649	1 463 698,756	17,492	17,025	53	71	80 976	4 183,085	40 280,657	9,629	9,162
4	22	98 920	79 097,807	1 380 022,108	17,447	16,979	54	72	79 437	3 880,464	36 097,572	9,302	8,835
5	23	98 883	74 769,017	1 300 924,301	17,399	16,932	55	73	77 707	3 589,534	32 217,108	8,975	8,508
6	24	98 850	70 679,301	1 226 155,284	17,348	16,881	56	74	75 833	3 312,505	28 627,574	8,642	8,175
7	25	98 817	66 813,979	1 155 475,983	17,294	16,826	57	75	73 814	3 048,979	25 315,069	8,303	7,835
8	26	98 785	63 160,879	1 088 662,004	17,236	16,769	58	76	71 594	2 796,503	22 266,089	7,962	7,495
9	27	98 749	59 704,902	1 025 501,125	17,176	16,709	59	77	69 162	2 554,626	19 469,586	7,621	7,154
10	28	98 715	56 439,117	965 796,222	17,112	16,645	60	78	66 515	2 323,264	16 914,960	7,281	6,813
11	29	98 681	53 351,691	909 357,105	17,045	16,577	61	79	63 621	2 101,354	14 591,696	6,944	6,476
12	30	98 644	50 431,874	856 005,414	16,973	16,506	62	80	60 544	1 890,979	12 490,342	6,605	6,138
13	31	98 606	47 671,642	805 573,540	16,898	16,431	63	81	57 206	1 689,571	10 599,364	6,273	5,806
14	32	98 566	45 060,925	757 901,898	16,819	16,352	64	82	53 660	1 498,679	8 909,792	5,945	5,478
15	33	98 515	42 589,021	712 840,973	16,738	16,270	65	83	49 881	1 317,387	7 411,114	5,626	5,158
16	34	98 460	40 250,694	670 251,953	16,652	16,184	66	84	45 914	1 146,678	6 093,727	5,314	4,847
17	35	98 391	38 035,394	630 001,259	16,564	16,096	67	85	41 808	987,365	4 947,049	5,010	4,543
18	36	98 315	35 939,672	591 965,865	16,471	16,004	68	86	37 553	838,644	3 959,684	4,722	4,254
19	37	98 215	33 950,779	556 026,193	16,377	15,910	69	87	33 257	702,318	3 121,040	4,444	3,976
20	38	98 110	32 070,348	522 075,414	16,279	15,811	70	88	28 807	575,270	2 418,722	4,204	3,737
21	39	97 993	30 290,585	490 005,065	16,177	15,709	71	89	24 599	464,518	1 843,452	3,969	3,501
22	40	97 869	28 607,294	459 714,481	16,070	15,602	72	90	20 614	368,104	1 378,934	3,746	3,278
23	41	97 744	27 017,322	431 107,187	15,957	15,489	73	91	17 048	287,878	1 010,830	3,511	3,044
24	42	97 609	25 513,006	404 089,865	15,839	15,371	74	92	13 644	217,875	722,953	3,318	2,851
25	43	97 461	24 089,066	378 576,859	15,716	15,248	75	93	10 666	161,061	505,078	3,136	2,668
26	44	97 300	22 741,728	354 487,793	15,588	15,120	76	94	8 124	115,997	344,017	2,966	2,498
27	45	97 131	21 467,743	331 746,065	15,453	14,986	77	95	6 015	81,214	228,020	2,808	2,340
28	46	96 938	20 260,177	310 278,323	15,315	14,847	78	96	4 319	55,141	146,806	2,662	2,195
29	47	96 728	19 116,992	290 018,146	15,171	14,703	79	97	3 002	36,243	91,665	2,529	2,062
30	48	96 498	18 034,552	270 901,153	15,021	14,554	80	98	2 019	23,054	55,422	2,404	1,936
31	49	96 255	17 011,042	252 866,601	14,865	14,397	81	99	1 309	14,137	32,369	2,290	1,822
32	50	95 982	16 040,540	235 855,560	14,704	14,236	82	100	818	8,349	18,232	2,184	1,716
33	51	95 687	15 121,621	219 815,020	14,536	14,069							
34	52	95 379	14 253,430	204 693,399	14,361	13,893							
35	53	95 038	13 430,214	190 439,969	14,180	13,712							
36	54	94 667	12 650,410	177 009,755	13,992	13,525							
37	55	94 279	11 913,570	164 359,346	13,796	13,328							
38	56	93 847	11 214,172	152 445,775	13,594	13,126							
39	57	93 391	10 552,822	141 231,604	13,383	12,916							
40	58	92 896	9 926,186	130 678,781	13,165	12,697							
41	59	92 346	9 330,927	120 752,595	12,941	12,474							
42	60	91 769	8 768,365	111 421,668	12,707	12,240							
43	61	91 120	8 232,963	102 653,303	12,469	12,001							
44	62	90 427	7 726,158	94 420,340	12,221	11,753							
45	63	89 669	7 244,765	86 694,182	11,966	11,499							
46	64	88 856	6 788,752	79 449,417	11,703	11,236							
47	65	87 974	6 355,874	72 660,665	11,432	10,964							
48	66	87 023	5 945,301	66 304,791	11,152	10,685							
49	67	86 002	5 556,131	60 359,490	10,864	10,396							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 742 069,705	17,516	17,048	50	69	84 063	5 135,553	52 962,432	10,313	9,845
1	20	99 032	93 647,218	1 642 612,484	17,540	17,073	51	70	82 786	4 782,534	47 826,879	10,000	9,533
2	21	98 976	88 505,092	1 548 965,266	17,501	17,034	52	71	81 404	4 447,002	43 044,345	9,679	9,212
3	22	98 935	83 658,562	1 460 460,174	17,457	16,990	53	72	79 896	4 127,271	38 597,342	9,352	8,884
4	23	98 898	79 079,630	1 376 801,612	17,410	16,943	54	73	78 208	3 820,413	34 470,072	9,023	8,555
5	24	98 861	74 752,010	1 297 721,982	17,360	16,893	55	74	76 360	3 527,308	30 649,658	8,689	8,222
6	25	98 827	70 663,232	1 222 969,972	17,307	16,839	56	75	74 367	3 248,494	27 122,351	8,349	7,882
7	26	98 795	66 799,090	1 152 306,739	17,250	16,783	57	76	72 169	2 981,045	23 873,537	8,009	7,541
8	27	98 759	63 144,005	1 085 507,650	17,191	16,723	58	77	69 779	2 725,618	20 892,812	7,665	7,198
9	28	98 724	59 689,491	1 022 363,645	17,128	16,660	59	78	67 160	2 480,659	18 167,194	7,324	6,856
10	29	98 690	56 424,458	962 674,154	17,061	16,594	60	79	64 303	2 245,996	15 686,535	6,984	6,517
11	30	98 653	53 336,893	906 249,696	16,991	16,523	61	80	61 232	2 022,447	13 440,538	6,646	6,178
12	31	98 617	50 418,034	852 912,803	16,917	16,449	62	81	57 918	1 808,961	11 418,092	6,312	5,844
13	32	98 574	47 656,100	802 494,769	16,839	16,372	63	82	54 374	1 605,945	9 609,131	5,983	5,516
14	33	98 531	45 045,318	754 838,669	16,757	16,290	64	83	50 609	1 413,452	8 003,186	5,662	5,195
15	34	98 480	42 573,612	709 793,351	16,672	16,205	65	84	46 641	1 231,811	6 589,734	5,350	4,882
16	35	98 420	40 234,359	667 219,738	16,583	16,116	66	85	42 517	1 061,840	5 357,923	5,046	4,578
17	36	98 349	38 019,185	626 985,379	16,491	16,024	67	86	38 242	903,147	4 296,083	4,757	4,289
18	37	98 269	35 922,913	588 966,195	16,395	15,928	68	87	33 923	757,590	3 392,936	4,479	4,011
19	38	98 163	33 932,898	553 043,282	16,298	15,831	69	88	29 443	621,789	2 635,346	4,238	3,771
20	39	98 052	32 051,441	519 110,384	16,196	15,729	70	89	25 193	503,095	2 013,557	4,002	3,535
21	40	97 924	30 269,283	487 058,944	16,091	15,623	71	90	21 160	399,593	1 510,462	3,780	3,312
22	41	97 799	28 586,903	456 789,661	15,979	15,511	72	91	17 559	313,552	1 110,869	3,543	3,075
23	42	97 663	26 994,871	428 202,759	15,862	15,395	73	92	14 096	238,033	797,316	3,350	2,882
24	43	97 517	25 488,872	401 207,887	15,741	15,273	74	93	11 066	176,700	559,283	3,165	2,698
25	44	97 358	24 063,639	375 719,015	15,614	15,146	75	94	8 460	127,740	382,583	2,995	2,527
26	45	97 190	22 716,011	351 655,377	15,481	15,013	76	95	6 293	89,852	254,843	2,836	2,369
27	46	96 999	21 438,706	328 939,366	15,343	14,876	77	96	4 544	61,361	164,991	2,689	2,221
28	47	96 788	20 228,755	307 500,659	15,201	14,734	78	97	3 179	40,585	103,630	2,553	2,086
29	48	96 560	19 083,816	287 271,904	15,053	14,586	79	98	2 149	25,951	63,045	2,429	1,962
30	49	96 319	18 001,135	268 188,088	14,898	14,431	80	99	1 405	16,039	37,094	2,313	1,845
31	50	96 053	16 975,453	250 186,953	14,738	14,271	81	100	884	9,544	21,055	2,206	1,739
32	51	95 758	16 003,062	233 211,500	14,573	14,105							
33	52	95 448	15 083,956	217 208,438	14,400	13,932							
34	53	95 115	14 213,936	202 124,482	14,220	13,753							
35	54	94 749	13 389,397	187 910,546	14,034	13,567							
36	55	94 365	12 610,104	174 521,149	13,840	13,372							
37	56	93 940	11 870,711	161 911,046	13,640	13,172							
38	57	93 491	11 171,638	150 040,335	13,430	12,963							
39	58	93 005	10 509,279	138 868,697	13,214	12,746							
40	59	92 473	9 880,926	128 359,419	12,991	12,523							
41	60	91 905	9 286,340	118 478,492	12,758	12,291							
42	61	91 267	8 720,421	109 192,152	12,521	12,054							
43	62	90 602	8 186,155	100 471,731	12,273	11,806							
44	63	89 860	7 677,678	92 285,577	12,020	11,552							
45	64	89 071	7 196,452	84 607,899	11,757	11,289							
46	65	88 217	6 739,901	77 411,446	11,486	11,018							
47	66	87 293	6 306,664	70 671,545	11,206	10,738							
48	67	86 307	5 896,432	64 364,881	10,916	10,448							
49	68	85 227	5 506,017	58 468,449	10,619	10,151							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 738 571,193	17,484	17,017	50	70	83 141	5 079,228	51 038,672	10,049	9,581
1	21	99 011	93 627,459	1 639 135,360	17,507	17,039	51	71	81 797	4 725,391	45 959,444	9,726	9,258
2	22	98 954	88 485,961	1 545 507,901	17,466	16,999	52	72	80 318	4 387,666	41 234,053	9,398	8,930
3	23	98 913	83 639,338	1 457 021,939	17,420	16,953	53	73	78 659	4 063,400	36 846,387	9,068	8,600
4	24	98 875	79 061,643	1 373 382,602	17,371	16,903	54	74	76 852	3 754,185	32 782,986	8,732	8,265
5	25	98 838	74 735,015	1 294 320,958	17,319	16,851	55	75	74 884	3 459,146	29 028,801	8,392	7,924
6	26	98 805	70 647,485	1 219 585,943	17,263	16,795	56	76	72 711	3 176,114	25 569,656	8,051	7,583
7	27	98 768	66 781,244	1 148 938,458	17,205	16,737	57	77	70 340	2 905,482	22 393,542	7,707	7,240
8	28	98 733	63 127,705	1 082 157,214	17,142	16,675	58	78	67 759	2 646,700	19 488,060	7,363	6,896
9	29	98 698	59 673,987	1 019 029,508	17,077	16,609	59	79	64 926	2 398,157	16 841,359	7,023	6,555
10	30	98 662	56 408,808	959 355,521	17,007	16,540	60	80	61 888	2 161,658	14 443,203	6,682	6,214
11	31	98 626	53 322,255	902 946,713	16,934	16,466	61	81	58 576	1 934,727	12 281,545	6,348	5,880
12	32	98 585	50 401,596	849 624,457	16,857	16,390	62	82	55 051	1 719,425	10 346,818	6,018	5,550
13	33	98 540	47 639,595	799 222,861	16,776	16,309	63	83	51 282	1 514,618	8 627,393	5,696	5,229
14	34	98 496	45 029,021	751 583,266	16,691	16,224	64	84	47 321	1 321,636	7 112,775	5,382	4,914
15	35	98 440	42 556,335	706 554,245	16,603	16,135	65	85	43 190	1 140,674	5 791,140	5,077	4,609
16	36	98 378	40 217,213	663 997,911	16,510	16,043	66	86	38 891	971,270	4 650,465	4,788	4,320
17	37	98 303	38 001,456	623 780,697	16,415	15,947	67	87	34 546	815,859	3 679,196	4,510	4,042
18	38	98 218	35 903,992	585 779,242	16,315	15,848	68	88	30 034	670,723	2 863,336	4,269	3,801
19	39	98 105	33 912,892	549 875,250	16,214	15,747	69	89	25 749	543,778	2 192,613	4,032	3,565
20	40	97 983	32 028,900	515 962,358	16,109	15,642	70	90	21 672	432,778	1 648,835	3,810	3,342
21	41	97 854	30 247,707	483 933,458	15,999	15,531	71	91	18 025	340,375	1 216,056	3,573	3,105
22	42	97 718	28 563,147	453 685,751	15,884	15,416	72	92	14 519	259,263	875,682	3,378	2,910
23	43	97 571	26 969,336	425 122,603	15,763	15,296	73	93	11 432	193,049	616,419	3,193	2,725
24	44	97 414	25 461,967	398 153,268	15,637	15,170	74	94	8 777	140,144	423,370	3,021	2,553
25	45	97 248	24 036,427	372 691,301	15,505	15,038	75	95	6 553	98,949	283,226	2,862	2,395
26	46	97 059	22 685,286	348 654,874	15,369	14,902	76	96	4 754	67,888	184,278	2,714	2,247
27	47	96 849	21 405,457	325 969,588	15,228	14,761	77	97	3 345	45,163	116,390	2,577	2,110
28	48	96 620	20 193,650	304 564,131	15,082	14,615	78	98	2 276	29,060	71,227	2,451	1,983
29	49	96 381	19 048,455	284 370,481	14,929	14,461	79	99	1 495	18,055	42,167	2,335	1,868
30	50	96 117	17 963,475	265 322,026	14,770	14,303	80	100	948	10,828	24,112	2,227	1,759
31	51	95 829	16 935,791	247 358,551	14,606	14,138							
32	52	95 519	15 963,201	230 422,761	14,435	13,967							
33	53	95 184	15 042,161	214 459,559	14,257	13,790							
34	54	94 826	14 170,737	199 417,398	14,072	13,605							
35	55	94 447	13 346,736	185 246,661	13,880	13,412							
36	56	94 026	12 564,738	171 899,925	13,681	13,214							
37	57	93 584	11 825,687	159 335,187	13,474	13,006							
38	58	93 106	11 125,540	147 509,500	13,259	12,791							
39	59	92 581	10 461,360	136 383,960	13,037	12,569							
40	60	92 031	9 833,712	125 922,600	12,805	12,338							
41	61	91 403	9 235,564	116 088,888	12,570	12,102							
42	62	90 748	8 670,841	106 853,324	12,323	11,856							
43	63	90 033	8 134,788	98 182,483	12,069	11,602							
44	64	89 261	7 626,478	90 047,695	11,807	11,340							
45	65	88 430	7 144,668	82 421,216	11,536	11,068							
46	66	87 534	6 687,718	75 276,548	11,256	10,788							
47	67	86 575	6 254,825	68 588,830	10,966	10,498							
48	68	85 529	5 843,248	62 334,005	10,668	10,200							
49	69	84 392	5 452,085	56 490,757	10,361	9,894							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 734 861,946	17,451	16,983	50	71	82 148	5 018,540	49 033,784	9,771	9,303
1	22	98 990	93 607,222	1 635 447,094	17,471	17,004	51	72	80 706	4 662,341	44 015,243	9,441	8,973
2	23	98 932	88 465,628	1 541 839,872	17,429	16,961	52	73	79 075	4 319,766	39 352,903	9,110	8,642
3	24	98 890	83 620,314	1 453 374,244	17,381	16,913	53	74	77 296	3 992,960	35 033,137	8,774	8,306
4	25	98 853	79 043,668	1 369 753,930	17,329	16,862	54	75	75 367	3 681,639	31 040,177	8,431	7,963
5	26	98 816	74 718,361	1 290 710,262	17,274	16,807	55	76	73 216	3 382,072	27 358,538	8,089	7,622
6	27	98 779	70 628,611	1 215 991,901	17,217	16,749	56	77	70 867	3 095,607	23 976,466	7,745	7,278
7	28	98 743	66 764,005	1 145 363,289	17,155	16,688	57	78	68 303	2 821,356	20 880,859	7,401	6,933
8	29	98 708	63 111,309	1 078 599,284	17,090	16,623	58	79	65 505	2 558,676	18 059,503	7,058	6,591
9	30	98 671	59 657,436	1 015 487,975	17,022	16,554	59	80	62 488	2 308,104	15 500,828	6,716	6,248
10	31	98 635	56 393,327	955 830,539	16,949	16,482	60	81	59 204	2 067,900	13 192,723	6,380	5,912
11	32	98 594	53 304,871	899 437,211	16,873	16,406	61	82	55 677	1 838,966	11 124,823	6,049	5,582
12	33	98 550	50 384,140	846 132,341	16,794	16,326	62	83	51 921	1 621,645	9 285,857	5,726	5,259
13	34	98 504	47 622,359	795 748,201	16,710	16,242	63	84	47 951	1 416,230	7 664,212	5,412	4,944
14	35	98 456	45 010,747	748 125,841	16,621	16,153	64	85	43 820	1 223,853	6 247,983	5,105	4,638
15	36	98 398	42 538,199	703 115,094	16,529	16,061	65	86	39 506	1 043,380	5 024,129	4,815	4,348
16	37	98 332	40 198,459	660 576,895	16,433	15,965	66	87	35 132	877,398	3 980,749	4,537	4,069
17	38	98 251	37 981,440	620 378,436	16,334	15,866	67	88	30 585	722,312	3 103,351	4,296	3,829
18	39	98 160	35 882,824	582 396,995	16,231	15,763	68	89	26 266	586,573	2 381,040	4,059	3,592
19	40	98 036	33 889,042	546 514,171	16,127	15,659	69	90	22 150	467,775	1 794,467	3,836	3,369
20	41	97 913	32 006,070	512 625,129	16,016	15,549	70	91	18 460	368,642	1 326,692	3,599	3,131
21	42	97 773	30 222,572	480 619,059	15,903	15,435	71	92	14 904	281,441	958,049	3,404	2,937
22	43	97 626	28 536,128	450 396,487	15,783	15,316	72	93	11 775	210,266	676,609	3,218	2,750
23	44	97 468	26 940,868	421 860,359	15,659	15,191	73	94	9 067	153,110	466,342	3,046	2,578
24	45	97 304	25 433,174	394 919,491	15,528	15,060	74	95	6 798	108,557	313,232	2,885	2,418
25	46	97 116	24 003,916	369 486,317	15,393	14,925	75	96	4 951	74,761	204,675	2,738	2,270
26	47	96 908	22 650,103	345 482,400	15,253	14,785	76	97	3 499	49,966	129,915	2,600	2,132
27	48	96 681	21 368,309	322 832,297	15,108	14,640	77	98	2 395	32,338	79,949	2,472	2,005
28	49	96 441	20 156,232	301 463,988	14,956	14,489	78	99	1 583	20,218	47,610	2,355	1,887
29	50	96 179	19 008,604	281 307,756	14,799	14,331	79	100	1 010	12,189	27,392	2,247	1,780
30	51	95 893	17 921,504	262 299,152	14,636	14,168							
31	52	95 590	16 893,607	244 377,648	14,466	13,998							
32	53	95 255	15 918,970	227 484,041	14,290	13,823							
33	54	94 894	14 996,445	211 565,071	14,108	13,640							
34	55	94 523	14 125,587	196 568,626	13,916	13,448							
35	56	94 107	13 298,721	182 443,039	13,719	13,251							
36	57	93 669	12 517,082	169 144,318	13,513	13,046							
37	58	93 198	11 776,890	156 627,236	13,300	12,832							
38	59	92 681	11 074,812	144 850,346	13,079	12,612							
39	60	92 139	10 411,372	133 775,534	12,849	12,381							
40	61	91 527	9 779,942	123 364,162	12,614	12,146							
41	62	90 883	9 183,055	113 584,220	12,369	11,901							
42	63	90 179	8 616,434	104 401,165	12,117	11,649							
43	64	89 433	8 080,540	95 784,731	11,854	11,386							
44	65	88 618	7 571,600	87 704,191	11,583	11,116							
45	66	87 745	7 089,351	80 132,591	11,303	10,836							
46	67	86 814	6 632,747	73 043,240	11,013	10,545							
47	68	85 794	6 198,409	66 410,493	10,714	10,247							
48	69	84 691	5 786,013	60 212,085	10,406	9,939							
49	70	83 466	5 392,288	54 426,072	10,093	9,626							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 730 929,902	17,415	16,947	50	72	81 052	4 951,578	46 948,371	9,481	9,014
1	23	98 967	93 585,712	1 631 536,537	17,434	16,966	51	73	79 457	4 590,190	41 996,793	9,149	8,682
2	24	98 909	88 445,506	1 537 950,825	17,389	16,921	52	74	77 704	4 244,881	37 406,603	8,812	8,345
3	25	98 868	83 601,302	1 449 505,320	17,338	16,871	53	75	75 802	3 915,800	33 161,721	8,469	8,001
4	26	98 831	79 026,054	1 365 904,017	17,284	16,817	54	76	73 688	3 599,608	29 245,922	8,125	7,657
5	27	98 790	74 698,400	1 286 877,963	17,228	16,760	55	77	71 360	3 296,344	25 646,314	7,780	7,313
6	28	98 753	70 610,380	1 212 179,564	17,167	16,700	56	78	68 816	3 005,976	22 349,970	7,435	6,968
7	29	98 717	66 746,665	1 141 569,184	17,103	16,635	57	79	66 031	2 727,523	19 343,994	7,092	6,625
8	30	98 680	63 093,805	1 074 822,519	17,035	16,568	58	80	63 046	2 462,596	16 616,471	6,748	6,280
9	31	98 644	59 641,064	1 011 728,715	16,964	16,496	59	81	59 778	2 207,995	14 153,875	6,410	5,943
10	32	98 603	56 374,942	952 087,651	16,888	16,421	60	82	56 274	1 965,547	11 945,881	6,078	5,610
11	33	98 560	53 286,409	895 712,710	16,809	16,342	61	83	52 511	1 734,388	9 980,333	5,754	5,287
12	34	98 515	50 365,911	842 426,300	16,726	16,259	62	84	48 548	1 516,304	8 245,945	5,438	4,971
13	35	98 464	47 603,033	792 060,389	16,639	16,171	63	85	44 403	1 311,449	6 729,641	5,131	4,664
14	36	98 414	44 991,566	744 457,356	16,547	16,079	64	86	40 082	1 119,464	5 418,192	4,840	4,372
15	37	98 352	42 518,363	699 465,790	16,451	15,983	65	87	35 688	942,539	4 298,728	4,561	4,093
16	38	98 280	40 177,287	656 947,427	16,351	15,884	66	88	31 104	776,794	3 356,189	4,321	3,853
17	39	98 193	37 959,048	616 770,141	16,248	15,781	67	89	26 748	631,689	2 579,395	4,083	3,616
18	40	98 091	35 857,589	578 811,093	16,142	15,674	68	90	22 595	504,589	1 947,706	3,860	3,392
19	41	97 966	33 864,886	542 953,504	16,033	15,565	69	91	18 868	398,452	1 443,117	3,622	3,154
20	42	97 832	31 979,474	509 088,618	15,919	15,452	70	92	15 264	304,814	1 044,665	3,427	2,960
21	43	97 681	30 193,983	477 109,144	15,801	15,334	71	93	12 087	228,253	739,851	3,241	2,774
22	44	97 522	28 506,007	446 915,161	15,678	15,210	72	94	9 339	166,766	511,598	3,068	2,600
23	45	97 357	26 910,403	418 409,154	15,548	15,081	73	95	7 024	118,601	344,832	2,908	2,440
24	46	97 172	25 398,774	391 498,751	15,414	14,947	74	96	5 137	82,020	226,232	2,758	2,291
25	47	96 966	23 966,688	366 099,977	15,275	14,808	75	97	3 644	55,025	144,212	2,621	2,153
26	48	96 740	22 610,796	342 133,289	15,131	14,664	76	98	2 506	35,778	89,187	2,493	2,025
27	49	96 502	21 328,714	319 522,493	14,981	14,513	77	99	1 666	22,498	53,409	2,374	1,906
28	50	96 239	20 114,063	298 193,779	14,825	14,358	78	100	1 069	13,649	30,910	2,265	1,797
29	51	95 954	18 964,191	278 079,715	14,663	14,196							
30	52	95 654	17 876,865	259 115,524	14,494	14,027							
31	53	95 325	16 846,798	241 238,659	14,320	13,852							
32	54	94 965	15 870,589	224 391,861	14,139	13,671							
33	55	94 592	14 948,664	208 521,271	13,949	13,482							
34	56	94 183	14 074,769	193 572,607	13,753	13,286							
35	57	93 750	13 248,280	179 497,838	13,549	13,081							
36	58	93 283	12 465,433	166 249,557	13,337	12,869							
37	59	92 773	11 723,192	153 784,125	13,118	12,650							
38	60	92 238	11 021,892	142 060,933	12,889	12,421							
39	61	91 635	10 354,444	131 039,040	12,655	12,188							
40	62	91 007	9 724,339	120 684,596	12,411	11,943							
41	63	90 313	9 125,434	110 960,258	12,159	11,692							
42	64	89 577	8 558,974	101 834,824	11,898	11,430							
43	65	88 789	8 022,394	93 275,850	11,627	11,159							
44	66	87 932	7 512,977	85 253,456	11,347	10,880							
45	67	87 024	7 031,078	77 740,479	11,057	10,589							
46	68	86 031	6 572,922	70 709,401	10,758	10,290							
47	69	84 954	6 137,694	64 136,479	10,450	9,982							
48	70	83 762	5 722,554	57 998,785	10,135	9,668							
49	71	82 469	5 327,860	52 276,231	9,812	9,344							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 726 763,281	17,377	16,909	50	73	79 797	4 874,952	44 785,127	9,187	8,719
1	24	98 944	93 564,425	1 627 392,756	17,393	16,926	51	74	78 079	4 510,617	39 910,176	8,848	8,380
2	25	98 887	88 425,397	1 533 828,331	17,346	16,878	52	75	76 203	4 162,853	35 399,558	8,504	8,036
3	26	98 846	83 582,672	1 445 402,934	17,293	16,826	53	76	74 113	3 828,551	31 236,706	8,159	7,691
4	27	98 804	79 004,942	1 361 820,261	17,237	16,770	54	77	71 820	3 508,366	27 408,155	7,812	7,345
5	28	98 765	74 679,117	1 282 815,320	17,178	16,710	55	78	69 294	3 200,901	23 899,789	7,467	6,999
6	29	98 727	70 592,040	1 208 136,202	17,114	16,647	56	79	66 527	2 906,003	20 698,888	7,123	6,655
7	30	98 690	66 728,152	1 137 544,162	17,047	16,580	57	80	63 552	2 625,103	17 792,885	6,778	6,310
8	31	98 653	63 076,489	1 070 816,011	16,976	16,509	58	81	60 311	2 355,785	15 167,782	6,439	5,971
9	32	98 611	59 621,619	1 007 739,522	16,902	16,435	59	82	56 819	2 098,708	12 811,997	6,105	5,637
10	33	98 569	56 355,417	948 117,903	16,824	16,356	60	83	53 074	1 853,771	10 713,289	5,779	5,312
11	34	98 524	53 267,131	891 762,486	16,741	16,274	61	84	49 100	1 621,724	8 859,518	5,463	4,995
12	35	98 475	50 345,472	838 495,355	16,655	16,187	62	85	44 956	1 404,119	7 237,794	5,155	4,687
13	36	98 423	47 582,747	788 149,884	16,564	16,096	63	86	40 616	1 199,588	5 833,675	4,863	4,395
14	37	98 368	44 970,585	740 567,137	16,468	16,000	64	87	36 209	1 011,270	4 634,086	4,582	4,115
15	38	98 300	42 495,969	695 596,552	16,369	15,901	65	88	31 596	834,466	3 622,817	4,341	3,874
16	39	98 222	40 153,599	653 100,583	16,265	15,797	66	89	27 201	679,336	2 788,351	4,105	3,637
17	40	98 124	37 932,352	612 946,983	16,159	15,691	67	90	23 009	543,399	2 109,015	3,881	3,414
18	41	98 021	35 832,030	575 014,631	16,048	15,580	68	91	19 246	429,810	1 565,616	3,643	3,175
19	42	97 885	33 836,745	539 182,601	15,935	15,467	69	92	15 601	329,463	1 135,806	3,447	2,980
20	43	97 739	31 949,223	505 345,856	15,817	15,350	70	93	12 379	247,209	806,343	3,262	2,794
21	44	97 577	30 162,111	473 396,633	15,695	15,227	71	94	9 587	181,031	559,134	3,089	2,621
22	45	97 412	28 473,772	443 234,521	15,566	15,099	72	95	7 234	129,178	378,103	2,927	2,459
23	46	97 226	26 874,005	414 760,749	15,434	14,966	73	96	5 307	89,609	248,925	2,778	2,310
24	47	97 021	25 359,383	387 886,745	15,296	14,828	74	97	3 781	60,368	159,316	2,639	2,172
25	48	96 797	23 925,096	362 527,362	15,153	14,685	75	98	2 609	39,400	98,948	2,511	2,044
26	49	96 561	22 568,899	338 602,266	15,003	14,535	76	99	1 743	24,891	59,548	2,392	1,925
27	50	96 300	21 284,093	316 033,367	14,848	14,381	77	100	1 125	15,189	34,657	2,282	1,814
28	51	96 014	20 067,068	294 749,274	14,688	14,221							
29	52	95 715	18 916,955	274 682,206	14,520	14,053							
30	53	95 389	17 827,332	255 765,251	14,347	13,879							
31	54	95 036	16 795,597	237 937,919	14,167	13,699							
32	55	94 663	15 820,023	221 142,322	13,979	13,511							
33	56	94 252	14 894,886	205 322,298	13,785	13,317							
34	57	93 826	14 021,385	190 427,412	13,581	13,114							
35	58	93 363	13 193,614	176 406,027	13,371	12,903							
36	59	92 857	12 408,595	163 212,413	13,153	12,686							
37	60	92 329	11 667,174	150 803,818	12,925	12,458							
38	61	91 734	10 961,626	139 136,644	12,693	12,225							
39	62	91 114	10 295,574	128 175,018	12,450	11,982							
40	63	90 436	9 663,321	117 879,444	12,199	11,731							
41	64	89 710	9 064,579	108 216,123	11,938	11,471							
42	65	88 933	8 497,385	99 151,544	11,668	11,201							
43	66	88 102	7 960,282	90 654,159	11,388	10,921							
44	67	87 210	7 451,222	82 693,877	11,098	10,630							
45	68	86 239	6 967,661	75 242,655	10,799	10,331							
46	69	85 188	6 508,539	68 274,994	10,490	10,022							
47	70	84 022	6 070,378	61 766,455	10,175	9,707							
48	71	82 761	5 654,180	55 696,077	9,850	9,383							
49	72	81 369	5 256,771	50 041,898	9,520	9,052							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 722 350,540	17,337	16,869	50	74	78 414	4 790,442	42 550,532	8,882	8,415
1	25	98 922	93 543,153	1 623 002,618	17,350	16,883	51	75	76 570	4 423,454	37 760,090	8,536	8,069
2	26	98 865	88 405,692	1 529 459,465	17,300	16,833	52	76	74 505	4 070,100	33 336,636	8,191	7,723
3	27	98 819	83 560,342	1 441 053,772	17,246	16,778	53	77	72 234	3 731,506	29 266,537	7,843	7,376
4	28	98 779	78 984,548	1 357 493,430	17,187	16,719	54	78	69 740	3 406,784	25 535,031	7,495	7,028
5	29	98 739	74 659,721	1 278 508,882	17,124	16,657	55	79	66 989	3 094,445	22 128,247	7,151	6,683
6	30	98 700	70 572,460	1 203 849,161	17,058	16,591	56	80	64 029	2 796,880	19 033,802	6,805	6,338
7	31	98 663	66 709,839	1 133 276,701	16,988	16,521	57	81	60 795	2 511,244	16 236,921	6,466	5,998
8	32	98 621	63 055,924	1 066 566,862	16,915	16,447	58	82	57 326	2 239,184	13 725,678	6,130	5,662
9	33	98 577	59 600,970	1 003 510,938	16,837	16,370	59	83	53 588	1 979,359	11 486,494	5,803	5,336
10	34	98 533	56 335,028	943 909,968	16,755	16,288	60	84	49 626	1 733,352	9 507,135	5,485	5,017
11	35	98 484	53 245,514	887 574,940	16,669	16,202	61	85	45 467	1 501,739	7 773,783	5,177	4,709
12	36	98 433	50 324,017	834 329,427	16,579	16,112	62	86	41 121	1 284,355	6 272,044	4,883	4,416
13	37	98 377	47 560,558	784 005,410	16,484	16,017	63	87	36 690	1 083,650	4 987,689	4,603	4,135
14	38	98 316	44 946,899	736 444,852	16,385	15,917	64	88	32 057	895,316	3 904,039	4,361	3,893
15	39	98 242	42 470,914	691 497,952	16,282	15,814	65	89	27 632	729,772	3 008,724	4,123	3,655
16	40	98 153	40 125,361	649 027,038	16,175	15,707	66	90	23 399	584,386	2 278,951	3,900	3,432
17	41	98 054	37 905,315	608 901,677	16,064	15,596	67	91	19 599	462,869	1 694,565	3,661	3,193
18	42	97 939	35 802,255	570 996,363	15,949	15,481	68	92	15 914	355,391	1 231,697	3,466	2,998
19	43	97 792	33 804,737	535 194,108	15,832	15,364	69	93	12 653	267,200	876,306	3,280	2,812
20	44	97 636	31 915,499	501 389,371	15,710	15,242	70	94	9 818	196,066	609,106	3,107	2,639
21	45	97 467	30 128,003	469 473,871	15,583	15,115	71	95	7 426	140,228	413,040	2,945	2,478
22	46	97 280	28 435,259	439 345,868	15,451	14,983	72	96	5 466	97,601	272,812	2,795	2,328
23	47	97 075	26 832,325	410 910,609	15,314	14,846	73	97	3 906	65,953	175,211	2,657	2,189
24	48	96 853	25 315,374	384 078,284	15,172	14,704	74	98	2 707	43,226	109,258	2,528	2,060
25	49	96 618	23 880,764	358 762,910	15,023	14,556	75	99	1 815	27,411	66,032	2,409	1,941
26	50	96 359	22 521,683	334 882,146	14,869	14,402	76	100	1 177	16,804	38,621	2,298	1,831
27	51	96 075	21 234,364	312 360,463	14,710	14,243							
28	52	95 775	20 017,085	291 126,099	14,544	14,076							
29	53	95 450	18 864,540	271 109,014	14,371	13,904							
30	54	95 099	17 773,151	252 244,475	14,192	13,725							
31	55	94 733	16 742,084	234 471,324	14,005	13,537							
32	56	94 322	15 763,110	217 729,240	13,813	13,345							
33	57	93 894	14 838,391	201 966,130	13,611	13,143							
34	58	93 439	13 963,529	187 127,738	13,401	12,934							
35	59	92 938	13 133,456	173 164,209	13,185	12,717							
36	60	92 414	12 349,302	160 030,753	12,959	12,491							
37	61	91 824	11 603,380	147 681,451	12,727	12,260							
38	62	91 212	10 899,304	136 078,071	12,485	12,017							
39	63	90 542	10 230,971	125 178,767	12,235	11,768							
40	64	89 833	9 598,880	114 947,795	11,975	11,508							
41	65	89 065	8 999,352	105 348,916	11,706	11,239							
42	66	88 244	8 431,595	96 349,564	11,427	10,960							
43	67	87 378	7 894,850	87 917,969	11,136	10,669							
44	68	86 423	7 384,015	80 023,119	10,837	10,370							
45	69	85 394	6 899,411	72 639,104	10,528	10,061							
46	70	84 254	6 437,156	65 739,693	10,213	9,745							
47	71	83 018	5 997,848	59 302,537	9,887	9,420							
48	72	81 657	5 578,736	53 304,689	9,555	9,087							
49	73	80 110	5 175,421	47 725,954	9,222	8,754							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 717 677,803	17,293	16,826	50	75	76 899	4 697,871	40 249,591	8,568	8,100
1	26	98 900	93 522,308	1 618 352,468	17,304	16,837	51	76	74 864	4 324,894	35 551,719	8,220	7,753
2	27	98 838	88 382,074	1 524 830,160	17,253	16,785	52	77	72 616	3 966,932	31 226,825	7,872	7,404
3	28	98 794	83 538,773	1 436 448,086	17,195	16,727	53	78	70 143	3 623,463	27 259,893	7,523	7,056
4	29	98 753	78 964,033	1 352 909,313	17,133	16,666	54	79	67 421	3 293,481	23 636,430	7,177	6,709
5	30	98 712	74 639,013	1 273 945,280	17,068	16,601	55	80	64 474	2 978,247	20 342,950	6,831	6,363
6	31	98 673	70 553,093	1 199 306,267	16,999	16,531	56	81	61 252	2 675,571	17 364,703	6,490	6,023
7	32	98 630	66 688,090	1 128 753,175	16,926	16,458	57	82	57 786	2 386,948	14 689,132	6,154	5,686
8	33	98 587	63 034,085	1 062 065,085	16,849	16,381	58	83	54 066	2 111,846	12 302,184	5,825	5,358
9	34	98 542	59 579,406	999 031,000	16,768	16,300	59	84	50 107	1 850,782	10 190,338	5,506	5,038
10	35	98 493	56 312,166	939 451,593	16,683	16,215	60	85	45 954	1 605,108	8 339,556	5,196	4,728
11	36	98 442	53 222,823	883 139,427	16,593	16,126	61	86	41 589	1 373,648	6 734,448	4,903	4,435
12	37	98 387	50 300,550	829 916,605	16,499	16,032	62	87	37 147	1 160,223	5 360,800	4,620	4,153
13	38	98 325	47 535,508	779 616,055	16,401	15,933	63	88	32 483	959,397	4 200,577	4,378	3,911
14	39	98 258	44 920,400	732 080,547	16,297	15,830	64	89	28 035	782,988	3 241,180	4,140	3,672
15	40	98 173	42 441,046	687 160,147	16,191	15,723	65	90	23 770	627,773	2 458,192	3,916	3,448
16	41	98 083	40 096,760	644 719,100	16,079	15,612	66	91	19 932	497,782	1 830,419	3,677	3,210
17	42	97 973	37 873,816	604 622,340	15,964	15,497	67	92	16 206	382,726	1 332,637	3,482	3,014
18	43	97 847	35 768,388	566 748,524	15,845	15,377	68	93	12 906	288,228	949,912	3,296	2,828
19	44	97 689	33 769,055	530 980,137	15,724	15,256	69	94	10 035	211,921	661,684	3,122	2,655
20	45	97 525	31 879,408	497 211,082	15,597	15,129	70	95	7 605	151,874	449,763	2,961	2,494
21	46	97 335	30 087,253	465 331,674	15,466	14,998	71	96	5 611	105,950	297,889	2,812	2,344
22	47	97 130	28 391,158	435 244,420	15,330	14,863	72	97	4 023	71,835	191,939	2,672	2,204
23	48	96 906	26 785,760	406 853,262	15,189	14,722	73	98	2 797	47,225	120,104	2,543	2,076
24	49	96 674	25 268,465	380 067,502	15,041	14,574	74	99	1 883	30,073	72,878	2,423	1,956
25	50	96 416	23 830,804	354 799,037	14,888	14,421	75	100	1 226	18,505	42,805	2,313	1,846
26	51	96 133	22 469,062	330 968,233	14,730	14,262							
27	52	95 835	21 181,474	308 499,171	14,565	14,097							
28	53	95 509	19 961,621	287 317,697	14,394	13,926							
29	54	95 160	18 807,207	267 356,077	14,216	13,748							
30	55	94 796	17 716,523	248 548,870	14,029	13,562							
31	56	94 392	16 681,854	230 832,347	13,837	13,370							
32	57	93 964	15 703,322	214 150,493	13,637	13,170							
33	58	93 507	14 777,164	198 447,171	13,429	12,962							
34	59	93 013	13 899,860	183 670,007	13,214	12,746							
35	60	92 494	13 070,700	169 770,146	12,989	12,521							
36	61	91 908	12 281,778	156 699,446	12,759	12,291							
37	62	91 302	11 537,409	144 417,669	12,517	12,050							
38	63	90 640	10 830,913	132 880,260	12,269	11,801							
39	64	89 939	10 162,745	122 049,346	12,009	11,542							
40	65	89 187	9 529,808	111 886,601	11,741	11,273							
41	66	88 375	8 929,675	102 356,794	11,463	10,995							
42	67	87 519	8 362,289	93 427,118	11,172	10,705							
43	68	86 589	7 823,641	85 064,829	10,873	10,405							
44	69	85 576	7 311,687	77 241,188	10,564	10,096							
45	70	84 458	6 823,741	69 929,501	10,248	9,780							
46	71	83 247	6 360,243	63 105,760	9,922	9,454							
47	72	81 910	5 917,819	56 745,517	9,589	9,121							
48	73	80 393	5 492,404	50 827,698	9,254	8,787							
49	74	78 721	5 085,703	45 335,294	8,914	8,447							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	5 693,616	75 863,189	13,324	12,857
1	0	99 594	94 178,543	1 680 643,315	17,845	17,378	51	50	92 606	5 349,819	70 169,573	13,116	12,649
2	1	99 240	88 741,176	1 586 464,772	17,877	17,410	52	51	91 946	5 022,879	64 819,754	12,905	12,437
3	2	99 192	83 875,998	1 497 723,596	17,856	17,389	53	52	91 234	4 713,017	59 796,876	12,688	12,220
4	3	99 162	79 290,604	1 413 847,599	17,831	17,364	54	53	90 460	4 418,906	55 083,858	12,465	11,998
5	4	99 133	74 957,741	1 334 556,995	17,804	17,337	55	54	89 607	4 139,239	50 664,953	12,240	11,773
6	5	99 110	70 865,329	1 259 599,254	17,775	17,307	56	55	88 705	3 874,787	46 525,714	12,007	11,540
7	6	99 090	66 999,005	1 188 733,925	17,743	17,275	57	56	87 728	3 623,723	42 650,927	11,770	11,302
8	7	99 073	63 344,827	1 121 734,920	17,708	17,241	58	57	86 699	3 386,503	39 027,205	11,524	11,057
9	8	99 055	59 889,783	1 058 390,093	17,672	17,205	59	58	85 578	3 160,953	35 640,701	11,275	10,808
10	9	99 040	56 624,985	998 500,311	17,634	17,166	60	59	84 370	2 946,896	32 479,748	11,022	10,554
11	10	99 025	53 537,899	941 875,325	17,593	17,125	61	60	83 076	2 743,941	29 532,853	10,763	10,295
12	11	99 008	50 617,854	888 337,427	17,550	17,082	62	61	81 693	2 551,544	26 788,912	10,499	10,032
13	12	98 989	47 856,776	837 719,573	17,505	17,037	63	62	80 230	2 369,595	24 237,368	10,228	9,761
14	13	98 973	45 247,204	789 862,796	17,457	16,989	64	63	78 680	2 197,447	21 867,772	9,951	9,484
15	14	98 947	42 775,690	744 615,592	17,407	16,940	65	64	77 032	2 034,440	19 670,325	9,669	9,201
16	15	98 915	40 436,739	701 839,902	17,356	16,889	66	65	75 285	1 880,208	17 635,885	9,380	8,912
17	16	98 872	38 221,530	661 403,163	17,304	16,837	67	66	73 457	1 734,799	15 755,677	9,082	8,615
18	17	98 823	36 125,142	623 181,633	17,251	16,783	68	67	71 540	1 597,656	14 020,878	8,776	8,308
19	18	98 750	34 135,913	587 056,491	17,198	16,730	69	68	69 501	1 467,737	12 423,222	8,464	7,997
20	19	98 675	32 255,173	552 920,578	17,142	16,674	70	69	67 333	1 344,626	10 955,486	8,148	7,680
21	20	98 595	30 476,569	520 665,405	17,084	16,617	71	70	65 024	1 227,904	9 610,859	7,827	7,359
22	21	98 518	28 797,122	490 188,836	17,022	16,555	72	71	62 587	1 117,627	8 382,955	7,501	7,033
23	22	98 442	27 210,116	461 391,714	16,957	16,489	73	72	59 955	1 012,421	7 265,328	7,176	6,709
24	23	98 365	25 710,526	434 181,598	16,887	16,420	74	73	57 135	912,340	6 252,907	6,854	6,386
25	24	98 286	24 293,020	408 471,072	16,814	16,347	75	74	54 118	817,176	5 340,568	6,535	6,068
26	25	98 205	22 953,289	384 178,052	16,737	16,270	76	75	50 964	727,711	4 523,391	6,216	5,748
27	26	98 123	21 687,148	361 224,764	16,656	16,189	77	76	47 628	643,098	3 795,680	5,902	5,435
28	27	98 035	20 489,486	339 537,616	16,571	16,104	78	77	44 114	563,259	3 152,582	5,597	5,129
29	28	97 949	19 358,395	319 048,131	16,481	16,014	79	78	40 454	488,435	2 589,323	5,301	4,834
30	29	97 861	18 289,282	299 689,736	16,386	15,919	80	79	36 739	419,465	2 100,888	5,008	4,541
31	30	97 768	17 278,547	281 400,454	16,286	15,819	81	80	32 958	355,839	1 681,423	4,725	4,258
32	31	97 669	16 322,460	264 121,907	16,182	15,714	82	81	29 168	297,797	1 325,584	4,451	3,984
33	32	97 564	15 418,399	247 799,447	16,072	15,604	83	82	25 442	245,627	1 027,787	4,184	3,717
34	33	97 460	14 564,411	232 381,049	15,955	15,488	84	83	21 828	199,282	782,160	3,925	3,457
35	34	97 346	13 756,386	217 816,637	15,834	15,366	85	84	18 364	158,535	582,878	3,677	3,209
36	35	97 222	12 991,870	204 060,251	15,707	15,239	86	85	15 087	123,164	424,343	3,445	2,978
37	36	97 092	12 269,018	191 068,381	15,573	15,106	87	86	12 066	93,150	301,179	3,233	2,766
38	37	96 951	11 585,045	178 799,363	15,434	14,966	88	87	9 354	68,282	208,029	3,047	2,579
39	38	96 796	10 937,567	167 214,318	15,288	14,820	89	88	7 032	48,543	139,747	2,879	2,411
40	39	96 625	10 324,621	156 276,751	15,136	14,669	90	89	5 139	33,547	91,205	2,719	2,251
41	40	96 425	9 743,067	145 952,130	14,980	14,513	91	90	3 670	22,655	57,658	2,545	2,078
42	41	96 213	9 193,059	136 209,063	14,817	14,349	92	91	2 519	14,704	35,003	2,381	1,913
43	42	95 978	8 671,969	127 016,004	14,647	14,179	93	92	1 630	8,999	20,299	2,256	1,788
44	43	95 703	8 176,931	118 344,034	14,473	14,005	94	93	1 013	5,285	11,300	2,138	1,670
45	44	95 399	7 707,723	110 167,103	14,293	13,826	95	94	600	2,961	6,014	2,031	1,563
46	45	95 061	7 262,836	102 459,380	14,107	13,640	96	95	338	1,579	3,053	1,934	1,466
47	46	94 671	6 839,748	95 196,544	13,918	13,451	97	96	181	0,799	1,474	1,845	1,378
48	47	94 232	6 437,840	88 356,796	13,725	13,257	98	97	92	0,383	0,675	1,765	1,297
49	48	93 736	6 055,766	81 918,955	13,527	13,060	99	98	44	0,173	0,293	1,692	1,224
							100	99	20	0,074	0,120	1,626	1,158

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	5 704,186	76 387,173	13,391	12,924
1							51	49	92 800	5 361,034	70 682,987	13,185	12,717
2	0	99 558	89 026,025	1 587 578,993	17,833	17,365	52	50	92 161	5 034,642	65 321,953	12,974	12,507
3	1	99 221	83 899,853	1 498 552,968	17,861	17,394	53	51	91 462	4 724,786	60 287,310	12,760	12,292
4	2	99 178	79 303,389	1 414 653,114	17,838	17,371	54	52	90 711	4 431,184	55 562,525	12,539	12,071
5	3	99 147	74 968,490	1 335 349,726	17,812	17,345	55	53	89 880	4 151,857	51 131,341	12,315	11,848
6	4	99 122	70 873,823	1 260 381,236	17,783	17,316	56	54	88 989	3 887,172	46 979,484	12,086	11,618
7	5	99 099	67 005,067	1 189 507,413	17,752	17,285	57	55	88 044	3 636,806	43 092,313	11,849	11,381
8	6	99 081	63 349,906	1 122 502,346	17,719	17,252	58	56	87 029	3 399,397	39 455,506	11,607	11,139
9	7	99 063	59 894,787	1 059 152,440	17,684	17,216	59	57	85 932	3 174,050	36 056,109	11,360	10,892
10	8	99 046	56 628,503	999 257,654	17,646	17,178	60	58	84 756	2 960,394	32 882,059	11,107	10,640
11	9	99 031	53 541,298	942 629,151	17,606	17,138	61	59	83 475	2 757,115	29 921,665	10,853	10,385
12	10	99 016	50 621,932	889 087,853	17,563	17,096	62	60	82 142	2 565,572	27 164,550	10,588	10,121
13	11	98 997	47 860,578	838 465,921	17,519	17,051	63	61	80 689	2 383,145	24 598,978	10,322	9,854
14	12	98 981	45 250,673	790 605,344	17,472	17,004	64	62	79 176	2 211,323	22 215,833	10,046	9,579
15	13	98 957	42 779,898	745 354,671	17,423	16,955	65	63	77 549	2 048,098	20 004,510	9,767	9,300
16	14	98 927	40 441,745	702 574,773	17,373	16,905	66	64	75 831	1 893,835	17 956,412	9,482	9,014
17	15	98 886	38 226,713	662 133,027	17,321	16,854	67	65	74 030	1 748,335	16 062,576	9,187	8,720
18	16	98 839	36 130,950	623 906,315	17,268	16,800	68	66	72 133	1 610,897	14 314,241	8,886	8,418
19	17	98 768	34 141,906	587 775,365	17,216	16,748	69	67	70 134	1 481,095	12 703,344	8,577	8,109
20	18	98 697	32 262,221	553 633,458	17,160	16,693	70	68	67 999	1 357,927	11 222,248	8,264	7,797
21	19	98 616	30 483,125	521 371,238	17,104	16,636	71	69	65 745	1 241,521	9 864,321	7,945	7,478
22	20	98 539	28 803,199	490 888,113	17,043	16,575	72	70	63 344	1 131,142	8 622,800	7,623	7,156
23	21	98 463	27 215,999	462 084,915	16,978	16,511	73	71	60 766	1 026,112	7 491,658	7,301	6,833
24	22	98 387	25 716,435	434 868,916	16,910	16,443	74	72	58 033	926,680	6 465,546	6,977	6,510
25	23	98 308	24 298,547	409 152,481	16,839	16,371	75	73	55 073	831,592	5 538,866	6,661	6,193
26	24	98 228	22 958,508	384 853,934	16,763	16,295	76	74	51 969	742,051	4 707,273	6,344	5,876
27	25	98 145	21 691,982	361 895,426	16,683	16,216	77	75	48 714	657,753	3 965,223	6,028	5,561
28	26	98 061	20 494,961	340 203,444	16,599	16,132	78	76	45 261	577,907	3 307,469	5,723	5,256
29	27	97 974	19 363,393	319 708,483	16,511	16,043	79	77	41 660	502,999	2 729,562	5,427	4,959
30	28	97 886	18 294,034	300 345,090	16,418	15,950	80	78	38 003	433,895	2 226,563	5,132	4,664
31	29	97 796	17 283,341	282 051,056	16,319	15,852	81	79	34 244	369,722	1 792,668	4,849	4,381
32	30	97 696	16 326,940	264 767,716	16,217	15,749	82	80	30 491	311,299	1 422,945	4,571	4,103
33	31	97 596	15 423,427	248 440,775	16,108	15,640	83	81	26 767	258,417	1 111,646	4,302	3,834
34	32	97 494	14 569,457	233 017,348	15,994	15,526	84	82	23 144	211,298	853,228	4,038	3,570
35	33	97 381	13 761,365	218 447,891	15,874	15,406	85	83	19 639	169,549	641,930	3,786	3,319
36	34	97 262	12 997,144	204 686,526	15,749	15,281	86	84	16 292	133,005	472,381	3,552	3,084
37	35	97 133	12 274,249	191 689,382	15,617	15,150	87	85	13 191	101,836	339,377	3,333	2,865
38	36	96 996	11 590,450	179 415,133	15,480	15,012	88	86	10 354	75,587	237,541	3,143	2,675
39	37	96 847	10 943,331	167 824,683	15,336	14,868	89	87	7 943	54,829	161,954	2,954	2,486
40	38	96 682	10 330,712	156 881,352	15,186	14,718	90	88	5 876	38,360	107,124	2,793	2,325
41	39	96 493	9 749,924	146 550,641	15,031	14,563	91	89	4 266	26,336	68,765	2,611	2,144
42	40	96 282	9 199,617	136 800,717	14,870	14,403	92	90	2 957	17,262	42,429	2,458	1,990
43	41	96 058	8 679,182	127 601,100	14,702	14,234	93	91	1 972	10,884	25,167	2,312	1,845
44	42	95 794	8 184,674	118 921,918	14,530	14,062	94	92	1 249	6,517	14,283	2,192	1,724
45	43	95 500	7 715,868	110 737,245	14,352	13,884	95	93	756	3,734	7,766	2,080	1,612
46	44	95 169	7 271,058	103 021,377	14,169	13,701	96	94	437	2,038	4,032	1,978	1,511
47	45	94 799	6 849,012	95 750,319	13,980	13,513	97	95	240	1,057	1,994	1,886	1,418
48	46	94 378	6 447,840	88 901,307	13,788	13,320	98	96	125	0,520	0,936	1,802	1,334
49	47	93 899	6 066,294	82 453,466	13,592	13,124	99	97	61	0,241	0,417	1,725	1,258
							100	98	28	0,106	0,175	1,656	1,189

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	5 714,102	76 870,600	13,453	12,985
1							51	48	92 972	5 370,987	71 156,498	13,248	12,781
2							52	49	92 354	5 045,197	65 785,512	13,039	12,572
3	0	99 539	84 169,162	1 499 584,280	17,816	17,349	53	50	91 676	4 735,851	60 740,315	12,826	12,358
4	1	99 206	79 325,943	1 415 415,118	17,843	17,375	54	51	90 938	4 442,248	56 004,464	12,607	12,140
5	2	99 163	74 980,578	1 336 089,175	17,819	17,352	55	52	90 130	4 163,393	51 562,216	12,385	11,917
6	3	99 136	70 883,987	1 261 108,596	17,791	17,324	56	53	89 260	3 899,022	47 398,822	12,157	11,689
7	4	99 111	67 013,098	1 190 224,610	17,761	17,293	57	54	88 326	3 648,431	43 499,801	11,923	11,455
8	5	99 090	63 355,637	1 123 211,512	17,729	17,261	58	55	87 343	3 411,670	39 851,370	11,681	11,213
9	6	99 071	59 899,589	1 059 855,875	17,694	17,226	59	56	86 259	3 186,135	36 439,700	11,437	10,969
10	7	99 055	56 633,234	999 956,286	17,657	17,189	60	57	85 107	2 972,660	33 253,565	11,186	10,719
11	8	99 038	53 544,623	943 323,052	17,618	17,150	61	58	83 858	2 769,744	30 280,905	10,933	10,465
12	9	99 022	50 625,146	889 778,428	17,576	17,108	62	59	82 537	2 577,891	27 511,161	10,672	10,204
13	10	99 005	47 864,434	839 153,282	17,532	17,064	63	60	81 133	2 396,247	24 933,270	10,405	9,938
14	11	98 989	45 254,267	791 288,849	17,485	17,018	64	61	79 629	2 223,967	22 537,023	10,134	9,666
15	12	98 964	42 783,178	746 034,582	17,438	16,970	65	62	78 039	2 061,031	20 313,056	9,856	9,388
16	13	98 937	40 445,724	703 251,404	17,388	16,920	66	63	76 340	1 906,550	18 252,025	9,573	9,106
17	14	98 898	38 231,445	662 805,680	17,337	16,869	67	64	74 567	1 761,007	16 345,475	9,282	8,814
18	15	98 852	36 135,849	624 574,235	17,284	16,816	68	65	72 696	1 623,467	14 584,469	8,984	8,516
19	16	98 784	34 147,396	588 438,386	17,232	16,765	69	66	70 715	1 493,371	12 961,002	8,679	8,211
20	17	98 714	32 267,885	554 290,990	17,178	16,710	70	67	68 618	1 370,287	11 467,631	8,369	7,901
21	18	98 638	30 489,785	522 023,105	17,121	16,654	71	68	66 395	1 253,802	10 097,344	8,053	7,586
22	19	98 560	28 809,394	491 533,320	17,062	16,594	72	69	64 046	1 143,686	8 843,542	7,732	7,265
23	20	98 484	27 221,742	462 723,926	16,998	16,531	73	70	61 501	1 038,521	7 699,857	7,414	6,947
24	21	98 409	25 721,995	435 502,184	16,931	16,464	74	71	58 818	939,212	6 661,336	7,092	6,625
25	22	98 331	24 304,132	409 780,189	16,861	16,393	75	72	55 939	844,664	5 722,124	6,774	6,307
26	23	98 250	22 963,731	385 476,057	16,786	16,319	76	73	52 886	755,141	4 877,460	6,459	5,991
27	24	98 168	21 696,914	362 512,326	16,708	16,240	77	74	49 674	670,714	4 122,319	6,146	5,679
28	25	98 083	20 499,529	340 815,411	16,626	16,158	78	75	46 293	591,077	3 451,605	5,840	5,372
29	26	98 001	19 368,568	320 315,882	16,538	16,070	79	76	42 743	516,081	2 860,527	5,543	5,075
30	27	97 911	18 298,757	300 947,315	16,446	15,979	80	77	39 136	446,833	2 344,447	5,247	4,779
31	28	97 821	17 287,831	282 648,557	16,350	15,882	81	78	35 422	382,442	1 897,614	4,962	4,494
32	29	97 723	16 331,470	265 360,726	16,248	15,781	82	79	31 680	323,445	1 515,172	4,684	4,217
33	30	97 623	15 427,661	249 029,256	16,142	15,674	83	80	27 980	270,134	1 191,727	4,412	3,944
34	31	97 525	14 574,209	233 601,595	16,028	15,561	84	81	24 350	222,301	921,593	4,146	3,678
35	32	97 415	13 766,133	219 027,387	15,911	15,443	85	82	20 824	179,772	699,292	3,890	3,422
36	33	97 297	13 001,848	205 261,254	15,787	15,320	86	83	17 424	142,245	519,520	3,652	3,185
37	34	97 173	12 279,232	192 259,406	15,657	15,190	87	84	14 245	109,972	377,275	3,431	2,963
38	35	97 038	11 595,391	179 980,173	15,522	15,054	88	85	11 320	82,636	267,303	3,235	2,767
39	36	96 892	10 948,436	168 384,782	15,380	14,912	89	86	8 792	60,695	184,667	3,043	2,575
40	37	96 733	10 336,156	157 436,346	15,232	14,764	90	87	6 637	43,328	123,972	2,861	2,394
41	38	96 550	9 755,676	147 100,190	15,078	14,611	91	88	4 878	30,114	80,644	2,678	2,210
42	39	96 350	9 206,091	137 344,515	14,919	14,451	92	89	3 438	20,067	50,531	2,518	2,051
43	40	96 127	8 685,373	128 138,424	14,753	14,286	93	90	2 315	12,778	30,463	2,384	1,917
44	41	95 874	8 191,481	119 453,051	14,583	14,115	94	91	1 510	7,882	17,686	2,244	1,776
45	42	95 590	7 723,174	111 261,571	14,406	13,939	95	92	933	4,604	9,804	2,129	1,662
46	43	95 269	7 278,741	103 538,397	14,225	13,757	96	93	551	2,570	5,200	2,023	1,556
47	44	94 907	6 856,766	96 259,656	14,039	13,571	97	94	309	1,365	2,630	1,927	1,459
48	45	94 506	6 456,573	89 402,890	13,847	13,379	98	95	165	0,688	1,265	1,839	1,372
49	46	94 045	6 075,717	82 946,317	13,652	13,185	99	96	83	0,328	0,577	1,760	1,292
							100	97	40	0,148	0,249	1,687	1,220

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	5 722,978	77 315,953	13,510	13,042
1							51	47	93 134	5 380,324	71 592,975	13,306	12,839
2							52	48	92 526	5 054,563	66 212,651	13,100	12,632
3							53	49	91 869	4 745,779	61 158,088	12,887	12,419
4	0	99 524	79 580,571	1 416 369,390	17,798	17,330	54	50	91 150	4 452,652	56 412,309	12,669	12,202
5	1	99 191	75 001,904	1 336 788,819	17,823	17,356	55	51	90 355	4 173,789	51 959,657	12,449	11,981
6	2	99 152	70 895,416	1 261 786,916	17,798	17,330	56	52	89 508	3 909,855	47 785,868	12,222	11,754
7	3	99 125	67 022,708	1 190 891,500	17,768	17,301	57	53	88 595	3 659,553	43 876,013	11,989	11,522
8	4	99 102	63 363,231	1 123 868,792	17,737	17,269	58	54	87 622	3 422,575	40 216,460	11,750	11,283
9	5	99 080	59 905,008	1 060 505,560	17,703	17,236	59	55	86 571	3 197,638	36 793,885	11,507	11,039
10	6	99 063	56 637,775	1 000 600,552	17,667	17,199	60	56	85 432	2 983,978	33 596,247	11,259	10,791
11	7	99 046	53 549,097	943 962,777	17,628	17,160	61	57	84 205	2 781,220	30 612,269	11,007	10,539
12	8	99 028	50 628,290	890 413,680	17,587	17,120	62	58	82 915	2 589,699	27 831,048	10,747	10,279
13	9	99 011	47 867,472	839 785,390	17,544	17,076	63	59	81 522	2 407,752	25 241,350	10,483	10,016
14	10	98 996	45 257,913	791 917,917	17,498	17,030	64	60	80 067	2 236,194	22 833,598	10,211	9,743
15	11	98 972	42 786,576	746 660,004	17,451	16,983	65	61	78 485	2 072,816	20 597,403	9,937	9,469
16	12	98 945	40 448,825	703 873,429	17,402	16,934	66	62	76 822	1 918,588	18 524,587	9,655	9,188
17	13	98 908	38 235,207	663 424,604	17,351	16,884	67	63	75 068	1 772,829	16 605,999	9,367	8,899
18	14	98 864	36 140,323	625 189,397	17,299	16,831	68	64	73 223	1 635,234	14 833,170	9,071	8,603
19	15	98 797	34 152,026	589 049,074	17,248	16,780	69	65	71 267	1 505,023	13 197,936	8,769	8,302
20	16	98 730	32 273,073	554 897,049	17,194	16,726	70	66	69 187	1 381,644	11 692,913	8,463	7,995
21	17	98 655	30 495,138	522 623,976	17,138	16,670	71	67	66 999	1 265,214	10 311,269	8,150	7,682
22	18	98 582	28 815,689	492 128,838	17,079	16,611	72	68	64 680	1 154,999	9 046,056	7,832	7,365
23	19	98 505	27 227,598	463 313,149	17,016	16,549	73	69	62 183	1 050,037	7 891,057	7,515	7,047
24	20	98 430	25 727,423	436 085,551	16,950	16,483	74	70	59 529	950,570	6 841,020	7,197	6,729
25	21	98 352	24 309,386	410 358,129	16,881	16,413	75	71	56 695	856,086	5 890,450	6,881	6,413
26	22	98 273	22 969,010	386 048,742	16,807	16,340	76	72	53 717	767,011	5 034,363	6,564	6,096
27	23	98 190	21 701,851	363 079,733	16,730	16,263	77	73	50 550	682,546	4 267,352	6,252	5,785
28	24	98 105	20 504,191	341 377,882	16,649	16,182	78	74	47 205	602,724	3 584,806	5,948	5,480
29	25	98 022	19 372,885	320 873,691	16,563	16,095	79	75	43 717	527,842	2 982,081	5,650	5,182
30	26	97 937	18 303,647	301 500,806	16,472	16,005	80	76	40 154	458,454	2 454,240	5,353	4,886
31	27	97 846	17 292,295	283 197,159	16,377	15,909	81	77	36 478	393,845	1 995,786	5,067	4,600
32	28	97 749	16 335,713	265 904,865	16,278	15,810	82	78	32 770	334,572	1 601,941	4,788	4,320
33	29	97 650	15 431,941	249 569,152	16,172	15,705	83	79	29 072	280,673	1 267,369	4,515	4,048
34	30	97 552	14 578,210	234 137,211	16,061	15,593	84	80	25 454	232,380	986,695	4,246	3,778
35	31	97 447	13 770,622	219 559,001	15,944	15,476	85	81	21 908	189,133	754,315	3,988	3,521
36	32	97 331	13 006,353	205 788,378	15,822	15,355	86	82	18 475	150,822	565,182	3,747	3,280
37	33	97 208	12 283,676	192 782,026	15,694	15,227	87	83	15 235	117,612	414,360	3,523	3,056
38	34	97 077	11 600,099	180 498,349	15,560	15,092	88	84	12 224	89,238	296,748	3,325	2,858
39	35	96 933	10 953,104	168 898,250	15,420	14,953	89	85	9 612	66,355	207,510	3,127	2,660
40	36	96 778	10 340,978	157 945,147	15,274	14,806	90	86	7 348	47,963	141,155	2,943	2,475
41	37	96 601	9 760,817	147 604,169	15,122	14,655	91	87	5 510	34,014	93,192	2,740	2,272
42	38	96 407	9 211,522	137 843,352	14,964	14,497	92	88	3 931	22,946	59,178	2,579	2,111
43	39	96 194	8 691,485	128 631,830	14,800	14,332	93	89	2 691	14,854	36,232	2,439	1,972
44	40	95 942	8 197,324	119 940,345	14,632	14,164	94	90	1 773	9,253	21,378	2,310	1,843
45	41	95 670	7 729,597	111 743,022	14,457	13,989	95	91	1 128	5,568	12,125	2,178	1,710
46	42	95 360	7 285,633	104 013,425	14,277	13,809	96	92	679	3,169	6,557	2,069	1,602
47	43	95 007	6 864,011	96 727,793	14,092	13,624	97	93	390	1,721	3,388	1,969	1,501
48	44	94 613	6 463,883	89 863,781	13,902	13,435	98	94	213	0,888	1,667	1,878	1,410
49	45	94 172	6 083,945	83 399,898	13,708	13,241	99	95	110	0,434	0,779	1,795	1,327
							100	96	54	0,201	0,345	1,719	1,252



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	5 730,729	77 725,494	13,563	13,095
1							51	46	93 279	5 388,681	71 994,764	13,360	12,893
2							52	47	92 687	5 063,350	66 606,083	13,155	12,687
3							53	48	92 039	4 754,589	61 542,733	12,944	12,476
4							54	49	91 342	4 461,987	56 788,144	12,727	12,260
5	0	99 510	75 242,651	1 337 671,587	17,778	17,311	55	50	90 566	4 183,564	52 326,157	12,508	12,040
6	1	99 180	70 915,580	1 262 428,936	17,802	17,334	56	51	89 731	3 919,618	48 142,594	12,282	11,815
7	2	99 141	67 033,515	1 191 513,357	17,775	17,307	57	52	88 841	3 669,721	44 222,976	12,051	11,583
8	3	99 116	63 372,318	1 124 479,842	17,744	17,276	58	53	87 889	3 433,009	40 553,254	11,813	11,345
9	4	99 092	59 912,188	1 061 107,524	17,711	17,243	59	54	86 848	3 207,859	37 120,246	11,572	11,104
10	5	99 072	56 642,899	1 001 195,335	17,676	17,208	60	55	85 740	2 994,752	33 912,387	11,324	10,856
11	6	99 054	53 553,391	944 552,436	17,638	17,170	61	56	84 526	2 791,809	30 917,635	11,074	10,607
12	7	99 036	50 632,520	890 999,046	17,597	17,130	62	57	83 258	2 600,429	28 125,826	10,816	10,348
13	8	99 018	47 870,446	840 366,525	17,555	17,087	63	58	81 896	2 418,781	25 525,397	10,553	10,085
14	9	99 003	45 260,786	792 496,079	17,510	17,042	64	59	80 451	2 246,931	23 106,616	10,284	9,816
15	10	98 980	42 790,023	747 235,293	17,463	16,995	65	60	78 916	2 084,212	20 859,685	10,008	9,541
16	11	98 952	40 452,037	704 445,270	17,414	16,947	66	61	77 261	1 929,559	18 775,473	9,730	9,263
17	12	98 915	38 238,138	663 993,233	17,365	16,897	67	62	75 542	1 784,023	16 845,914	9,443	8,975
18	13	98 874	36 143,878	625 755,095	17,313	16,845	68	63	73 714	1 646,212	15 061,891	9,149	8,682
19	14	98 809	34 156,254	589 611,217	17,262	16,795	69	64	71 784	1 515,932	13 415,679	8,850	8,382
20	15	98 743	32 277,449	555 454,963	17,209	16,741	70	65	69 727	1 392,424	11 899,747	8,546	8,078
21	16	98 671	30 500,041	523 177,514	17,153	16,686	71	66	67 555	1 275,699	10 507,323	8,237	7,769
22	17	98 599	28 820,748	492 677,473	17,095	16,627	72	67	65 268	1 165,511	9 231,624	7,921	7,453
23	18	98 526	27 233,547	463 856,725	17,033	16,565	73	68	62 798	1 060,424	8 066,112	7,606	7,139
24	19	98 451	25 732,957	436 623,179	16,967	16,500	74	69	60 190	961,111	7 005,688	7,289	6,822
25	20	98 373	24 314,516	410 890,222	16,899	16,431	75	70	57 381	866,439	6 044,577	6,976	6,509
26	21	98 294	22 973,975	386 575,705	16,827	16,359	76	71	54 443	777,384	5 178,138	6,661	6,193
27	22	98 212	21 706,839	363 601,730	16,751	16,283	77	72	51 345	693,275	4 400,754	6,348	5,880
28	23	98 128	20 508,856	341 894,891	16,671	16,203	78	73	48 038	613,357	3 707,479	6,045	5,577
29	24	98 045	19 377,290	321 386,036	16,586	16,118	79	74	44 579	538,243	3 094,122	5,749	5,281
30	25	97 959	18 307,727	302 008,745	16,496	16,029	80	75	41 069	468,901	2 555,880	5,451	4,983
31	26	97 872	17 296,916	283 701,018	16,402	15,934	81	76	37 427	404,088	2 086,978	5,165	4,697
32	27	97 774	16 339,931	266 404,103	16,304	15,836	82	77	33 747	344,548	1 682,890	4,884	4,417
33	28	97 676	15 435,950	250 064,172	16,200	15,733	83	78	30 072	290,329	1 338,342	4,610	4,142
34	29	97 579	14 582,254	234 628,221	16,090	15,622	84	79	26 447	241,447	1 048,013	4,341	3,873
35	30	97 473	13 774,403	220 045,967	15,975	15,507	85	80	22 901	197,709	806,566	4,080	3,612
36	31	97 362	13 010,595	206 271,565	15,854	15,387	86	81	19 437	158,676	608,858	3,837	3,370
37	32	97 242	12 287,932	193 260,970	15,728	15,260	87	82	16 154	124,704	450,182	3,610	3,142
38	33	97 112	11 604,297	180 973,038	15,595	15,128	88	83	13 074	95,437	325,478	3,410	2,943
39	34	96 972	10 957,551	169 368,741	15,457	14,989	89	84	10 380	71,657	230,041	3,210	2,743
40	35	96 819	10 345,387	158 411,190	15,312	14,845	90	85	8 033	52,436	158,384	3,021	2,553
41	36	96 646	9 765,370	148 065,803	15,162	14,695	91	86	6 100	37,653	105,948	2,814	2,346
42	37	96 457	9 216,376	138 300,433	15,006	14,538	92	87	4 440	25,918	68,295	2,635	2,168
43	38	96 251	8 696,612	129 084,057	14,843	14,375	93	88	3 077	16,985	42,378	2,495	2,028
44	39	96 009	8 203,093	120 387,445	14,676	14,208	94	89	2 061	10,756	25,393	2,361	1,893
45	40	95 738	7 735,110	112 184,352	14,503	14,036	95	90	1 324	6,537	14,637	2,239	1,772
46	41	95 439	7 291,692	104 449,242	14,324	13,857	96	91	821	3,832	8,100	2,114	1,646
47	42	95 097	6 870,510	97 157,550	14,141	13,674	97	92	481	2,122	4,267	2,011	1,544
48	43	94 713	6 470,713	90 287,040	13,953	13,486	98	93	268	1,120	2,146	1,916	1,449
49	44	94 279	6 090,833	83 816,327	13,761	13,293	99	94	142	0,561	1,026	1,830	1,362
							100	95	71	0,266	0,465	1,752	1,284

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	5 737,217	78 101,216	13,613	13,146
1							51	45	93 405	5 395,979	72 363,998	13,411	12,943
2							52	46	92 831	5 071,215	66 968,019	13,206	12,738
3							53	47	92 199	4 762,855	61 896,804	12,996	12,528
4							54	48	91 511	4 470,270	57 133,949	12,781	12,313
5							55	49	90 756	4 192,334	52 663,679	12,562	12,094
6	0	99 498	71 143,211	1 263 245,429	17,756	17,289	56	50	89 942	3 928,798	48 471,345	12,337	11,870
7	1	99 170	67 052,580	1 192 102,218	17,779	17,311	57	51	89 063	3 678,884	44 542,547	12,108	11,640
8	2	99 132	63 382,536	1 125 049,638	17,750	17,283	58	52	88 134	3 442,547	40 863,663	11,870	11,403
9	3	99 106	59 920,780	1 061 667,102	17,718	17,250	59	53	87 112	3 217,638	37 421,116	11,630	11,162
10	4	99 083	56 649,688	1 001 746,322	17,683	17,216	60	54	86 014	3 004,324	34 203,477	11,385	10,917
11	5	99 063	53 558,236	945 096,634	17,646	17,179	61	55	84 831	2 801,889	31 199,154	11,135	10,667
12	6	99 044	50 636,580	891 538,398	17,607	17,139	62	56	83 575	2 610,329	28 397,264	10,879	10,411
13	7	99 026	47 874,445	840 901,818	17,565	17,097	63	57	82 235	2 428,803	25 786,935	10,617	10,150
14	8	99 009	45 263,598	793 027,372	17,520	17,053	64	58	80 820	2 257,223	23 358,132	10,348	9,881
15	9	98 986	42 792,740	747 763,774	17,474	17,007	65	59	79 295	2 094,219	21 100,909	10,076	9,608
16	10	98 960	40 455,297	704 971,035	17,426	16,958	66	60	77 686	1 940,167	19 006,690	9,796	9,329
17	11	98 923	38 241,175	664 515,738	17,377	16,909	67	61	75 973	1 794,224	17 066,522	9,512	9,044
18	12	98 881	36 146,649	626 274,564	17,326	16,858	68	62	74 180	1 656,607	15 272,298	9,219	8,751
19	13	98 819	34 159,614	590 127,914	17,276	16,808	69	63	72 266	1 526,109	13 615,691	8,922	8,454
20	14	98 755	32 281,445	555 968,300	17,223	16,755	70	64	70 232	1 402,517	12 089,583	8,620	8,152
21	15	98 684	30 504,176	523 686,855	17,168	16,700	71	65	68 082	1 285,654	10 687,066	8,313	7,845
22	16	98 615	28 825,382	493 182,679	17,109	16,642	72	66	65 809	1 175,171	9 401,413	8,000	7,532
23	17	98 544	27 238,328	464 357,297	17,048	16,580	73	67	63 370	1 070,076	8 226,242	7,688	7,220
24	18	98 472	25 738,579	437 118,969	16,983	16,515	74	68	60 785	970,618	7 156,166	7,373	6,905
25	19	98 394	24 319,746	411 380,390	16,915	16,448	75	69	58 017	876,047	6 185,547	7,061	6,593
26	20	98 314	22 978,824	387 060,644	16,844	16,377	76	70	55 102	786,784	5 309,500	6,748	6,281
27	21	98 234	21 711,532	364 081,820	16,769	16,301	77	71	52 039	702,650	4 522,716	6,437	5,969
28	22	98 150	20 513,570	342 370,288	16,690	16,222	78	72	48 793	622,998	3 820,066	6,132	5,664
29	23	98 067	19 381,699	321 856,719	16,606	16,139	79	73	45 365	547,738	3 197,067	5,837	5,369
30	24	97 982	18 311,890	302 475,020	16,518	16,050	80	74	41 878	478,141	2 649,329	5,541	5,073
31	25	97 894	17 300,771	284 163,130	16,425	15,957	81	75	38 280	413,296	2 171,188	5,253	4,786
32	26	97 800	16 344,297	266 862,359	16,328	15,860	82	76	34 625	353,509	1 757,892	4,973	4,505
33	27	97 701	15 439,936	250 518,061	16,225	15,758	83	77	30 969	298,986	1 404,383	4,697	4,230
34	28	97 605	14 586,043	235 078,125	16,117	15,649	84	78	27 357	249,753	1 105,397	4,426	3,958
35	29	97 500	13 778,224	220 492,083	16,003	15,535	85	79	23 795	205,422	855,644	4,165	3,698
36	30	97 389	13 014,166	206 713,859	15,884	15,416	86	80	20 318	165,870	650,221	3,920	3,452
37	31	97 273	12 291,940	193 699,692	15,758	15,291	87	81	16 995	131,197	484,351	3,692	3,224
38	32	97 146	11 608,318	181 407,753	15,627	15,160	88	82	13 862	101,192	353,154	3,490	3,022
39	33	97 007	10 961,516	169 799,435	15,491	15,023	89	83	11 101	76,635	251,962	3,288	2,820
40	34	96 859	10 349,587	158 837,919	15,347	14,880	90	84	8 674	56,625	175,327	3,096	2,629
41	35	96 687	9 769,534	148 488,332	15,199	14,732	91	85	6 669	41,164	118,702	2,884	2,416
42	36	96 502	9 220,676	138 718,798	15,044	14,577	92	86	4 915	28,691	77,538	2,703	2,235
43	37	96 302	8 701,195	129 498,123	14,883	14,415	93	87	3 476	19,184	48,847	2,546	2,079
44	38	96 066	8 207,932	120 796,927	14,717	14,250	94	88	2 356	12,300	29,663	2,412	1,944
45	39	95 805	7 740,554	112 588,996	14,545	14,078	95	89	1 540	7,599	17,364	2,285	1,817
46	40	95 507	7 296,893	104 848,442	14,369	13,901	96	90	964	4,499	9,765	2,170	1,703
47	41	95 176	6 876,224	97 551,549	14,187	13,719	97	91	581	2,566	5,266	2,052	1,584
48	42	94 803	6 476,840	90 675,324	14,000	13,532	98	92	331	1,381	2,699	1,955	1,488
49	43	94 379	6 097,269	84 198,485	13,809	13,342	99	93	179	0,707	1,319	1,866	1,398
							100	94	92	0,343	0,612	1,784	1,317

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	5 743,279	78 445,819	13,659	13,191
1							51	44	93 511	5 402,088	72 702,540	13,458	12,991
2							52	45	92 956	5 078,083	67 300,451	13,253	12,786
3							53	46	92 342	4 770,253	62 222,368	13,044	12,576
4							54	47	91 670	4 478,041	57 452,115	12,830	12,362
5							55	48	90 925	4 200,117	52 974,074	12,613	12,145
6							56	49	90 130	3 937,034	48 773,957	12,389	11,921
7	0	99 488	67 267,811	1 192 857,348	17,733	17,265	57	50	89 272	3 687,500	44 836,922	12,159	11,692
8	1	99 160	63 400,563	1 125 589,537	17,754	17,286	58	51	88 354	3 451,143	41 149,422	11,923	11,456
9	2	99 122	59 930,442	1 062 188,974	17,724	17,256	59	52	87 354	3 226,578	37 698,279	11,684	11,216
10	3	99 098	56 657,812	1 002 258,532	17,690	17,222	60	53	86 276	3 013,482	34 471,700	11,439	10,972
11	4	99 075	53 564,655	945 600,720	17,653	17,186	61	54	85 102	2 810,845	31 458,218	11,192	10,724
12	5	99 053	50 641,161	892 036,065	17,615	17,147	62	55	83 877	2 619,754	28 647,373	10,935	10,468
13	6	99 034	47 878,284	841 394,903	17,574	17,106	63	56	82 548	2 438,050	26 027,619	10,676	10,208
14	7	99 017	45 267,380	793 516,619	17,530	17,062	64	57	81 155	2 266,576	23 589,569	10,408	9,940
15	8	98 993	42 795,398	748 249,240	17,484	17,017	65	58	79 658	2 103,812	21 322,993	10,135	9,668
16	9	98 967	40 457,865	705 453,842	17,437	16,969	66	59	78 059	1 949,483	19 219,181	9,859	9,391
17	10	98 931	38 244,256	664 995,977	17,388	16,921	67	60	76 391	1 804,089	17 269,699	9,573	9,105
18	11	98 889	36 149,520	626 751,721	17,338	16,870	68	61	74 604	1 666,079	15 465,610	9,283	8,815
19	12	98 826	34 162,233	590 602,201	17,288	16,821	69	62	72 722	1 535,745	13 799,531	8,986	8,518
20	13	98 765	32 284,621	556 439,968	17,235	16,768	70	63	70 703	1 411,932	12 263,786	8,686	8,218
21	14	98 696	30 507,953	524 155,347	17,181	16,713	71	64	68 575	1 294,972	10 851,853	8,380	7,912
22	15	98 628	28 829,290	493 647,395	17,123	16,656	72	65	66 323	1 184,341	9 556,881	8,069	7,602
23	16	98 560	27 242,708	464 818,104	17,062	16,595	73	66	63 895	1 078,945	8 372,541	7,760	7,292
24	17	98 489	25 743,098	437 575,397	16,998	16,530	74	67	61 338	979,453	7 293,596	7,447	6,979
25	18	98 415	24 325,060	411 832,299	16,930	16,463	75	68	58 591	884,713	6 314,143	7,137	6,669
26	19	98 336	22 983,766	387 507,239	16,860	16,392	76	69	55 713	795,509	5 429,430	6,825	6,358
27	20	98 254	21 716,113	364 523,473	16,786	16,318	77	70	52 668	711,147	4 633,921	6,516	6,049
28	21	98 172	20 518,004	342 807,359	16,708	16,240	78	71	49 453	631,423	3 922,774	6,213	5,745
29	22	98 090	19 386,154	322 289,355	16,625	16,157	79	72	46 078	556,348	3 291,351	5,916	5,448
30	23	98 004	18 316,056	302 903,201	16,538	16,070	80	73	42 617	486,576	2 735,003	5,621	5,153
31	24	97 916	17 304,705	284 587,145	16,446	15,978	81	74	39 034	421,440	2 248,427	5,335	4,868
32	25	97 822	16 347,940	267 282,440	16,350	15,882	82	75	35 414	361,565	1 826,987	5,053	4,585
33	26	97 727	15 444,062	250 934,499	16,248	15,780	83	76	31 774	306,762	1 465,422	4,777	4,309
34	27	97 630	14 589,809	235 490,437	16,141	15,673	84	77	28 172	257,200	1 158,660	4,505	4,037
35	28	97 526	13 781,804	220 900,628	16,028	15,561	85	78	24 613	212,489	901,460	4,242	3,775
36	29	97 416	13 017,777	207 118,825	15,910	15,443	86	79	21 111	172,342	688,970	3,998	3,530
37	30	97 300	12 295,314	194 101,048	15,787	15,319	87	80	17 765	137,146	516,629	3,767	3,299
38	31	97 177	11 612,103	181 805,734	15,657	15,189	88	81	14 584	106,461	379,483	3,565	3,097
39	32	97 041	10 965,314	170 193,630	15,521	15,054	89	82	11 771	81,256	273,022	3,360	2,892
40	33	96 894	10 353,332	159 228,316	15,379	14,912	90	83	9 277	60,559	191,766	3,167	2,699
41	34	96 727	9 773,500	148 874,984	15,233	14,765	91	84	7 201	44,453	131,207	2,952	2,484
42	35	96 544	9 224,607	139 101,484	15,079	14,612	92	85	5 373	31,366	86,754	2,766	2,298
43	36	96 347	8 705,254	129 876,877	14,919	14,452	93	86	3 847	21,237	55,388	2,608	2,141
44	37	96 117	8 212,257	121 171,622	14,755	14,287	94	87	2 662	13,893	34,151	2,458	1,991
45	38	95 862	7 745,120	112 959,365	14,585	14,117	95	88	1 760	8,689	20,259	2,332	1,864
46	39	95 574	7 302,028	105 214,245	14,409	13,941	96	89	1 121	5,230	11,570	2,212	1,745
47	40	95 244	6 881,129	97 912,217	14,229	13,762	97	90	683	3,013	6,340	2,104	1,637
48	41	94 882	6 482,226	91 031,087	14,043	13,576	98	91	400	1,670	3,327	1,993	1,525
49	42	94 468	6 103,042	84 548,861	13,854	13,386	99	92	221	0,872	1,657	1,902	1,434
							100	93	116	0,432	0,786	1,817	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	5 748,717	78 761,618	13,701	13,233
1							51	43	93 609	5 407,796	73 012,900	13,501	13,034
2							52	44	93 062	5 083,832	67 605,104	13,298	12,830
3							53	45	92 468	4 776,714	62 521,271	13,089	12,621
4							54	46	91 813	4 484,997	57 744,558	12,875	12,407
5							55	47	91 083	4 207,419	53 259,561	12,658	12,191
6							56	48	90 297	3 944,343	49 052,142	12,436	11,968
7							57	49	89 459	3 695,231	45 107,799	12,207	11,739
8	0	99 478	63 604,071	1 126 287,908	17,708	17,240	58	50	88 561	3 459,226	41 412,568	11,972	11,504
9	1	99 150	59 947,487	1 062 683,836	17,727	17,259	59	51	87 572	3 234,635	37 953,342	11,733	11,266
10	2	99 114	56 666,948	1 002 736,349	17,695	17,228	60	52	86 516	3 021,855	34 718,707	11,489	11,022
11	3	99 089	53 572,337	946 069,401	17,660	17,192	61	53	85 361	2 819,414	31 696,852	11,242	10,775
12	4	99 065	50 647,231	892 497,064	17,622	17,154	62	54	84 145	2 628,128	28 877,438	10,988	10,520
13	5	99 043	47 882,616	841 849,833	17,582	17,114	63	55	82 846	2 446,853	26 249,310	10,728	10,260
14	6	99 025	45 271,009	793 967,218	17,538	17,071	64	56	81 464	2 275,205	23 802,457	10,462	9,994
15	7	99 001	42 798,973	748 696,208	17,493	17,026	65	57	79 988	2 112,529	21 527,252	10,190	9,723
16	8	98 973	40 460,378	705 897,235	17,447	16,979	66	58	78 417	1 958,412	19 414,724	9,914	9,446
17	9	98 937	38 246,684	665 436,857	17,399	16,931	67	59	76 758	1 812,751	17 456,311	9,630	9,162
18	10	98 897	36 152,433	627 190,173	17,348	16,881	68	60	75 014	1 675,239	15 643,560	9,338	8,871
19	11	98 834	34 164,946	591 037,741	17,300	16,832	69	61	73 138	1 544,526	13 968,321	9,044	8,576
20	12	98 773	32 287,096	556 872,794	17,248	16,780	70	62	71 150	1 420,848	12 423,795	8,744	8,276
21	13	98 706	30 510,954	524 585,699	17,193	16,726	71	63	69 036	1 303,666	11 002,947	8,440	7,972
22	14	98 641	28 832,859	494 074,744	17,136	16,668	72	64	66 804	1 192,925	9 699,281	8,131	7,663
23	15	98 573	27 246,401	465 241,885	17,075	16,608	73	65	64 394	1 087,363	8 506,357	7,823	7,355
24	16	98 505	25 747,237	437 995,484	17,011	16,544	74	66	61 847	987,570	7 418,993	7,512	7,045
25	17	98 433	24 329,331	412 248,246	16,944	16,477	75	67	59 124	892,765	6 431,423	7,204	6,736
26	18	98 357	22 988,788	387 918,916	16,874	16,407	76	68	56 264	803,378	5 538,658	6,894	6,427
27	19	98 276	21 720,785	364 930,128	16,801	16,333	77	69	53 252	719,033	4 735,279	6,586	6,118
28	20	98 192	20 522,334	343 209,343	16,724	16,256	78	70	50 051	639,059	4 016,246	6,285	5,817
29	21	98 111	19 390,345	322 687,009	16,642	16,174	79	71	46 701	563,871	3 377,187	5,989	5,522
30	22	98 026	18 320,266	303 296,664	16,555	16,088	80	72	43 287	494,224	2 813,316	5,692	5,225
31	23	97 939	17 308,642	284 976,398	16,464	15,997	81	73	39 723	428,875	2 319,091	5,407	4,940
32	24	97 844	16 351,658	267 667,756	16,369	15,902	82	74	36 112	368,690	1 890,216	5,127	4,659
33	25	97 749	15 447,504	251 316,098	16,269	15,801	83	75	32 498	313,753	1 521,527	4,849	4,382
34	26	97 656	14 593,708	235 868,593	16,162	15,695	84	76	28 905	263,889	1 207,774	4,577	4,109
35	27	97 551	13 785,362	221 274,886	16,051	15,584	85	77	25 347	218,825	943,885	4,313	3,846
36	28	97 441	13 021,159	207 489,523	15,935	15,467	86	78	21 837	178,271	725,060	4,067	3,600
37	29	97 327	12 298,725	194 468,365	15,812	15,344	87	79	18 459	142,497	546,789	3,837	3,370
38	30	97 204	11 615,291	182 169,639	15,684	15,216	88	80	15 245	111,288	404,293	3,633	3,165
39	31	97 073	10 968,890	170 554,348	15,549	15,081	89	81	12 384	85,487	293,004	3,427	2,960
40	32	96 927	10 356,919	159 585,458	15,409	14,941	90	82	9 836	64,210	207,517	3,232	2,764
41	33	96 762	9 777,037	149 228,538	15,263	14,796	91	83	7 702	47,541	143,307	3,014	2,547
42	34	96 583	9 228,352	139 451,501	15,111	14,644	92	84	5 803	33,872	95,766	2,827	2,360
43	35	96 388	8 708,966	130 223,149	14,953	14,485	93	85	4 206	23,217	61,894	2,666	2,198
44	36	96 162	8 216,088	121 514,183	14,790	14,322	94	86	2 946	15,379	38,677	2,515	2,047
45	37	95 912	7 749,202	113 298,095	14,621	14,153	95	87	1 988	9,815	23,298	2,374	1,906
46	38	95 631	7 306,336	105 548,893	14,446	13,979	96	88	1 281	5,980	13,483	2,255	1,787
47	39	95 311	6 885,972	98 242,557	14,267	13,799	97	89	793	3,502	7,503	2,142	1,675
48	40	94 949	6 486,850	91 356,586	14,083	13,616	98	90	470	1,960	4,001	2,041	1,573
49	41	94 547	6 108,118	84 869,735	13,895	13,427	99	91	267	1,054	2,040	1,936	1,468
							100	92	143	0,533	0,986	1,850	1,382

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	5 753,499	79 050,717	13,740	13,272
1							51	42	93 698	5 412,917	73 297,218	13,541	13,074
2							52	43	93 160	5 089,204	67 884,302	13,339	12,871
3							53	44	92 572	4 782,122	62 795,097	13,131	12,664
4							54	45	91 937	4 491,072	58 012,976	12,917	12,450
5							55	46	91 224	4 213,954	53 521,904	12,701	12,234
6							56	47	90 454	3 951,200	49 307,950	12,479	12,012
7							57	48	89 625	3 702,091	45 356,750	12,252	11,784
8							58	49	88 746	3 466,478	41 654,659	12,016	11,549
9	0	99 469	60 139,912	1 063 329,746	17,681	17,213	59	50	87 778	3 242,210	38 188,182	11,778	11,311
10	1	99 142	56 683,065	1 003 189,834	17,698	17,231	60	51	86 732	3 029,401	34 945,971	11,536	11,068
11	2	99 105	53 580,975	946 506,770	17,665	17,197	61	52	85 599	2 827,248	31 916,570	11,289	10,821
12	3	99 079	50 654,494	892 925,795	17,628	17,160	62	53	84 402	2 636,139	29 089,323	11,035	10,567
13	4	99 055	47 888,355	842 271,300	17,588	17,121	63	54	83 111	2 454,674	26 453,183	10,777	10,309
14	5	99 034	45 275,105	794 382,945	17,546	17,078	64	55	81 758	2 283,420	23 998,509	10,510	10,042
15	6	99 009	42 802,405	749 107,841	17,502	17,034	65	56	80 293	2 120,572	21 715,089	10,240	9,773
16	7	98 981	40 463,759	706 305,436	17,455	16,988	66	57	78 742	1 966,527	19 594,518	9,964	9,496
17	8	98 943	38 249,060	665 841,677	17,408	16,940	67	58	77 110	1 821,054	17 627,991	9,680	9,213
18	9	98 904	36 154,728	627 592,617	17,359	16,891	68	59	75 374	1 683,282	15 806,936	9,391	8,923
19	10	98 842	34 167,699	591 437,890	17,310	16,842	69	60	73 540	1 553,018	14 123,654	9,094	8,627
20	11	98 780	32 289,660	557 270,191	17,258	16,791	70	61	71 557	1 428,972	12 570,636	8,797	8,329
21	12	98 714	30 513,293	524 980,530	17,205	16,737	71	62	69 471	1 311,897	11 141,664	8,493	8,025
22	13	98 650	28 835,696	494 467,237	17,148	16,680	72	63	67 252	1 200,933	9 829,766	8,185	7,718
23	14	98 585	27 249,774	465 631,541	17,088	16,620	73	64	64 860	1 095,245	8 628,833	7,878	7,411
24	15	98 519	25 750,728	438 381,767	17,024	16,556	74	65	62 329	995,276	7 533,588	7,569	7,102
25	16	98 449	24 333,242	412 631,039	16,958	16,490	75	66	59 614	900,164	6 538,312	7,263	6,796
26	17	98 374	22 992,824	388 297,796	16,888	16,420	76	67	56 776	810,691	5 638,148	6,955	6,487
27	18	98 297	21 725,530	365 304,972	16,815	16,347	77	68	53 779	726,146	4 827,457	6,648	6,180
28	19	98 213	20 526,749	343 579,442	16,738	16,271	78	69	50 606	646,146	4 101,311	6,347	5,880
29	20	98 131	19 394,437	323 052,693	16,657	16,189	79	70	47 266	570,690	3 455,166	6,054	5,587
30	21	98 048	18 324,227	303 658,256	16,571	16,104	80	71	43 872	500,908	2 884,476	5,758	5,291
31	22	97 961	17 312,620	285 334,029	16,481	16,014	81	72	40 347	435,616	2 383,568	5,472	5,004
32	23	97 866	16 355,378	268 021,409	16,387	15,920	82	73	36 749	375,194	1 947,951	5,192	4,724
33	24	97 771	15 451,017	251 666,031	16,288	15,820	83	74	33 139	319,935	1 572,758	4,916	4,448
34	25	97 678	14 596,960	236 215,013	16,182	15,715	84	75	29 564	269,903	1 252,823	4,642	4,174
35	26	97 577	13 789,046	221 618,053	16,072	15,604	85	76	26 006	224,516	982,920	4,378	3,910
36	27	97 466	13 024,521	207 829,007	15,957	15,489	86	77	22 488	183,586	758,404	4,131	3,663
37	28	97 352	12 301,920	194 804,486	15,835	15,368	87	78	19 094	147,399	574,817	3,900	3,432
38	29	97 231	11 618,514	182 502,565	15,708	15,240	88	79	15 840	115,630	427,419	3,696	3,229
39	30	97 099	10 971,901	170 884,052	15,575	15,107	89	80	12 945	89,363	311,788	3,489	3,021
40	31	96 959	10 360,297	159 912,150	15,435	14,968	90	81	10 349	67,554	222,425	3,293	2,825
41	32	96 795	9 780,425	149 551,853	15,291	14,823	91	82	8 166	50,408	154,871	3,072	2,605
42	33	96 618	9 231,692	139 771,429	15,140	14,673	92	83	6 206	36,225	104,464	2,884	2,416
43	34	96 427	8 712,502	130 539,737	14,983	14,515	93	84	4 542	25,072	68,238	2,722	2,254
44	35	96 203	8 219,591	121 827,235	14,822	14,354	94	85	3 221	16,813	43,166	2,567	2,100
45	36	95 957	7 752,817	113 607,644	14,654	14,186	95	86	2 201	10,865	26,353	2,426	1,958
46	37	95 681	7 310,186	105 854,827	14,480	14,013	96	87	1 447	6,755	15,489	2,293	1,825
47	38	95 367	6 890,034	98 544,641	14,302	13,835	97	88	907	4,005	8,734	2,181	1,713
48	39	95 016	6 491,415	91 654,607	14,119	13,652	98	89	546	2,279	4,729	2,076	1,608
49	40	94 614	6 112,475	85 163,192	13,933	13,465	99	90	314	1,237	2,451	1,980	1,513
							100	91	173	0,645	1,213	1,881	1,414

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	5 757,602	79 315,028	13,776	13,308
1							51	41	93 776	5 417,418	73 557,426	13,578	13,110
2							52	42	93 248	5 094,023	68 140,007	13,376	12,909
3							53	43	92 670	4 787,175	63 045,984	13,170	12,702
4							54	44	92 041	4 496,156	58 258,810	12,957	12,490
5							55	45	91 348	4 219,662	53 762,654	12,741	12,273
6							56	46	90 595	3 957,337	49 542,992	12,519	12,052
7							57	47	89 781	3 708,527	45 585,655	12,292	11,825
8							58	48	88 911	3 472,913	41 877,128	12,058	11,591
9							59	49	87 962	3 249,008	38 404,215	11,820	11,353
10	0	99 460	56 865,011	1 003 787,289	17,652	17,185	60	50	86 935	3 036,496	35 155,208	11,578	11,110
11	1	99 133	53 596,214	946 922,278	17,668	17,200	61	51	85 812	2 834,307	32 118,712	11,332	10,865
12	2	99 095	50 662,662	893 326,064	17,633	17,165	62	52	84 636	2 643,464	29 284,405	11,078	10,610
13	3	99 069	47 895,222	842 663,402	17,594	17,126	63	53	83 364	2 462,157	26 640,941	10,820	10,353
14	4	99 046	45 280,532	794 768,180	17,552	17,085	64	54	82 019	2 290,719	24 178,784	10,555	10,088
15	5	99 018	42 806,277	749 487,648	17,509	17,041	65	55	80 583	2 128,228	21 888,065	10,285	9,817
16	6	98 989	40 467,003	706 681,371	17,463	16,996	66	56	79 041	1 974,014	19 759,837	10,010	9,542
17	7	98 952	38 252,255	666 214,368	17,416	16,949	67	57	77 429	1 828,600	17 785,823	9,726	9,259
18	8	98 910	36 156,974	627 962,112	17,368	16,900	68	58	75 719	1 690,993	15 957,224	9,437	8,969
19	9	98 849	34 169,868	591 805,139	17,320	16,852	69	59	73 893	1 560,475	14 266,231	9,142	8,675
20	10	98 788	32 292,262	557 635,271	17,268	16,801	70	60	71 950	1 436,829	12 705,756	8,843	8,375
21	11	98 721	30 515,717	525 343,009	17,215	16,748	71	61	69 869	1 319,399	11 268,928	8,541	8,073
22	12	98 658	28 837,907	494 827,292	17,159	16,691	72	62	67 677	1 208,517	9 949,529	8,233	7,765
23	13	98 595	27 252,455	465 989,385	17,099	16,631	73	63	65 296	1 102,597	8 741,012	7,928	7,460
24	14	98 531	25 753,916	438 736,930	17,036	16,568	74	64	62 781	1 002,490	7 638,415	7,619	7,152
25	15	98 462	24 336,542	412 983,014	16,970	16,502	75	65	60 079	907,188	6 635,925	7,315	6,847
26	16	98 390	22 996,521	388 646,472	16,900	16,433	76	66	57 246	817,409	5 728,737	7,008	6,541
27	17	98 314	21 729,345	365 649,951	16,827	16,360	77	67	54 269	732,755	4 911,327	6,703	6,235
28	18	98 235	20 531,234	343 920,607	16,751	16,284	78	68	51 106	652,537	4 178,572	6,404	5,936
29	19	98 153	19 398,609	323 389,373	16,671	16,203	79	69	47 790	577,019	3 526,035	6,111	5,643
30	20	98 068	18 328,094	303 990,764	16,586	16,118	80	70	44 403	506,965	2 949,016	5,817	5,349
31	21	97 982	17 316,363	285 662,670	16,497	16,029	81	71	40 893	441,507	2 442,051	5,531	5,064
32	22	97 889	16 359,137	268 346,307	16,403	15,936	82	72	37 327	381,091	2 000,544	5,250	4,782
33	23	97 793	15 454,532	251 987,170	16,305	15,837	83	73	33 723	325,579	1 619,452	4,974	4,506
34	24	97 700	14 600,280	236 532,637	16,201	15,733	84	74	30 146	275,221	1 293,873	4,701	4,234
35	25	97 599	13 792,120	221 932,358	16,091	15,624	85	75	26 599	229,633	1 018,652	4,436	3,968
36	26	97 493	13 028,001	208 140,238	15,976	15,509	86	76	23 073	188,361	789,019	4,189	3,721
37	27	97 378	12 305,097	195 112,236	15,856	15,389	87	77	19 663	151,794	600,659	3,957	3,489
38	28	97 256	11 621,532	182 807,140	15,730	15,262	88	78	16 385	119,608	448,865	3,753	3,285
39	29	97 126	10 974,945	171 185,607	15,598	15,130	89	79	13 450	92,850	329,257	3,546	3,079
40	30	96 985	10 363,141	160 210,662	15,460	14,992	90	80	10 818	70,617	236,407	3,348	2,880
41	31	96 827	9 783,614	149 847,521	15,316	14,849	91	81	8 591	53,032	165,790	3,126	2,659
42	32	96 651	9 234,890	140 063,907	15,167	14,699	92	82	6 580	38,409	112,758	2,936	2,468
43	33	96 462	8 715,655	130 829,016	15,011	14,543	93	83	4 858	26,814	74,348	2,773	2,305
44	34	96 242	8 222,928	122 113,361	14,850	14,383	94	84	3 478	18,156	47,534	2,618	2,150
45	35	95 998	7 756,122	113 890,433	14,684	14,216	95	85	2 406	11,878	29,378	2,473	2,006
46	36	95 726	7 313,597	106 134,311	14,512	14,044	96	86	1 602	7,478	17,500	2,340	1,873
47	37	95 417	6 893,665	98 820,714	14,335	13,867	97	87	1 025	4,523	10,023	2,216	1,748
48	38	95 072	6 495,245	91 927,049	14,153	13,685	98	88	624	2,605	5,499	2,111	1,643
49	39	94 681	6 116,777	85 431,805	13,967	13,499	99	89	364	1,439	2,894	2,012	1,544
							100	90	203	0,757	1,455	1,923	1,455

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	5 761,654	79 556,921	13,808	13,340
1							51	40	93 843	5 421,283	73 795,266	13,612	13,145
2							52	41	93 326	5 098,259	68 373,984	13,411	12,944
3							53	42	92 758	4 791,707	63 275,724	13,205	12,738
4							54	43	92 138	4 500,907	58 484,017	12,994	12,526
5							55	44	91 451	4 224,439	53 983,110	12,779	12,311
6							56	45	90 718	3 962,697	49 758,671	12,557	12,089
7							57	46	89 920	3 714,287	45 795,974	12,330	11,862
8							58	47	89 066	3 478,951	42 081,687	12,096	11,629
9							59	48	88 125	3 255,039	38 602,737	11,859	11,392
10							60	49	87 117	3 042,862	35 347,698	11,617	11,149
11	0	99 451	53 768,252	947 474,997	17,621	17,154	61	50	86 013	2 840,945	32 304,836	11,371	10,904
12	1	99 123	50 677,071	893 706,745	17,635	17,168	62	51	84 848	2 650,065	29 463,891	11,118	10,651
13	2	99 085	47 902,945	843 029,674	17,599	17,131	63	52	83 596	2 468,998	26 813,826	10,860	10,393
14	3	99 060	45 287,025	795 126,729	17,557	17,090	64	53	82 269	2 297,702	24 344,828	10,595	10,128
15	4	99 030	42 811,408	749 839,703	17,515	17,047	65	54	80 840	2 135,031	22 047,127	10,326	9,859
16	5	98 998	40 470,664	707 028,295	17,470	17,003	66	55	79 327	1 981,141	19 912,096	10,051	9,583
17	6	98 960	38 255,323	666 557,631	17,424	16,956	67	56	77 724	1 835,562	17 930,955	9,769	9,301
18	7	98 918	36 159,995	628 302,309	17,376	16,908	68	57	76 033	1 697,999	16 095,393	9,479	9,011
19	8	98 855	34 171,991	592 142,314	17,328	16,861	69	58	74 231	1 567,622	14 397,394	9,184	8,717
20	9	98 795	32 294,312	557 970,324	17,278	16,810	70	59	72 296	1 443,727	12 829,772	8,887	8,419
21	10	98 729	30 518,175	525 676,012	17,225	16,757	71	60	70 253	1 326,653	11 386,044	8,583	8,115
22	11	98 666	28 840,197	495 157,836	17,169	16,701	72	61	68 064	1 215,427	10 059,392	8,276	7,809
23	12	98 602	27 254,544	466 317,639	17,110	16,642	73	62	65 708	1 109,560	8 843,965	7,971	7,503
24	13	98 541	25 756,450	439 063,095	17,047	16,579	74	63	63 202	1 009,220	7 734,405	7,664	7,196
25	14	98 474	24 339,555	413 306,645	16,981	16,513	75	64	60 515	913,764	6 725,185	7,360	6,892
26	15	98 404	22 999,639	388 967,090	16,912	16,444	76	65	57 693	823,788	5 811,421	7,055	6,587
27	16	98 330	21 732,838	365 967,451	16,839	16,372	77	66	54 718	738,828	4 987,634	6,751	6,283
28	17	98 252	20 534,838	344 234,613	16,763	16,296	78	67	51 571	658,476	4 248,806	6,452	5,985
29	18	98 174	19 402,847	323 699,775	16,683	16,216	79	68	48 263	582,726	3 590,329	6,161	5,694
30	19	98 089	18 332,036	304 296,928	16,599	16,132	80	69	44 895	512,587	3 007,603	5,867	5,400
31	20	98 003	17 320,018	285 964,891	16,511	16,043	81	70	41 387	446,846	2 495,016	5,584	5,116
32	21	97 910	16 362,674	268 644,874	16,418	15,951	82	71	37 832	386,245	2 048,169	5,303	4,835
33	22	97 816	15 458,085	252 282,200	16,320	15,853	83	72	34 253	330,697	1 661,924	5,026	4,558
34	23	97 722	14 603,601	236 824,115	16,217	15,749	84	73	30 678	280,076	1 331,228	4,753	4,286
35	24	97 621	13 795,256	222 220,513	16,108	15,641	85	74	27 123	234,158	1 051,151	4,489	4,021
36	25	97 514	13 030,905	208 425,257	15,995	15,527	86	75	23 599	192,653	816,994	4,241	3,773
37	26	97 404	12 308,385	195 394,352	15,875	15,407	87	76	20 174	155,742	624,341	4,009	3,541
38	27	97 281	11 624,533	183 085,967	15,750	15,282	88	77	16 873	123,175	468,599	3,804	3,337
39	28	97 152	10 977,797	171 461,434	15,619	15,151	89	78	13 913	96,044	345,424	3,597	3,129
40	29	97 012	10 366,016	160 483,637	15,482	15,014	90	79	11 240	73,372	249,380	3,399	2,931
41	30	96 853	9 786,300	150 117,621	15,340	14,872	91	80	8 981	55,437	176,008	3,175	2,707
42	31	96 683	9 237,902	140 331,321	15,191	14,723	92	81	6 923	40,410	120,571	2,984	2,516
43	32	96 495	8 718,674	131 093,419	15,036	14,568	93	82	5 151	28,431	80,162	2,820	2,352
44	33	96 276	8 225,904	122 374,744	14,877	14,409	94	83	3 720	19,418	51,731	2,664	2,197
45	34	96 037	7 759,271	114 148,840	14,711	14,244	95	84	2 599	12,827	32,313	2,519	2,052
46	35	95 766	7 316,715	106 389,569	14,541	14,073	96	85	1 751	8,175	19,487	2,384	1,916
47	36	95 462	6 896,881	99 072,854	14,365	13,897	97	86	1 134	5,007	11,312	2,259	1,792
48	37	95 122	6 498,667	92 175,973	14,184	13,716	98	87	705	2,943	6,305	2,142	1,675
49	38	94 736	6 120,385	85 677,306	13,999	13,531	99	88	417	1,645	3,362	2,044	1,576
							100	89	236	0,880	1,717	1,951	1,483

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	5 765,053	79 777,963	13,838	13,371
1							51	39	93 909	5 425,098	74 012,910	13,643	13,175
2							52	40	93 392	5 101,896	68 587,812	13,444	12,976
3							53	41	92 835	4 795,693	63 485,916	13,238	12,771
4							54	42	92 226	4 505,168	58 690,224	13,027	12,560
5							55	43	91 548	4 228,902	54 185,055	12,813	12,345
6							56	44	90 820	3 967,183	49 956,153	12,592	12,125
7							57	45	90 042	3 719,318	45 988,969	12,365	11,897
8							58	46	89 204	3 484,354	42 269,652	12,131	11,664
9							59	47	88 278	3 260,698	38 785,297	11,895	11,427
10							60	48	87 279	3 048,510	35 524,599	11,653	11,186
11							61	49	86 194	2 846,901	32 476,089	11,408	10,940
12	0	99 442	50 839,739	894 218,173	17,589	17,121	62	50	85 046	2 656,271	29 629,188	11,154	10,687
13	1	99 113	47 916,569	843 378,434	17,601	17,133	63	51	83 805	2 475,163	26 972,917	10,897	10,430
14	2	99 076	45 294,327	795 461,865	17,562	17,094	64	52	82 498	2 304,086	24 497,754	10,632	10,165
15	3	99 044	42 817,548	750 167,537	17,520	17,053	65	53	81 087	2 141,539	22 193,668	10,363	9,896
16	4	99 010	40 475,515	707 349,990	17,476	17,008	66	54	79 580	1 987,474	20 052,129	10,089	9,622
17	5	98 969	38 258,783	666 874,475	17,431	16,963	67	55	78 004	1 842,189	18 064,655	9,806	9,339
18	6	98 926	36 162,894	628 615,692	17,383	16,915	68	56	76 323	1 704,464	16 222,466	9,518	9,050
19	7	98 863	34 174,846	592 452,798	17,336	16,868	69	57	74 539	1 574,118	14 518,002	9,223	8,755
20	8	98 801	32 296,318	558 277,952	17,286	16,819	70	58	72 627	1 450,340	12 943,885	8,925	8,457
21	9	98 736	30 520,113	525 981,634	17,234	16,766	71	59	70 590	1 333,022	11 493,544	8,622	8,155
22	10	98 674	28 842,521	495 461,521	17,178	16,711	72	60	68 438	1 222,109	10 160,522	8,314	7,846
23	11	98 610	27 256,709	466 619,000	17,119	16,652	73	61	66 084	1 115,904	8 938,413	8,010	7,542
24	12	98 548	25 758,424	439 362,291	17,057	16,589	74	62	63 602	1 015,593	7 822,509	7,702	7,235
25	13	98 484	24 341,949	413 603,867	16,991	16,524	75	63	60 921	919,898	6 806,916	7,400	6,932
26	14	98 416	23 002,487	389 261,918	16,923	16,455	76	64	58 111	829,758	5 887,018	7,095	6,627
27	15	98 343	21 735,785	366 259,431	16,851	16,383	77	65	55 145	744,593	5 057,260	6,792	6,324
28	16	98 268	20 538,140	344 523,646	16,775	16,307	78	66	51 999	663,934	4 312,666	6,496	6,028
29	17	98 191	19 406,253	323 985,506	16,695	16,227	79	67	48 702	588,030	3 648,733	6,205	5,737
30	18	98 111	18 336,042	304 579,253	16,611	16,143	80	68	45 339	517,658	3 060,702	5,913	5,445
31	19	98 024	17 323,743	286 243,211	16,523	16,056	81	69	41 846	451,802	2 543,045	5,629	5,161
32	20	97 930	16 366,127	268 919,468	16,431	15,964	82	70	38 289	390,916	2 091,243	5,350	4,882
33	21	97 837	15 461,427	252 553,341	16,334	15,867	83	71	34 716	335,169	1 700,327	5,073	4,605
34	22	97 745	14 606,958	237 091,914	16,231	15,764	84	72	31 160	284,479	1 365,159	4,799	4,331
35	23	97 643	13 798,395	222 484,956	16,124	15,656	85	73	27 602	238,289	1 080,680	4,535	4,068
36	24	97 536	13 033,869	208 686,561	16,011	15,544	86	74	24 064	196,449	842,392	4,288	3,821
37	25	97 425	12 311,129	195 652,693	15,892	15,425	87	75	20 634	159,291	645,942	4,055	3,588
38	26	97 307	11 627,639	183 341,564	15,768	15,300	88	76	17 312	126,378	486,651	3,851	3,383
39	27	97 177	10 980,631	171 713,925	15,638	15,170	89	77	14 328	98,908	360,273	3,643	3,175
40	28	97 038	10 368,709	160 733,294	15,502	15,034	90	78	11 627	75,896	261,366	3,444	2,976
41	29	96 880	9 789,015	150 364,584	15,361	14,893	91	79	9 331	57,600	185,469	3,220	2,752
42	30	96 709	9 240,438	140 575,569	15,213	14,746	92	80	7 237	42,242	127,869	3,027	2,560
43	31	96 527	8 721,518	131 335,131	15,059	14,591	93	81	5 419	29,911	85,628	2,863	2,395
44	32	96 310	8 228,754	122 613,613	14,901	14,433	94	82	3 944	20,588	55,717	2,706	2,239
45	33	96 072	7 762,079	114 384,859	14,736	14,269	95	83	2 779	13,718	35,128	2,561	2,093
46	34	95 805	7 319,685	106 622,780	14,567	14,099	96	84	1 891	8,828	21,410	2,425	1,958
47	35	95 503	6 899,821	99 303,094	14,392	13,925	97	85	1 240	5,474	12,582	2,299	1,831
48	36	95 167	6 501,699	92 403,273	14,212	13,745	98	86	781	3,258	7,108	2,182	1,714
49	37	94 786	6 123,610	85 901,574	14,028	13,560	99	87	471	1,858	3,850	2,072	1,605
							100	88	270	1,006	1,993	1,980	1,513



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	5 768,091	79 979,861	13,866	13,398
1							51	38	93 964	5 428,298	74 211,770	13,671	13,204
2							52	39	93 458	5 105,487	68 783,471	13,472	13,005
3							53	40	92 901	4 799,113	63 677,985	13,269	12,801
4							54	41	92 302	4 508,915	58 878,872	13,058	12,591
5							55	42	91 635	4 232,907	54 369,956	12,845	12,377
6							56	43	90 916	3 971,375	50 137,050	12,625	12,157
7							57	44	90 144	3 723,528	46 165,674	12,398	11,931
8							58	45	89 325	3 489,074	42 442,146	12,164	11,697
9							59	46	88 415	3 265,763	38 953,072	11,928	11,460
10							60	47	87 431	3 053,810	35 687,310	11,686	11,219
11							61	48	86 354	2 852,186	32 633,500	11,442	10,974
12							62	49	85 225	2 661,840	29 781,314	11,188	10,721
13	0	99 431	48 070,376	843 851,757	17,555	17,087	63	50	84 001	2 480,960	27 119,474	10,931	10,463
14	1	99 104	45 307,210	795 781,381	17,564	17,097	64	51	82 704	2 309,839	24 638,514	10,667	10,199
15	2	99 060	42 824,452	750 474,172	17,524	17,057	65	52	81 312	2 147,489	22 328,675	10,398	9,930
16	3	99 024	40 481,319	707 649,720	17,481	17,013	66	53	79 823	1 993,532	20 181,186	10,123	9,656
17	4	98 980	38 263,369	667 168,401	17,436	16,969	67	54	78 254	1 848,077	18 187,653	9,841	9,374
18	5	98 935	36 166,166	628 905,032	17,389	16,922	68	55	76 598	1 710,618	16 339,576	9,552	9,084
19	6	98 871	34 177,586	592 738,866	17,343	16,875	69	56	74 823	1 580,111	14 628,958	9,258	8,791
20	7	98 809	32 299,016	558 561,280	17,293	16,826	70	57	72 928	1 456,350	13 048,847	8,960	8,492
21	8	98 742	30 522,009	526 262,264	17,242	16,774	71	58	70 914	1 339,128	11 592,498	8,657	8,189
22	9	98 680	28 844,352	495 740,255	17,187	16,719	72	59	68 767	1 227,977	10 253,369	8,350	7,882
23	10	98 618	27 258,905	466 895,903	17,128	16,661	73	60	66 447	1 122,039	9 025,392	8,044	7,576
24	11	98 556	25 760,470	439 636,998	17,066	16,599	74	61	63 965	1 021,400	7 903,353	7,738	7,270
25	12	98 491	24 343,815	413 876,528	17,001	16,534	75	62	61 306	925,707	6 881,953	7,434	6,967
26	13	98 425	23 004,750	389 532,712	16,933	16,465	76	63	58 501	835,329	5 956,247	7,130	6,663
27	14	98 356	21 738,476	366 527,963	16,861	16,393	77	64	55 545	749,990	5 120,918	6,828	6,360
28	15	98 281	20 540,925	344 789,487	16,785	16,318	78	65	52 405	669,114	4 370,928	6,532	6,065
29	16	98 207	19 409,374	324 248,562	16,706	16,238	79	66	49 106	592,904	3 701,813	6,244	5,776
30	17	98 128	18 339,261	304 839,189	16,622	16,155	80	67	45 752	522,369	3 108,910	5,952	5,484
31	18	98 046	17 327,528	286 499,928	16,534	16,067	81	68	42 260	456,271	2 586,541	5,669	5,201
32	19	97 952	16 369,648	269 172,399	16,443	15,976	82	69	38 714	395,251	2 130,270	5,390	4,922
33	20	97 857	15 464,689	252 802,752	16,347	15,880	83	70	35 136	339,222	1 735,019	5,115	4,647
34	21	97 766	14 610,116	237 338,062	16,245	15,777	84	71	31 582	288,326	1 395,797	4,841	4,373
35	22	97 666	13 801,566	222 727,946	16,138	15,670	85	72	28 036	242,034	1 107,471	4,576	4,108
36	23	97 559	13 036,834	208 926,380	16,026	15,558	86	73	24 488	199,915	865,437	4,329	3,861
37	24	97 447	12 313,928	195 889,547	15,908	15,440	87	74	21 041	162,430	665,522	4,097	3,630
38	25	97 329	11 630,231	183 575,618	15,784	15,317	88	75	17 706	129,258	503,093	3,892	3,425
39	26	97 203	10 983,565	171 945,387	15,655	15,187	89	76	14 701	101,480	373,834	3,684	3,216
40	27	97 063	10 371,387	160 961,822	15,520	15,052	90	77	11 973	78,159	272,354	3,485	3,017
41	28	96 905	9 791,558	150 590,435	15,380	14,912	91	78	9 652	59,581	194,195	3,259	2,792
42	29	96 736	9 243,002	140 798,877	15,233	14,765	92	79	7 519	43,890	134,614	3,067	2,600
43	30	96 553	8 723,912	131 555,875	15,080	14,612	93	80	5 665	31,267	90,724	2,902	2,434
44	31	96 341	8 231,438	122 831,963	14,922	14,455	94	81	4 150	21,661	59,457	2,745	2,277
45	32	96 105	7 764,769	114 600,525	14,759	14,291	95	82	2 947	14,545	37,796	2,599	2,131
46	33	95 840	7 322,334	106 835,756	14,590	14,123	96	83	2 023	9,441	23,251	2,463	1,995
47	34	95 541	6 902,623	99 513,422	14,417	13,949	97	84	1 339	5,911	13,810	2,336	1,869
48	35	95 207	6 504,471	92 610,799	14,238	13,770	98	85	853	3,562	7,898	2,218	1,750
49	36	94 831	6 126,467	86 106,328	14,055	13,587	99	86	521	2,057	4,337	2,109	1,641
							100	87	305	1,137	2,280	2,006	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	5 770,782	80 164,170	13,891	13,424
1							51	37	94 014	5 431,159	74 393,387	13,698	13,230
2							52	38	93 513	5 108,498	68 962,228	13,500	13,032
3							53	39	92 966	4 802,491	63 853,730	13,296	12,828
4							54	40	92 368	4 512,131	59 051,239	13,087	12,620
5							55	41	91 711	4 236,427	54 539,108	12,874	12,406
6							56	42	91 002	3 975,136	50 302,681	12,654	12,187
7							57	43	90 239	3 727,463	46 327,545	12,429	11,961
8							58	44	89 426	3 493,024	42 600,082	12,196	11,728
9							59	45	88 535	3 270,186	39 107,059	11,959	11,491
10							60	46	87 567	3 058,553	35 836,873	11,717	11,249
11							61	47	86 504	2 857,144	32 778,319	11,472	11,005
12							62	48	85 383	2 666,781	29 921,175	11,220	10,752
13							63	49	84 177	2 486,161	27 254,394	10,962	10,495
14	0	99 422	45 452,641	796 219,543	17,518	17,050	64	50	82 898	2 315,249	24 768,233	10,698	10,230
15	1	99 088	42 836,631	750 766,902	17,526	17,059	65	51	81 515	2 152,852	22 452,984	10,429	9,962
16	2	99 040	40 487,847	707 930,271	17,485	17,017	66	52	80 045	1 999,071	20 300,132	10,155	9,687
17	3	98 995	38 268,856	667 442,424	17,441	16,973	67	53	78 492	1 853,711	18 301,061	9,873	9,405
18	4	98 947	36 170,501	629 173,568	17,395	16,927	68	54	76 843	1 716,086	16 447,350	9,584	9,117
19	5	98 880	34 180,678	593 003,068	17,349	16,881	69	55	75 093	1 585,816	14 731,264	9,289	8,822
20	6	98 817	32 301,606	558 822,390	17,300	16,833	70	56	73 205	1 461,894	13 145,448	8,992	8,524
21	7	98 750	30 524,559	526 520,784	17,249	16,782	71	57	71 207	1 344,677	11 683,554	8,689	8,221
22	8	98 686	28 846,143	495 996,225	17,195	16,727	72	58	69 082	1 233,602	10 338,877	8,381	7,913
23	9	98 624	27 260,636	467 150,081	17,136	16,669	73	59	66 766	1 127,427	9 105,275	8,076	7,609
24	10	98 564	25 762,546	439 889,445	17,075	16,607	74	60	64 317	1 027,015	7 977,849	7,768	7,300
25	11	98 499	24 345,749	414 126,900	17,010	16,543	75	61	61 656	931,000	6 950,833	7,466	6,998
26	12	98 433	23 006,513	389 781,151	16,942	16,475	76	62	58 871	840,603	6 019,834	7,161	6,694
27	13	98 365	21 740,615	366 774,638	16,870	16,403	77	63	55 918	755,025	5 179,230	6,860	6,392
28	14	98 293	20 543,468	345 034,023	16,795	16,328	78	64	52 784	673,964	4 424,205	6,564	6,097
29	15	98 220	19 412,005	324 490,555	16,716	16,248	79	65	49 489	597,530	3 750,241	6,276	5,809
30	16	98 144	18 342,210	305 078,550	16,633	16,165	80	66	46 131	526,698	3 152,711	5,986	5,518
31	17	98 063	17 330,570	286 736,340	16,545	16,078	81	67	42 645	460,424	2 626,013	5,703	5,236
32	18	97 973	16 373,224	269 405,770	16,454	15,986	82	68	39 097	399,161	2 165,589	5,425	4,958
33	19	97 878	15 468,016	253 032,546	16,358	15,891	83	69	35 526	342,984	1 766,428	5,150	4,683
34	20	97 786	14 613,199	237 564,530	16,257	15,789	84	70	31 964	291,812	1 423,445	4,878	4,410
35	21	97 687	13 804,550	222 951,331	16,151	15,683	85	71	28 415	245,307	1 131,632	4,613	4,146
36	22	97 581	13 039,830	209 146,781	16,039	15,571	86	72	24 873	203,057	886,325	4,365	3,897
37	23	97 470	12 316,730	196 106,951	15,922	15,454	87	73	21 412	165,295	683,268	4,134	3,666
38	24	97 351	11 632,876	183 790,221	15,799	15,332	88	74	18 055	131,805	517,973	3,930	3,462
39	25	97 224	10 986,014	172 157,345	15,671	15,203	89	75	15 036	103,793	386,167	3,721	3,253
40	26	97 089	10 374,158	161 171,331	15,536	15,068	90	76	12 285	80,192	282,375	3,521	3,054
41	27	96 930	9 794,086	150 797,173	15,397	14,929	91	77	9 940	61,358	202,183	3,295	2,828
42	28	96 761	9 245,403	141 003,087	15,251	14,784	92	78	7 778	45,400	140,825	3,102	2,634
43	29	96 580	8 726,332	131 757,684	15,099	14,631	93	79	5 886	32,487	95,425	2,937	2,470
44	30	96 368	8 233,698	123 031,351	14,942	14,475	94	80	4 338	22,643	62,938	2,780	2,312
45	31	96 136	7 767,301	114 797,654	14,780	14,312	95	81	3 100	15,302	40,295	2,633	2,166
46	32	95 873	7 324,871	107 030,353	14,612	14,144	96	82	2 145	10,011	24,993	2,497	2,029
47	33	95 576	6 905,121	99 705,481	14,439	13,972	97	83	1 432	6,322	14,983	2,370	1,902
48	34	95 246	6 507,112	92 800,360	14,261	13,794	98	84	922	3,846	8,660	2,252	1,784
49	35	94 871	6 129,079	86 293,249	14,079	13,612	99	85	570	2,248	4,814	2,141	1,674
							100	86	337	1,258	2,566	2,039	1,572

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	5 773,243	80 332,406	13,915	13,447
1							51	36	94 058	5 433,693	74 559,164	13,722	13,254
2							52	37	93 562	5 111,190	69 125,471	13,524	13,057
3							53	38	93 021	4 805,324	64 014,281	13,322	12,854
4							54	39	92 433	4 515,307	59 208,957	13,113	12,645
5							55	40	91 776	4 239,449	54 693,650	12,901	12,434
6							56	41	91 078	3 978,442	50 454,201	12,682	12,214
7							57	42	90 325	3 730,992	46 475,760	12,457	11,989
8							58	43	89 520	3 496,715	42 744,767	12,224	11,757
9							59	44	88 635	3 273,888	39 248,053	11,988	11,521
10							60	45	87 685	3 062,696	35 974,165	11,746	11,278
11							61	46	86 638	2 861,582	32 911,469	11,501	11,034
12							62	47	85 531	2 671,417	30 049,887	11,249	10,781
13							63	48	84 333	2 490,776	27 378,469	10,992	10,524
14							64	49	83 071	2 320,103	24 887,693	10,727	10,259
15	0	99 406	42 974,132	751 172,603	17,480	17,012	65	50	81 706	2 157,894	22 567,590	10,458	9,991
16	1	99 068	40 499,362	708 198,471	17,487	17,019	66	51	80 245	2 004,063	20 409,697	10,184	9,717
17	2	99 011	38 275,027	667 699,109	17,445	16,977	67	52	78 710	1 858,862	18 405,634	9,902	9,434
18	3	98 961	36 175,688	629 424,082	17,399	16,932	68	53	77 077	1 721,317	16 546,772	9,613	9,145
19	4	98 892	34 184,775	593 248,394	17,354	16,887	69	54	75 333	1 590,885	14 825,455	9,319	8,851
20	5	98 826	32 304,528	559 063,619	17,306	16,838	70	55	73 470	1 467,173	13 234,570	9,020	8,553
21	6	98 758	30 527,006	526 759,091	17,256	16,788	71	56	71 478	1 349,797	11 767,398	8,718	8,250
22	7	98 694	28 848,554	496 232,085	17,201	16,734	72	57	69 368	1 238,713	10 417,601	8,410	7,942
23	8	98 631	27 262,329	467 383,531	17,144	16,676	73	58	67 072	1 132,591	9 178,888	8,104	7,637
24	9	98 570	25 764,181	440 121,202	17,083	16,615	74	59	64 626	1 031,946	8 046,297	7,797	7,330
25	10	98 507	24 347,710	414 357,021	17,018	16,551	75	60	61 995	936,118	7 014,351	7,493	7,025
26	11	98 441	23 008,340	390 009,310	16,951	16,483	76	61	59 207	845,410	6 078,233	7,190	6,722
27	12	98 373	21 742,281	367 000,970	16,880	16,412	77	62	56 271	759,792	5 232,823	6,887	6,420
28	13	98 303	20 545,489	345 258,689	16,805	16,337	78	63	53 139	678,489	4 473,030	6,593	6,125
29	14	98 232	19 414,409	324 713,200	16,725	16,258	79	64	49 848	601,861	3 794,541	6,305	5,837
30	15	98 157	18 344,696	305 298,791	16,642	16,175	80	65	46 491	530,808	3 192,680	6,015	5,547
31	16	98 079	17 333,357	286 954,095	16,555	16,087	81	66	42 998	464,240	2 661,872	5,734	5,266
32	17	97 990	16 376,099	269 620,738	16,464	15,997	82	67	39 452	402,794	2 197,633	5,456	4,988
33	18	97 900	15 471,395	253 244,639	16,369	15,901	83	68	35 877	346,376	1 794,839	5,182	4,714
34	19	97 807	14 616,343	237 773,244	16,268	15,800	84	69	32 318	295,048	1 448,463	4,909	4,442
35	20	97 707	13 807,463	223 156,901	16,162	15,694	85	70	28 758	248,274	1 153,414	4,646	4,178
36	21	97 602	13 042,650	209 349,438	16,051	15,584	86	71	25 210	205,803	905,141	4,398	3,931
37	22	97 492	12 319,561	196 306,788	15,935	15,467	87	72	21 748	167,893	699,337	4,165	3,698
38	23	97 373	11 635,522	183 987,228	15,813	15,345	88	73	18 374	134,130	531,444	3,962	3,495
39	24	97 246	10 988,512	172 351,705	15,685	15,217	89	74	15 332	105,838	397,314	3,754	3,286
40	25	97 110	10 376,470	161 363,194	15,551	15,083	90	75	12 565	82,019	291,476	3,554	3,086
41	26	96 956	9 796,704	150 986,723	15,412	14,944	91	76	10 198	62,954	209,456	3,327	2,860
42	27	96 786	9 247,790	141 190,019	15,267	14,800	92	77	8 010	46,753	146,503	3,134	2,666
43	28	96 605	8 728,600	131 942,229	15,116	14,649	93	78	6 088	33,605	99,749	2,968	2,501
44	29	96 394	8 235,982	123 213,629	14,960	14,493	94	79	4 507	23,526	66,144	2,812	2,344
45	30	96 163	7 769,433	114 977,647	14,799	14,331	95	80	3 241	15,996	42,618	2,664	2,197
46	31	95 904	7 327,260	107 208,214	14,631	14,164	96	81	2 256	10,532	26,622	2,528	2,060
47	32	95 609	6 907,513	99 880,954	14,460	13,992	97	82	1 519	6,703	16,090	2,400	1,933
48	33	95 280	6 509,467	92 973,441	14,283	13,815	98	83	986	4,113	9,387	2,282	1,814
49	34	94 910	6 131,567	86 463,974	14,101	13,634	99	84	615	2,428	5,274	2,172	1,704
							100	85	369	1,375	2,845	2,069	1,601

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	5 775,587	80 486,055	13,936	13,468
1							51	35	94 098	5 436,009	74 710,468	13,744	13,276
2							52	36	93 606	5 113,575	69 274,459	13,547	13,080
3							53	37	93 070	4 807,856	64 160,884	13,345	12,877
4							54	38	92 488	4 517,971	59 353,028	13,137	12,670
5							55	39	91 841	4 242,432	54 835,057	12,925	12,458
6							56	40	91 143	3 981,279	50 592,625	12,708	12,240
7							57	41	90 400	3 734,095	46 611,346	12,483	12,015
8							58	42	89 605	3 500,025	42 877,251	12,251	11,783
9							59	43	88 729	3 277,347	39 377,225	12,015	11,547
10							60	44	87 784	3 066,163	36 099,878	11,774	11,306
11							61	45	86 755	2 865,458	33 033,715	11,528	11,061
12							62	46	85 664	2 675,567	30 168,256	11,275	10,808
13							63	47	84 480	2 495,106	27 492,690	11,019	10,551
14							64	48	83 226	2 324,410	24 997,583	10,754	10,287
15							65	49	81 877	2 162,418	22 673,174	10,485	10,018
16	0	99 386	40 629,360	708 574,202	17,440	16,972	66	50	80 433	2 008,756	20 510,756	10,211	9,743
17	1	99 039	38 285,913	667 944,842	17,446	16,979	67	51	78 907	1 863,503	18 502,000	9,929	9,461
18	2	98 977	36 181,521	629 658,929	17,403	16,935	68	52	77 291	1 726,100	16 638,496	9,639	9,172
19	3	98 906	34 189,677	593 477,408	17,358	16,891	69	53	75 563	1 595,734	14 912,397	9,345	8,878
20	4	98 838	32 308,400	559 287,731	17,311	16,843	70	54	73 704	1 471,862	13 316,662	9,047	8,580
21	5	98 767	30 529,768	526 979,331	17,261	16,794	71	55	71 737	1 354,670	11 844,800	8,744	8,276
22	6	98 702	28 850,867	496 449,562	17,207	16,740	72	56	69 632	1 243,429	10 490,130	8,436	7,969
23	7	98 639	27 264,607	467 598,696	17,150	16,683	73	57	67 350	1 137,283	9 246,701	8,131	7,663
24	8	98 576	25 765,782	440 334,089	17,090	16,622	74	58	64 922	1 036,673	8 109,417	7,823	7,355
25	9	98 513	24 349,256	414 568,307	17,026	16,558	75	59	62 293	940,613	7 072,744	7,519	7,052
26	10	98 449	23 010,194	390 219,051	16,959	16,491	76	60	59 533	850,058	6 132,131	7,214	6,746
27	11	98 381	21 744,008	367 208,857	16,888	16,420	77	61	56 593	764,137	5 282,073	6,912	6,445
28	12	98 311	20 547,064	345 464,849	16,813	16,346	78	62	53 474	682,773	4 517,936	6,617	6,149
29	13	98 242	19 416,319	324 917,785	16,734	16,267	79	63	50 182	605,902	3 835,163	6,330	5,862
30	14	98 169	18 346,968	305 501,466	16,651	16,184	80	64	46 828	534,655	3 229,262	6,040	5,572
31	15	98 092	17 335,707	287 154,498	16,564	16,097	81	65	43 334	467,862	2 694,606	5,759	5,292
32	16	98 006	16 378,732	269 818,791	16,474	16,006	82	66	39 779	406,132	2 226,744	5,483	5,015
33	17	97 917	15 474,112	253 440,060	16,378	15,911	83	67	36 204	349,529	1 820,612	5,209	4,741
34	18	97 829	14 619,536	237 965,948	16,277	15,810	84	68	32 638	297,967	1 471,083	4,937	4,469
35	19	97 728	13 810,433	223 346,412	16,172	15,705	85	69	29 077	251,027	1 173,116	4,673	4,206
36	20	97 623	13 045,402	209 535,979	16,062	15,594	86	70	25 514	208,292	922,089	4,427	3,959
37	21	97 513	12 322,224	196 490,577	15,946	15,478	87	71	22 042	170,164	713,797	4,195	3,727
38	22	97 396	11 638,197	184 168,353	15,824	15,357	88	72	18 663	136,239	543,634	3,990	3,523
39	23	97 269	10 991,012	172 530,156	15,697	15,230	89	73	15 602	107,705	407,395	3,783	3,315
40	24	97 132	10 378,830	161 539,144	15,564	15,097	90	74	12 812	83,636	299,690	3,583	3,116
41	25	96 978	9 798,887	151 160,314	15,426	14,959	91	75	10 431	64,388	216,054	3,355	2,888
42	26	96 812	9 250,262	141 361,427	15,282	14,814	92	76	8 218	47,969	151,666	3,162	2,694
43	27	96 630	8 730,853	132 111,165	15,132	14,664	93	77	6 270	34,607	103,697	2,996	2,529
44	28	96 419	8 238,122	123 380,312	14,977	14,509	94	78	4 662	24,335	69,090	2,839	2,371
45	29	96 189	7 771,589	115 142,190	14,816	14,348	95	79	3 367	16,620	44,754	2,693	2,225
46	30	95 931	7 329,272	107 370,601	14,650	14,182	96	80	2 359	11,009	28,134	2,555	2,088
47	31	95 640	6 909,766	100 041,330	14,478	14,011	97	81	1 598	7,052	17,125	2,428	1,961
48	32	95 313	6 511,722	93 131,564	14,302	13,835	98	82	1 045	4,361	10,072	2,309	1,842
49	33	94 944	6 133,787	86 619,841	14,122	13,654	99	83	658	2,597	5,711	2,199	1,732
							100	84	398	1,485	3,114	2,097	1,629

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	5 777,677	80 626,316	13,955	13,487
1							51	34	94 136	5 438,216	74 848,640	13,763	13,296
2							52	35	93 646	5 115,755	69 410,423	13,568	13,100
3							53	36	93 114	4 810,099	64 294,668	13,367	12,899
4							54	37	92 536	4 520,351	59 484,569	13,159	12,692
5							55	38	91 895	4 244,935	54 964,218	12,948	12,481
6							56	39	91 207	3 984,081	50 719,283	12,730	12,263
7							57	40	90 464	3 736,759	46 735,201	12,507	12,039
8							58	41	89 680	3 502,936	42 998,443	12,275	11,807
9							59	42	88 813	3 280,451	39 495,506	12,040	11,572
10							60	43	87 877	3 069,403	36 215,056	11,799	11,331
11							61	44	86 854	2 868,702	33 145,653	11,554	11,087
12							62	45	85 780	2 679,191	30 276,951	11,301	10,833
13							63	46	84 611	2 498,982	27 597,760	11,044	10,576
14							64	47	83 370	2 328,451	25 098,778	10,779	10,312
15							65	48	82 029	2 166,432	22 770,328	10,511	10,043
16							66	49	80 601	2 012,968	20 603,896	10,236	9,768
17	0	99 357	38 408,806	668 292,890	17,399	16,932	67	50	79 092	1 867,868	18 590,928	9,953	9,485
18	1	99 005	36 191,811	629 884,084	17,404	16,936	68	51	77 484	1 730,410	16 723,061	9,664	9,197
19	2	98 922	34 195,190	593 692,272	17,362	16,894	69	52	75 772	1 600,168	14 992,651	9,369	8,902
20	3	98 852	32 313,034	559 497,082	17,315	16,847	70	53	73 929	1 476,349	13 392,482	9,071	8,604
21	4	98 779	30 533,427	527 184,049	17,266	16,798	71	54	71 966	1 359,000	11 916,133	8,768	8,301
22	5	98 711	28 853,477	496 650,621	17,213	16,745	72	55	69 883	1 247,919	10 557,133	8,460	7,992
23	6	98 647	27 266,793	467 797,144	17,156	16,689	73	56	67 606	1 141,614	9 309,215	8,154	7,687
24	7	98 584	25 767,935	440 530,351	17,096	16,628	74	57	65 191	1 040,969	8 167,601	7,846	7,379
25	8	98 519	24 350,769	414 762,417	17,033	16,565	75	58	62 578	944,921	7 126,633	7,542	7,074
26	9	98 455	23 011,655	390 411,648	16,966	16,498	76	59	59 819	854,139	6 181,711	7,237	6,770
27	10	98 389	21 745,760	367 399,993	16,895	16,428	77	60	56 904	768,338	5 327,572	6,934	6,466
28	11	98 318	20 548,696	345 654,233	16,821	16,354	78	61	53 780	686,677	4 559,234	6,640	6,172
29	12	98 250	19 417,807	325 105,537	16,743	16,275	79	62	50 499	609,727	3 872,557	6,351	5,884
30	13	98 179	18 348,773	305 687,730	16,660	16,192	80	63	47 142	538,245	3 262,829	6,062	5,594
31	14	98 104	17 337,853	287 338,958	16,573	16,105	81	64	43 648	471,253	2 724,584	5,782	5,314
32	15	98 019	16 380,952	270 001,104	16,483	16,015	82	65	40 090	409,301	2 253,331	5,505	5,038
33	16	97 933	15 476,600	253 620,152	16,387	15,920	83	66	36 504	352,426	1 844,030	5,232	4,765
34	17	97 846	14 622,103	238 143,552	16,287	15,819	84	67	32 935	300,679	1 491,605	4,961	4,493
35	18	97 750	13 813,450	223 521,449	16,181	15,714	85	68	29 365	253,510	1 190,926	4,698	4,230
36	19	97 644	13 048,208	209 707,999	16,072	15,604	86	69	25 797	210,602	937,416	4,451	3,984
37	20	97 534	12 324,824	196 659,791	15,956	15,489	87	70	22 309	172,221	726,814	4,220	3,753
38	21	97 417	11 640,713	184 334,966	15,835	15,368	88	71	18 915	138,081	554,592	4,016	3,549
39	22	97 291	10 993,538	172 694,254	15,709	15,241	89	72	15 848	109,398	416,511	3,807	3,340
40	23	97 154	10 381,191	161 700,715	15,576	15,109	90	73	13 038	85,111	307,113	3,608	3,141
41	24	97 000	9 801,116	151 319,524	15,439	14,971	91	74	10 636	65,657	222,002	3,381	2,914
42	25	96 834	9 252,323	141 518,408	15,295	14,828	92	75	8 405	49,062	156,345	3,187	2,719
43	26	96 656	8 733,186	132 266,085	15,145	14,678	93	76	6 433	35,507	107,283	3,021	2,554
44	27	96 444	8 240,249	123 532,898	14,991	14,524	94	77	4 801	25,061	71,776	2,864	2,396
45	28	96 214	7 773,608	115 292,650	14,831	14,364	95	78	3 483	17,192	46,715	2,717	2,250
46	29	95 957	7 331,305	107 519,042	14,666	14,198	96	79	2 451	11,439	29,523	2,581	2,113
47	30	95 667	6 911,663	100 187,737	14,495	14,028	97	80	1 670	7,372	18,084	2,453	1,985
48	31	95 344	6 513,846	93 276,074	14,320	13,852	98	81	1 099	4,588	10,711	2,334	1,867
49	32	94 977	6 135,912	86 762,228	14,140	13,672	99	82	698	2,753	6,123	2,224	1,756
							100	83	426	1,589	3,370	2,121	1,654

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	5 779,679	80 754,433	13,972	13,505
1							51	33	94 170	5 440,185	74 974,755	13,782	13,314
2							52	34	93 684	5 117,832	69 534,570	13,587	13,119
3							53	35	93 153	4 812,150	64 416,738	13,386	12,919
4							54	36	92 580	4 522,460	59 604,588	13,180	12,712
5							55	37	91 943	4 247,172	55 082,128	12,969	12,502
6							56	38	91 261	3 986,432	50 834,956	12,752	12,284
7							57	39	90 528	3 739,388	46 848,524	12,528	12,061
8							58	40	89 744	3 505,435	43 109,136	12,298	11,830
9							59	41	88 887	3 283,179	39 603,701	12,063	11,595
10							60	42	87 960	3 072,309	36 320,522	11,822	11,354
11							61	43	86 945	2 871,733	33 248,213	11,578	11,110
12							62	44	85 877	2 682,224	30 376,480	11,325	10,858
13							63	45	84 726	2 502,367	27 694,256	11,067	10,600
14							64	46	83 500	2 332,067	25 191,889	10,802	10,335
15							65	47	82 172	2 170,198	22 859,822	10,534	10,066
16							66	48	80 751	2 016,705	20 689,624	10,259	9,792
17							67	49	79 258	1 871,783	18 672,919	9,976	9,508
18	0	99 323	36 307,983	630 206,558	17,357	16,890	68	50	77 666	1 734,462	16 801,136	9,687	9,219
19	1	98 950	34 204,916	593 898,575	17,363	16,895	69	51	75 962	1 604,164	15 066,673	9,392	8,925
20	2	98 868	32 318,244	559 693,659	17,318	16,851	70	52	74 135	1 480,451	13 462,510	9,094	8,626
21	3	98 793	30 537,806	527 375,415	17,270	16,802	71	53	72 185	1 363,143	11 982,058	8,790	8,322
22	4	98 723	28 856,935	496 837,609	17,217	16,750	72	54	70 107	1 251,907	10 618,916	8,482	8,015
23	5	98 656	27 269,260	467 980,674	17,161	16,694	73	55	67 850	1 145,735	9 367,008	8,176	7,708
24	6	98 592	25 770,001	440 711,414	17,102	16,634	74	56	65 439	1 044,932	8 221,273	7,868	7,400
25	7	98 528	24 352,803	414 941,413	17,039	16,571	75	57	62 838	948,837	7 176,341	7,563	7,096
26	8	98 461	23 013,084	390 588,610	16,972	16,505	76	58	60 093	858,052	6 227,504	7,258	6,790
27	9	98 395	21 747,141	367 575,526	16,902	16,435	77	59	57 177	772,027	5 369,453	6,955	6,487
28	10	98 326	20 550,351	345 828,385	16,828	16,361	78	60	54 076	690,452	4 597,425	6,659	6,191
29	11	98 257	19 419,349	325 278,034	16,750	16,283	79	61	50 788	613,214	3 906,973	6,371	5,904
30	12	98 186	18 350,179	305 858,684	16,668	16,200	80	62	47 440	541,644	3 293,759	6,081	5,613
31	13	98 114	17 339,559	287 508,505	16,581	16,113	81	63	43 941	474,417	2 752,116	5,801	5,333
32	14	98 031	16 382,981	270 168,946	16,491	16,023	82	64	40 380	412,267	2 277,699	5,525	5,057
33	15	97 946	15 478,698	253 785,966	16,396	15,928	83	65	36 789	355,176	1 865,431	5,252	4,785
34	16	97 862	14 624,454	238 307,267	16,295	15,828	84	66	33 208	303,171	1 510,256	4,982	4,514
35	17	97 767	13 815,876	223 682,814	16,190	15,723	85	67	29 632	255,817	1 207,085	4,719	4,251
36	18	97 665	13 051,059	209 866,938	16,080	15,613	86	68	26 053	212,685	951,267	4,473	4,005
37	19	97 555	12 327,476	196 815,879	15,966	15,498	87	69	22 556	174,131	738,582	4,242	3,774
38	20	97 437	11 643,169	184 488,404	15,845	15,378	88	70	19 144	139,751	564,451	4,039	3,571
39	21	97 312	10 995,915	172 845,234	15,719	15,251	89	71	16 062	110,877	424,700	3,830	3,363
40	22	97 177	10 383,578	161 849,319	15,587	15,119	90	72	13 243	86,449	313,823	3,630	3,163
41	23	97 022	9 803,346	151 465,742	15,450	14,983	91	73	10 824	66,815	227,374	3,403	2,935
42	24	96 856	9 254,427	141 662,396	15,308	14,840	92	74	8 571	50,029	160,558	3,209	2,742
43	25	96 678	8 735,133	132 407,969	15,158	14,691	93	75	6 579	36,316	110,529	3,044	2,576
44	26	96 470	8 242,451	123 672,836	15,004	14,537	94	76	4 926	25,713	74,213	2,886	2,419
45	27	96 239	7 775,615	115 430,385	14,845	14,378	95	77	3 587	17,705	48,500	2,739	2,272
46	28	95 982	7 333,210	107 654,770	14,680	14,213	96	78	2 535	11,833	30,796	2,603	2,135
47	29	95 693	6 913,580	100 321,560	14,511	14,043	97	79	1 735	7,660	18,963	2,476	2,008
48	30	95 371	6 515,634	93 407,980	14,336	13,868	98	80	1 149	4,797	11,303	2,357	1,889
49	31	95 008	6 137,913	86 892,346	14,157	13,689	99	81	734	2,897	6,507	2,246	1,779
							100	82	451	1,684	3,610	2,143	1,676

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	5 781,564	80 871,496	13,988	13,520
1							51	32	94 203	5 442,069	75 089,933	13,798	13,330
2							52	33	93 718	5 119,684	69 647,864	13,604	13,136
3							53	34	93 191	4 814,103	64 528,179	13,404	12,936
4							54	35	92 619	4 524,388	59 714,076	13,198	12,731
5							55	36	91 986	4 249,153	55 189,687	12,988	12,521
6							56	37	91 309	3 988,532	50 940,534	12,772	12,304
7							57	38	90 581	3 741,594	46 952,002	12,549	12,081
8							58	39	89 807	3 507,902	43 210,407	12,318	11,850
9							59	40	88 950	3 285,521	39 702,505	12,084	11,617
10							60	41	88 034	3 074,865	36 416,985	11,843	11,376
11							61	42	87 028	2 874,452	33 342,120	11,599	11,132
12							62	43	85 968	2 685,058	30 467,668	11,347	10,880
13							63	44	84 822	2 505,200	27 782,610	11,090	10,622
14							64	45	83 613	2 335,226	25 277,410	10,824	10,357
15							65	46	82 300	2 173,569	22 942,184	10,555	10,087
16							66	47	80 891	2 020,211	20 768,615	10,280	9,813
17							67	48	79 405	1 875,258	18 748,405	9,998	9,530
18							68	49	77 829	1 738,099	16 873,147	9,708	9,240
19	0	99 268	34 314,709	594 197,397	17,316	16,849	69	50	76 140	1 607,921	15 135,048	9,413	8,945
20	1	98 896	32 327,436	559 882,688	17,319	16,852	70	51	74 320	1 484,148	13 527,127	9,114	8,647
21	2	98 809	30 542,730	527 555,252	17,273	16,805	71	52	72 386	1 366,930	12 042,979	8,810	8,343
22	3	98 737	28 861,074	497 012,522	17,221	16,753	72	53	70 320	1 255,724	10 676,049	8,502	8,034
23	4	98 667	27 272,528	468 151,449	17,166	16,698	73	54	68 067	1 149,397	9 420,325	8,196	7,728
24	5	98 601	25 772,332	440 878,920	17,107	16,639	74	55	65 675	1 048,705	8 270,928	7,887	7,419
25	6	98 536	24 354,756	415 106,588	17,044	16,577	75	56	63 077	952,449	7 222,223	7,583	7,115
26	7	98 469	23 015,007	390 751,833	16,978	16,511	76	57	60 342	861,607	6 269,774	7,277	6,809
27	8	98 401	21 748,492	367 736,825	16,909	16,441	77	58	57 439	775,563	5 408,167	6,973	6,506
28	9	98 333	20 551,656	345 988,334	16,835	16,367	78	59	54 335	693,767	4 632,604	6,677	6,210
29	10	98 265	19 420,914	325 436,678	16,757	16,289	79	60	51 067	616,585	3 938,836	6,388	5,921
30	11	98 194	18 351,637	306 015,764	16,675	16,208	80	61	47 711	544,741	3 322,251	6,099	5,631
31	12	98 121	17 340,888	287 664,127	16,589	16,121	81	62	44 219	477,412	2 777,510	5,818	5,350
32	13	98 041	16 384,592	270 323,239	16,499	16,031	82	63	40 651	415,035	2 300,098	5,542	5,074
33	14	97 958	15 480,614	253 938,646	16,404	15,936	83	64	37 055	357,750	1 885,063	5,269	4,802
34	15	97 875	14 626,437	238 458,032	16,303	15,836	84	65	33 467	305,537	1 527,312	4,999	4,531
35	16	97 783	13 818,097	223 831,595	16,198	15,731	85	66	29 878	257,938	1 221,776	4,737	4,269
36	17	97 682	13 053,350	210 013,498	16,089	15,621	86	67	26 290	214,621	963,838	4,491	4,023
37	18	97 576	12 330,169	196 960,148	15,974	15,506	87	68	22 780	175,854	749,217	4,260	3,793
38	19	97 458	11 645,674	184 629,979	15,854	15,386	88	69	19 356	141,301	573,364	4,058	3,590
39	20	97 332	10 998,235	172 984,305	15,728	15,261	89	70	16 256	112,218	432,063	3,850	3,383
40	21	97 198	10 385,822	161 986,070	15,597	15,129	90	71	13 422	87,618	319,845	3,650	3,183
41	22	97 044	9 805,599	151 600,247	15,461	14,993	91	72	10 994	67,866	232,227	3,422	2,954
42	23	96 878	9 256,533	141 794,649	15,318	14,851	92	73	8 722	50,912	164,361	3,228	2,761
43	24	96 700	8 737,119	132 538,116	15,170	14,702	93	74	6 709	37,032	113,449	3,064	2,596
44	25	96 492	8 244,288	123 800,996	15,017	14,549	94	75	5 038	26,299	76,418	2,906	2,438
45	26	96 265	7 777,693	115 556,708	14,857	14,390	95	76	3 680	18,165	50,119	2,759	2,292
46	27	96 007	7 335,103	107 779,016	14,694	14,226	96	77	2 611	12,185	31,954	2,622	2,155
47	28	95 718	6 915,377	100 443,913	14,525	14,057	97	78	1 795	7,923	19,769	2,495	2,027
48	29	95 397	6 517,442	93 528,536	14,350	13,883	98	79	1 194	4,984	11,845	2,377	1,909
49	30	95 034	6 139,598	87 011,094	14,172	13,705	99	80	767	3,028	6,862	2,266	1,798
							100	81	475	1,772	3,834	2,163	1,696

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	5 783,151	80 978,307	14,002	13,535
1							51	31	94 233	5 443,844	75 195,156	13,813	13,345
2							52	32	93 750	5 121,458	69 751,312	13,619	13,152
3							53	33	93 225	4 815,846	64 629,854	13,420	12,953
4							54	34	92 657	4 526,225	59 814,008	13,215	12,747
5							55	35	92 026	4 250,965	55 287,783	13,006	12,538
6							56	36	91 352	3 990,393	51 036,818	12,790	12,322
7							57	37	90 629	3 743,566	47 046,425	12,567	12,100
8							58	38	89 860	3 509,971	43 302,859	12,337	11,870
9							59	39	89 013	3 287,833	39 792,887	12,103	11,635
10							60	40	88 096	3 077,058	36 505,054	11,864	11,396
11							61	41	87 100	2 876,843	33 427,997	11,620	11,152
12							62	42	86 049	2 687,600	30 551,154	11,367	10,900
13							63	43	84 911	2 507,847	27 863,553	11,111	10,643
14							64	44	83 707	2 337,870	25 355,707	10,846	10,378
15							65	45	82 411	2 176,513	23 017,837	10,576	10,108
16							66	46	81 017	2 023,349	20 841,324	10,300	9,833
17							67	47	79 543	1 878,518	18 817,976	10,017	9,550
18							68	48	77 973	1 741,325	16 939,457	9,728	9,260
19							69	49	76 299	1 611,292	15 198,132	9,432	8,965
20	0	99 213	32 431,203	560 159,652	17,272	16,805	70	50	74 494	1 487,624	13 586,840	9,133	8,666
21	1	98 837	30 551,417	527 728,449	17,273	16,806	71	51	72 567	1 370,344	12 099,217	8,829	8,362
22	2	98 753	28 865,727	497 177,033	17,224	16,756	72	52	70 516	1 259,213	10 728,873	8,520	8,053
23	3	98 682	27 276,439	468 311,305	17,169	16,702	73	53	68 275	1 152,901	9 469,660	8,214	7,746
24	4	98 613	25 775,421	441 034,866	17,111	16,643	74	54	65 885	1 052,057	8 316,759	7,905	7,438
25	5	98 545	24 356,959	415 259,445	17,049	16,581	75	55	63 305	955,888	7 264,702	7,600	7,132
26	6	98 477	23 016,853	390 902,486	16,983	16,516	76	56	60 571	864,887	6 308,814	7,294	6,827
27	7	98 409	21 750,309	367 885,633	16,914	16,446	77	57	57 677	778,777	5 443,927	6,990	6,523
28	8	98 339	20 552,933	346 135,324	16,841	16,374	78	58	54 584	696,945	4 665,150	6,694	6,226
29	9	98 272	19 422,147	325 582,392	16,763	16,296	79	59	51 312	619,546	3 968,205	6,405	5,937
30	10	98 202	18 353,115	306 160,245	16,682	16,214	80	60	47 973	547,736	3 348,659	6,114	5,646
31	11	98 129	17 342,266	287 807,129	16,596	16,128	81	61	44 471	480,142	2 800,924	5,834	5,366
32	12	98 049	16 385,848	270 464,864	16,506	16,038	82	62	40 908	417,656	2 320,781	5,557	5,089
33	13	97 968	15 482,137	254 079,015	16,411	15,944	83	63	37 304	360,152	1 903,125	5,284	4,817
34	14	97 887	14 628,247	238 596,878	16,311	15,843	84	64	33 709	307,751	1 542,974	5,014	4,546
35	15	97 796	13 819,971	223 968,631	16,206	15,739	85	65	30 111	259,950	1 235,222	4,752	4,284
36	16	97 698	13 055,449	210 148,660	16,097	15,629	86	66	26 508	216,400	975,272	4,507	4,039
37	17	97 593	12 332,334	197 093,211	15,982	15,514	87	67	22 987	177,454	758,872	4,276	3,809
38	18	97 480	11 648,218	184 760,877	15,862	15,394	88	68	19 548	142,698	581,418	4,074	3,607
39	19	97 353	11 000,601	173 112,659	15,737	15,269	89	69	16 436	113,462	438,720	3,867	3,399
40	20	97 218	10 388,014	162 112,058	15,606	15,138	90	70	13 585	88,678	325,257	3,668	3,200
41	21	97 065	9 807,719	151 724,044	15,470	15,002	91	71	11 143	68,783	236,580	3,439	2,972
42	22	96 900	9 258,661	141 916,325	15,328	14,860	92	72	8 859	51,712	167,796	3,245	2,777
43	23	96 722	8 739,107	132 657,664	15,180	14,712	93	73	6 827	37,685	116,084	3,080	2,613
44	24	96 514	8 246,163	123 918,557	15,027	14,560	94	74	5 138	26,817	78,399	2,923	2,456
45	25	96 286	7 779,426	115 672,395	14,869	14,401	95	75	3 764	18,579	51,582	2,776	2,309
46	26	96 033	7 337,063	107 892,968	14,705	14,238	96	76	2 679	12,502	33,003	2,640	2,172
47	27	95 743	6 917,162	100 555,905	14,537	14,070	97	77	1 849	8,160	20,501	2,513	2,045
48	28	95 422	6 519,135	93 638,743	14,364	13,896	98	78	1 235	5,155	12,342	2,394	1,926
49	29	95 060	6 141,301	87 119,608	14,186	13,718	99	79	797	3,146	7,186	2,284	1,817
							100	80	496	1,852	4,040	2,181	1,713



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 5,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	5 784,755	81 075,892	14,015	13,548
1							51	30	94 259	5 445,339	75 291,136	13,827	13,359
2							52	31	93 781	5 123,128	69 845,798	13,633	13,166
3							53	32	93 257	4 817,514	64 722,670	13,435	12,967
4							54	33	92 690	4 527,863	59 905,155	13,230	12,763
5							55	34	92 063	4 252,691	55 377,292	13,022	12,554
6							56	35	91 391	3 992,094	51 124,601	12,806	12,339
7							57	36	90 671	3 745,313	47 132,507	12,584	12,117
8							58	37	89 907	3 511,821	43 387,194	12,355	11,887
9							59	38	89 065	3 289,772	39 875,373	12,121	11,653
10							60	39	88 158	3 079,223	36 585,601	11,881	11,414
11							61	40	87 162	2 878,895	33 506,377	11,639	11,171
12							62	41	86 121	2 689,836	30 627,482	11,386	10,919
13							63	42	84 992	2 510,221	27 937,647	11,130	10,662
14							64	43	83 796	2 340,340	25 427,426	10,865	10,397
15							65	44	82 504	2 178,977	23 087,086	10,595	10,128
16							66	45	81 127	2 026,089	20 908,109	10,319	9,852
17							67	46	79 666	1 881,436	18 882,020	10,036	9,568
18							68	47	78 109	1 744,352	17 000,584	9,746	9,278
19							69	48	76 441	1 614,283	15 256,231	9,451	8,983
20							70	49	74 650	1 490,742	13 641,948	9,151	8,684
21	0	99 154	30 649,483	527 985,199	17,227	16,759	71	50	72 736	1 373,553	12 151,206	8,847	8,379
22	1	98 781	28 873,937	497 335,716	17,224	16,757	72	51	70 692	1 262,357	10 777,653	8,538	8,070
23	2	98 698	27 280,838	468 461,779	17,172	16,704	73	52	68 464	1 156,105	9 515,296	8,230	7,763
24	3	98 627	25 779,118	441 180,941	17,114	16,646	74	53	66 086	1 055,264	8 359,191	7,921	7,454
25	4	98 556	24 359,879	415 401,824	17,053	16,585	75	54	63 507	958,943	7 303,927	7,617	7,149
26	5	98 486	23 018,935	391 041,945	16,988	16,520	76	55	60 790	868,010	6 344,984	7,310	6,842
27	6	98 417	21 752,053	368 023,010	16,919	16,451	77	56	57 897	781,742	5 476,974	7,006	6,539
28	7	98 347	20 554,650	346 270,958	16,846	16,379	78	57	54 810	699,833	4 695,232	6,709	6,241
29	8	98 278	19 423,353	325 716,308	16,769	16,302	79	58	51 548	622,383	3 995,399	6,420	5,952
30	9	98 208	18 354,281	306 292,954	16,688	16,220	80	59	48 204	550,365	3 373,016	6,129	5,661
31	10	98 137	17 343,663	287 938,674	16,602	16,134	81	60	44 716	482,782	2 822,650	5,847	5,379
32	11	98 056	16 387,150	270 595,011	16,513	16,045	82	61	41 142	420,044	2 339,868	5,571	5,103
33	12	97 975	15 483,324	254 207,861	16,418	15,951	83	62	37 540	362,426	1 919,824	5,297	4,830
34	13	97 897	14 629,687	238 724,537	16,318	15,850	84	63	33 936	309,817	1 557,398	5,027	4,559
35	14	97 808	13 821,682	224 094,850	16,213	15,746	85	64	30 329	261,834	1 247,581	4,765	4,297
36	15	97 711	13 057,219	210 273,169	16,104	15,636	86	65	26 714	218,088	985,747	4,520	4,052
37	16	97 609	12 334,317	197 215,950	15,989	15,522	87	66	23 177	178,925	767,658	4,290	3,823
38	17	97 497	11 650,263	184 881,633	15,869	15,402	88	67	19 725	143,997	588,733	4,089	3,621
39	18	97 375	11 003,005	173 231,370	15,744	15,276	89	68	16 599	114,585	444,736	3,881	3,414
40	19	97 239	10 390,249	162 228,365	15,614	15,146	90	69	13 735	89,661	330,151	3,682	3,215
41	20	97 086	9 809,788	151 838,116	15,478	15,011	91	70	11 278	69,615	240,490	3,455	2,987
42	21	96 921	9 260,662	142 028,328	15,337	14,869	92	71	8 979	52,411	170,875	3,260	2,793
43	22	96 744	8 741,116	132 767,666	15,189	14,721	93	72	6 934	38,277	118,464	3,095	2,627
44	23	96 536	8 248,039	124 026,550	15,037	14,570	94	73	5 228	27,290	80,186	2,938	2,471
45	24	96 308	7 781,195	115 778,511	14,879	14,412	95	74	3 838	18,945	52,896	2,792	2,325
46	25	96 054	7 338,699	107 997,316	14,716	14,249	96	75	2 740	12,787	33,951	2,655	2,188
47	26	95 768	6 919,011	100 658,617	14,548	14,081	97	76	1 897	8,372	21,164	2,528	2,060
48	27	95 447	6 520,818	93 739,607	14,375	13,908	98	77	1 272	5,309	12,792	2,410	1,942
49	28	95 085	6 142,897	87 218,788	14,198	13,731	99	78	825	3,254	7,484	2,299	1,832
							100	79	516	1,925	4,229	2,197	1,730

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	5 786,258	81 165,063	14,027	13,560
1							51	29	94 285	5 446,849	75 378,805	13,839	13,371
2							52	30	93 807	5 124,535	69 931,956	13,646	13,179
3							53	31	93 288	4 819,085	64 807,421	13,448	12,980
4							54	32	92 722	4 529,432	59 988,335	13,244	12,777
5							55	33	92 096	4 254,230	55 458,903	13,036	12,569
6							56	34	91 428	3 993,715	51 204,673	12,821	12,354
7							57	35	90 710	3 746,909	47 210,958	12,600	12,132
8							58	36	89 949	3 513,459	43 464,049	12,371	11,903
9							59	37	89 112	3 291,506	39 950,590	12,137	11,670
10							60	38	88 210	3 081,040	36 659,083	11,898	11,431
11							61	39	87 224	2 880,921	33 578,044	11,655	11,188
12							62	40	86 182	2 691,754	30 697,123	11,404	10,937
13							63	41	85 062	2 512,309	28 005,368	11,147	10,680
14							64	42	83 875	2 342,556	25 493,060	10,883	10,415
15							65	43	82 592	2 181,279	23 150,504	10,613	10,146
16							66	44	81 218	2 028,383	20 969,224	10,338	9,870
17							67	45	79 774	1 883,984	18 940,841	10,054	9,586
18							68	46	78 230	1 747,062	17 056,857	9,763	9,296
19							69	47	76 574	1 617,089	15 309,795	9,468	9,000
20							70	48	74 788	1 493,510	13 692,706	9,168	8,701
21							71	49	72 889	1 376,433	12 199,196	8,863	8,395
22	0	99 098	28 966,619	497 573,773	17,177	16,710	72	50	70 857	1 265,313	10 822,764	8,553	8,086
23	1	98 726	27 288,597	468 607,154	17,172	16,705	73	51	68 635	1 158,992	9 557,450	8,246	7,779
24	2	98 643	25 783,274	441 318,557	17,116	16,649	74	52	66 270	1 058,196	8 398,459	7,937	7,469
25	3	98 570	24 363,372	415 535,283	17,056	16,588	75	53	63 701	961,867	7 340,263	7,631	7,164
26	4	98 498	23 021,694	391 171,911	16,991	16,524	76	54	60 984	870,785	6 378,396	7,325	6,857
27	5	98 426	21 754,021	368 150,217	16,923	16,456	77	55	58 106	784,564	5 507,612	7,020	6,552
28	6	98 355	20 556,298	346 396,197	16,851	16,384	78	56	55 019	702,497	4 723,047	6,723	6,256
29	7	98 286	19 424,976	325 839,898	16,774	16,307	79	57	51 761	624,962	4 020,550	6,433	5,966
30	8	98 215	18 355,421	306 414,922	16,693	16,226	80	58	48 425	552,886	3 395,588	6,142	5,674
31	9	98 143	17 344,764	288 059,502	16,608	16,140	81	59	44 931	485,100	2 842,701	5,860	5,392
32	10	98 064	16 388,470	270 714,738	16,519	16,051	82	60	41 368	422,353	2 357,601	5,582	5,114
33	11	97 983	15 484,554	254 326,268	16,425	15,957	83	61	37 754	364,498	1 935,248	5,309	4,842
34	12	97 904	14 630,808	238 841,713	16,325	15,857	84	62	34 150	311,773	1 570,749	5,038	4,571
35	13	97 818	13 823,041	224 210,905	16,220	15,753	85	63	30 533	263,592	1 258,976	4,776	4,309
36	14	97 723	13 058,836	210 387,864	16,111	15,643	86	64	26 908	219,669	995,384	4,531	4,064
37	15	97 622	12 335,989	197 329,028	15,996	15,529	87	65	23 358	180,321	775,715	4,302	3,834
38	16	97 512	11 652,137	184 993,039	15,876	15,409	88	66	19 889	145,191	595,393	4,101	3,633
39	17	97 392	11 004,936	173 340,903	15,751	15,284	89	67	16 750	115,628	450,203	3,894	3,426
40	18	97 260	10 392,519	162 335,966	15,620	15,153	90	68	13 871	90,548	334,575	3,695	3,227
41	19	97 107	9 811,899	151 943,448	15,486	15,018	91	69	11 403	70,387	244,027	3,467	2,999
42	20	96 941	9 262,617	142 131,549	15,345	14,877	92	70	9 087	53,045	173,640	3,273	2,806
43	21	96 765	8 743,006	132 868,933	15,197	14,730	93	71	7 028	38,795	120,595	3,109	2,641
44	22	96 558	8 249,935	124 125,927	15,046	14,578	94	72	5 310	27,719	81,800	2,951	2,483
45	23	96 330	7 782,966	115 875,992	14,888	14,421	95	73	3 906	19,279	54,081	2,805	2,338
46	24	96 076	7 340,367	108 093,027	14,726	14,258	96	74	2 794	13,039	34,802	2,669	2,201
47	25	95 790	6 920,553	100 752,659	14,558	14,091	97	75	1 940	8,563	21,763	2,542	2,074
48	26	95 472	6 522,561	93 832,106	14,386	13,918	98	76	1 305	5,447	13,200	2,423	1,956
49	27	95 109	6 144,483	87 309,546	14,209	13,742	99	77	849	3,352	7,753	2,313	1,846
							100	78	533	1,991	4,402	2,211	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	5 787,752	81 246,644	14,038	13,570
1							51	28	94 310	5 448,264	75 458,892	13,850	13,383
2							52	29	93 833	5 125,956	70 010,627	13,658	13,190
3							53	30	93 313	4 820,408	64 884,671	13,460	12,993
4							54	31	92 753	4 530,909	60 064,263	13,257	12,789
5							55	32	92 128	4 255,704	55 533,353	13,049	12,582
6							56	33	91 461	3 995,160	51 277,649	12,835	12,367
7							57	34	90 747	3 748,431	47 282,489	12,614	12,146
8							58	35	89 987	3 514,957	43 534,058	12,385	11,918
9							59	36	89 154	3 293,042	40 019,101	12,153	11,685
10							60	37	88 257	3 082,663	36 726,059	11,914	11,446
11							61	38	87 275	2 882,621	33 643,396	11,671	11,204
12							62	39	86 243	2 693,649	30 760,775	11,420	10,952
13							63	40	85 123	2 514,101	28 067,127	11,164	10,696
14							64	41	83 945	2 344,504	25 553,026	10,899	10,432
15							65	42	82 670	2 183,345	23 208,522	10,630	10,162
16							66	43	81 304	2 030,526	21 025,177	10,355	9,887
17							67	44	79 865	1 886,117	18 994,651	10,071	9,603
18							68	45	78 336	1 749,428	17 108,534	9,780	9,312
19							69	46	76 693	1 619,601	15 359,106	9,483	9,016
20							70	47	74 918	1 496,106	13 739,505	9,184	8,716
21							71	48	73 024	1 378,988	12 243,398	8,879	8,411
22							72	49	71 006	1 267,966	10 864,411	8,568	8,101
23	0	99 043	27 376,190	468 827,916	17,125	16,658	73	50	68 796	1 161,706	9 596,445	8,261	7,793
24	1	98 671	25 790,607	441 451,726	17,117	16,649	74	51	66 435	1 060,838	8 434,739	7,951	7,483
25	2	98 586	24 367,300	415 661,118	17,058	16,591	75	52	63 878	964,539	7 373,901	7,645	7,177
26	3	98 512	23 024,995	391 293,818	16,994	16,527	76	53	61 170	873,439	6 409,361	7,338	6,870
27	4	98 438	21 756,628	368 268,823	16,927	16,459	77	54	58 291	787,072	5 535,922	7,034	6,566
28	5	98 364	20 558,158	346 512,195	16,855	16,388	78	55	55 218	705,034	4 748,850	6,736	6,268
29	6	98 294	19 426,534	325 954,037	16,779	16,311	79	56	51 958	627,342	4 043,816	6,446	5,978
30	7	98 223	18 356,954	306 527,503	16,698	16,231	80	57	48 625	555,177	3 416,475	6,154	5,686
31	8	98 149	17 345,841	288 170,549	16,613	16,146	81	58	45 136	487,322	2 861,297	5,871	5,404
32	9	98 070	16 389,511	270 824,708	16,524	16,057	82	59	41 567	424,381	2 373,975	5,594	5,126
33	10	97 991	15 485,802	254 435,197	16,430	15,963	83	60	37 962	366,502	1 949,594	5,319	4,852
34	11	97 912	14 631,970	238 949,395	16,331	15,863	84	61	34 345	313,556	1 583,092	5,049	4,581
35	12	97 825	13 824,101	224 317,425	16,227	15,759	85	62	30 725	265,257	1 269,535	4,786	4,318
36	13	97 733	13 060,120	210 493,324	16,117	15,650	86	63	27 089	221,144	1 004,279	4,541	4,074
37	14	97 634	12 337,516	197 433,204	16,003	15,535	87	64	23 528	181,628	783,135	4,312	3,844
38	15	97 526	11 653,716	185 095,687	15,883	15,415	88	65	20 044	146,324	601,507	4,111	3,643
39	16	97 407	11 006,706	173 441,971	15,758	15,290	89	66	16 889	116,586	455,184	3,904	3,437
40	17	97 277	10 394,343	162 435,265	15,627	15,160	90	67	13 997	91,372	338,597	3,706	3,238
41	18	97 128	9 814,042	152 040,922	15,492	15,025	91	68	11 515	71,083	247,225	3,478	3,010
42	19	96 962	9 264,609	142 226,880	15,352	14,884	92	69	9 188	53,633	176,142	3,284	2,817
43	20	96 785	8 744,851	132 962,271	15,205	14,737	93	70	7 113	39,264	122,509	3,120	2,653
44	21	96 579	8 251,718	124 217,420	15,054	14,586	94	71	5 382	28,094	83,245	2,963	2,496
45	22	96 352	7 784,755	115 965,702	14,897	14,429	95	72	3 967	19,582	55,151	2,816	2,349
46	23	96 098	7 342,037	108 180,947	14,734	14,267	96	73	2 843	13,269	35,568	2,681	2,213
47	24	95 811	6 922,127	100 838,910	14,568	14,100	97	74	1 978	8,731	22,299	2,554	2,086
48	25	95 493	6 524,015	93 916,783	14,396	13,928	98	75	1 335	5,571	13,568	2,435	1,968
49	26	95 135	6 146,125	87 392,769	14,219	13,752	99	76	871	3,439	7,997	2,326	1,858
							100	77	549	2,050	4,558	2,223	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	5 789,299	81 321,442	14,047	13,579
1							51	27	94 334	5 449,671	75 532,143	13,860	13,392
2							52	28	93 857	5 127,288	70 082,472	13,669	13,201
3							53	29	93 339	4 821,746	64 955,184	13,471	13,004
4							54	30	92 778	4 532,153	60 133,438	13,268	12,801
5							55	31	92 158	4 257,092	55 601,285	13,061	12,593
6							56	32	91 493	3 996,545	51 344,193	12,847	12,380
7							57	33	90 780	3 749,787	47 347,648	12,627	12,159
8							58	34	90 024	3 516,384	43 597,861	12,398	11,931
9							59	35	89 192	3 294,446	40 081,477	12,166	11,699
10							60	36	88 298	3 084,102	36 787,031	11,928	11,460
11							61	37	87 321	2 884,140	33 702,929	11,686	11,218
12							62	38	86 294	2 695,238	30 818,790	11,435	10,967
13							63	39	85 183	2 515,870	28 123,552	11,178	10,711
14							64	40	84 005	2 346,176	25 607,682	10,915	10,447
15							65	41	82 739	2 185,161	23 261,506	10,645	10,178
16							66	42	81 381	2 032,449	21 076,345	10,370	9,902
17							67	43	79 949	1 888,110	19 043,896	10,086	9,619
18							68	44	78 425	1 751,409	17 155,786	9,795	9,328
19							69	45	76 797	1 621,795	15 404,378	9,498	9,031
20							70	46	75 035	1 498,430	13 782,583	9,198	8,730
21							71	47	73 151	1 381,385	12 284,153	8,893	8,425
22							72	48	71 138	1 270,320	10 902,768	8,583	8,115
23							73	49	68 940	1 164,141	9 632,448	8,274	7,807
24	0	98 988	25 873,392	441 656,482	17,070	16,602	74	50	66 591	1 063,323	8 468,307	7,964	7,496
25	1	98 614	24 374,231	415 783,090	17,058	16,591	75	51	64 037	966,948	7 404,984	7,658	7,191
26	2	98 528	23 028,708	391 408,859	16,997	16,529	76	52	61 340	875,866	6 438,036	7,350	6,883
27	3	98 452	21 759,748	368 380,151	16,929	16,462	77	53	58 469	789,472	5 562,170	7,045	6,578
28	4	98 375	20 560,622	346 620,403	16,858	16,391	78	54	55 394	707,287	4 772,699	6,748	6,280
29	5	98 303	19 428,291	326 059,781	16,783	16,315	79	55	52 146	629,607	4 065,411	6,457	5,989
30	6	98 231	18 358,426	306 631,490	16,702	16,235	80	56	48 810	557,291	3 435,805	6,165	5,698
31	7	98 157	17 347,291	288 273,064	16,618	16,150	81	57	45 323	489,341	2 878,514	5,882	5,415
32	8	98 077	16 390,529	270 925,773	16,529	16,062	82	58	41 757	426,325	2 389,172	5,604	5,137
33	9	97 997	15 486,785	254 535,245	16,436	15,968	83	59	38 144	368,262	1 962,847	5,330	4,862
34	10	97 920	14 633,149	239 048,460	16,336	15,869	84	60	34 534	315,280	1 594,585	5,058	4,590
35	11	97 833	13 825,199	224 415,311	16,232	15,765	85	61	30 901	266,773	1 279,305	4,795	4,328
36	12	97 740	13 061,122	210 590,112	16,123	15,656	86	62	27 260	222,540	1 012,532	4,550	4,082
37	13	97 644	12 338,730	197 528,990	16,009	15,541	87	63	23 685	182,848	789,992	4,320	3,853
38	14	97 538	11 655,159	185 190,260	15,889	15,422	88	64	20 189	147,384	607,144	4,119	3,652
39	15	97 421	11 008,198	173 535,101	15,764	15,297	89	65	17 021	117,496	459,760	3,913	3,445
40	16	97 293	10 396,015	162 526,903	15,634	15,166	90	66	14 113	92,129	342,264	3,715	3,247
41	17	97 145	9 815,765	152 130,888	15,499	15,031	91	67	11 620	71,730	250,135	3,487	3,020
42	18	96 983	9 266,633	142 315,123	15,358	14,890	92	68	9 279	54,164	178,405	3,294	2,826
43	19	96 806	8 746,732	133 048,490	15,211	14,744	93	69	7 192	39,699	124,241	3,130	2,662
44	20	96 599	8 253,460	124 301,758	15,061	14,593	94	70	5 447	28,434	84,541	2,973	2,506
45	21	96 373	7 786,438	116 048,299	14,904	14,436	95	71	4 021	19,847	56,108	2,827	2,359
46	22	96 120	7 343,725	108 261,861	14,742	14,275	96	72	2 888	13,478	36,261	2,690	2,223
47	23	95 833	6 923,701	100 918,136	14,576	14,108	97	73	2 013	8,885	22,783	2,564	2,097
48	24	95 515	6 525,498	93 994,434	14,404	13,937	98	74	1 361	5,681	13,898	2,446	1,979
49	25	95 156	6 147,495	87 468,936	14,228	13,761	99	75	891	3,517	8,217	2,336	1,869
							100	76	564	2,104	4,700	2,234	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	5 790,589	81 389,881	14,056	13,588
1							51	26	94 359	5 451,127	75 599,292	13,869	13,401
2							52	27	93 881	5 128,612	70 148,165	13,678	13,210
3							53	28	93 363	4 822,998	65 019,553	13,481	13,014
4							54	29	92 804	4 533,411	60 196,554	13,278	12,811
5							55	30	92 183	4 258,261	55 663,144	13,072	12,604
6							56	31	91 522	3 997,848	51 404,883	12,858	12,391
7							57	32	90 811	3 751,086	47 407,035	12,638	12,171
8							58	33	90 057	3 517,657	43 655,949	12,411	11,943
9							59	34	89 228	3 295,783	40 138,292	12,179	11,711
10							60	35	88 336	3 085,417	36 842,509	11,941	11,473
11							61	36	87 362	2 885,485	33 757,092	11,699	11,231
12							62	37	86 339	2 696,658	30 871,607	11,448	10,981
13							63	38	85 233	2 517,354	28 174,949	11,192	10,725
14							64	39	84 064	2 347,828	25 657,595	10,928	10,461
15							65	40	82 798	2 186,719	23 309,767	10,660	10,192
16							66	41	81 449	2 034,139	21 123,048	10,384	9,917
17							67	42	80 025	1 889,898	19 088,909	10,100	9,633
18							68	43	78 508	1 753,259	17 199,011	9,810	9,342
19							69	44	76 884	1 623,631	15 445,752	9,513	9,046
20							70	45	75 136	1 500,460	13 822,121	9,212	8,744
21							71	46	73 265	1 383,531	12 321,661	8,906	8,438
22							72	47	71 261	1 272,528	10 938,131	8,596	8,128
23							73	48	69 068	1 166,302	9 665,602	8,287	7,820
24							74	49	66 730	1 065,552	8 499,300	7,976	7,509
25	0	98 931	24 452,469	415 973,028	17,011	16,544	75	50	64 187	969,212	7 433,748	7,670	7,202
26	1	98 556	23 035,258	391 520,559	16,997	16,529	76	51	61 494	878,053	6 464,536	7,362	6,895
27	2	98 468	21 763,257	368 485,301	16,932	16,464	77	52	58 631	791,665	5 586,483	7,057	6,589
28	3	98 390	20 563,570	346 722,045	16,861	16,393	78	53	55 563	709,443	4 794,818	6,759	6,291
29	4	98 314	19 430,620	326 158,474	16,786	16,318	79	54	52 312	631,619	4 085,374	6,468	6,001
30	5	98 239	18 360,087	306 727,854	16,706	16,239	80	55	48 987	559,303	3 453,755	6,175	5,708
31	6	98 165	17 348,682	288 367,767	16,622	16,154	81	56	45 496	491,204	2 894,452	5,893	5,425
32	7	98 085	16 391,898	271 019,086	16,534	16,066	82	57	41 930	428,092	2 403,248	5,614	5,146
33	8	98 003	15 487,747	254 627,188	16,441	15,973	83	58	38 319	369,949	1 975,156	5,339	4,871
34	9	97 926	14 634,078	239 139,441	16,341	15,874	84	59	34 700	316,794	1 605,207	5,067	4,599
35	10	97 841	13 826,313	224 505,363	16,238	15,770	85	60	31 071	268,240	1 288,413	4,803	4,336
36	11	97 748	13 062,159	210 679,050	16,129	15,661	86	61	27 416	223,813	1 020,173	4,558	4,091
37	12	97 651	12 339,676	197 616,891	16,015	15,547	87	62	23 835	184,002	796,361	4,328	3,860
38	13	97 547	11 656,306	185 277,215	15,895	15,427	88	63	20 325	148,374	612,359	4,127	3,660
39	14	97 433	11 009,561	173 620,909	15,770	15,302	89	64	17 144	118,347	463,985	3,921	3,453
40	15	97 306	10 397,424	162 611,348	15,640	15,172	90	65	14 224	92,848	345,638	3,723	3,255
41	16	97 160	9 817,344	152 213,924	15,505	15,037	91	66	11 717	72,325	252,790	3,495	3,028
42	17	97 001	9 268,260	142 396,580	15,364	14,896	92	67	9 364	54,657	180,465	3,302	2,834
43	18	96 827	8 748,643	133 128,320	15,217	14,749	93	68	7 263	40,092	125,808	3,138	2,670
44	19	96 620	8 255,235	124 379,678	15,067	14,599	94	69	5 508	28,749	85,716	2,982	2,514
45	20	96 393	7 788,081	116 124,443	14,911	14,443	95	70	4 070	20,087	56,967	2,836	2,368
46	21	96 141	7 345,313	108 336,362	14,749	14,281	96	71	2 927	13,660	36,880	2,700	2,232
47	22	95 855	6 925,293	100 991,049	14,583	14,115	97	72	2 045	9,025	23,220	2,573	2,105
48	23	95 537	6 526,983	94 065,757	14,412	13,944	98	73	1 385	5,781	14,195	2,455	1,988
49	24	95 178	6 148,893	87 538,774	14,237	13,769	99	74	909	3,586	8,414	2,346	1,878
							100	75	576	2,152	4,827	2,244	1,776

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 714 667,267	17,147	16,679	50	50	93 003	5 048,987	65 391,705	12,951	12,483
1	1	99 275	93 655,799	1 614 667,267	17,240	16,772	51	51	92 389	4 731,765	60 342,718	12,753	12,285
2	2	99 212	88 297,966	1 521 011,467	17,226	16,758	52	52	91 717	4 431,433	55 610,953	12,549	12,081
3	3	99 177	83 270,507	1 432 713,501	17,206	16,738	53	53	90 982	4 147,086	51 179,520	12,341	11,873
4	4	99 147	78 533,959	1 349 442,994	17,183	16,715	54	54	90 185	3 878,077	47 032,434	12,128	11,660
5	5	99 121	74 069,087	1 270 909,035	17,158	16,690	55	55	89 321	3 623,536	43 154,357	11,909	11,441
6	6	99 101	69 862,092	1 196 839,948	17,131	16,663	56	56	88 386	3 382,635	39 530,820	11,686	11,218
7	7	99 082	65 895,401	1 126 977,857	17,103	16,635	57	57	87 395	3 155,380	36 148,185	11,456	10,988
8	8	99 064	62 154,268	1 061 082,455	17,072	16,604	58	58	86 341	2 940,881	32 992,805	11,219	10,751
9	9	99 049	58 626,823	998 928,187	17,039	16,571	59	59	85 187	2 737,344	30 051,924	10,978	10,511
10	10	99 034	55 300,065	940 301,365	17,004	16,536	60	60	83 967	2 545,395	27 314,580	10,731	10,263
11	11	99 017	52 161,005	885 001,300	16,967	16,499	61	61	82 622	2 362,864	24 769,185	10,483	10,015
12	12	99 000	49 199,803	832 840,295	16,928	16,460	62	62	81 229	2 191,526	22 406,321	10,224	9,756
13	13	98 982	46 406,497	783 640,492	16,886	16,418	63	63	79 727	2 029,246	20 214,795	9,962	9,494
14	14	98 963	43 771,575	737 233,994	16,843	16,375	64	64	78 155	1 876,642	18 185,549	9,690	9,223
15	15	98 935	41 282,018	693 462,419	16,798	16,330	65	65	76 477	1 732,414	16 308,908	9,414	8,946
16	16	98 902	38 932,242	652 180,401	16,752	16,284	66	66	74 702	1 596,423	14 576,493	9,131	8,663
17	17	98 856	36 711,737	613 248,159	16,704	16,236	67	67	72 853	1 468,780	12 980,070	8,837	8,369
18	18	98 805	34 615,811	576 536,422	16,655	16,187	68	68	70 895	1 348,389	11 511,290	8,537	8,069
19	19	98 729	32 631,148	541 920,611	16,607	16,139	69	69	68 821	1 234,851	10 162,902	8,230	7,762
20	20	98 654	30 760,698	509 289,463	16,556	16,089	70	70	66 595	1 127,270	8 928,051	7,920	7,452
21	21	98 574	28 996,071	478 528,765	16,503	16,035	71	71	64 247	1 025,969	7 800,781	7,603	7,135
22	22	98 497	27 333,449	449 532,693	16,446	15,978	72	72	61 752	930,310	6 774,812	7,282	6,814
23	23	98 419	25 765,842	422 199,244	16,386	15,918	73	73	59 028	838,933	5 844,502	6,967	6,499
24	24	98 342	24 288,485	396 433,403	16,322	15,854	74	74	56 145	752,793	5 005,569	6,649	6,181
25	25	98 263	22 895,257	372 144,918	16,254	15,786	75	75	53 072	671,320	4 252,776	6,335	5,867
26	26	98 183	21 581,688	349 249,661	16,183	15,715	76	76	49 829	594,615	3 581,456	6,023	5,555
27	27	98 097	20 342,212	327 667,973	16,108	15,640	77	77	46 421	522,593	2 986,841	5,715	5,247
28	28	98 010	19 173,669	307 325,761	16,029	15,561	78	78	42 837	454,946	2 464,247	5,417	4,949
29	29	97 924	18 072,463	288 152,091	15,944	15,476	79	79	39 108	391,836	2 009,301	5,128	4,660
30	30	97 833	17 033,799	270 079,628	15,856	15,388	80	80	35 359	334,221	1 617,466	4,840	4,372
31	31	97 742	16 054,539	253 045,830	15,762	15,294	81	81	31 529	281,146	1 283,245	4,564	4,096
32	32	97 637	15 129,631	236 991,290	15,664	15,196	82	82	27 725	233,230	1 002,099	4,297	3,829
33	33	97 531	14 257,641	221 861,659	15,561	15,093	83	83	23 995	190,429	768,869	4,038	3,570
34	34	97 425	13 435,974	207 604,018	15,451	14,983	84	84	20 410	152,812	578,440	3,785	3,317
35	35	97 306	12 660,066	194 168,045	15,337	14,869	85	85	17 005	120,109	425,628	3,544	3,076
36	36	97 181	11 928,036	181 507,979	15,217	14,749	86	86	13 800	91,955	305,518	3,322	2,855
37	37	97 047	11 237,356	169 579,943	15,091	14,623	87	87	10 900	68,520	213,564	3,117	2,649
38	38	96 900	10 585,231	158 342,587	14,959	14,491	88	88	8 281	49,110	145,043	2,953	2,485
39	39	96 738	9 969,434	147 757,356	14,821	14,353	89	89	6 150	34,406	95,933	2,788	2,320
40	40	96 557	9 387,480	137 787,922	14,678	14,210	90	90	4 421	23,333	61,527	2,637	2,169
41	41	96 357	8 837,735	128 400,442	14,529	14,061	91	91	3 126	15,566	38,194	2,454	1,986
42	42	96 134	8 318,183	119 562,707	14,374	13,906	92	92	2 083	9,784	22,628	2,313	1,845
43	43	95 888	7 827,277	111 244,524	14,212	13,744	93	93	1 322	5,860	12,844	2,192	1,724
44	44	95 602	7 362,243	103 417,247	14,047	13,579	94	94	803	3,358	6,984	2,080	1,612
45	45	95 291	6 922,895	96 055,004	13,875	13,407	95	95	465	1,833	3,627	1,978	1,511
46	46	94 933	6 506,477	89 132,110	13,699	13,231	96	96	256	0,951	1,794	1,886	1,418
47	47	94 524	6 111,785	82 625,633	13,519	13,051	97	97	133	0,468	0,843	1,802	1,334
48	48	94 068	5 738,024	76 513,848	13,335	12,867	98	98	66	0,217	0,375	1,726	1,258
49	49	93 563	5 384,119	70 775,823	13,145	12,677	99	99	30	0,095	0,158	1,657	1,189
							100	100	13	0,039	0,063	1,594	1,126

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 713 480,846	17,190	16,722	50	51	92 786	5 037,190	64 870,951	12,878	12,410
1	2	99 247	93 629,170	1 613 800,807	17,236	16,768	51	52	92 159	4 719,980	59 833,761	12,677	12,209
2	3	99 196	88 283,731	1 520 171,637	17,219	16,751	52	53	91 463	4 419,154	55 113,782	12,472	12,004
3	4	99 162	83 258,568	1 431 887,907	17,198	16,730	53	54	90 705	4 134,482	50 694,627	12,261	11,793
4	5	99 135	78 524,547	1 348 629,339	17,175	16,707	54	55	89 897	3 865,721	46 560,145	12,044	11,576
5	6	99 112	74 062,386	1 270 104,792	17,149	16,681	55	56	89 000	3 610,501	42 694,424	11,825	11,357
6	7	99 093	69 856,490	1 196 042,406	17,121	16,653	56	57	88 051	3 369,805	39 083,924	11,598	11,130
7	8	99 074	65 889,896	1 126 185,915	17,092	16,624	57	58	87 034	3 142,360	35 714,118	11,365	10,897
8	9	99 058	62 150,407	1 060 296,019	17,060	16,592	58	59	85 947	2 927,471	32 571,758	11,126	10,658
9	10	99 042	58 623,101	998 145,612	17,026	16,559	59	60	84 780	2 724,264	29 644,287	10,882	10,414
10	11	99 026	55 295,610	939 522,511	16,991	16,523	60	61	83 508	2 531,477	26 920,023	10,634	10,166
11	12	99 009	52 156,862	884 226,901	16,953	16,485	61	62	82 152	2 349,430	24 388,545	10,381	9,913
12	13	98 992	49 196,032	832 070,039	16,913	16,445	62	63	80 719	2 177,774	22 039,116	10,120	9,652
13	14	98 972	46 401,932	782 874,007	16,872	16,404	63	64	79 195	2 015,714	19 861,341	9,853	9,385
14	15	98 951	43 766,157	736 472,075	16,827	16,359	64	65	77 593	1 863,138	17 845,628	9,578	9,110
15	16	98 921	41 276,422	692 705,918	16,782	16,314	65	66	75 885	1 719,001	15 982,490	9,298	8,830
16	17	98 886	38 925,984	651 429,496	16,735	16,267	66	67	74 088	1 583,301	14 263,489	9,009	8,541
17	18	98 839	36 705,293	612 503,513	16,687	16,219	67	68	72 196	1 455,532	12 680,188	8,712	8,244
18	19	98 784	34 608,250	575 798,220	16,638	16,170	68	69	70 200	1 335,181	11 224,656	8,407	7,939
19	20	98 708	32 624,130	541 189,971	16,589	16,121	69	70	68 066	1 221,307	9 889,475	8,097	7,629
20	21	98 633	30 754,208	508 565,840	16,536	16,068	70	71	65 799	1 113,801	8 668,168	7,783	7,315
21	22	98 553	28 989,804	477 811,632	16,482	16,014	71	72	63 389	1 012,280	7 554,367	7,463	6,995
22	23	98 474	27 327,168	448 821,828	16,424	15,956	72	73	60 796	915,914	6 542,087	7,143	6,675
23	24	98 397	25 759,981	421 494,660	16,362	15,894	73	74	58 004	824,389	5 626,173	6,825	6,357
24	25	98 320	24 282,963	395 734,679	16,297	15,829	74	75	55 060	738,246	4 801,784	6,504	6,036
25	26	98 242	22 890,155	371 451,717	16,228	15,760	75	76	51 890	656,362	4 063,538	6,191	5,723
26	27	98 157	21 575,922	348 561,561	16,155	15,687	76	77	48 566	579,543	3 407,175	5,879	5,411
27	28	98 072	20 336,961	326 985,639	16,078	15,610	77	78	45 077	507,462	2 827,632	5,572	5,104
28	29	97 984	19 168,689	306 648,678	15,997	15,529	78	79	41 412	439,815	2 320,170	5,275	4,807
29	30	97 896	18 067,450	287 479,989	15,911	15,444	79	80	37 640	377,122	1 880,355	4,986	4,518
30	31	97 807	17 029,124	269 412,538	15,821	15,353	80	81	33 826	319,725	1 503,233	4,702	4,234
31	32	97 710	16 049,305	252 383,414	15,726	15,258	81	82	29 968	267,230	1 183,508	4,429	3,961
32	33	97 604	15 124,391	236 334,109	15,626	15,158	82	83	26 148	219,967	916,278	4,166	3,698
33	34	97 495	14 252,483	221 209,718	15,521	15,053	83	84	22 436	178,059	696,311	3,911	3,443
34	35	97 385	13 430,521	206 957,235	15,409	14,942	84	85	18 900	141,506	518,252	3,662	3,194
35	36	97 265	12 654,671	193 526,714	15,293	14,825	85	86	15 555	109,865	376,746	3,429	2,961
36	37	97 135	11 922,473	180 872,044	15,171	14,703	86	87	12 466	83,067	266,882	3,213	2,745
37	38	96 996	11 231,438	168 949,570	15,043	14,575	87	88	9 650	60,664	183,814	3,030	2,562
38	39	96 843	10 578,990	157 718,133	14,909	14,441	88	89	7 242	42,949	123,150	2,867	2,399
39	40	96 670	9 962,423	147 139,143	14,769	14,301	89	90	5 290	29,597	80,202	2,710	2,242
40	41	96 488	9 380,788	137 176,720	14,623	14,155	90	91	3 766	19,875	50,605	2,546	2,078
41	42	96 277	8 830,391	127 795,931	14,472	14,004	91	92	2 585	12,871	30,730	2,388	1,920
42	43	96 043	8 310,315	118 965,540	14,315	13,847	92	93	1 689	7,935	17,859	2,251	1,783
43	44	95 786	7 819,015	110 655,226	14,152	13,684	93	94	1 049	4,647	9,924	2,135	1,667
44	45	95 494	7 353,918	102 836,211	13,984	13,516	94	95	622	2,601	5,276	2,029	1,561
45	46	95 162	6 913,531	95 482,293	13,811	13,343	95	96	351	1,385	2,675	1,932	1,464
46	47	94 785	6 496,386	88 568,762	13,634	13,166	96	97	188	0,700	1,290	1,844	1,376
47	48	94 360	6 101,178	82 072,376	13,452	12,984	97	98	95	0,335	0,590	1,764	1,296
48	49	93 894	5 727,392	75 971,198	13,265	12,797	98	99	46	0,151	0,256	1,691	1,223
49	50	93 367	5 372,855	70 243,806	13,074	12,606	99	100	21	0,064	0,104	1,625	1,157

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 712 539,363	17,185	16,717	50	52	92 555	5 024,643	64 308,913	12,799	12,331
1	3	99 231	93 614,075	1 612 887,667	17,229	16,761	51	53	91 904	4 706,901	59 284,270	12,595	12,127
2	4	99 181	88 271,072	1 519 273,591	17,211	16,743	52	54	91 185	4 405,723	54 577,368	12,388	11,920
3	5	99 150	83 248,589	1 431 002,519	17,190	16,722	53	55	90 416	4 121,309	50 171,645	12,174	11,706
4	6	99 126	78 517,443	1 347 753,930	17,165	16,697	54	56	89 574	3 851,814	46 050,336	11,955	11,488
5	7	99 104	74 056,448	1 269 236,486	17,139	16,671	55	57	88 662	3 596,806	42 198,522	11,732	11,264
6	8	99 084	69 850,654	1 195 180,038	17,111	16,643	56	58	87 687	3 355,901	38 601,716	11,503	11,035
7	9	99 068	65 885,804	1 125 329,384	17,080	16,612	57	59	86 637	3 128,032	35 245,815	11,268	10,800
8	10	99 052	62 146,462	1 059 443,580	17,048	16,580	58	60	85 537	2 913,483	32 117,783	11,024	10,556
9	11	99 035	58 618,378	997 297,118	17,013	16,545	59	61	84 317	2 709,368	29 204,300	10,779	10,311
10	12	99 018	55 291,218	938 678,740	16,977	16,509	60	62	83 033	2 517,085	26 494,932	10,526	10,058
11	13	99 002	52 152,864	883 387,522	16,938	16,470	61	63	81 637	2 334,688	23 977,847	10,270	9,802
12	14	98 982	49 191,192	831 234,657	16,898	16,430	62	64	80 181	2 163,252	21 643,159	10,005	9,537
13	15	98 960	46 396,188	782 043,465	16,856	16,388	63	65	78 625	2 001,209	19 479,908	9,734	9,266
14	16	98 938	43 760,224	735 647,277	16,811	16,343	64	66	76 992	1 848,712	17 478,699	9,455	8,987
15	17	98 905	41 269,786	691 887,054	16,765	16,297	65	67	75 262	1 704,872	15 629,986	9,168	8,700
16	18	98 868	38 919,151	650 617,268	16,717	16,249	66	68	73 420	1 569,020	13 925,115	8,875	8,407
17	19	98 817	36 697,275	611 698,117	16,669	16,201	67	69	71 489	1 441,275	12 356,095	8,573	8,105
18	20	98 762	34 600,807	575 000,842	16,618	16,150	68	70	69 430	1 320,537	10 914,820	8,265	7,797
19	21	98 687	32 617,247	540 400,035	16,568	16,100	69	71	67 253	1 206,715	9 594,283	7,951	7,483
20	22	98 612	30 747,561	507 782,788	16,515	16,047	70	72	64 921	1 098,939	8 387,568	7,632	7,164
21	23	98 530	28 983,142	477 035,228	16,459	15,991	71	73	62 408	996,615	7 288,629	7,313	6,845
22	24	98 452	27 320,952	448 052,085	16,400	15,932	72	74	59 742	900,036	6 292,014	6,991	6,523
23	25	98 374	25 754,124	420 731,133	16,336	15,868	73	75	56 883	808,459	5 391,978	6,669	6,201
24	26	98 298	24 277,551	394 977,009	16,269	15,801	74	76	53 833	721,797	4 583,519	6,350	5,882
25	27	98 215	22 884,040	370 699,458	16,199	15,731	75	77	50 575	639,725	3 861,722	6,037	5,569
26	28	98 132	21 570,353	347 815,418	16,125	15,657	76	78	47 160	562,763	3 221,997	5,725	5,257
27	29	98 046	20 331,679	326 245,065	16,046	15,578	77	79	43 578	490,585	2 659,234	5,421	4,953
28	30	97 957	19 163,373	305 913,386	15,963	15,495	78	80	39 857	423,300	2 168,649	5,123	4,655
29	31	97 870	18 062,492	286 750,013	15,875	15,407	79	81	36 007	360,765	1 745,350	4,838	4,370
30	32	97 775	17 023,572	268 687,521	15,783	15,315	80	82	32 151	303,900	1 384,585	4,556	4,088
31	33	97 676	16 043,746	251 663,949	15,686	15,218	81	83	28 264	252,033	1 080,685	4,288	3,820
32	34	97 568	15 118,919	235 620,203	15,584	15,116	82	84	24 449	205,678	828,651	4,029	3,561
33	35	97 456	14 246,699	220 501,284	15,477	15,009	83	85	20 776	164,885	622,973	3,778	3,310
34	36	97 344	13 424,798	206 254,585	15,364	14,896	84	86	17 288	129,436	458,088	3,539	3,071
35	37	97 220	12 648,769	192 829,787	15,245	14,777	85	87	14 051	99,246	328,652	3,311	2,844
36	38	97 084	11 916,194	180 181,018	15,121	14,653	86	88	11 037	73,543	229,406	3,119	2,651
37	39	96 938	11 224,816	168 264,824	14,990	14,522	87	89	8 440	53,053	155,863	2,938	2,470
38	40	96 775	10 571,550	157 040,008	14,855	14,387	88	90	6 230	36,946	102,810	2,783	2,315
39	41	96 602	9 955,322	146 468,458	14,713	14,245	89	91	4 506	25,211	65,864	2,613	2,145
40	42	96 408	9 372,993	136 513,136	14,565	14,097	90	92	3 114	16,434	40,653	2,474	2,006
41	43	96 185	8 822,038	127 140,142	14,412	13,944	91	93	2 096	10,438	24,219	2,320	1,852
42	44	95 941	8 301,543	118 318,105	14,253	13,785	92	94	1 340	6,293	13,781	2,190	1,722
43	45	95 678	7 810,173	110 016,562	14,086	13,618	93	95	812	3,600	7,488	2,080	1,612
44	46	95 365	7 343,971	102 206,389	13,917	13,449	94	96	470	1,965	3,888	1,978	1,510
45	47	95 014	6 902,809	94 862,418	13,743	13,275	95	97	258	1,019	1,923	1,886	1,418
46	48	94 621	6 485,112	87 959,609	13,563	13,095	96	98	135	0,501	0,903	1,802	1,334
47	49	94 185	6 089,873	81 474,497	13,379	12,911	97	99	66	0,233	0,402	1,726	1,258
48	50	93 698	5 715,410	75 384,624	13,190	12,722	98	100	31	0,102	0,169	1,657	1,189
49	51	93 149	5 360,301	69 669,214	12,997	12,529							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 711 547,411	17,178	16,710	50	53	92 298	5 010,721	63 702,905	12,713	12,245
1	4	99 217	93 600,652	1 611 911,780	17,221	16,753	51	54	91 625	4 692,596	58 692,184	12,507	12,039
2	5	99 169	88 260,493	1 518 311,128	17,203	16,735	52	55	90 894	4 391,686	53 999,588	12,296	11,828
3	6	99 141	83 241,059	1 430 050,634	17,180	16,712	53	56	90 091	4 106,483	49 607,902	12,080	11,612
4	7	99 119	78 511,148	1 346 809,576	17,154	16,686	54	57	89 234	3 837,204	45 501,419	11,858	11,390
5	8	99 096	74 050,261	1 268 298,427	17,128	16,660	55	58	88 297	3 581,965	41 664,215	11,632	11,164
6	9	99 078	69 846,316	1 194 248,166	17,098	16,630	56	59	87 288	3 340,599	38 082,250	11,400	10,932
7	10	99 062	65 881,621	1 124 401,850	17,067	16,599	57	60	86 223	3 113,086	34 741,651	11,160	10,692
8	11	99 044	62 141,455	1 058 520,229	17,034	16,566	58	61	85 069	2 897,552	31 628,566	10,916	10,448
9	12	99 027	58 613,723	996 378,774	16,999	16,531	59	62	83 837	2 693,964	28 731,014	10,665	10,197
10	13	99 011	55 286,980	937 765,051	16,962	16,494	60	63	82 512	2 501,290	26 037,049	10,409	9,941
11	14	98 992	52 147,734	882 478,072	16,923	16,455	61	64	81 093	2 319,119	23 535,759	10,149	9,681
12	15	98 970	49 185,103	830 330,337	16,882	16,414	62	65	79 604	2 147,685	21 216,640	9,879	9,411
13	16	98 946	46 389,899	781 145,235	16,839	16,371	63	66	78 016	1 985,715	19 068,955	9,603	9,135
14	17	98 922	43 753,189	734 755,336	16,793	16,325	64	67	76 359	1 833,516	17 083,240	9,317	8,849
15	18	98 888	41 262,541	691 002,148	16,746	16,279	65	68	74 583	1 689,494	15 249,724	9,026	8,558
16	19	98 847	38 910,649	649 739,606	16,698	16,230	66	69	72 701	1 553,651	13 560,230	8,728	8,260
17	20	98 796	36 689,383	610 828,957	16,649	16,181	67	70	70 705	1 425,467	12 006,579	8,423	7,955
18	21	98 742	34 593,507	574 139,574	16,597	16,129	68	71	68 601	1 304,759	10 581,111	8,110	7,642
19	22	98 665	32 610,197	539 546,068	16,545	16,077	69	72	66 355	1 190,614	9 276,352	7,791	7,323
20	23	98 589	30 740,495	506 935,871	16,491	16,023	70	73	63 916	1 081,933	8 085,738	7,473	7,005
21	24	98 508	28 976,550	476 195,376	16,434	15,966	71	74	61 327	979,338	7 003,805	7,152	6,684
22	25	98 430	27 314,741	447 218,826	16,373	15,905	72	75	58 588	882,643	6 024,467	6,825	6,358
23	26	98 352	25 748,385	419 904,085	16,308	15,840	73	76	55 616	790,445	5 141,824	6,505	6,037
24	27	98 272	24 271,065	394 155,700	16,240	15,772	74	77	52 469	703,501	4 351,378	6,185	5,717
25	28	98 190	22 878,133	369 884,634	16,168	15,700	75	78	49 110	621,202	3 647,877	5,872	5,404
26	29	98 106	21 564,750	347 006,502	16,091	15,623	76	79	45 591	544,046	3 026,675	5,563	5,095
27	30	98 019	20 326,040	325 441,752	16,011	15,543	77	80	41 941	472,163	2 482,628	5,258	4,790
28	31	97 930	19 158,114	305 115,712	15,926	15,458	78	81	38 128	404,940	2 010,465	4,965	4,497
29	32	97 838	18 056,603	285 957,598	15,837	15,369	79	82	34 225	342,909	1 605,525	4,682	4,214
30	33	97 741	17 017,676	267 900,995	15,743	15,275	80	83	30 323	286,618	1 262,617	4,405	3,937
31	34	97 641	16 037,942	250 883,319	15,643	15,175	81	84	26 428	235,662	975,999	4,142	3,674
32	35	97 529	15 112,783	234 845,377	15,540	15,072	82	85	22 641	190,461	740,337	3,887	3,419
33	36	97 414	14 240,628	219 732,593	15,430	14,962	83	86	19 004	150,821	549,876	3,646	3,178
34	37	97 298	13 418,537	205 491,966	15,314	14,846	84	87	15 617	116,926	399,056	3,413	2,945
35	38	97 168	12 642,107	192 073,428	15,193	14,725	85	88	12 440	87,867	282,129	3,211	2,743
36	39	97 027	11 909,168	179 431,321	15,067	14,599	86	89	9 652	64,316	194,262	3,020	2,552
37	40	96 870	11 216,922	167 522,153	14,935	14,467	87	90	7 260	45,638	129,946	2,847	2,379
38	41	96 706	10 564,015	156 305,231	14,796	14,328	88	91	5 307	31,471	84,309	2,679	2,211
39	42	96 521	9 947,049	145 741,216	14,652	14,184	89	92	3 726	20,846	52,838	2,535	2,067
40	43	96 317	9 364,127	135 794,166	14,502	14,034	90	93	2 525	13,328	31,993	2,400	1,932
41	44	96 084	8 812,726	126 430,040	14,346	13,878	91	94	1 663	8,279	18,664	2,254	1,786
42	45	95 833	8 292,155	117 617,314	14,184	13,716	92	95	1 038	4,875	10,385	2,130	1,662
43	46	95 549	7 799,609	109 325,159	14,017	13,549	93	96	614	2,720	5,510	2,026	1,558
44	47	95 217	7 332,581	101 525,550	13,846	13,378	94	97	346	1,446	2,791	1,929	1,461
45	48	94 850	6 890,829	94 192,968	13,669	13,201	95	98	185	0,730	1,344	1,842	1,374
46	49	94 446	6 473,095	87 302,139	13,487	13,019	96	99	94	0,349	0,614	1,762	1,294
47	50	93 988	6 077,133	80 829,044	13,301	12,833	97	100	45	0,157	0,266	1,689	1,222
48	51	93 479	5 702,056	74 751,911	13,110	12,642							
49	52	92 917	5 346,950	69 049,855	12,914	12,446							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 710 487,993	17,170	16,702	50	54	92 018	4 995,492	63 050,824	12,622	12,154
1	5	99 205	93 589,434	1 610 866,648	17,212	16,744	51	55	91 333	4 677,645	58 055,332	12,411	11,943
2	6	99 161	88 252,509	1 517 277,214	17,192	16,724	52	56	90 567	4 375,887	53 377,687	12,198	11,730
3	7	99 133	83 234,385	1 429 024,705	17,169	16,701	53	57	89 749	4 090,907	49 001,800	11,978	11,510
4	8	99 110	78 504,589	1 345 790,320	17,143	16,675	54	58	88 866	3 821,371	44 910,893	11,753	11,285
5	9	99 090	74 045,662	1 267 285,731	17,115	16,647	55	59	87 894	3 565,632	41 089,522	11,524	11,056
6	10	99 072	69 841,881	1 193 240,069	17,085	16,617	56	60	86 871	3 324,636	37 523,890	11,287	10,819
7	11	99 054	65 876,314	1 123 398,188	17,053	16,585	57	61	85 752	3 096,064	34 199,253	11,046	10,578
8	12	99 036	62 136,520	1 057 521,874	17,019	16,551	58	62	84 585	2 881,078	31 103,190	10,796	10,328
9	13	99 019	58 609,230	995 385,354	16,983	16,515	59	63	83 311	2 677,060	28 222,112	10,542	10,074
10	14	99 001	55 281,541	936 776,124	16,946	16,478	60	64	81 962	2 484,610	25 545,051	10,281	9,813
11	15	98 980	52 141,278	881 494,583	16,906	16,438	61	65	80 509	2 302,431	23 060,441	10,016	9,548
12	16	98 957	49 178,435	829 353,305	16,864	16,396	62	66	78 988	2 131,057	20 758,011	9,741	9,273
13	17	98 930	46 382,441	780 174,870	16,820	16,353	63	67	77 375	1 969,393	18 626,954	9,458	8,990
14	18	98 904	43 745,508	733 792,429	16,774	16,306	64	68	75 670	1 816,979	16 657,561	9,168	8,700
15	19	98 866	41 253,528	690 046,921	16,727	16,259	65	69	73 852	1 672,945	14 840,582	8,871	8,403
16	20	98 825	38 902,281	648 793,392	16,678	16,210	66	70	71 904	1 536,611	13 167,637	8,569	8,101
17	21	98 775	36 681,642	609 891,111	16,627	16,159	67	71	69 860	1 408,436	11 631,026	8,258	7,790
18	22	98 720	34 586,029	573 209,469	16,573	16,105	68	72	67 685	1 287,350	10 222,590	7,941	7,473
19	23	98 643	32 602,703	538 623,440	16,521	16,053	69	73	65 328	1 172,189	8 935,240	7,623	7,155
20	24	98 567	30 733,503	506 020,737	16,465	15,997	70	74	62 808	1 063,177	7 763,052	7,302	6,834
21	25	98 485	28 969,962	475 287,234	16,406	15,938	71	75	60 142	960,413	6 699,874	6,976	6,508
22	26	98 408	27 308,654	446 317,272	16,343	15,875	72	76	57 282	862,977	5 739,461	6,651	6,183
23	27	98 326	25 741,506	419 008,618	16,278	15,810	73	77	54 206	770,409	4 876,484	6,330	5,862
24	28	98 247	24 264,800	393 267,112	16,207	15,739	74	78	50 949	683,132	4 106,074	6,011	5,543
25	29	98 164	22 872,191	369 002,311	16,133	15,665	75	79	47 477	600,542	3 422,942	5,700	5,232
26	30	98 079	21 558,769	346 130,121	16,055	15,587	76	80	43 879	523,617	2 822,400	5,390	4,922
27	31	97 992	20 320,462	324 571,352	15,973	15,505	77	81	40 122	451,684	2 298,783	5,089	4,621
28	32	97 898	19 151,868	304 250,890	15,886	15,418	78	82	36 241	384,897	1 847,099	4,799	4,331
29	33	97 804	18 050,349	285 099,023	15,795	15,327	79	83	32 279	323,408	1 462,202	4,521	4,053
30	34	97 706	17 011,519	267 048,673	15,698	15,230	80	84	28 353	267,999	1 138,794	4,249	3,781
31	35	97 601	16 031,433	250 037,154	15,597	15,129	81	85	24 473	218,226	870,794	3,990	3,522
32	36	97 487	15 106,343	234 005,721	15,491	15,023	82	86	20 709	174,215	652,569	3,746	3,278
33	37	97 369	14 233,987	218 899,378	15,379	14,911	83	87	17 167	136,244	478,353	3,511	3,043
34	38	97 247	13 411,470	204 665,391	15,260	14,793	84	88	13 827	103,520	342,109	3,305	2,837
35	39	97 111	12 634,654	191 253,921	15,137	14,669	85	89	10 879	76,843	238,589	3,105	2,637
36	40	96 959	11 900,793	178 619,267	15,009	14,541	86	90	8 303	55,327	161,747	2,923	2,456
37	41	96 801	11 208,927	166 718,474	14,874	14,406	87	91	6 184	38,874	106,420	2,738	2,270
38	42	96 625	10 555,236	155 509,547	14,733	14,265	88	92	4 388	26,022	67,546	2,596	2,128
39	43	96 430	9 937,640	144 954,311	14,586	14,118	89	93	3 022	16,906	41,524	2,456	1,988
40	44	96 215	9 354,243	135 016,671	14,434	13,966	90	94	2 003	10,571	24,618	2,329	1,861
41	45	95 975	8 802,760	125 662,428	14,275	13,807	91	95	1 288	6,413	14,047	2,190	1,722
42	46	95 703	8 280,939	116 859,668	14,112	13,644	92	96	784	3,683	7,634	2,073	1,605
43	47	95 401	7 787,512	108 578,729	13,943	13,475	93	97	452	2,002	3,951	1,974	1,506
44	48	95 052	7 319,856	100 791,216	13,770	13,302	94	98	248	1,036	1,949	1,882	1,414
45	49	94 674	6 878,061	93 471,360	13,590	13,122	95	99	129	0,508	0,913	1,799	1,331
46	50	94 248	6 459,553	86 593,299	13,405	12,937	96	100	63	0,235	0,406	1,723	1,255
47	51	93 769	6 062,934	80 133,746	13,217	12,749							
48	52	93 246	5 687,853	74 070,812	13,023	12,555							
49	53	92 659	5 332,135	68 382,959	12,825	12,357							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 709 354,304	17,161	16,693	50	55	91 725	4 979,576	62 350,451	12,521	12,053
1	6	99 196	93 580,968	1 609 744,899	17,202	16,734	51	56	91 004	4 660,817	57 370,876	12,309	11,841
2	7	99 153	88 245,433	1 516 163,931	17,181	16,713	52	57	90 224	4 359,290	52 710,059	12,091	11,623
3	8	99 125	83 227,431	1 427 918,497	17,157	16,689	53	58	89 379	4 074,027	48 350,769	11,868	11,400
4	9	99 104	78 499,713	1 344 691,066	17,130	16,662	54	59	88 461	3 803,947	44 276,742	11,640	11,172
5	10	99 084	74 040,961	1 266 191,354	17,101	16,633	55	60	87 474	3 548,595	40 472,795	11,405	10,937
6	11	99 064	69 836,255	1 192 150,392	17,071	16,603	56	61	86 396	3 306,458	36 924,201	11,167	10,699
7	12	99 046	65 871,082	1 122 314,137	17,038	16,570	57	62	85 264	3 078,461	33 617,743	10,920	10,452
8	13	99 029	62 131,757	1 056 443,055	17,003	16,535	58	63	84 055	2 863,000	30 539,282	10,667	10,199
9	14	99 009	58 603,464	994 311,298	16,967	16,499	59	64	82 756	2 659,208	27 676,282	10,408	9,940
10	15	98 989	55 274,698	935 707,834	16,928	16,460	60	65	81 372	2 466,731	25 017,074	10,142	9,674
11	16	98 966	52 134,210	880 433,137	16,888	16,420	61	66	79 886	2 284,604	22 550,343	9,871	9,403
12	17	98 941	49 170,529	828 298,927	16,845	16,377	62	67	78 338	2 113,540	20 265,739	9,589	9,121
13	18	98 913	46 374,299	779 128,398	16,801	16,333	63	68	76 677	1 951,629	18 152,198	9,301	8,833
14	19	98 883	43 735,953	732 754,099	16,754	16,286	64	69	74 929	1 799,181	16 200,569	9,004	8,536
15	20	98 845	41 244,656	689 018,146	16,706	16,238	65	70	73 042	1 654,597	14 401,388	8,704	8,236
16	21	98 805	38 894,073	647 773,490	16,655	16,187	66	71	71 045	1 518,252	12 746,791	8,396	7,928
17	22	98 754	36 673,713	608 879,416	16,603	16,135	67	72	68 928	1 389,643	11 228,539	8,080	7,612
18	23	98 698	34 578,082	572 205,703	16,548	16,080	68	73	66 638	1 267,428	9 838,896	7,763	7,295
19	24	98 620	32 595,288	537 627,621	16,494	16,026	69	74	64 196	1 151,868	8 571,468	7,441	6,973
20	25	98 544	30 726,516	505 032,334	16,436	15,968	70	75	61 594	1 042,633	7 419,600	7,116	6,648
21	26	98 463	28 963,506	474 305,818	16,376	15,908	71	76	58 802	939,014	6 376,968	6,791	6,323
22	27	98 381	27 301,358	445 342,312	16,312	15,844	72	77	55 830	841,103	5 437,954	6,465	5,997
23	28	98 301	25 734,862	418 040,954	16,244	15,776	73	78	52 637	748,103	4 596,851	6,145	5,677
24	29	98 221	24 258,498	392 306,092	16,172	15,704	74	79	49 255	660,412	3 848,748	5,828	5,360
25	30	98 137	22 865,847	368 047,595	16,096	15,628	75	80	45 694	577,991	3 188,336	5,516	5,048
26	31	98 052	21 552,852	345 181,748	16,016	15,548	76	81	41 976	500,906	2 610,344	5,211	4,743
27	32	97 960	20 313,837	323 628,896	15,931	15,463	77	82	38 136	429,327	2 109,438	4,913	4,445
28	33	97 864	19 145,234	303 315,059	15,843	15,375	78	83	34 180	363,009	1 680,111	4,628	4,160
29	34	97 768	18 043,819	284 169,824	15,749	15,281	79	84	30 182	302,400	1 317,102	4,355	3,888
30	35	97 666	17 004,616	266 126,005	15,650	15,182	80	85	26 256	248,171	1 014,702	4,089	3,621
31	36	97 559	16 024,602	249 121,390	15,546	15,078	81	86	22 385	199,612	766,531	3,840	3,372
32	37	97 442	15 099,299	233 096,788	15,438	14,970	82	87	18 708	157,378	566,918	3,602	3,134
33	38	97 318	14 226,490	217 997,490	15,323	14,855	83	88	15 199	120,622	409,541	3,395	2,927
34	39	97 190	13 403,563	203 771,000	15,203	14,735	84	89	12 092	90,532	288,918	3,191	2,723
35	40	97 043	12 625,769	190 367,437	15,078	14,610	85	90	9 359	66,102	198,387	3,001	2,533
36	41	96 890	11 892,310	177 741,668	14,946	14,478	86	91	7 073	47,127	132,284	2,807	2,339
37	42	96 721	11 199,612	165 849,358	14,808	14,341	87	92	5 113	32,143	85,157	2,649	2,181
38	43	96 534	10 545,252	154 649,746	14,665	14,197	88	93	3 559	21,104	53,013	2,512	2,044
39	44	96 328	9 927,150	144 104,494	14,516	14,048	89	94	2 397	13,409	31,909	2,380	1,912
40	45	96 106	9 343,665	134 177,344	14,360	13,892	90	95	1 551	8,188	18,501	2,259	1,791
41	46	95 845	8 790,854	124 833,679	14,200	13,732	91	96	973	4,845	10,313	2,128	1,660
42	47	95 555	8 268,096	116 042,825	14,035	13,567	92	97	577	2,711	5,467	2,017	1,549
43	48	95 235	7 773,998	107 774,729	13,863	13,396	93	98	323	1,433	2,756	1,923	1,455
44	49	94 876	7 306,293	100 000,731	13,687	13,219	94	99	172	0,720	1,323	1,836	1,368
45	50	94 476	6 863,671	92 694,438	13,505	13,037	95	100	87	0,343	0,602	1,757	1,289
46	51	94 028	6 444,461	85 830,767	13,319	12,851							
47	52	93 535	6 047,832	79 386,306	13,126	12,658							
48	53	92 988	5 672,093	73 338,474	12,930	12,462							
49	54	92 378	5 315,929	67 666,381	12,729	12,261							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 708 138,625	17,150	16,682	50	56	91 395	4 961,662	61 598,874	12,415	11,947
1	7	99 188	93 573,465	1 608 538,230	17,190	16,722	51	57	90 659	4 643,139	56 637,212	12,198	11,730
2	8	99 144	88 238,061	1 514 964,765	17,169	16,701	52	58	89 851	4 341,302	51 994,074	11,977	11,509
3	9	99 119	83 222,262	1 426 726,704	17,144	16,676	53	59	88 971	4 055,451	47 652,772	11,750	11,282
4	10	99 098	78 494,729	1 343 504,442	17,116	16,648	54	60	88 038	3 785,770	43 597,321	11,516	11,048
5	11	99 076	74 034,997	1 265 009,713	17,087	16,619	55	61	86 996	3 529,191	39 811,551	11,281	10,813
6	12	99 056	69 830,709	1 190 974,716	17,055	16,587	56	62	85 904	3 287,659	36 282,359	11,036	10,568
7	13	99 038	65 866,032	1 121 144,008	17,022	16,554	57	63	84 729	3 059,144	32 994,700	10,786	10,318
8	14	99 019	62 125,645	1 055 277,975	16,986	16,518	58	64	83 494	2 843,908	29 935,556	10,526	10,058
9	15	98 997	58 596,210	993 152,330	16,949	16,481	59	65	82 160	2 640,073	27 091,648	10,262	9,794
10	16	98 975	55 267,204	934 556,121	16,910	16,442	60	66	80 742	2 447,633	24 451,575	9,990	9,522
11	17	98 950	52 125,829	879 288,916	16,869	16,401	61	67	79 229	2 265,825	22 003,943	9,711	9,243
12	18	98 923	49 161,898	827 163,088	16,825	16,357	62	68	77 632	2 094,477	19 738,117	9,424	8,956
13	19	98 891	46 364,169	778 001,190	16,780	16,312	63	69	75 926	1 932,513	17 643,641	9,130	8,662
14	20	98 862	43 726,547	731 637,021	16,732	16,264	64	70	74 107	1 779,448	15 711,128	8,829	8,361
15	21	98 824	41 235,954	687 910,474	16,682	16,214	65	71	72 169	1 634,828	13 931,679	8,522	8,054
16	22	98 783	38 885,667	646 674,520	16,630	16,162	66	72	70 097	1 497,994	12 296,852	8,209	7,741
17	23	98 731	36 665,286	607 788,853	16,577	16,109	67	73	67 861	1 368,138	10 798,858	7,893	7,425
18	24	98 675	34 570,217	571 123,567	16,521	16,053	68	74	65 483	1 245,456	9 430,720	7,572	7,104
19	25	98 598	32 587,877	536 553,351	16,465	15,997	69	75	62 955	1 129,609	8 185,264	7,246	6,778
20	26	98 522	30 719,668	503 965,474	16,405	15,937	70	76	60 222	1 019,401	7 055,654	6,921	6,453
21	27	98 437	28 955,768	473 245,805	16,344	15,876	71	77	57 311	915,212	6 036,253	6,595	6,128
22	28	98 356	27 294,311	444 290,037	16,278	15,810	72	78	54 214	816,749	5 121,040	6,270	5,802
23	29	98 275	25 728,178	416 995,726	16,208	15,740	73	79	50 886	723,222	4 304,291	5,952	5,484
24	30	98 194	24 251,769	391 267,549	16,134	15,666	74	80	47 405	635,613	3 581,069	5,634	5,166
25	31	98 110	22 859,571	367 015,779	16,055	15,587	75	81	43 712	552,922	2 945,455	5,327	4,859
26	32	98 020	21 545,825	344 156,208	15,973	15,505	76	82	39 898	476,113	2 392,533	5,025	4,557
27	33	97 926	20 306,801	322 610,382	15,887	15,419	77	83	35 968	404,913	1 916,420	4,733	4,265
28	34	97 829	19 138,308	302 303,581	15,796	15,328	78	84	31 960	339,428	1 511,507	4,453	3,985
29	35	97 729	18 036,496	283 165,273	15,700	15,232	79	85	27 949	280,027	1 172,079	4,186	3,718
30	36	97 624	16 997,369	265 128,777	15,598	15,130	80	86	24 016	227,003	892,053	3,930	3,462
31	37	97 514	16 017,129	248 131,408	15,492	15,024	81	87	20 222	180,320	665,049	3,688	3,220
32	38	97 390	15 091,346	232 114,279	15,381	14,913	82	88	16 563	139,333	484,729	3,479	3,011
33	39	97 260	14 218,103	217 022,933	15,264	14,796	83	89	13 292	105,489	345,397	3,274	2,806
34	40	97 121	13 394,137	202 804,831	15,141	14,673	84	90	10 402	77,878	239,908	3,081	2,613
35	41	96 974	12 616,769	189 410,694	15,013	14,545	85	91	7 972	56,306	162,030	2,878	2,410
36	42	96 809	11 882,428	176 793,925	14,879	14,411	86	92	5 848	38,968	105,724	2,713	2,245
37	43	96 629	11 189,018	164 911,497	14,739	14,271	87	93	4 147	26,069	66,756	2,561	2,093
38	44	96 432	10 534,121	153 722,479	14,593	14,125	88	94	2 822	16,738	40,687	2,431	1,963
39	45	96 219	9 915,924	143 188,358	14,440	13,972	89	95	1 856	10,386	23,949	2,306	1,838
40	46	95 976	9 331,027	133 272,434	14,283	13,815	90	96	1 172	6,187	13,563	2,192	1,724
41	47	95 697	8 777,220	123 941,407	14,121	13,653	91	97	716	3,566	7,376	2,068	1,600
42	48	95 389	8 253,748	115 164,187	13,953	13,485	92	98	413	1,941	3,810	1,963	1,495
43	49	95 059	7 759,593	106 910,440	13,778	13,310	93	99	225	0,997	1,869	1,874	1,406
44	50	94 677	7 291,008	99 150,847	13,599	13,131	94	100	116	0,486	0,871	1,792	1,324
45	51	94 255	6 847,635	91 859,839	13,415	12,947							
46	52	93 794	6 428,409	85 012,204	13,224	12,756							
47	53	93 276	6 031,075	78 583,795	13,030	12,562							
48	54	92 705	5 654,855	72 552,721	12,830	12,362							
49	55	92 083	5 298,992	66 897,866	12,625	12,157							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 706 832,246	17,138	16,670	50	57	91 048	4 942,843	60 794,500	12,300	11,832
1	8	99 180	93 565,648	1 607 239,837	17,178	16,710	51	58	90 285	4 623,980	55 851,657	12,079	11,611
2	9	99 138	88 232,580	1 513 674,189	17,156	16,688	52	59	89 442	4 321,507	51 227,677	11,854	11,386
3	10	99 113	83 216,978	1 425 441,609	17,129	16,661	53	60	88 546	4 036,073	46 906,170	11,622	11,154
4	11	99 090	78 488,406	1 342 224,631	17,101	16,633	54	61	87 557	3 765,070	42 870,097	11,386	10,918
5	12	99 068	74 029,117	1 263 736,225	17,071	16,603	55	62	86 501	3 509,126	39 105,027	11,144	10,676
6	13	99 049	69 825,356	1 189 707,108	17,038	16,570	56	63	85 365	3 267,030	35 595,901	10,895	10,428
7	14	99 028	65 859,553	1 119 881,753	17,004	16,536	57	64	84 164	3 038,744	32 328,872	10,639	10,171
8	15	99 007	62 117,954	1 054 022,199	16,968	16,500	58	65	82 893	2 823,443	29 290,128	10,374	9,906
9	16	98 984	58 588,266	991 904,245	16,930	16,462	59	66	81 524	2 619,632	26 466,684	10,103	9,635
10	17	98 959	55 258,320	933 315,979	16,890	16,422	60	67	80 078	2 427,514	23 847,052	9,824	9,356
11	18	98 933	52 116,679	878 057,659	16,848	16,380	61	68	78 514	2 245,388	21 419,538	9,539	9,071
12	19	98 902	49 151,159	825 940,981	16,804	16,336	62	69	76 871	2 073,961	19 174,150	9,245	8,777
13	20	98 870	46 354,198	776 789,822	16,758	16,290	63	70	75 094	1 911,318	17 100,189	8,947	8,479
14	21	98 841	43 717,321	730 435,624	16,708	16,240	64	71	73 222	1 758,187	15 188,871	8,639	8,171
15	22	98 803	41 227,041	686 718,302	16,657	16,189	65	72	71 206	1 613,014	13 430,684	8,326	7,858
16	23	98 761	38 876,731	645 491,261	16,604	16,136	66	73	69 012	1 474,812	11 817,670	8,013	7,545
17	24	98 709	36 656,946	606 614,530	16,548	16,080	67	74	66 685	1 344,421	10 342,858	7,693	7,225
18	25	98 653	34 562,357	569 957,584	16,491	16,023	68	75	64 217	1 221,389	8 998,437	7,367	6,899
19	26	98 576	32 580,615	535 395,227	16,433	15,965	69	76	61 553	1 104,440	7 777,048	7,042	6,574
20	27	98 496	30 711,461	502 814,612	16,372	15,904	70	77	58 696	993,562	6 672,607	6,716	6,248
21	28	98 412	28 948,294	472 103,151	16,308	15,841	71	78	55 652	888,713	5 679,045	6,390	5,922
22	29	98 331	27 287,221	443 154,857	16,240	15,772	72	79	52 411	789,586	4 790,332	6,067	5,599
23	30	98 248	25 721,042	415 867,636	16,168	15,700	73	80	48 975	696,065	4 000,747	5,748	5,280
24	31	98 167	24 245,114	390 146,594	16,092	15,624	74	81	45 349	608,045	3 304,682	5,435	4,967
25	32	98 078	22 852,119	365 901,480	16,012	15,544	75	82	41 549	525,555	2 696,637	5,131	4,663
26	33	97 986	21 538,363	343 049,362	15,927	15,459	76	83	37 630	449,038	2 171,082	4,835	4,367
27	34	97 891	20 299,454	321 510,998	15,838	15,370	77	84	33 631	378,610	1 722,044	4,548	4,080
28	35	97 789	19 130,541	301 211,544	15,745	15,277	78	85	29 595	314,315	1 343,434	4,274	3,806
29	36	97 687	18 028,810	282 081,003	15,646	15,178	79	86	25 565	256,142	1 029,119	4,018	3,550
30	37	97 579	16 989,443	264 052,193	15,542	15,074	80	87	21 695	205,064	772,978	3,769	3,301
31	38	97 463	16 008,693	247 062,750	15,433	14,965	81	88	17 903	159,644	567,914	3,557	3,089
32	39	97 333	15 082,449	231 054,057	15,319	14,851	82	89	14 485	121,852	408,270	3,351	2,883
33	40	97 192	14 208,103	215 971,609	15,201	14,733	83	90	11 434	90,745	286,418	3,156	2,688
34	41	97 052	13 384,589	201 763,505	15,074	14,606	84	91	8 860	66,337	195,673	2,950	2,482
35	42	96 893	12 606,285	188 378,916	14,943	14,475	85	92	6 592	46,557	129,336	2,778	2,310
36	43	96 718	11 871,188	175 772,631	14,807	14,339	86	93	4 743	31,603	82,779	2,619	2,151
37	44	96 527	11 177,207	163 901,443	14,664	14,196	87	94	3 289	20,676	51,176	2,475	2,007
38	45	96 323	10 522,209	152 724,236	14,514	14,046	88	95	2 186	12,965	30,500	2,352	1,884
39	46	96 089	9 902,513	142 202,028	14,360	13,892	89	96	1 403	7,847	17,535	2,234	1,766
40	47	95 827	9 316,555	132 299,515	14,200	13,733	90	97	863	4,553	9,687	2,127	1,660
41	48	95 531	8 761,988	122 982,960	14,036	13,568	91	98	513	2,554	5,134	2,010	1,543
42	49	95 212	8 238,454	114 220,972	13,864	13,396	92	99	287	1,351	2,580	1,911	1,443
43	50	94 860	7 743,359	105 982,518	13,687	13,219	93	100	152	0,673	1,230	1,827	1,359
44	51	94 456	7 273,972	98 239,159	13,506	13,038							
45	52	94 020	6 830,579	90 965,187	13,317	12,849							
46	53	93 534	6 410,597	84 134,608	13,124	12,656							
47	54	92 993	6 012,745	77 724,011	12,927	12,459							
48	55	92 410	5 636,837	71 711,266	12,722	12,254							
49	56	91 752	5 279,929	66 074,428	12,514	12,046							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 705 428,056	17,126	16,658	50	58	90 672	4 922,447	59 934,589	12,176	11,708
1	9	99 173	93 559,836	1 605 843,968	17,164	16,696	51	59	89 873	4 602,896	55 012,142	11,952	11,484
2	10	99 132	88 226,979	1 512 284,131	17,141	16,673	52	60	89 014	4 300,858	50 409,246	11,721	11,253
3	11	99 105	83 210,274	1 424 057,152	17,114	16,646	53	61	88 062	4 014,004	46 108,388	11,487	11,019
4	12	99 082	78 482,172	1 340 846,878	17,085	16,617	54	62	87 059	3 743,664	42 094,385	11,244	10,776
5	13	99 060	74 023,442	1 262 364,706	17,054	16,586	55	63	85 958	3 487,107	38 350,721	10,998	10,530
6	14	99 039	69 818,487	1 188 341,264	17,020	16,552	56	64	84 796	3 245,243	34 863,614	10,743	10,275
7	15	99 016	65 851,400	1 118 522,777	16,986	16,518	57	65	83 559	3 016,878	31 618,371	10,480	10,013
8	16	98 993	62 109,533	1 052 671,377	16,949	16,481	58	66	82 251	2 801,583	28 601,493	10,209	9,741
9	17	98 968	58 578,847	990 561,843	16,910	16,442	59	67	80 854	2 598,099	25 799,910	9,930	9,462
10	18	98 942	55 248,620	931 982,996	16,869	16,401	60	68	79 356	2 405,619	23 201,810	9,645	9,177
11	19	98 911	52 105,295	876 734,376	16,826	16,358	61	69	77 745	2 223,394	20 796,192	9,353	8,885
12	20	98 881	49 140,589	824 629,082	16,781	16,313	62	70	76 028	2 051,215	18 572,797	9,055	8,587
13	21	98 849	46 344,418	775 488,493	16,733	16,265	63	71	74 196	1 888,481	16 521,583	8,749	8,281
14	22	98 819	43 707,872	729 144,075	16,682	16,214	64	72	72 245	1 734,728	14 633,102	8,435	7,967
15	23	98 780	41 217,567	685 436,203	16,630	16,162	65	73	70 105	1 588,052	12 898,374	8,122	7,654
16	24	98 738	38 867,888	644 218,636	16,575	16,107	66	74	67 816	1 449,245	11 310,322	7,804	7,336
17	25	98 686	36 648,612	605 350,748	16,518	16,050	67	75	65 396	1 318,441	9 861,076	7,479	7,011
18	26	98 631	34 554,655	568 702,136	16,458	15,990	68	76	62 787	1 194,175	8 542,635	7,154	6,686
19	27	98 550	32 571,911	534 147,481	16,399	15,931	69	77	59 992	1 076,445	7 348,460	6,827	6,359
20	28	98 470	30 703,534	501 575,570	16,336	15,868	70	78	56 996	964,794	6 272,014	6,501	6,033
21	29	98 386	28 940,775	470 872,036	16,270	15,802	71	79	53 801	859,156	5 307,220	6,177	5,709
22	30	98 303	27 279,653	441 931,261	16,200	15,732	72	80	50 443	759,936	4 448,064	5,853	5,385
23	31	98 221	25 713,983	414 651,608	16,126	15,658	73	81	46 851	665,874	3 688,128	5,539	5,071
24	32	98 135	24 237,209	388 937,625	16,047	15,579	74	82	43 105	577,949	3 022,254	5,229	4,761
25	33	98 044	22 844,204	364 700,416	15,965	15,497	75	83	39 186	495,668	2 444,305	4,931	4,463
26	34	97 951	21 530,571	341 856,212	15,878	15,410	76	84	35 185	419,869	1 948,637	4,641	4,173
27	35	97 851	20 291,216	320 325,641	15,786	15,318	77	85	31 143	350,598	1 528,768	4,360	3,892
28	36	97 748	19 122,389	300 034,425	15,690	15,222	78	86	27 071	287,506	1 178,170	4,098	3,630
29	37	97 642	18 020,403	280 912,036	15,589	15,121	79	87	23 094	231,386	890,665	3,849	3,381
30	38	97 527	16 980,494	262 891,634	15,482	15,014	80	88	19 207	181,551	659,279	3,631	3,163
31	39	97 405	15 999,255	245 911,139	15,370	14,902	81	89	15 657	139,615	477,728	3,422	2,954
32	40	97 264	15 071,842	229 911,885	15,254	14,786	82	90	12 460	104,821	338,113	3,226	2,758
33	41	97 123	14 197,976	214 840,043	15,132	14,664	83	91	9 740	77,297	233,292	3,018	2,550
34	42	96 971	13 373,467	200 642,067	15,003	14,535	84	92	7 326	54,851	155,996	2,844	2,376
35	43	96 801	12 594,360	187 268,600	14,869	14,401	85	93	5 346	37,759	101,144	2,679	2,211
36	44	96 615	11 858,657	174 674,240	14,730	14,262	86	94	3 762	25,065	63,386	2,529	2,061
37	45	96 418	11 164,568	162 815,583	14,583	14,115	87	95	2 548	16,016	38,321	2,393	1,925
38	46	96 193	10 507,977	151 651,015	14,432	13,964	88	96	1 652	9,796	22,305	2,277	1,809
39	47	95 940	9 887,155	141 143,038	14,275	13,807	89	97	1 032	5,776	12,509	2,166	1,698
40	48	95 661	9 300,387	131 255,884	14,113	13,645	90	98	618	3,260	6,733	2,065	1,597
41	49	95 354	8 745,752	121 955,497	13,945	13,477	91	99	357	1,777	3,473	1,955	1,487
42	50	95 013	8 221,218	113 209,745	13,770	13,302	92	100	194	0,912	1,696	1,861	1,393
43	51	94 638	7 725,267	104 988,526	13,590	13,122							
44	52	94 221	7 255,855	97 263,259	13,405	12,937							
45	53	93 760	6 811,652	90 007,404	13,214	12,746							
46	54	93 249	6 391,114	83 195,752	13,017	12,549							
47	55	92 696	5 993,588	76 804,638	12,814	12,347							
48	56	92 077	5 616,559	70 811,051	12,608	12,140							
49	57	91 404	5 259,902	65 194,492	12,395	11,927							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 703 920,076	17,111	16,643	50	59	90 259	4 900,002	59 017,065	12,044	11,576
1	10	99 167	93 553,897	1 604 342,173	17,149	16,681	51	60	89 444	4 580,902	54 117,063	11,814	11,346
2	11	99 124	88 219,871	1 510 788,276	17,125	16,657	52	61	88 528	4 277,341	49 536,161	11,581	11,113
3	12	99 097	83 203,666	1 422 568,404	17,097	16,629	53	62	87 561	3 991,182	45 258,820	11,340	10,872
4	13	99 074	78 476,156	1 339 364,739	17,067	16,599	54	63	86 513	3 720,173	41 267,637	11,093	10,625
5	14	99 050	74 016,160	1 260 888,582	17,035	16,567	55	64	85 385	3 463,853	37 547,464	10,840	10,372
6	15	99 027	69 809,844	1 186 872,422	17,002	16,534	56	65	84 186	3 221,891	34 083,611	10,579	10,111
7	16	99 003	65 842,473	1 117 062,578	16,966	16,498	57	66	82 912	2 993,520	30 861,721	10,310	9,842
8	17	98 977	62 099,549	1 051 220,105	16,928	16,460	58	67	81 575	2 778,555	27 868,201	10,030	9,562
9	18	98 950	58 568,565	989 120,557	16,888	16,420	59	68	80 125	2 574,666	25 089,646	9,745	9,277
10	19	98 920	55 236,551	930 551,992	16,847	16,379	60	69	78 579	2 382,055	22 514,980	9,452	8,984
11	20	98 890	52 094,089	875 315,441	16,803	16,335	61	70	76 893	2 199,009	20 132,925	9,155	8,687
12	21	98 860	49 130,221	823 221,352	16,756	16,288	62	71	75 120	2 026,706	17 933,916	8,849	8,381
13	22	98 828	46 334,401	774 091,131	16,707	16,239	63	72	73 206	1 863,283	15 907,210	8,537	8,069
14	23	98 797	43 697,828	727 756,730	16,654	16,186	64	73	71 127	1 707,883	14 043,927	8,223	7,755
15	24	98 758	41 208,192	684 058,902	16,600	16,132	65	74	68 889	1 560,523	12 336,044	7,905	7,437
16	25	98 716	38 859,051	642 850,710	16,543	16,075	66	75	66 505	1 421,240	10 775,521	7,582	7,114
17	26	98 664	36 640,445	603 991,659	16,484	16,016	67	76	63 939	1 289,065	9 354,281	7,257	6,789
18	27	98 604	34 545,424	567 351,214	16,423	15,955	68	77	61 195	1 163,906	8 065,217	6,929	6,461
19	28	98 524	32 563,503	532 805,790	16,362	15,894	69	78	58 255	1 045,278	6 901,311	6,602	6,134
20	29	98 445	30 695,559	500 242,287	16,297	15,829	70	79	55 101	932,707	5 856,033	6,279	5,811
21	30	98 359	28 932,748	469 546,728	16,229	15,761	71	80	51 781	826,894	4 923,326	5,954	5,486
22	31	98 276	27 272,166	440 613,980	16,156	15,688	72	81	48 255	726,975	4 096,432	5,635	5,167
23	32	98 189	25 705,599	413 341,814	16,080	15,612	73	82	44 532	632,916	3 369,457	5,324	4,856
24	33	98 101	24 228,815	387 636,215	15,999	15,531	74	83	40 653	545,083	2 736,541	5,020	4,552
25	34	98 009	22 835,939	363 407,400	15,914	15,446	75	84	36 640	463,470	2 191,458	4,728	4,260
26	35	97 911	21 521,833	340 571,461	15,824	15,356	76	85	32 582	388,804	1 727,988	4,444	3,976
27	36	97 810	20 282,569	319 049,627	15,730	15,262	77	86	28 487	320,694	1 339,184	4,176	3,708
28	37	97 702	19 113,471	298 767,058	15,631	15,163	78	87	24 455	259,719	1 018,490	3,922	3,454
29	38	97 590	18 010,911	279 653,587	15,527	15,059	79	88	20 446	204,855	758,772	3,704	3,236
30	39	97 470	16 970,483	261 642,675	15,418	14,950	80	89	16 798	158,773	553,917	3,489	3,021
31	40	97 337	15 988,003	244 672,192	15,303	14,836	81	90	13 469	120,101	395,144	3,290	2,822
32	41	97 195	15 061,099	228 684,189	15,184	14,716	82	91	10 614	89,287	275,043	3,080	2,612
33	42	97 042	14 186,178	213 623,091	15,059	14,591	83	92	8 053	63,913	185,756	2,906	2,438
34	43	96 880	13 360,817	199 436,913	14,927	14,459	84	93	5 942	44,485	121,843	2,739	2,271
35	44	96 699	12 581,066	186 076,096	14,790	14,322	85	94	4 240	29,947	77,358	2,583	2,115
36	45	96 506	11 845,247	173 495,030	14,647	14,179	86	95	2 914	19,416	47,411	2,442	1,974
37	46	96 288	11 149,467	161 649,783	14,498	14,030	87	96	1 925	12,101	27,995	2,314	1,846
38	47	96 043	10 491,680	150 500,316	14,345	13,877	88	97	1 216	7,210	15,895	2,205	1,737
39	48	95 774	9 869,996	140 008,636	14,185	13,717	89	98	739	4,136	8,685	2,100	1,632
40	49	95 484	9 283,154	130 138,640	14,019	13,551	90	99	430	2,268	4,549	2,005	1,537
41	50	95 154	8 727,455	120 855,486	13,848	13,380	91	100	241	1,199	2,280	1,901	1,433
42	51	94 791	8 202,010	112 128,031	13,671	13,203							
43	52	94 402	7 706,025	103 926,021	13,486	13,018							
44	53	93 960	7 235,750	96 219,996	13,298	12,830							
45	54	93 475	6 790,950	88 984,246	13,103	12,635							
46	55	92 952	6 370,751	82 193,296	12,902	12,434							
47	56	92 363	5 972,025	75 822,545	12,696	12,228							
48	57	91 728	5 595,256	69 850,519	12,484	12,016							
49	58	91 027	5 238,199	64 255,264	12,267	11,799							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 702 299,444	17,096	16,628	50	60	89 828	4 876,589	58 040,336	11,902	11,434
1	11	99 159	93 546,360	1 602 727,863	17,133	16,665	51	61	88 955	4 555,854	53 163,748	11,669	11,201
2	12	99 116	88 212,865	1 509 181,503	17,108	16,640	52	62	88 024	4 253,022	48 607,894	11,429	10,961
3	13	99 089	83 197,288	1 420 968,638	17,080	16,612	53	63	87 012	3 966,139	44 354,871	11,183	10,715
4	14	99 065	78 468,437	1 337 771,350	17,049	16,581	54	64	85 936	3 695,365	40 388,733	10,930	10,462
5	15	99 038	74 006,997	1 259 302,913	17,016	16,548	55	65	84 771	3 438,928	36 693,368	10,670	10,202
6	16	99 013	69 800,380	1 185 295,916	16,981	16,513	56	66	83 534	3 196,946	33 254,441	10,402	9,934
7	17	98 987	65 831,888	1 115 495,536	16,945	16,477	57	67	82 230	2 968,914	30 057,495	10,124	9,656
8	18	98 960	62 088,648	1 049 663,648	16,906	16,438	58	68	80 840	2 753,493	27 088,581	9,838	9,370
9	19	98 929	58 555,771	987 575,000	16,866	16,398	59	69	79 340	2 549,446	24 335,088	9,545	9,077
10	20	98 899	55 224,672	929 019,229	16,823	16,355	60	70	77 717	2 355,930	21 785,642	9,247	8,779
11	21	98 869	52 083,098	873 794,556	16,777	16,309	61	71	75 974	2 172,735	19 429,712	8,943	8,475
12	22	98 838	49 119,601	821 711,459	16,729	16,261	62	72	74 117	1 999,664	17 256,977	8,630	8,162
13	23	98 805	46 323,753	772 591,858	16,678	16,210	63	73	72 073	1 834,448	15 257,313	8,317	7,849
14	24	98 774	43 687,889	726 268,104	16,624	16,156	64	74	69 894	1 678,276	13 422,865	7,998	7,530
15	25	98 735	41 198,823	682 580,215	16,568	16,100	65	75	67 558	1 530,367	11 744,589	7,674	7,206
16	26	98 694	38 850,392	641 381,392	16,509	16,041	66	76	65 023	1 389,573	10 214,222	7,351	6,883
17	27	98 638	36 630,656	602 531,000	16,449	15,981	67	77	62 319	1 256,390	8 824,649	7,024	6,556
18	28	98 579	34 536,506	565 900,344	16,386	15,918	68	78	59 423	1 130,206	7 568,259	6,696	6,228
19	29	98 499	32 555,045	531 363,838	16,322	15,854	69	79	56 318	1 010,514	6 438,053	6,371	5,903
20	30	98 418	30 687,045	498 808,792	16,255	15,787	70	80	53 031	897,683	5 427,539	6,046	5,578
21	31	98 332	28 924,808	468 121,747	16,184	15,716	71	81	49 535	791,029	4 529,856	5,727	5,259
22	32	98 244	27 263,275	439 196,940	16,109	15,642	72	82	45 867	690,993	3 738,827	5,411	4,943
23	33	98 155	25 696,696	411 933,665	16,031	15,563	73	83	42 000	596,924	3 047,834	5,106	4,638
24	34	98 065	24 220,049	386 236,968	15,947	15,479	74	84	38 013	509,674	2 450,910	4,809	4,341
25	35	97 969	22 826,672	362 016,919	15,859	15,391	75	85	33 930	429,179	1 941,236	4,523	4,055
26	36	97 869	21 512,662	339 190,247	15,767	15,299	76	86	29 803	355,641	1 512,056	4,252	3,784
27	37	97 764	20 273,111	317 677,586	15,670	15,202	77	87	25 733	289,699	1 156,415	3,992	3,524
28	38	97 651	19 103,404	297 404,475	15,568	15,100	78	88	21 651	229,939	866,716	3,769	3,301
29	39	97 533	18 000,293	278 301,070	15,461	14,993	79	89	17 881	179,153	636,777	3,554	3,086
30	40	97 401	16 958,549	260 300,777	15,349	14,881	80	90	14 450	136,582	457,624	3,351	2,883
31	41	97 267	15 976,607	243 342,229	15,231	14,763	81	91	11 473	102,303	321,042	3,138	2,670
32	42	97 114	15 048,583	227 365,622	15,109	14,641	82	92	8 776	73,827	218,740	2,963	2,495
33	43	96 950	14 172,758	212 317,039	14,981	14,513	83	93	6 531	51,835	144,913	2,796	2,328
34	44	96 777	13 346,714	198 144,281	14,846	14,378	84	94	4 712	35,282	93,078	2,638	2,170
35	45	96 590	12 566,839	184 797,567	14,705	14,237	85	95	3 284	23,197	57,796	2,492	2,024
36	46	96 376	11 829,226	172 230,728	14,560	14,092	86	96	2 202	14,670	34,599	2,359	1,891
37	47	96 138	11 132,175	160 401,502	14,409	13,941	87	97	1 417	8,906	19,929	2,238	1,770
38	48	95 877	10 473,472	149 269,327	14,252	13,784	88	98	871	5,163	11,023	2,135	1,667
39	49	95 596	9 851,707	138 795,855	14,089	13,621	89	99	514	2,877	5,861	2,037	1,569
40	50	95 284	9 263,733	128 944,147	13,919	13,451	90	100	290	1,531	2,983	1,948	1,480
41	51	94 932	8 707,064	119 680,415	13,745	13,277							
42	52	94 555	8 181,580	110 973,351	13,564	13,096							
43	53	94 141	7 684,673	102 791,770	13,376	12,908							
44	54	93 674	7 213,759	95 107,097	13,184	12,716							
45	55	93 177	6 769,313	87 893,338	12,984	12,516							
46	56	92 618	6 347,832	81 124,025	12,780	12,312							
47	57	92 013	5 949,374	74 776,193	12,569	12,101							
48	58	91 349	5 572,168	68 826,819	12,352	11,884							
49	59	90 612	5 214,314	63 254,651	12,131	11,663							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 700 559,277	17,080	16,612	50	61	89 336	4 849,924	57 001,680	11,753	11,285
1	12	99 151	93 538,931	1 600 995,717	17,116	16,648	51	62	88 449	4 529,952	52 151,756	11,513	11,045
2	13	99 108	88 206,103	1 507 456,786	17,090	16,622	52	63	87 472	4 226,336	47 621,804	11,268	10,800
3	14	99 080	83 189,104	1 419 250,683	17,061	16,593	53	64	86 432	3 939,690	43 395,468	11,015	10,547
4	15	99 052	78 458,723	1 336 061,580	17,029	16,561	54	65	85 317	3 668,773	39 455,778	10,754	10,287
5	16	99 025	73 996,965	1 257 602,857	16,995	16,527	55	66	84 114	3 412,302	35 787,005	10,488	10,020
6	17	98 997	69 789,159	1 183 605,892	16,960	16,492	56	67	82 847	3 170,667	32 374,703	10,211	9,743
7	18	98 969	65 820,332	1 113 816,733	16,922	16,454	57	68	81 489	2 942,135	29 204,035	9,926	9,458
8	19	98 938	62 075,085	1 047 996,401	16,883	16,415	58	69	80 048	2 726,522	26 261,900	9,632	9,164
9	20	98 907	58 543,178	985 921,316	16,841	16,373	59	70	78 470	2 521,485	23 535,378	9,334	8,866
10	21	98 878	55 213,021	927 378,137	16,796	16,328	60	71	76 788	2 327,781	21 013,893	9,027	8,559
11	22	98 848	52 071,840	872 165,117	16,749	16,281	61	72	74 960	2 143,744	18 686,112	8,717	8,249
12	23	98 816	49 108,314	820 093,277	16,700	16,232	62	73	72 971	1 968,719	16 542,368	8,403	7,935
13	24	98 783	46 313,217	770 984,963	16,647	16,179	63	74	70 824	1 802,648	14 573,650	8,085	7,617
14	25	98 752	43 677,956	724 671,746	16,591	16,123	64	75	68 543	1 645,845	12 771,002	7,760	7,292
15	26	98 713	41 189,643	680 993,790	16,533	16,065	65	76	66 053	1 496,269	11 125,157	7,435	6,967
16	27	98 667	38 840,013	639 804,147	16,473	16,005	66	77	63 375	1 354,351	9 628,889	7,110	6,642
17	28	98 613	36 621,201	600 964,135	16,410	15,942	67	78	60 514	1 220,012	8 274,538	6,782	6,314
18	29	98 553	34 527,536	564 342,934	16,345	15,877	68	79	57 447	1 092,617	7 054,526	6,457	5,989
19	30	98 471	32 546,016	529 815,398	16,279	15,811	69	80	54 203	972,568	5 961,909	6,130	5,662
20	31	98 391	30 678,623	497 269,382	16,209	15,741	70	81	50 731	858,748	4 989,340	5,810	5,342
21	32	98 300	28 915,377	466 590,759	16,136	15,668	71	82	47 083	751,877	4 130,593	5,494	5,026
22	33	98 210	27 253,833	437 675,381	16,059	15,591	72	83	43 258	651,698	3 378,716	5,184	4,717
23	34	98 119	25 687,399	410 421,549	15,978	15,510	73	84	39 272	558,148	2 727,018	4,886	4,418
24	35	98 026	24 210,220	384 734,149	15,891	15,423	74	85	35 200	471,966	2 168,870	4,595	4,127
25	36	97 927	22 816,944	360 523,929	15,801	15,333	75	86	31 036	392,572	1 696,904	4,323	3,855
26	37	97 824	21 502,630	337 706,985	15,705	15,237	76	87	26 922	321,269	1 304,332	4,060	3,592
27	38	97 712	20 262,433	316 204,355	15,605	15,137	77	88	22 783	256,482	983,063	3,833	3,365
28	39	97 593	19 092,142	295 941,922	15,501	15,033	78	89	18 934	201,090	726,581	3,613	3,145
29	40	97 464	17 987,634	276 849,780	15,391	14,923	79	90	15 382	154,113	525,491	3,410	2,942
30	41	97 332	16 946,461	258 862,147	15,275	14,807	80	91	12 308	116,341	371,378	3,192	2,724
31	42	97 186	15 963,331	241 915,686	15,154	14,686	81	92	9 486	84,589	255,037	3,015	2,547
32	43	97 022	15 034,348	225 952,355	15,029	14,561	82	93	7 117	59,875	170,448	2,847	2,379
33	44	96 848	14 157,798	210 918,007	14,898	14,430	83	94	5 180	41,111	110,573	2,690	2,222
34	45	96 668	13 331,621	196 760,209	14,759	14,291	84	95	3 650	27,330	69,462	2,542	2,074
35	46	96 459	12 549,841	183 428,588	14,616	14,148	85	96	2 481	17,527	42,132	2,404	1,936
36	47	96 226	11 810,880	170 878,747	14,468	14,000	86	97	1 620	10,797	24,605	2,279	1,811
37	48	95 972	11 112,856	159 067,867	14,314	13,846	87	98	1 014	6,377	13,808	2,165	1,697
38	49	95 699	10 454,065	147 955,011	14,153	13,685	88	99	606	3,592	7,431	2,069	1,601
39	50	95 396	9 831,097	137 500,946	13,986	13,518	89	100	347	1,942	3,839	1,977	1,509
40	51	95 062	9 242,088	127 669,849	13,814	13,346							
41	52	94 695	8 685,377	118 427,760	13,635	13,167							
42	53	94 293	8 158,911	109 742,384	13,451	12,983							
43	54	93 855	7 661,318	101 583,473	13,259	12,791							
44	55	93 376	7 190,775	93 922,155	13,061	12,594							
45	56	92 842	6 744,961	86 731,380	12,859	12,391							
46	57	92 267	6 323,755	79 986,420	12,649	12,181							
47	58	91 633	5 924,825	73 662,665	12,433	11,965							
48	59	90 933	5 546,761	67 737,839	12,212	11,744							
49	60	90 179	5 189,398	62 191,078	11,984	11,516							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 698 694,038	17,063	16,595	50	62	88 828	4 822,350	55 900,736	11,592	11,124
1	13	99 144	93 531,760	1 599 138,385	17,097	16,629	51	63	87 894	4 501,528	51 078,386	11,347	10,879
2	14	99 099	88 197,426	1 505 606,625	17,071	16,603	52	64	86 889	4 198,152	46 576,858	11,095	10,627
3	15	99 067	83 178,805	1 417 409,198	17,041	16,573	53	65	85 810	3 911,341	42 378,706	10,835	10,366
4	16	99 039	78 448,087	1 334 230,393	17,008	16,540	54	66	84 657	3 640,368	38 467,366	10,567	10,099
5	17	99 009	73 985,069	1 255 782,307	16,973	16,505	55	67	83 423	3 384,254	34 826,998	10,291	9,823
6	18	98 980	69 776,908	1 181 797,238	16,937	16,469	56	68	82 100	3 142,069	31 442,744	10,007	9,539
7	19	98 948	65 805,955	1 112 020,329	16,898	16,431	57	69	80 690	2 913,317	28 300,675	9,714	9,246
8	20	98 917	62 061,736	1 046 214,375	16,858	16,390	58	70	79 170	2 696,619	25 387,358	9,415	8,947
9	21	98 887	58 530,826	984 152,639	16,814	16,346	59	71	77 532	2 491,358	22 690,739	9,108	8,640
10	22	98 857	55 201,086	925 621,813	16,768	16,300	60	72	75 764	2 296,721	20 199,382	8,795	8,327
11	23	98 825	52 059,874	870 420,726	16,720	16,252	61	73	73 800	2 110,569	17 902,661	8,482	8,014
12	24	98 793	49 097,144	818 360,852	16,668	16,200	62	74	71 706	1 934,590	15 792,091	8,163	7,695
13	25	98 760	46 302,687	769 263,708	16,614	16,146	63	75	69 455	1 767,813	13 857,501	7,839	7,371
14	26	98 730	43 668,223	722 961,021	16,556	16,088	64	76	67 016	1 609,173	12 089,688	7,513	7,045
15	27	98 687	41 178,638	679 292,798	16,496	16,028	65	77	64 378	1 458,342	10 480,515	7,187	6,719
16	28	98 642	38 829,987	638 114,160	16,434	15,966	66	78	61 540	1 315,136	9 022,173	6,860	6,392
17	29	98 587	36 611,689	599 284,173	16,369	15,901	67	79	58 502	1 179,437	7 707,036	6,535	6,067
18	30	98 526	34 517,959	562 672,484	16,301	15,833	68	80	55 290	1 051,589	6 527,600	6,207	5,739
19	31	98 444	32 537,084	528 154,524	16,232	15,764	69	81	51 852	930,385	5 476,011	5,886	5,418
20	32	98 358	30 668,621	495 617,441	16,160	15,692	70	82	48 220	816,243	4 545,626	5,569	5,101
21	33	98 266	28 905,363	464 948,819	16,085	15,617	71	83	44 405	709,119	3 729,383	5,259	4,791
22	34	98 175	27 243,972	436 043,456	16,005	15,537	72	84	40 448	609,364	3 020,264	4,956	4,488
23	35	98 080	25 676,975	408 799,484	15,921	15,453	73	85	36 366	516,853	2 410,900	4,665	4,197
24	36	97 984	24 199,903	383 122,509	15,832	15,364	74	86	32 198	431,709	1 894,047	4,387	3,919
25	37	97 882	22 806,304	358 922,606	15,738	15,270	75	87	28 036	354,631	1 462,337	4,124	3,656
26	38	97 772	21 491,305	336 116,302	15,640	15,172	76	88	23 835	284,432	1 107,707	3,894	3,426
27	39	97 655	20 250,487	314 624,998	15,537	15,069	77	89	19 924	224,303	823,275	3,670	3,202
28	40	97 524	19 078,715	294 374,510	15,429	14,962	78	90	16 288	172,984	598,972	3,463	2,995
29	41	97 395	17 974,812	275 295,796	15,316	14,848	79	91	13 102	131,274	425,988	3,245	2,777
30	42	97 251	16 932,379	257 320,983	15,197	14,729	80	92	10 177	96,197	294,713	3,064	2,596
31	43	97 094	15 948,230	240 388,605	15,073	14,605	81	93	7 693	68,603	198,516	2,894	2,426
32	44	96 920	15 018,478	224 440,375	14,944	14,476	82	94	5 645	47,488	129,913	2,736	2,268
33	45	96 738	14 141,788	209 421,896	14,809	14,341	83	95	4 013	31,845	82,425	2,588	2,120
34	46	96 537	13 313,589	195 280,108	14,668	14,200	84	96	2 758	20,649	50,580	2,450	1,982
35	47	96 310	12 530,378	181 966,519	14,522	14,054	85	97	1 826	12,900	29,931	2,320	1,852
36	48	96 059	11 790,383	169 436,141	14,371	13,903	86	98	1 160	7,731	17,031	2,203	1,735
37	49	95 794	11 092,265	157 645,758	14,212	13,744	87	99	706	4,437	9,300	2,096	1,628
38	50	95 499	10 432,195	146 553,494	14,048	13,580	88	100	409	2,425	4,864	2,006	1,538
39	51	95 173	9 808,127	136 121,299	13,878	13,410							
40	52	94 825	9 219,068	126 313,172	13,701	13,233							
41	53	94 433	8 661,311	117 094,104	13,519	13,051							
42	54	94 006	8 134,114	108 432,793	13,331	12,863							
43	55	93 556	7 636,908	100 298,679	13,133	12,665							
44	56	93 040	7 164,906	92 661,771	12,933	12,465							
45	57	92 490	6 719,378	85 496,865	12,724	12,256							
46	58	91 886	6 297,662	78 777,488	12,509	12,041							
47	59	91 215	5 897,810	72 479,826	12,289	11,821							
48	60	90 498	5 520,257	66 582,016	12,061	11,593							
49	61	89 686	5 161,023	61 061,759	11,831	11,363							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 696 696,030	17,044	16,576	50	63	88 271	4 792,091	54 734,737	11,422	10,954
1	14	99 134	93 522,560	1 597 148,009	17,078	16,610	51	64	87 308	4 471,509	49 942,646	11,169	10,701
2	15	99 086	88 186,508	1 503 625,450	17,051	16,583	52	65	86 263	4 167,943	45 471,137	10,910	10,442
3	16	99 054	83 167,529	1 415 438,942	17,019	16,551	53	66	85 145	3 881,057	41 303,195	10,642	10,174
4	17	99 023	78 435,475	1 332 271,412	16,986	16,518	54	67	83 961	3 610,445	37 422,138	10,365	9,897
5	18	98 991	73 972,082	1 253 835,937	16,950	16,482	55	68	82 670	3 353,729	33 811,692	10,082	9,614
6	19	98 958	69 761,666	1 179 863,855	16,913	16,445	56	69	81 296	3 111,292	30 457,963	9,789	9,322
7	20	98 927	65 791,803	1 110 102,189	16,873	16,405	57	70	79 805	2 881,364	27 346,671	9,491	9,023
8	21	98 896	62 048,641	1 044 310,386	16,831	16,363	58	71	78 224	2 664,399	24 465,307	9,182	8,714
9	22	98 865	58 518,175	982 261,745	16,786	16,318	59	72	76 498	2 458,115	21 800,998	8,869	8,401
10	23	98 834	55 188,402	923 743,570	16,738	16,270	60	73	74 591	2 261,179	19 342,792	8,554	8,086
11	24	98 803	52 048,033	868 555,168	16,688	16,220	61	74	72 521	2 073,982	17 081,613	8,236	7,768
12	25	98 771	49 085,981	816 507,135	16,634	16,166	62	75	70 320	1 897,206	15 007,632	7,910	7,442
13	26	98 738	46 292,369	767 421,154	16,578	16,110	63	76	67 908	1 728,424	13 110,426	7,585	7,117
14	27	98 703	43 656,556	721 128,785	16,518	16,050	64	77	65 317	1 568,384	11 382,002	7,257	6,789
15	28	98 662	41 168,009	677 472,228	16,456	15,988	65	78	62 514	1 416,117	9 813,617	6,930	6,462
16	29	98 616	38 819,901	636 304,219	16,391	15,923	66	79	59 493	1 271,398	8 397,500	6,605	6,137
17	30	98 560	36 601,534	597 484,318	16,324	15,856	67	80	56 305	1 135,148	7 126,103	6,278	5,810
18	31	98 499	34 508,486	560 882,784	16,253	15,786	68	81	52 892	1 005,978	5 990,955	5,955	5,487
19	32	98 412	32 526,476	526 374,297	16,183	15,715	69	82	49 286	884,335	4 984,977	5,637	5,169
20	33	98 324	30 658,000	493 847,822	16,108	15,640	70	83	45 478	769,825	4 100,642	5,327	4,859
21	34	98 230	28 894,905	463 189,822	16,030	15,562	71	84	41 521	663,055	3 330,817	5,023	4,555
22	35	98 135	27 232,916	434 294,917	15,947	15,479	72	85	37 456	564,280	2 667,761	4,728	4,260
23	36	98 038	25 666,033	407 062,001	15,860	15,392	73	86	33 264	472,768	2 103,482	4,449	3,981
24	37	97 938	24 188,618	381 395,968	15,768	15,300	74	87	29 086	389,985	1 630,714	4,181	3,714
25	38	97 830	22 794,292	357 207,350	15,671	15,203	75	88	24 821	313,968	1 240,729	3,952	3,484
26	39	97 715	21 478,634	334 413,058	15,570	15,102	76	89	20 845	248,746	926,760	3,726	3,258
27	40	97 586	20 236,246	312 934,424	15,464	14,996	77	90	17 140	192,952	678,014	3,514	3,046
28	41	97 455	19 065,116	292 698,179	15,353	14,885	78	91	13 874	147,348	485,061	3,292	2,824
29	42	97 314	17 959,876	273 633,063	15,236	14,768	79	92	10 834	108,545	337,713	3,111	2,643
30	43	97 159	16 916,361	255 673,187	15,114	14,646	80	93	8 254	78,017	229,168	2,937	2,469
31	44	96 992	15 931,396	238 756,826	14,987	14,519	81	94	6 102	54,411	151,151	2,778	2,310
32	45	96 810	15 001,495	222 825,430	14,854	14,386	82	95	4 373	36,784	96,740	2,630	2,162
33	46	96 607	14 122,661	207 823,935	14,716	14,248	83	96	3 032	24,060	59,956	2,492	2,024
34	47	96 387	13 292,941	193 701,274	14,572	14,104	84	97	2 030	15,198	35,895	2,362	1,894
35	48	96 142	12 508,632	180 408,333	14,423	13,955	85	98	1 308	9,237	20,697	2,241	1,773
36	49	95 881	11 768,536	167 899,701	14,267	13,799	86	99	807	5,379	11,461	2,131	1,663
37	50	95 593	11 069,059	156 131,165	14,105	13,637	87	100	476	2,995	6,082	2,031	1,563
38	51	95 276	10 407,820	145 062,106	13,938	13,470							
39	52	94 936	9 783,697	134 654,286	13,763	13,295							
40	53	94 562	9 193,524	124 870,589	13,582	13,114							
41	54	94 146	8 634,987	115 677,066	13,396	12,928							
42	55	93 707	8 108,198	107 042,078	13,202	12,734							
43	56	93 219	7 609,434	98 933,880	13,001	12,534							
44	57	92 687	7 137,730	91 324,447	12,795	12,327							
45	58	92 108	6 691,652	84 186,717	12,581	12,113							
46	59	91 467	6 268,946	77 495,065	12,362	11,894							
47	60	90 779	5 869,629	71 226,118	12,135	11,667							
48	61	90 004	5 490,073	65 356,490	11,904	11,437							
49	62	89 176	5 131,681	59 866,417	11,666	11,198							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 694 556,996	17,024	16,556	50	64	87 682	4 760,134	53 502,720	11,240	10,772
1	15	99 122	93 510,982	1 595 018,768	17,057	16,589	51	65	86 680	4 439,332	48 742,586	10,980	10,512
2	16	99 073	88 174,553	1 501 507,786	17,029	16,561	52	66	85 596	4 135,673	44 303,254	10,712	10,245
3	17	99 038	83 154,159	1 413 333,233	16,997	16,529	53	67	84 445	3 849,156	40 167,581	10,435	9,967
4	18	99 006	78 421,707	1 330 179,073	16,962	16,494	54	68	83 204	3 577,880	36 318,426	10,151	9,683
5	19	98 970	73 955,924	1 251 757,367	16,926	16,458	55	69	81 861	3 320,879	32 740,545	9,859	9,391
6	20	98 937	69 746,664	1 177 801,443	16,887	16,419	56	70	80 404	3 077,169	29 419,667	9,561	9,093
7	21	98 906	65 777,921	1 108 054,779	16,845	16,377	57	71	78 852	2 846,937	26 342,498	9,253	8,785
8	22	98 875	62 035,230	1 042 276,858	16,801	16,333	58	72	77 180	2 628,848	23 495,561	8,938	8,470
9	23	98 843	58 504,728	980 241,628	16,755	16,287	59	73	75 314	2 420,076	20 866,713	8,622	8,154
10	24	98 812	55 175,849	921 736,900	16,705	16,237	60	74	73 298	2 221,980	18 446,637	8,302	7,834
11	25	98 780	52 036,200	866 561,052	16,653	16,185	61	75	71 119	2 033,904	16 224,656	7,977	7,509
12	26	98 749	49 075,043	814 524,852	16,598	16,130	62	76	68 753	1 854,934	14 190,753	7,650	7,182
13	27	98 712	46 280,002	765 449,809	16,540	16,072	63	77	66 187	1 684,613	12 335,818	7,323	6,855
14	28	98 678	43 645,287	719 169,807	16,478	16,010	64	78	63 426	1 522,973	10 651,206	6,994	6,526
15	29	98 636	41 157,316	675 524,520	16,413	15,945	65	79	60 435	1 369,019	9 128,233	6,668	6,200
16	30	98 589	38 809,134	634 367,204	16,346	15,878	66	80	57 259	1 223,656	7 759,214	6,341	5,873
17	31	98 533	36 591,489	595 558,069	16,276	15,808	67	81	53 863	1 085,913	6 535,558	6,018	5,551
18	32	98 467	34 497,236	558 966,580	16,203	15,735	68	82	50 274	956,186	5 449,645	5,699	5,231
19	33	98 378	32 515,210	524 469,344	16,130	15,662	69	83	46 483	834,045	4 493,458	5,388	4,920
20	34	98 289	30 646,908	491 954,134	16,052	15,584	70	84	42 524	719,818	3 659,414	5,084	4,616
21	35	98 190	28 883,179	461 307,226	15,971	15,504	71	85	38 449	613,999	2 939,596	4,788	4,320
22	36	98 093	27 221,311	432 424,047	15,885	15,418	72	86	34 261	516,149	2 325,597	4,506	4,038
23	37	97 992	25 654,064	405 202,737	15,795	15,327	73	87	30 049	427,076	1 809,448	4,237	3,769
24	38	97 887	24 175,878	379 548,673	15,699	15,232	74	88	25 751	345,269	1 382,372	4,004	3,536
25	39	97 772	22 780,853	355 372,795	15,600	15,132	75	89	21 707	274,577	1 037,103	3,777	3,309
26	40	97 646	21 463,529	332 591,941	15,496	15,028	76	90	17 932	213,979	762,526	3,564	3,096
27	41	97 517	20 221,822	311 128,413	15,386	14,918	77	91	14 600	164,358	548,547	3,338	2,870
28	42	97 374	19 049,273	290 906,591	15,271	14,803	78	92	11 472	121,836	384,189	3,153	2,685
29	43	97 222	17 942,887	271 857,318	15,151	14,683	79	93	8 786	88,032	262,353	2,980	2,512
30	44	97 056	16 898,505	253 914,431	15,026	14,558	80	94	6 546	61,877	174,322	2,817	2,349
31	45	96 882	15 913,380	237 015,926	14,894	14,426	81	95	4 727	42,147	112,445	2,668	2,200
32	46	96 680	14 981,205	221 102,546	14,759	14,291	82	96	3 304	27,793	70,298	2,529	2,061
33	47	96 458	14 100,758	206 121,341	14,618	14,150	83	97	2 231	17,709	42,505	2,400	1,932
34	48	96 220	13 269,872	192 020,583	14,470	14,002	84	98	1 453	10,882	24,796	2,279	1,811
35	49	95 964	12 485,454	178 750,712	14,317	13,849	85	99	910	6,426	13,914	2,165	1,697
36	50	95 681	11 743,915	166 265,257	14,158	13,690	86	100	545	3,631	7,488	2,062	1,594
37	51	95 370	11 043,196	154 521,342	13,992	13,524							
38	52	95 039	10 381,896	143 478,146	13,820	13,352							
39	53	94 673	9 756,588	133 096,249	13,642	13,174							
40	54	94 275	9 165,583	123 339,661	13,457	12,989							
41	55	93 846	8 607,475	114 174,078	13,265	12,797							
42	56	93 370	8 079,028	105 566,603	13,067	12,599							
43	57	92 865	7 580,572	97 487,575	12,860	12,392							
44	58	92 304	7 108,278	89 907,003	12,648	12,180							
45	59	91 688	6 661,140	82 798,725	12,430	11,962							
46	60	91 030	6 238,991	76 137,585	12,204	11,736							
47	61	90 283	5 837,534	69 898,594	11,974	11,506							
48	62	89 492	5 458,859	64 061,060	11,735	11,267							
49	63	88 616	5 099,480	58 602,201	11,492	11,024							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 692 270,840	17,003	16,535	50	65	87 051	4 725,881	52 202,701	11,046	10,578
1	16	99 108	93 498,306	1 592 744,934	17,035	16,567	51	66	86 008	4 404,961	47 476,820	10,778	10,310
2	17	99 057	88 160,378	1 499 246,628	17,006	16,538	52	67	84 892	4 101,678	43 071,859	10,501	10,033
3	18	99 021	83 139,562	1 411 086,250	16,973	16,505	53	68	83 684	3 814,438	38 970,180	10,216	9,749
4	19	98 984	78 404,576	1 327 946,688	16,937	16,469	54	69	82 389	3 542,834	35 155,743	9,923	9,455
5	20	98 948	73 940,019	1 249 542,111	16,899	16,431	55	70	80 963	3 284,457	31 612,908	9,625	9,157
6	21	98 916	69 731,948	1 175 602,092	16,859	16,391	56	71	79 444	3 040,402	28 328,452	9,317	8,849
7	22	98 884	65 763,704	1 105 870,144	16,816	16,348	57	72	77 800	2 808,951	25 288,050	9,003	8,535
8	23	98 852	62 020,974	1 040 106,441	16,770	16,302	58	73	75 986	2 588,166	22 479,099	8,685	8,217
9	24	98 820	58 491,421	978 085,466	16,722	16,254	59	74	74 008	2 378,123	19 890,933	8,364	7,896
10	25	98 789	55 163,304	919 594,046	16,670	16,202	60	75	71 882	2 179,043	17 512,810	8,037	7,569
11	26	98 758	52 024,604	864 430,741	16,616	16,148	61	76	69 535	1 988,586	15 333,767	7,711	7,243
12	27	98 722	49 061,932	812 406,137	16,559	16,091	62	77	67 010	1 807,916	13 345,181	7,382	6,914
13	28	98 686	46 268,055	763 344,205	16,498	16,030	63	78	64 270	1 635,836	11 537,265	7,053	6,585
14	29	98 652	43 633,951	717 076,150	16,434	15,966	64	79	61 317	1 472,322	9 901,430	6,725	6,257
15	30	98 609	41 145,901	673 442,199	16,367	15,899	65	80	58 166	1 317,612	8 429,108	6,397	5,929
16	31	98 562	38 798,483	632 296,298	16,297	15,829	66	81	54 776	1 170,582	7 111,496	6,075	5,607
17	32	98 500	36 579,560	593 497,815	16,225	15,757	67	82	51 197	1 032,165	5 940,914	5,756	5,288
18	33	98 433	34 485,288	556 918,255	16,149	15,681	68	83	47 415	901,810	4 908,749	5,443	4,975
19	34	98 342	32 503,447	522 432,967	16,073	15,605	69	84	43 463	779,866	4 006,939	5,138	4,670
20	35	98 249	30 634,471	489 929,521	15,993	15,525	70	85	39 378	666,562	3 227,073	4,841	4,373
21	36	98 148	28 870,870	459 295,050	15,909	15,441	71	86	35 169	561,627	2 560,511	4,559	4,091
22	37	98 047	27 208,617	430 424,180	15,819	15,351	72	87	30 950	466,264	1 998,884	4,287	3,819
23	38	97 940	25 640,552	403 215,563	15,726	15,258	73	88	26 604	378,106	1 532,620	4,053	3,585
24	39	97 829	24 161,624	377 575,011	15,627	15,159	74	89	22 520	301,951	1 154,513	3,824	3,356
25	40	97 704	22 764,832	353 413,386	15,525	15,057	75	90	18 673	236,200	852,563	3,609	3,142
26	41	97 576	21 448,230	330 648,554	15,416	14,948	76	91	15 274	182,268	616,363	3,382	2,914
27	42	97 436	20 205,018	309 200,324	15,303	14,835	77	92	12 072	135,900	434,094	3,194	2,726
28	43	97 282	19 031,253	288 995,306	15,185	14,717	78	93	9 304	98,811	298,194	3,018	2,550
29	44	97 119	17 923,947	269 964,053	15,062	14,594	79	94	6 969	69,819	199,383	2,856	2,388
30	45	96 947	16 879,396	252 040,106	14,932	14,464	80	95	5 071	47,930	129,564	2,703	2,235
31	46	96 751	15 891,856	235 160,710	14,798	14,330	81	96	3 571	31,844	81,634	2,564	2,096
32	47	96 530	14 957,970	219 268,853	14,659	14,191	82	97	2 432	20,456	49,789	2,434	1,966
33	48	96 290	14 076,287	204 310,883	14,515	14,047	83	98	1 598	12,680	29,334	2,313	1,845
34	49	96 042	13 245,283	190 234,596	14,362	13,894	84	99	1 011	7,571	16,654	2,200	1,732
35	50	95 764	12 459,334	176 989,313	14,205	13,737	85	100	614	4,338	9,083	2,094	1,626
36	51	95 457	11 716,476	164 529,979	14,043	13,575							
37	52	95 132	11 015,690	152 813,503	13,872	13,404							
38	53	94 775	10 353,130	141 797,813	13,696	13,228							
39	54	94 385	9 726,936	131 444,683	13,513	13,046							
40	55	93 974	9 136,380	121 717,747	13,322	12,854							
41	56	93 508	8 576,509	112 581,367	13,127	12,659							
42	57	93 015	8 048,385	104 004,858	12,922	12,454							
43	58	92 482	7 549,293	95 956,473	12,711	12,243							
44	59	91 884	7 075,867	88 407,180	12,494	12,026							
45	60	91 250	6 629,311	81 331,314	12,268	11,800							
46	61	90 532	6 204,877	74 702,003	12,039	11,571							
47	62	89 770	5 804,345	68 497,125	11,801	11,333							
48	63	88 930	5 424,606	62 692,780	11,557	11,089							
49	64	88 025	5 065,474	57 268,175	11,306	10,838							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 689 831,562	16,981	16,513	50	66	86 377	4 689,291	50 833,279	10,840	10,372
1	17	99 092	93 483,274	1 590 319,148	17,012	16,544	51	67	85 301	4 368,753	46 143,988	10,562	10,094
2	18	99 040	88 144,903	1 496 835,873	16,982	16,514	52	68	84 126	4 064,683	41 775,234	10,278	9,810
3	19	98 999	83 121,402	1 408 690,971	16,947	16,479	53	69	82 864	3 777,075	37 710,552	9,984	9,516
4	20	98 963	78 387,715	1 325 569,569	16,910	16,442	54	70	81 485	3 503,978	33 933,477	9,684	9,216
5	21	98 928	73 924,418	1 247 181,854	16,871	16,403	55	71	79 996	3 245,213	30 429,499	9,377	8,909
6	22	98 895	69 716,876	1 173 257,435	16,829	16,361	56	72	78 384	2 999,834	27 184,286	9,062	8,594
7	23	98 862	65 748,592	1 103 540,560	16,784	16,316	57	73	76 596	2 765,482	24 184,452	8,745	8,277
8	24	98 830	62 006,867	1 037 791,968	16,737	16,269	58	74	74 669	2 543,299	21 418,970	8,422	7,954
9	25	98 798	58 478,123	975 785,101	16,686	16,218	59	75	72 578	2 332,168	18 875,671	8,094	7,626
10	26	98 767	55 151,011	917 306,978	16,633	16,165	60	76	70 280	2 130,491	16 543,503	7,765	7,297
11	27	98 732	52 010,705	862 155,967	16,577	16,109	61	77	67 772	1 938,180	14 413,012	7,436	6,968
12	28	98 697	49 049,268	810 145,262	16,517	16,049	62	78	65 070	1 755,569	12 474,832	7,106	6,638
13	29	98 661	46 256,038	761 095,994	16,454	15,986	63	79	62 133	1 581,431	10 719,263	6,778	6,310
14	30	98 625	43 621,849	714 839,956	16,387	15,919	64	80	59 014	1 417,035	9 137,832	6,449	5,981
15	31	98 581	41 134,609	671 218,107	16,318	15,850	65	81	55 643	1 260,463	7 720,797	6,125	5,657
16	32	98 530	38 785,834	630 083,499	16,245	15,777	66	82	52 065	1 112,643	6 460,334	5,806	5,338
17	33	98 466	36 566,891	591 297,664	16,170	15,702	67	83	48 285	973,468	5 347,691	5,493	5,025
18	34	98 397	34 472,811	554 730,774	16,092	15,624	68	84	44 335	843,229	4 374,223	5,187	4,720
19	35	98 303	32 490,256	520 257,963	16,013	15,545	69	85	40 248	722,167	3 530,994	4,889	4,421
20	36	98 207	30 621,416	487 767,706	15,929	15,461	70	86	36 019	609,707	2 808,827	4,607	4,139
21	37	98 103	28 857,407	457 146,291	15,842	15,374	71	87	31 770	507,347	2 199,120	4,335	3,867
22	38	97 996	27 194,286	428 288,884	15,749	15,281	72	88	27 401	412,802	1 691,773	4,098	3,630
23	39	97 883	25 625,435	401 094,597	15,652	15,184	73	89	23 266	330,668	1 278,971	3,868	3,400
24	40	97 760	24 144,632	375 469,162	15,551	15,083	74	90	19 372	259,747	948,303	3,651	3,183
25	41	97 634	22 748,606	351 324,530	15,444	14,976	75	91	15 906	201,196	688,555	3,422	2,954
26	42	97 495	21 430,407	328 575,924	15,332	14,864	76	92	12 630	150,710	487,360	3,234	2,766
27	43	97 343	20 185,905	307 145,517	15,216	14,748	77	93	9 790	110,217	336,650	3,054	2,586
28	44	97 179	19 011,165	286 959,613	15,094	14,626	78	94	7 379	78,369	226,433	2,889	2,421
29	45	97 009	17 903,678	267 948,448	14,966	14,498	79	95	5 398	54,083	148,064	2,738	2,270
30	46	96 816	16 856,566	250 044,769	14,834	14,366	80	96	3 831	36,214	93,981	2,595	2,127
31	47	96 601	15 867,210	233 188,204	14,696	14,228	81	97	2 628	23,438	57,767	2,465	1,997
32	48	96 362	14 932,012	217 320,994	14,554	14,086	82	98	1 741	14,647	34,330	2,344	1,876
33	49	96 112	14 050,204	202 388,982	14,405	13,937	83	99	1 112	8,822	19,683	2,231	1,763
34	50	95 841	13 217,573	188 338,778	14,249	13,781	84	100	683	5,111	10,861	2,125	1,657
35	51	95 540	12 430,223	175 121,205	14,088	13,620							
36	52	95 219	11 687,293	162 690,982	13,920	13,452							
37	53	94 869	10 985,167	151 003,689	13,746	13,278							
38	54	94 487	10 321,665	140 018,522	13,565	13,098							
39	55	94 085	9 695,944	129 696,857	13,376	12,908							
40	56	93 636	9 103,512	120 000,912	13,182	12,714							
41	57	93 154	8 543,980	110 897,401	12,980	12,512							
42	58	92 632	8 015,175	102 353,421	12,770	12,302							
43	59	92 061	7 514,870	94 338,246	12,554	12,086							
44	60	91 444	7 042,056	86 823,375	12,329	11,861							
45	61	90 751	6 593,063	79 781,320	12,101	11,633							
46	62	90 017	6 169,600	73 188,257	11,863	11,395							
47	63	89 206	5 767,924	67 018,658	11,619	11,151							
48	64	88 337	5 388,431	61 250,734	11,367	10,899							
49	65	87 392	5 029,024	55 862,303	11,108	10,640							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 687 231,413	16,958	16,490	50	67	85 667	4 650,746	49 393,078	10,620	10,152
1	18	99 075	93 466,865	1 587 734,996	16,987	16,519	51	68	84 532	4 329,349	44 742,332	10,335	9,867
2	19	99 018	88 125,648	1 494 268,132	16,956	16,488	52	69	83 302	4 024,869	40 412,983	10,041	9,573
3	20	98 978	83 103,526	1 406 142,483	16,920	16,452	53	70	81 955	3 735,649	36 388,114	9,741	9,273
4	21	98 942	78 371,176	1 323 038,957	16,882	16,414	54	71	80 511	3 462,112	32 652,465	9,431	8,963
5	22	98 906	73 908,440	1 244 667,781	16,841	16,373	55	72	78 928	3 201,912	29 190,353	9,117	8,649
6	23	98 872	69 700,855	1 170 759,341	16,797	16,329	56	73	77 171	2 953,411	25 988,441	8,799	8,332
7	24	98 839	65 733,637	1 101 058,486	16,750	16,282	57	74	75 268	2 717,541	23 035,030	8,476	8,008
8	25	98 807	61 992,770	1 035 324,849	16,701	16,233	58	75	73 226	2 494,152	20 317,489	8,146	7,678
9	26	98 776	58 465,091	973 332,079	16,648	16,180	59	76	70 961	2 280,204	17 823,337	7,817	7,349
10	27	98 741	55 136,277	914 866,988	16,593	16,125	60	77	68 499	2 076,488	15 543,133	7,485	7,017
11	28	98 706	51 997,279	859 730,711	16,534	16,066	61	78	65 810	1 882,061	13 466,644	7,155	6,687
12	29	98 671	49 036,528	807 733,431	16,472	16,004	62	79	62 906	1 697,182	11 584,583	6,826	6,358
13	30	98 633	46 243,208	758 696,904	16,407	15,939	63	80	59 800	1 522,047	9 887,401	6,496	6,028
14	31	98 598	43 609,877	712 453,695	16,337	15,869	64	81	56 454	1 355,574	8 365,354	6,171	5,703
15	32	98 549	41 121,198	668 843,818	16,265	15,797	65	82	52 889	1 198,075	7 009,780	5,851	5,383
16	33	98 496	38 772,401	627 722,620	16,190	15,722	66	83	49 104	1 049,369	5 811,705	5,538	5,070
17	34	98 431	36 553,661	588 950,219	16,112	15,644	67	84	45 149	910,232	4 762,335	5,232	4,764
18	35	98 357	34 458,821	552 396,558	16,031	15,563	68	85	41 055	780,842	3 852,103	4,933	4,465
19	36	98 261	32 476,410	517 937,737	15,948	15,480	69	86	36 815	660,569	3 071,260	4,649	4,181
20	37	98 161	30 607,136	485 461,327	15,861	15,393	70	87	32 538	550,780	2 410,691	4,377	3,909
21	38	98 051	28 842,208	454 854,190	15,770	15,302	71	88	28 127	449,174	1 859,911	4,141	3,673
22	39	97 938	27 178,253	426 011,982	15,675	15,207	72	89	23 963	361,011	1 410,738	3,908	3,440
23	40	97 814	25 607,414	398 833,729	15,575	15,107	73	90	20 014	284,451	1 049,727	3,690	3,222
24	41	97 690	24 127,422	373 226,315	15,469	15,001	74	91	16 502	221,254	765,276	3,459	2,991
25	42	97 553	22 729,702	349 098,893	15,359	14,891	75	92	13 152	166,360	544,022	3,270	2,802
26	43	97 403	21 410,135	326 369,191	15,244	14,776	76	93	10 243	122,228	377,662	3,090	2,622
27	44	97 241	20 164,598	304 959,056	15,123	14,656	77	94	7 765	87,415	255,434	2,922	2,454
28	45	97 069	18 989,667	284 794,458	14,997	14,529	78	95	5 716	60,705	168,019	2,768	2,300
29	46	96 878	17 879,462	265 804,792	14,866	14,399	79	96	4 078	40,862	107,314	2,626	2,158
30	47	96 665	16 830,423	247 925,329	14,731	14,263	80	97	2 820	26,654	66,451	2,493	2,025
31	48	96 434	15 839,673	231 094,907	14,590	14,122	81	98	1 882	16,782	39,798	2,371	1,903
32	49	96 183	14 904,343	215 255,233	14,442	13,974	82	99	1 211	10,190	23,015	2,259	1,791
33	50	95 911	14 020,810	200 350,890	14,290	13,822	83	100	750	5,956	12,825	2,153	1,685
34	51	95 617	13 186,691	186 330,080	14,130	13,662							
35	52	95 302	12 399,262	173 143,389	13,964	13,496							
36	53	94 955	11 654,909	160 744,127	13,792	13,324							
37	54	94 581	10 951,781	149 089,218	13,613	13,145							
38	55	94 186	10 288,778	138 137,437	13,426	12,958							
39	56	93 746	9 661,063	127 848,658	13,233	12,765							
40	57	93 281	9 068,983	118 187,595	13,032	12,564							
41	58	92 769	8 508,725	109 118,612	12,824	12,356							
42	59	92 209	7 978,629	100 609,887	12,610	12,142							
43	60	91 621	7 478,962	92 631,258	12,386	11,918							
44	61	90 944	7 003,551	85 152,297	12,158	11,690							
45	62	90 235	6 555,578	78 148,746	11,921	11,453							
46	63	89 453	6 130,887	71 593,168	11,677	11,209							
47	64	88 611	5 729,460	65 462,281	11,426	10,958							
48	65	87 702	5 349,657	59 732,822	11,166	10,698							
49	66	86 715	4 990,087	54 383,165	10,898	10,430							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 684 463,641	16,933	16,465	50	68	84 895	4 608,798	47 880,281	10,389	9,921
1	19	99 053	93 446,448	1 584 984,690	16,961	16,493	51	69	83 704	4 286,942	43 271,483	10,094	9,626
2	20	98 997	88 106,696	1 491 538,242	16,929	16,461	52	70	82 389	3 980,725	38 984,541	9,793	9,325
3	21	98 957	83 085,992	1 403 431,545	16,891	16,423	53	71	80 976	3 691,015	35 003,815	9,484	9,016
4	22	98 920	78 354,237	1 320 345,553	16,851	16,383	54	72	79 437	3 415,917	31 312,800	9,167	8,699
5	23	98 883	73 891,456	1 241 991,317	16,808	16,340	55	73	77 707	3 152,362	27 896,884	8,850	8,382
6	24	98 850	69 685,001	1 168 099,861	16,763	16,295	56	74	75 833	2 902,212	24 744,522	8,526	8,058
7	25	98 817	65 718,692	1 098 414,859	16,714	16,246	57	75	73 814	2 665,027	21 842,309	8,196	7,728
8	26	98 785	61 978,955	1 032 696,167	16,662	16,194	58	76	71 594	2 438,580	19 177,282	7,864	7,396
9	27	98 749	58 449,472	970 717,212	16,608	16,140	59	77	69 162	2 222,406	16 738,702	7,532	7,064
10	28	98 715	55 122,045	912 267,741	16,550	16,082	60	78	66 515	2 016,365	14 516,296	7,199	6,731
11	29	98 681	51 983,774	857 145,696	16,489	16,021	61	79	63 621	1 819,468	12 499,931	6,870	6,402
12	30	98 644	49 022,927	805 161,922	16,424	15,956	62	80	60 544	1 633,452	10 680,463	6,539	6,071
13	31	98 606	46 230,517	756 138,994	16,356	15,888	63	81	57 206	1 456,031	9 047,012	6,213	5,746
14	32	98 566	43 595,659	709 908,477	16,284	15,816	64	82	53 660	1 288,479	7 590,980	5,891	5,423
15	33	98 515	41 106,956	666 312,818	16,209	15,741	65	83	49 881	1 129,943	6 302,502	5,578	5,110
16	34	98 460	38 758,373	625 205,862	16,131	15,663	66	84	45 914	981,203	5 172,558	5,272	4,804
17	35	98 391	36 538,827	586 447,489	16,050	15,582	67	85	41 808	842,888	4 191,355	4,973	4,505
18	36	98 315	34 444,137	549 908,662	15,965	15,497	68	86	37 553	714,240	3 348,467	4,688	4,220
19	37	98 215	32 461,266	515 464,525	15,879	15,411	69	87	33 257	596,726	2 634,227	4,414	3,946
20	38	98 110	30 591,016	483 003,259	15,789	15,321	70	88	28 807	487,627	2 037,501	4,178	3,710
21	39	97 993	28 825,204	452 412,244	15,695	15,227	71	89	24 599	392,819	1 549,874	3,946	3,478
22	40	97 869	27 159,140	423 587,040	15,596	15,129	72	90	20 614	310,553	1 157,055	3,726	3,258
23	41	97 744	25 589,161	396 427,900	15,492	15,024	73	91	17 048	242,297	846,502	3,494	3,026
24	42	97 609	24 107,373	370 838,739	15,383	14,915	74	92	13 644	182,945	604,205	3,303	2,835
25	43	97 461	22 708,201	346 731,366	15,269	14,801	75	93	10 666	134,921	421,260	3,122	2,654
26	44	97 300	21 387,535	324 023,165	15,150	14,682	76	94	8 124	96,941	286,340	2,954	2,486
27	45	97 131	20 141,795	302 635,630	15,025	14,557	77	95	6 015	67,712	189,399	2,797	2,329
28	46	96 938	18 963,982	282 493,835	14,896	14,428	78	96	4 319	45,866	121,686	2,653	2,185
29	47	96 728	17 851,733	263 529,853	14,762	14,294	79	97	3 002	30,075	75,820	2,521	2,053
30	48	96 498	16 801,215	245 678,120	14,623	14,155	80	98	2 019	19,085	45,745	2,397	1,929
31	49	96 255	15 810,323	228 876,906	14,476	14,008	81	99	1 309	11,676	26,660	2,283	1,815
32	50	95 982	14 873,162	213 066,582	14,326	13,858	82	100	818	6,879	14,984	2,178	1,710
33	51	95 687	13 988,051	198 193,420	14,169	13,701							
34	52	95 379	13 153,846	184 205,369	14,004	13,536							
35	53	95 038	12 364,906	171 051,523	13,834	13,366							
36	54	94 667	11 619,488	158 686,618	13,657	13,189							
37	55	94 279	10 916,887	147 067,130	13,472	13,004							
38	56	93 847	10 251,764	136 150,243	13,281	12,813							
39	57	93 391	9 624,420	125 898,478	13,081	12,613							
40	58	92 896	9 031,562	116 274,059	12,874	12,406							
41	59	92 346	8 469,928	107 242,497	12,662	12,194							
42	60	91 769	7 940,504	98 772,569	12,439	11,971							
43	61	91 120	7 438,068	90 832,065	12,212	11,744							
44	62	90 427	6 963,732	83 393,997	11,975	11,508							
45	63	89 669	6 514,443	76 430,265	11,732	11,264							
46	64	88 856	6 090,002	69 915,822	11,480	11,012							
47	65	87 974	5 688,232	63 825,820	11,221	10,753							
48	66	87 023	5 308,238	58 137,588	10,952	10,484							
49	67	86 002	4 949,069	52 829,350	10,675	10,207							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 681 520,018	16,907	16,439	50	69	84 063	4 563,654	46 294,546	10,144	9,676
1	20	99 032	93 426,352	1 582 062,797	16,934	16,466	51	70	82 786	4 239,925	41 730,892	9,842	9,374
2	21	98 976	88 088,107	1 488 636,445	16,899	16,431	52	71	81 404	3 933,163	37 490,967	9,532	9,064
3	22	98 935	83 068,033	1 400 548,338	16,860	16,392	53	72	79 896	3 641,766	33 557,804	9,215	8,747
4	23	98 898	78 336,231	1 317 480,304	16,818	16,350	54	73	78 208	3 363,055	29 916,039	8,895	8,428
5	24	98 861	73 874,649	1 239 144,073	16,774	16,306	55	74	76 360	3 097,715	26 552,984	8,572	8,104
6	25	98 827	69 669,158	1 165 269,424	16,726	16,258	56	75	74 367	2 846,130	23 455,269	8,241	7,773
7	26	98 795	65 704,047	1 095 600,266	16,675	16,207	57	76	72 169	2 605,647	20 609,139	7,909	7,441
8	27	98 759	61 962,397	1 029 896,219	16,621	16,153	58	77	69 779	2 376,767	18 003,492	7,575	7,107
9	28	98 724	58 434,384	967 933,822	16,564	16,096	59	78	67 160	2 158,058	15 626,725	7,241	6,773
10	29	98 690	55 107,728	909 499,438	16,504	16,036	60	79	64 303	1 949,304	13 468,667	6,909	6,442
11	30	98 653	51 969,356	854 391,710	16,440	15,972	61	80	61 232	1 751,146	11 519,362	6,578	6,110
12	31	98 617	49 009,473	802 422,354	16,373	15,905	62	81	57 918	1 562,604	9 768,217	6,251	5,783
13	32	98 574	46 215,445	753 412,881	16,302	15,834	63	82	54 374	1 383,964	8 205,613	5,929	5,461
14	33	98 531	43 580,560	707 197,436	16,227	15,759	64	83	50 609	1 215,206	6 821,649	5,614	5,146
15	34	98 480	41 092,083	663 616,876	16,150	15,682	65	84	46 641	1 056,543	5 606,443	5,306	4,838
16	35	98 420	38 742,644	622 524,792	16,068	15,600	66	85	42 517	908,608	4 549,900	5,008	4,540
17	36	98 349	36 523,255	583 782,148	15,984	15,516	67	86	38 242	770,994	3 641,292	4,723	4,255
18	37	98 269	34 428,075	547 258,892	15,896	15,428	68	87	33 923	645,210	2 870,298	4,449	3,981
19	38	98 163	32 444,169	512 830,818	15,807	15,339	69	88	29 443	528,305	2 225,089	4,212	3,744
20	39	98 052	30 572,980	480 386,649	15,713	15,245	70	89	25 193	426,448	1 696,784	3,979	3,511
21	40	97 924	28 804,932	449 813,669	15,616	15,148	71	90	21 160	337,916	1 270,336	3,759	3,291
22	41	97 799	27 139,781	421 008,737	15,513	15,045	72	91	17 559	264,530	932,420	3,525	3,057
23	42	97 663	25 567,897	393 868,956	15,405	14,937	73	92	14 096	200,344	667,890	3,334	2,866
24	43	97 517	24 084,569	368 301,059	15,292	14,824	74	93	11 066	148,371	467,546	3,151	2,683
25	44	97 358	22 684,231	344 216,490	15,174	14,706	75	94	8 460	107,008	319,175	2,983	2,515
26	45	97 190	21 363,350	321 532,259	15,051	14,583	76	95	6 293	75,091	212,167	2,825	2,357
27	46	96 999	20 114,552	300 168,909	14,923	14,455	77	96	4 544	51,160	137,075	2,679	2,211
28	47	96 788	18 934,570	280 054,357	14,791	14,323	78	97	3 179	33,758	85,915	2,545	2,077
29	48	96 560	17 820,753	261 119,787	14,653	14,185	79	98	2 149	21,535	52,157	2,422	1,954
30	49	96 319	16 770,083	243 299,034	14,508	14,040	80	99	1 405	13,278	30,622	2,306	1,838
31	50	96 053	15 777,247	226 528,951	14,358	13,890	81	100	884	7,882	17,344	2,200	1,732
32	51	95 758	14 838,412	210 751,705	14,203	13,735							
33	52	95 448	13 953,210	195 913,293	14,041	13,573							
34	53	95 115	13 117,398	181 960,083	13,872	13,404							
35	54	94 749	12 327,326	168 842,685	13,697	13,229							
36	55	94 365	11 582,466	156 515,358	13,513	13,045							
37	56	93 940	10 877,614	144 932,892	13,324	12,856							
38	57	93 491	10 212,880	134 055,278	13,126	12,658							
39	58	93 005	9 584,707	123 842,398	12,921	12,453							
40	59	92 473	8 990,381	114 257,691	12,709	12,241							
41	60	91 905	8 429,456	105 267,310	12,488	12,020							
42	61	91 267	7 897,087	96 837,855	12,262	11,795							
43	62	90 602	7 395,779	88 940,768	12,026	11,558							
44	63	89 860	6 920,036	81 544,989	11,784	11,316							
45	64	89 071	6 471,001	74 624,953	11,532	11,064							
46	65	88 217	6 046,180	68 153,952	11,272	10,804							
47	66	87 293	5 644,191	62 107,773	11,004	10,536							
48	67	86 307	5 264,605	56 463,582	10,725	10,257							
49	68	85 227	4 904,431	51 198,977	10,439	9,971							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 678 394,832	16,879	16,411	50	70	83 141	4 513,602	44 635,328	9,889	9,421
1	21	99 011	93 406,640	1 578 959,000	16,904	16,436	51	71	81 797	4 189,265	40 121,726	9,577	9,109
2	22	98 954	88 069,067	1 485 552,360	16,868	16,400	52	72	80 318	3 880,682	35 932,461	9,259	8,791
3	23	98 913	83 048,945	1 397 483,293	16,827	16,359	53	73	78 659	3 585,409	32 051,779	8,940	8,472
4	24	98 875	78 318,413	1 314 434,348	16,783	16,315	54	74	76 852	3 304,755	28 466,370	8,614	8,146
5	25	98 838	73 857,854	1 236 115,935	16,736	16,268	55	75	74 884	3 037,854	25 161,615	8,283	7,815
6	26	98 805	69 653,633	1 162 258,081	16,686	16,218	56	76	72 711	2 782,715	22 123,761	7,950	7,482
7	27	98 768	65 686,494	1 092 604,448	16,634	16,166	57	77	70 340	2 539,600	19 341,046	7,616	7,148
8	28	98 733	61 946,403	1 026 917,955	16,578	16,110	58	78	67 759	2 307,950	16 801,446	7,280	6,812
9	29	98 698	58 419,207	964 971,552	16,518	16,050	59	79	64 926	2 086,285	14 493,496	6,947	6,479
10	30	98 662	55 092,443	906 552,345	16,455	15,987	60	80	61 888	1 876,107	12 407,211	6,613	6,145
11	31	98 626	51 955,093	851 459,902	16,388	15,920	61	81	58 576	1 675,193	10 531,104	6,287	5,819
12	32	98 585	48 993,495	799 504,809	16,319	15,851	62	82	55 051	1 485,261	8 855,911	5,963	5,495
13	33	98 540	46 199,439	750 511,314	16,245	15,777	63	83	51 282	1 305,261	7 370,650	5,647	5,179
14	34	98 496	43 564,793	704 311,876	16,167	15,699	64	84	47 321	1 136,267	6 065,389	5,338	4,870
15	35	98 440	41 075,407	660 747,082	16,086	15,618	65	85	43 190	978,374	4 929,122	5,038	4,570
16	36	98 378	38 726,134	619 671,675	16,001	15,533	66	86	38 891	831,108	3 950,748	4,754	4,286
17	37	98 303	36 506,224	580 945,541	15,914	15,446	67	87	34 546	696,478	3 119,640	4,479	4,011
18	38	98 218	34 409,942	544 439,317	15,822	15,354	68	88	30 034	571,229	2 423,162	4,242	3,774
19	39	98 105	32 425,041	510 029,375	15,729	15,262	69	89	25 749	462,022	1 851,933	4,008	3,540
20	40	97 983	30 551,479	477 604,335	15,633	15,165	70	90	21 672	366,844	1 389,910	3,789	3,321
21	41	97 854	28 784,400	447 052,855	15,531	15,063	71	91	18 025	287,838	1 023,066	3,554	3,086
22	42	97 718	27 117,228	418 268,455	15,424	14,956	72	92	14 519	218,728	735,229	3,361	2,893
23	43	97 571	25 543,711	391 151,227	15,313	14,845	73	93	11 432	162,483	516,501	3,179	2,711
24	44	97 414	24 059,146	365 607,516	15,196	14,728	74	94	8 777	117,676	354,018	3,008	2,540
25	45	97 248	22 658,580	341 548,370	15,074	14,606	75	95	6 553	82,889	236,342	2,851	2,383
26	46	97 059	21 334,454	318 889,790	14,947	14,479	76	96	4 754	56,735	153,453	2,705	2,237
27	47	96 849	20 083,356	297 555,336	14,816	14,348	77	97	3 345	37,654	96,718	2,569	2,101
28	48	96 620	18 901,711	277 471,980	14,680	14,212	78	98	2 276	24,172	59,063	2,443	1,975
29	49	96 381	17 787,731	258 570,269	14,536	14,068	79	99	1 495	14,982	34,891	2,329	1,861
30	50	96 117	16 734,999	240 782,537	14,388	13,920	80	100	948	8,964	19,909	2,221	1,753
31	51	95 829	15 740,384	224 047,539	14,234	13,766							
32	52	95 519	14 801,452	208 307,155	14,073	13,605							
33	53	95 184	13 914,548	193 505,702	13,907	13,439							
34	54	94 826	13 077,532	179 591,155	13,733	13,265							
35	55	94 447	12 288,050	166 513,622	13,551	13,083							
36	56	94 026	11 540,798	154 225,573	13,364	12,896							
37	57	93 584	10 836,356	142 684,775	13,167	12,699							
38	58	93 106	10 170,739	131 848,419	12,964	12,496							
39	59	92 581	9 541,004	121 677,680	12,753	12,285							
40	60	92 031	8 947,422	112 136,676	12,533	12,065							
41	61	91 403	8 383,364	103 189,254	12,309	11,841							
42	62	90 748	7 852,188	94 805,890	12,074	11,606							
43	63	90 033	7 349,372	86 953,702	11,831	11,363							
44	64	89 261	6 873,889	79 604,330	11,581	11,113							
45	65	88 430	6 424,437	72 730,441	11,321	10,853							
46	66	87 534	5 999,367	66 306,004	11,052	10,584							
47	67	86 575	5 597,797	60 306,637	10,773	10,305							
48	68	85 529	5 217,120	54 708,840	10,486	10,018							
49	69	84 392	4 856,391	49 491,719	10,191	9,723							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 675 077,172	16,849	16,381	50	71	82 148	4 459,672	42 903,906	9,620	9,152
1	22	98 990	93 386,450	1 575 662,319	16,872	16,405	51	72	80 706	4 133,368	38 444,234	9,301	8,833
2	23	98 932	88 048,829	1 482 275,869	16,835	16,367	52	73	79 075	3 820,628	34 310,866	8,980	8,512
3	24	98 890	83 030,055	1 394 227,039	16,792	16,324	53	74	77 296	3 523,254	30 490,238	8,654	8,186
4	25	98 853	78 300,607	1 311 196,985	16,746	16,278	54	75	75 367	3 240,894	26 966,983	8,321	7,853
5	26	98 816	73 841,395	1 232 896,377	16,697	16,229	55	76	73 216	2 970,167	23 726,090	7,988	7,520
6	27	98 779	69 635,024	1 159 054,983	16,645	16,177	56	77	70 867	2 712,179	20 755,922	7,653	7,185
7	28	98 743	65 669,538	1 089 419,958	16,589	16,121	57	78	68 303	2 466,068	18 043,743	7,317	6,849
8	29	98 708	61 930,313	1 023 750,420	16,531	16,063	58	79	65 505	2 231,192	15 577,675	6,982	6,514
9	30	98 671	58 403,003	961 820,107	16,469	16,001	59	80	62 488	2 007,944	13 346,483	6,647	6,179
10	31	98 635	55 077,324	903 417,104	16,403	15,935	60	81	59 204	1 794,734	11 338,539	6,318	5,850
11	32	98 594	51 938,155	848 339,780	16,334	15,866	61	82	55 677	1 592,278	9 543,805	5,994	5,526
12	33	98 550	48 976,526	796 401,626	16,261	15,793	62	83	51 921	1 400,798	7 951,528	5,676	5,208
13	34	98 504	46 182,724	747 425,100	16,184	15,716	63	84	47 951	1 220,472	6 550,730	5,367	4,899
14	35	98 456	43 547,114	701 242,376	16,103	15,635	64	85	43 820	1 052,199	5 330,257	5,066	4,598
15	36	98 398	41 057,903	657 695,262	16,019	15,551	65	86	39 506	894,923	4 278,058	4,780	4,312
16	37	98 332	38 708,075	616 637,359	15,930	15,462	66	87	35 132	750,783	3 383,135	4,506	4,038
17	38	98 251	36 486,996	577 929,284	15,839	15,371	67	88	30 585	616,619	2 632,352	4,269	3,801
18	39	98 160	34 389,654	541 442,287	15,744	15,276	68	89	26 266	499,561	2 015,733	4,035	3,567
19	40	98 036	32 402,237	507 052,633	15,649	15,181	69	90	22 150	397,446	1 516,172	3,815	3,347
20	41	97 913	30 529,702	474 650,395	15,547	15,079	70	91	18 460	312,479	1 118,726	3,580	3,112
21	42	97 773	28 760,481	444 120,693	15,442	14,974	71	92	14 904	238,000	806,247	3,388	2,920
22	43	97 626	27 091,577	415 360,212	15,332	14,864	72	93	11 775	177,392	568,246	3,203	2,735
23	44	97 468	25 516,749	388 268,635	15,216	14,748	73	94	9 067	128,868	390,854	3,033	2,565
24	45	97 304	24 031,940	362 751,887	15,095	14,627	74	95	6 798	91,153	261,987	2,874	2,406
25	46	97 116	22 627,932	338 719,947	14,969	14,501	75	96	4 951	62,627	170,834	2,728	2,260
26	47	96 908	21 301,366	316 092,015	14,839	14,371	76	97	3 499	41,758	108,207	2,591	2,123
27	48	96 681	20 048,503	294 790,648	14,704	14,236	77	98	2 395	26,962	66,449	2,465	1,997
28	49	96 441	18 866,687	274 742,145	14,562	14,094	78	99	1 583	16,817	39,487	2,348	1,880
29	50	96 179	17 750,518	255 875,458	14,415	13,947	79	100	1 010	10,115	22,670	2,241	1,773
30	51	95 893	16 695,898	238 124,940	14,262	13,795							
31	52	95 590	15 701,178	221 429,042	14,103	13,635							
32	53	95 255	14 760,440	205 727,865	13,938	13,470							
33	54	94 894	13 872,259	190 967,424	13,766	13,298							
34	55	94 523	13 035,865	177 095,166	13,585	13,117							
35	56	94 107	12 243,843	164 059,300	13,399	12,931							
36	57	93 669	11 497,025	151 815,457	13,205	12,737							
37	58	93 198	10 791,642	140 318,432	13,003	12,535							
38	59	92 681	10 124,364	129 526,790	12,794	12,326							
39	60	92 139	9 495,413	119 402,426	12,575	12,107							
40	61	91 527	8 898,498	109 907,013	12,351	11,883							
41	62	90 883	8 335,701	101 008,514	12,118	11,650							
42	63	90 179	7 802,917	92 672,813	11,877	11,409							
43	64	89 433	7 300,362	84 869,896	11,625	11,157							
44	65	88 618	6 824,426	77 569,534	11,366	10,898							
45	66	87 745	6 374,696	70 745,108	11,098	10,630							
46	67	86 814	5 950,054	64 370,413	10,818	10,350							
47	68	85 794	5 547,307	58 420,359	10,531	10,063							
48	69	84 691	5 166,018	52 873,052	10,235	9,767							
49	70	83 466	4 803,128	47 707,034	9,932	9,465							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 671 555,411	16,818	16,350	50	72	81 052	4 400,167	41 100,568	9,341	8,873
1	23	98 967	93 364,991	1 572 162,047	16,839	16,371	51	73	79 457	4 069,403	36 700,401	9,019	8,551
2	24	98 909	88 028,802	1 478 797,056	16,799	16,331	52	74	77 704	3 754,396	32 630,998	8,691	8,223
3	25	98 868	83 011,178	1 390 768,254	16,754	16,286	53	75	75 802	3 455,171	28 876,602	8,358	7,890
4	26	98 831	78 283,159	1 307 757,077	16,705	16,238	54	76	73 688	3 168,683	25 421,431	8,023	7,555
5	27	98 790	73 821,667	1 229 473,918	16,655	16,187	55	77	71 360	2 894,880	22 252,748	7,687	7,219
6	28	98 753	69 617,049	1 155 652,251	16,600	16,132	56	78	68 816	2 633,650	19 357,868	7,350	6,882
7	29	98 717	65 652,481	1 086 035,201	16,542	16,074	57	79	66 031	2 384,051	16 724,218	7,015	6,547
8	30	98 680	61 913,136	1 020 382,720	16,481	16,013	58	80	63 046	2 147,409	14 340,167	6,678	6,210
9	31	98 644	58 386,975	958 469,584	16,416	15,948	59	81	59 778	1 920,853	12 192,757	6,348	5,880
10	32	98 603	55 059,367	900 082,609	16,347	15,880	60	82	56 274	1 705,902	10 271,904	6,021	5,553
11	33	98 560	51 920,166	845 023,242	16,275	15,807	61	83	52 511	1 501,728	8 566,002	5,704	5,236
12	34	98 515	48 958,807	793 103,076	16,199	15,731	62	84	48 548	1 309,803	7 064,274	5,393	4,925
13	35	98 464	46 163,982	744 144,269	16,120	15,652	63	85	44 403	1 130,175	5 754,470	5,092	4,624
14	36	98 414	43 528,556	697 980,287	16,035	15,567	64	86	40 082	962,452	4 624,296	4,805	4,337
15	37	98 352	41 038,757	654 451,731	15,947	15,479	65	87	35 688	808,430	3 661,844	4,530	4,062
16	38	98 280	38 687,688	613 412,974	15,856	15,388	66	88	31 104	664,697	2 853,414	4,293	3,825
17	39	98 193	36 465,485	574 725,286	15,761	15,293	67	89	26 748	539,257	2 188,717	4,059	3,591
18	40	98 091	34 365,470	538 259,801	15,663	15,195	68	90	22 595	429,738	1 649,461	3,838	3,370
19	41	97 966	32 379,141	503 894,332	15,562	15,094	69	91	18 868	338,546	1 219,722	3,603	3,135
20	42	97 832	30 504,333	471 515,190	15,457	14,989	70	92	15 264	258,375	881,176	3,410	2,942
21	43	97 681	28 733,275	441 010,858	15,348	14,880	71	93	12 087	193,022	622,801	3,227	2,759
22	44	97 522	27 062,981	412 277,583	15,234	14,766	72	94	9 339	140,693	429,779	3,055	2,587
23	45	97 357	25 487,894	385 214,602	15,114	14,646	73	95	7 024	99,822	289,086	2,896	2,428
24	46	97 172	23 999,435	359 726,709	14,989	14,521	74	96	5 137	68,871	189,264	2,748	2,280
25	47	96 966	22 592,838	335 727,274	14,860	14,392	75	97	3 644	46,094	120,394	2,612	2,144
26	48	96 740	21 264,400	313 134,435	14,726	14,258	76	98	2 506	29,900	74,300	2,485	2,017
27	49	96 502	20 011,354	291 870,036	14,585	14,117	77	99	1 666	18,758	44,399	2,367	1,899
28	50	96 239	18 827,216	271 858,682	14,440	13,972	78	100	1 069	11,353	25,641	2,259	1,791
29	51	95 954	17 709,045	253 031,465	14,288	13,820							
30	52	95 654	16 654,312	235 322,420	14,130	13,662							
31	53	95 325	15 657,672	218 668,109	13,966	13,498							
32	54	94 965	14 715,580	203 010,436	13,796	13,328							
33	55	94 592	13 828,060	188 294,856	13,617	13,149							
34	56	94 183	12 988,968	174 466,796	13,432	12,964							
35	57	93 750	12 197,403	161 477,828	13,239	12,771							
36	58	93 283	11 449,585	149 280,424	13,038	12,570							
37	59	92 773	10 742,436	137 830,839	12,831	12,363							
38	60	92 238	10 075,986	127 088,403	12,613	12,145							
39	61	91 635	9 443,494	117 012,417	12,391	11,923							
40	62	91 007	8 847,906	107 568,923	12,158	11,690							
41	63	90 313	8 283,396	98 721,017	11,918	11,450							
42	64	89 577	7 750,882	90 437,620	11,668	11,200							
43	65	88 789	7 247,830	82 686,738	11,408	10,941							
44	66	87 932	6 771,588	75 438,908	11,141	10,673							
45	67	87 024	6 322,297	68 667,320	10,861	10,393							
46	68	86 031	5 896,387	62 345,023	10,573	10,105							
47	69	84 954	5 492,970	56 448,636	10,277	9,809							
48	70	83 762	5 109,359	50 955,666	9,973	9,505							
49	71	82 469	4 745,739	45 846,307	9,661	9,193							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 667 818,210	16,784	16,316	50	73	79 797	4 332,074	39 227,453	9,055	8,587
1	24	98 944	93 343,754	1 568 447,686	16,803	16,335	51	74	78 079	3 998,859	34 895,379	8,726	8,258
2	25	98 887	88 008,788	1 475 103,932	16,761	16,293	52	75	76 203	3 681,846	30 896,521	8,392	7,924
3	26	98 846	82 992,679	1 387 095,143	16,713	16,245	53	76	74 113	3 378,186	27 214,675	8,056	7,588
4	27	98 804	78 262,245	1 304 102,464	16,663	16,195	54	77	71 820	3 088,364	23 836,489	7,718	7,250
5	28	98 765	73 802,612	1 225 840,220	16,610	16,142	55	78	69 294	2 811,061	20 748,125	7,381	6,913
6	29	98 727	69 598,968	1 152 037,608	16,553	16,085	56	79	66 527	2 546,060	17 937,064	7,045	6,577
7	30	98 690	65 634,272	1 082 438,640	16,492	16,024	57	80	63 552	2 294,528	15 391,004	6,708	6,240
8	31	98 653	61 896,144	1 016 804,369	16,428	15,960	58	81	60 311	2 054,269	13 096,476	6,375	5,907
9	32	98 611	58 367,940	954 908,224	16,360	15,892	59	82	56 819	1 825,779	11 042,207	6,048	5,580
10	33	98 569	55 040,298	896 540,285	16,289	15,821	60	83	53 074	1 608,891	9 216,428	5,728	5,260
11	34	98 524	51 901,382	841 499,987	16,213	15,745	61	84	49 100	1 404,178	7 607,536	5,418	4,950
12	35	98 475	48 938,938	789 598,605	16,134	15,666	62	85	44 956	1 212,896	6 203,359	5,114	4,647
13	36	98 423	46 144,309	740 659,667	16,051	15,583	63	86	40 616	1 033,776	4 990,462	4,827	4,359
14	37	98 368	43 508,258	694 515,358	15,963	15,495	64	87	36 209	869,432	3 956,686	4,551	4,083
15	38	98 300	41 017,142	651 007,100	15,872	15,404	65	88	31 596	715,734	3 087,254	4,313	3,845
16	39	98 222	38 664,879	609 989,958	15,776	15,308	66	89	27 201	581,303	2 371,520	4,080	3,612
17	40	98 124	36 439,840	571 325,079	15,679	15,211	67	90	23 009	463,885	1 790,217	3,859	3,391
18	41	98 021	34 340,974	534 885,239	15,576	15,108	68	91	19 246	366,053	1 326,332	3,623	3,155
19	42	97 885	32 352,235	500 544,265	15,472	15,004	69	92	15 601	279,929	960,279	3,430	2,962
20	43	97 739	30 475,477	468 192,030	15,363	14,895	70	93	12 379	209,546	680,351	3,247	2,779
21	44	97 577	28 702,946	437 716,553	15,250	14,782	71	94	9 587	153,089	470,804	3,075	2,607
22	45	97 412	27 032,377	409 013,607	15,131	14,663	72	95	7 234	108,982	317,715	2,915	2,447
23	46	97 226	25 453,420	381 981,230	15,007	14,539	73	96	5 307	75,421	208,733	2,768	2,300
24	47	97 021	23 962,214	356 527,811	14,879	14,411	74	97	3 781	50,689	133,313	2,630	2,162
25	48	96 797	22 553,630	332 565,597	14,746	14,278	75	98	2 609	33,005	82,623	2,503	2,035
26	49	96 561	21 224,998	310 011,967	14,606	14,138	76	99	1 743	20,802	49,618	2,385	1,917
27	50	96 300	19 969,489	288 786,969	14,461	13,993	77	100	1 125	12,664	28,815	2,275	1,807
28	51	96 014	18 783,227	268 817,480	14,312	13,844							
29	52	95 715	17 664,935	250 034,253	14,154	13,686							
30	53	95 389	16 608,166	232 369,318	13,991	13,523							
31	54	95 036	15 610,086	215 761,152	13,822	13,354							
32	55	94 663	14 668,694	200 151,066	13,645	13,177							
33	56	94 252	13 778,313	185 482,372	13,462	12,994							
34	57	93 826	12 939,703	171 704,059	13,270	12,802							
35	58	93 363	12 147,074	158 764,357	13,070	12,602							
36	59	92 857	11 397,379	146 617,283	12,864	12,396							
37	60	92 329	10 691,105	135 219,904	12,648	12,180							
38	61	91 734	10 020,892	124 528,799	12,427	11,959							
39	62	91 114	9 389,803	114 507,907	12,195	11,727							
40	63	90 436	8 792,388	105 118,104	11,956	11,488							
41	64	89 710	8 228,158	96 325,716	11,707	11,239							
42	65	88 933	7 695,109	88 097,559	11,449	10,981							
43	66	88 102	7 191,714	80 402,450	11,180	10,712							
44	67	87 210	6 715,927	73 210,736	10,901	10,433							
45	68	86 239	6 265,273	66 494,809	10,613	10,145							
46	69	85 188	5 838,631	60 229,537	10,316	9,848							
47	70	84 022	5 432,725	54 390,906	10,012	9,544							
48	71	82 761	5 048,311	48 958,181	9,698	9,230							
49	72	81 369	4 682,417	43 909,869	9,378	8,910							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 663 854,461	16,748	16,280	50	74	78 414	4 256,975	37 290,062	8,760	8,292
1	25	98 922	93 322,532	1 564 506,539	16,765	16,297	51	75	76 570	3 921,584	33 033,087	8,423	7,955
2	26	98 865	87 989,176	1 471 184,007	16,720	16,252	52	76	74 505	3 599,810	29 111,503	8,087	7,619
3	27	98 819	82 970,507	1 383 194,831	16,671	16,203	53	77	72 234	3 292,556	25 511,693	7,748	7,280
4	28	98 779	78 242,043	1 300 224,324	16,618	16,150	54	78	69 740	2 998,943	22 219,136	7,409	6,941
5	29	98 739	73 783,443	1 221 982,281	16,562	16,094	55	79	66 989	2 717,571	19 220,194	7,073	6,605
6	30	98 700	69 579,663	1 148 198,839	16,502	16,034	56	80	64 029	2 450,454	16 502,623	6,735	6,267
7	31	98 663	65 616,259	1 078 619,175	16,438	15,970	57	81	60 795	2 195,007	14 052,169	6,402	5,934
8	32	98 621	61 875,965	1 013 002,916	16,372	15,904	58	82	57 326	1 952,591	11 857,162	6,073	5,605
9	33	98 577	58 347,724	951 126,951	16,301	15,833	59	83	53 588	1 721,951	9 904,570	5,752	5,284
10	34	98 533	55 020,384	892 779,227	16,226	15,758	60	84	49 626	1 504,379	8 182,619	5,439	4,971
11	35	98 484	51 880,319	837 758,843	16,148	15,680	61	85	45 467	1 300,288	6 678,240	5,136	4,668
12	36	98 433	48 918,083	785 878,524	16,065	15,597	62	86	41 121	1 109,442	5 377,952	4,847	4,379
13	37	98 377	46 122,791	736 960,441	15,978	15,510	63	87	36 690	933,863	4 268,510	4,571	4,103
14	38	98 316	43 485,342	690 837,649	15,887	15,419	64	88	32 057	769,742	3 334,647	4,332	3,864
15	39	98 242	40 992,959	647 352,307	15,792	15,324	65	89	27 632	625,937	2 564,905	4,098	3,630
16	40	98 153	38 637,687	606 359,348	15,693	15,226	66	90	23 399	500,055	1 938,969	3,878	3,410
17	41	98 054	36 413,866	567 721,661	15,591	15,123	67	91	19 599	395,139	1 438,914	3,642	3,174
18	42	97 939	34 312,437	531 307,795	15,484	15,016	68	92	15 914	302,673	1 043,775	3,449	2,981
19	43	97 792	32 321,631	496 995,357	15,377	14,909	69	93	12 653	227,027	741,102	3,264	2,796
20	44	97 636	30 443,309	464 673,726	15,264	14,796	70	94	9 818	166,195	514,075	3,093	2,625
21	45	97 467	28 670,488	434 230,417	15,146	14,678	71	95	7 426	118,584	347,880	2,934	2,466
22	46	97 280	26 995,814	405 559,929	15,023	14,555	72	96	5 466	82,341	229,296	2,785	2,317
23	47	97 075	25 413,943	378 564,115	14,896	14,428	73	97	3 906	55,510	146,955	2,647	2,179
24	48	96 853	23 920,629	353 150,172	14,763	14,295	74	98	2 707	36,296	91,445	2,519	2,051
25	49	96 618	22 511,839	329 229,543	14,625	14,157	75	99	1 815	22,963	55,149	2,402	1,934
26	50	96 359	21 180,593	306 717,703	14,481	14,013	76	100	1 177	14,044	32,186	2,292	1,824
27	51	96 075	19 922,831	285 537,110	14,332	13,864							
28	52	95 775	18 736,442	265 614,279	14,176	13,708							
29	53	95 450	17 615,989	246 877,837	14,014	13,546							
30	54	95 099	16 557,690	229 261,848	13,846	13,378							
31	55	94 733	15 560,350	212 704,158	13,670	13,202							
32	56	94 322	14 615,923	197 143,808	13,488	13,020							
33	57	93 894	13 726,053	182 527,885	13,298	12,830							
34	58	93 439	12 886,310	168 801,832	13,099	12,631							
35	59	92 938	12 091,687	155 915,522	12,894	12,426							
36	60	92 414	11 342,918	143 823,835	12,680	12,212							
37	61	91 824	10 632,647	132 480,916	12,460	11,992							
38	62	91 212	9 963,919	121 848,269	12,229	11,761							
39	63	90 542	9 330,884	111 884,350	11,991	11,523							
40	64	89 833	8 733,754	102 553,466	11,742	11,274							
41	65	89 065	8 168,949	93 819,712	11,485	11,017							
42	66	88 244	7 635,530	85 650,763	11,217	10,749							
43	67	87 378	7 132,600	78 015,233	10,938	10,470							
44	68	86 423	6 655,352	70 882,633	10,650	10,183							
45	69	85 394	6 203,903	64 227,281	10,353	9,885							
46	70	84 254	5 774,595	58 023,378	10,048	9,580							
47	71	83 018	5 367,814	52 248,783	9,734	9,266							
48	72	81 657	4 980,952	46 880,969	9,412	8,944							
49	73	80 110	4 609,956	41 900,018	9,089	8,621							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 659 650,717	16,709	16,241	50	75	76 899	4 174,713	35 292,585	8,454	7,986
1	26	98 900	93 301,736	1 560 325,382	16,723	16,255	51	76	74 864	3 834,207	31 117,872	8,116	7,648
2	27	98 838	87 965,669	1 467 023,646	16,677	16,209	52	77	72 616	3 508,563	27 283,665	7,776	7,308
3	28	98 794	82 949,090	1 379 057,977	16,625	16,157	53	78	70 143	3 197,223	23 775,102	7,436	6,968
4	29	98 753	78 221,720	1 296 108,887	16,570	16,102	54	79	67 421	2 899,203	20 577,879	7,098	6,630
5	30	98 712	73 762,978	1 217 887,167	16,511	16,043	55	80	64 474	2 615,524	17 678,676	6,759	6,291
6	31	98 673	69 560,568	1 144 124,189	16,448	15,980	56	81	61 252	2 344,170	15 063,151	6,426	5,958
7	32	98 630	65 594,867	1 074 563,621	16,382	15,914	57	82	57 786	2 086,364	12 718,982	6,096	5,628
8	33	98 587	61 854,534	1 008 968,754	16,312	15,844	58	83	54 066	1 841,552	10 632,618	5,774	5,306
9	34	98 542	58 326,614	947 114,220	16,238	15,770	59	84	50 107	1 610,095	8 791,066	5,460	4,992
10	35	98 493	54 998,056	888 787,605	16,160	15,692	60	85	45 954	1 393,077	7 180,971	5,155	4,687
11	36	98 442	51 858,210	833 789,549	16,078	15,610	61	86	41 589	1 189,380	5 787,895	4,866	4,398
12	37	98 387	48 895,272	781 931,339	15,992	15,524	62	87	37 147	1 002,216	4 598,515	4,588	4,120
13	38	98 325	46 098,498	733 036,068	15,902	15,434	63	88	32 483	826,785	3 596,299	4,350	3,882
14	39	98 258	43 459,704	686 937,569	15,806	15,338	64	89	28 035	673,168	2 769,514	4,114	3,646
15	40	98 173	40 964,131	643 477,865	15,708	15,240	65	90	23 770	538,450	2 096,346	3,893	3,425
16	41	98 083	38 610,147	602 513,734	15,605	15,137	66	91	19 932	425,948	1 557,896	3,657	3,190
17	42	97 973	36 383,607	563 903,587	15,499	15,031	67	92	16 206	326,723	1 131,948	3,465	2,997
18	43	97 847	34 279,980	527 519,981	15,389	14,921	68	93	12 906	245,473	805,224	3,280	2,812
19	44	97 689	32 287,514	493 240,001	15,276	14,809	69	94	10 035	180,059	559,752	3,109	2,641
20	45	97 525	30 408,883	460 952,487	15,158	14,691	70	95	7 605	128,736	379,693	2,949	2,481
21	46	97 335	28 631,709	430 543,604	15,037	14,569	71	96	5 611	89,596	250,957	2,801	2,333
22	47	97 130	26 953,946	401 911,895	14,911	14,443	72	97	4 023	60,604	161,361	2,663	2,195
23	48	96 906	25 369,840	374 957,949	14,780	14,312	73	98	2 797	39,748	100,757	2,535	2,067
24	49	96 674	23 876,305	349 588,109	14,642	14,174	74	99	1 883	25,252	61,009	2,416	1,948
25	50	96 416	22 464,743	325 711,804	14,499	14,031	75	100	1 226	15,502	35,757	2,307	1,839
26	51	96 133	21 131,106	303 247,061	14,351	13,883							
27	52	95 835	19 873,207	282 115,955	14,196	13,728							
28	53	95 509	18 684,527	262 242,748	14,035	13,567							
29	54	95 160	17 562,450	243 558,221	13,868	13,400							
30	55	94 796	16 504,935	225 995,771	13,693	13,225							
31	56	94 392	15 504,371	209 490,836	13,512	13,044							
32	57	93 964	14 560,487	193 986,465	13,323	12,855							
33	58	93 507	13 669,416	179 425,978	13,126	12,658							
34	59	93 013	12 827,553	165 756,563	12,922	12,454							
35	60	92 494	12 033,909	152 929,010	12,708	12,240							
36	61	91 908	11 280,897	140 895,101	12,490	12,022							
37	62	91 302	10 572,196	129 614,205	12,260	11,792							
38	63	90 640	9 901,397	119 042,009	12,023	11,555							
39	64	89 939	9 268,660	109 140,612	11,775	11,307							
40	65	89 187	8 670,908	99 871,952	11,518	11,050							
41	66	88 375	8 105,702	91 201,044	11,251	10,784							
42	67	87 519	7 572,767	83 095,342	10,973	10,505							
43	68	86 589	7 068,266	75 522,575	10,685	10,217							
44	69	85 576	6 590,162	68 454,309	10,387	9,919							
45	70	84 458	6 135,861	61 864,147	10,082	9,614							
46	71	83 247	5 705,599	55 728,286	9,767	9,299							
47	72	81 910	5 296,191	50 022,687	9,445	8,977							
48	73	80 393	4 903,871	44 726,496	9,121	8,653							
49	74	78 721	4 530,040	39 822,625	8,791	8,323							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	5 059,572	65 873,300	13,020	12,552
1	0	99 594	93 956,423	1 615 764,711	17,197	16,729	51	50	92 606	4 742,847	60 813,728	12,822	12,354
2	1	99 240	88 323,079	1 521 808,287	17,230	16,762	52	51	91 946	4 442,498	56 070,881	12,621	12,154
3	2	99 192	83 283,934	1 433 485,208	17,212	16,744	53	52	91 234	4 158,609	51 628,383	12,415	11,947
4	3	99 162	78 545,221	1 350 201,274	17,190	16,722	54	53	90 460	3 889,899	47 469,774	12,203	11,735
5	4	99 133	74 077,965	1 271 656,053	17,166	16,698	55	54	89 607	3 635,118	43 579,875	11,989	11,521
6	5	99 110	69 868,412	1 197 578,088	17,140	16,673	56	55	88 705	3 394,848	39 944,757	11,766	11,298
7	6	99 090	65 900,685	1 127 709,676	17,112	16,644	57	56	87 728	3 167,394	36 549,908	11,539	11,071
8	7	99 073	62 159,461	1 061 808,991	17,082	16,614	58	57	86 699	2 953,066	33 382,514	11,304	10,836
9	8	99 055	58 630,465	999 649,530	17,050	16,582	59	58	85 578	2 749,883	30 429,449	11,066	10,598
10	9	99 040	55 303,576	941 019,066	17,016	16,548	60	59	84 370	2 557,616	27 679,566	10,822	10,354
11	10	99 025	52 165,207	885 715,490	16,979	16,511	61	60	83 076	2 375,855	25 121,950	10,574	10,106
12	11	99 008	49 203,711	833 550,283	16,941	16,473	62	61	81 693	2 204,057	22 746,095	10,320	9,852
13	12	98 989	46 410,055	784 346,572	16,900	16,432	63	62	80 230	2 042,059	20 542,038	10,059	9,592
14	13	98 973	43 775,882	737 936,517	16,857	16,389	64	63	78 680	1 889,240	18 499,979	9,792	9,324
15	14	98 947	41 287,129	694 160,635	16,813	16,345	65	64	77 032	1 744,971	16 610,739	9,519	9,051
16	15	98 915	38 937,521	652 873,506	16,767	16,299	66	65	75 285	1 608,880	14 865,768	9,240	8,772
17	16	98 872	36 717,640	613 935,985	16,720	16,252	67	66	73 457	1 480,953	13 256,888	8,952	8,484
18	17	98 823	34 621,889	577 218,346	16,672	16,204	68	67	71 540	1 360,661	11 775,935	8,655	8,187
19	18	98 750	32 638,277	542 596,457	16,625	16,157	69	68	69 501	1 247,066	10 415,274	8,352	7,884
20	19	98 675	30 767,315	509 958,180	16,575	16,107	70	69	67 333	1 139,770	9 168,208	8,044	7,576
21	20	98 595	29 002,190	479 190,865	16,523	16,055	71	70	65 024	1 038,376	8 028,438	7,732	7,264
22	21	98 518	27 339,358	450 188,675	16,467	15,999	72	71	62 587	942,891	6 990,062	7,413	6,945
23	22	98 442	25 771,764	422 849,316	16,407	15,939	73	72	59 955	852,119	6 047,170	7,097	6,629
24	23	98 365	24 294,010	397 077,552	16,345	15,877	74	73	57 135	766,074	5 195,051	6,781	6,313
25	24	98 286	22 900,464	372 783,542	16,278	15,810	75	74	54 118	684,548	4 428,977	6,470	6,002
26	25	98 205	21 586,498	349 883,078	16,208	15,740	76	75	50 964	608,166	3 744,429	6,157	5,689
27	26	98 123	20 347,649	328 296,580	16,134	15,666	77	76	47 628	536,185	3 136,263	5,849	5,381
28	27	98 035	19 178,620	307 948,932	16,057	15,589	78	77	44 114	468,511	2 600,079	5,550	5,082
29	28	97 949	18 077,158	288 770,312	15,974	15,506	79	78	40 454	405,316	2 131,568	5,259	4,791
30	29	97 861	17 038,525	270 693,153	15,887	15,419	80	79	36 739	347,261	1 726,252	4,971	4,503
31	30	97 768	16 058,946	253 654,629	15,795	15,327	81	80	32 958	293,893	1 378,991	4,692	4,224
32	31	97 669	15 134,565	237 595,682	15,699	15,231	82	81	29 168	245,375	1 085,098	4,422	3,954
33	32	97 564	14 262,581	222 461,117	15,598	15,130	83	82	25 442	201,911	839,723	4,159	3,691
34	33	97 460	13 440,836	208 198,536	15,490	15,022	84	83	21 828	163,428	637,812	3,903	3,435
35	34	97 346	12 665,206	194 757,700	15,377	14,909	85	84	18 364	129,706	474,384	3,657	3,189
36	35	97 222	11 933,121	182 092,494	15,259	14,791	86	85	15 087	100,529	344,678	3,429	2,961
37	36	97 092	11 242,599	170 159,373	15,135	14,667	87	86	12 066	75,851	244,148	3,219	2,751
38	37	96 951	10 590,809	158 916,774	15,005	14,537	88	87	9 354	55,470	168,297	3,034	2,566
39	38	96 796	9 975,315	148 325,965	14,869	14,401	89	88	7 032	39,342	112,827	2,868	2,400
40	39	96 625	9 394,086	138 350,650	14,727	14,259	90	89	5 139	27,124	73,485	2,709	2,241
41	40	96 425	8 844,039	128 956,564	14,581	14,113	91	90	3 670	18,274	46,361	2,537	2,069
42	41	96 213	8 325,101	120 112,525	14,428	13,960	92	91	2 519	11,833	28,087	2,374	1,906
43	42	95 978	7 834,688	111 787,424	14,268	13,800	93	92	1 630	7,225	16,254	2,250	1,782
44	43	95 703	7 370,023	103 952,736	14,105	13,637	94	93	1 013	4,233	9,028	2,133	1,665
45	44	95 399	6 930,732	96 582,713	13,935	13,467	95	94	600	2,366	4,795	2,026	1,558
46	45	95 061	6 515,289	89 651,981	13,760	13,292	96	95	338	1,259	2,429	1,930	1,462
47	46	94 671	6 121,278	83 136,692	13,582	13,114	97	96	181	0,635	1,170	1,842	1,374
48	47	94 232	5 747,999	77 015,413	13,399	12,931	98	97	92	0,303	0,535	1,762	1,294
49	48	93 736	5 394,114	71 267,414	13,212	12,744	99	98	44	0,137	0,231	1,689	1,221
							100	99	20	0,058	0,094	1,623	1,155



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	5 068,964	66 317,815	13,083	12,615
1							51	49	92 800	4 752,790	61 248,851	12,887	12,419
2	0	99 558	88 606,586	1 522 824,006	17,186	16,718	52	50	92 161	4 452,902	56 496,061	12,687	12,220
3	1	99 221	83 307,621	1 434 217,420	17,216	16,748	53	51	91 462	4 168,993	52 043,159	12,483	12,015
4	2	99 178	78 557,886	1 350 909,799	17,196	16,728	54	52	90 711	3 900,707	47 874,166	12,273	11,805
5	3	99 147	74 088,588	1 272 351,913	17,173	16,705	55	53	89 880	3 646,200	43 973,459	12,060	11,592
6	4	99 122	69 876,786	1 198 263,325	17,148	16,680	56	54	88 989	3 405,700	40 327,259	11,841	11,373
7	5	99 099	65 906,647	1 128 386,539	17,121	16,653	57	55	88 044	3 178,830	36 921,559	11,615	11,147
8	6	99 081	62 164,445	1 062 479,892	17,091	16,623	58	56	87 029	2 964,309	33 742,729	11,383	10,915
9	7	99 063	58 635,363	1 000 315,446	17,060	16,592	59	57	85 932	2 761,277	30 778,420	11,146	10,678
10	8	99 046	55 307,011	941 680,083	17,026	16,558	60	58	84 756	2 569,332	28 017,144	10,904	10,436
11	9	99 031	52 168,519	886 373,073	16,991	16,523	61	59	83 475	2 387,262	25 447,812	10,660	10,192
12	10	99 016	49 207,675	834 204,553	16,953	16,485	62	60	82 142	2 216,175	23 060,550	10,406	9,938
13	11	98 997	46 413,741	784 996,878	16,913	16,445	63	61	80 689	2 053,736	20 844,376	10,149	9,682
14	12	98 981	43 779,237	738 583,137	16,871	16,403	64	62	79 176	1 901,170	18 790,640	9,884	9,416
15	13	98 957	41 291,191	694 803,900	16,827	16,359	65	63	77 549	1 756,686	16 889,470	9,614	9,146
16	14	98 927	38 942,342	653 512,709	16,782	16,314	66	64	75 831	1 620,541	15 132,785	9,338	8,870
17	15	98 886	36 722,618	614 570,367	16,735	16,268	67	65	74 030	1 492,509	13 512,244	9,053	8,585
18	16	98 839	34 627,455	577 847,749	16,688	16,220	68	66	72 133	1 371,938	12 019,735	8,761	8,293
19	17	98 768	32 644,008	543 220,294	16,641	16,173	69	67	70 134	1 258,416	10 647,797	8,461	7,993
20	18	98 697	30 774,037	510 576,286	16,591	16,123	70	68	67 999	1 151,045	9 389,381	8,157	7,689
21	19	98 616	29 008,429	479 802,249	16,540	16,072	71	69	65 745	1 049,891	8 238,336	7,847	7,379
22	20	98 539	27 345,128	450 793,820	16,485	16,017	72	70	63 344	954,293	7 188,445	7,533	7,065
23	21	98 463	25 777,336	423 448,693	16,427	15,959	73	71	60 766	863,643	6 234,152	7,218	6,750
24	22	98 387	24 299,594	397 671,357	16,365	15,897	74	72	58 033	778,115	5 370,509	6,902	6,434
25	23	98 308	22 905,674	373 371,763	16,300	15,832	75	73	55 073	696,625	4 592,394	6,592	6,124
26	24	98 228	21 591,407	350 466,089	16,232	15,764	76	74	51 969	620,150	3 895,769	6,282	5,814
27	25	98 145	20 352,184	328 874,682	16,159	15,691	77	75	48 714	548,404	3 275,620	5,973	5,505
28	26	98 061	19 183,745	308 522,498	16,082	15,615	78	76	45 261	480,696	2 727,216	5,673	5,206
29	27	97 974	18 081,826	289 338,753	16,002	15,534	79	77	41 660	417,401	2 246,520	5,382	4,914
30	28	97 886	17 042,951	271 256,927	15,916	15,448	80	78	38 003	359,208	1 829,119	5,092	4,624
31	29	97 796	16 063,402	254 213,976	15,826	15,358	81	79	34 244	305,359	1 469,911	4,814	4,346
32	30	97 696	15 138,720	238 150,574	15,731	15,263	82	80	30 491	256,501	1 164,552	4,540	4,072
33	31	97 596	14 267,232	223 011,854	15,631	15,163	83	81	26 767	212,425	908,052	4,275	3,807
34	32	97 494	13 445,493	208 744,622	15,525	15,057	84	82	23 144	173,282	695,626	4,014	3,546
35	33	97 381	12 669,789	195 299,129	15,415	14,947	85	83	19 639	138,717	522,344	3,766	3,298
36	34	97 262	11 937,966	182 629,339	15,298	14,830	86	84	16 292	108,561	383,627	3,534	3,066
37	35	97 133	11 247,392	170 691,374	15,176	14,708	87	85	13 191	82,924	275,066	3,317	2,849
38	36	96 996	10 595,750	159 443,982	15,048	14,580	88	86	10 354	61,405	192,142	3,129	2,661
39	37	96 847	9 980,572	148 848,232	14,914	14,446	89	87	7 943	44,437	130,736	2,942	2,474
40	38	96 682	9 399,628	138 867,660	14,774	14,306	90	88	5 876	31,016	86,299	2,782	2,314
41	39	96 493	8 850,263	129 468,032	14,629	14,161	91	89	4 266	21,243	55,284	2,602	2,134
42	40	96 282	8 331,039	120 617,769	14,478	14,010	92	90	2 957	13,892	34,041	2,450	1,982
43	41	96 058	7 841,204	112 286,729	14,320	13,852	93	91	1 972	8,738	20,149	2,306	1,838
44	42	95 794	7 377,001	104 445,525	14,158	13,690	94	92	1 249	5,220	11,411	2,186	1,718
45	43	95 500	6 938,055	97 068,524	13,991	13,523	95	93	756	2,984	6,191	2,075	1,607
46	44	95 169	6 522,665	90 130,469	13,818	13,350	96	94	437	1,625	3,207	1,974	1,506
47	45	94 799	6 129,569	83 607,804	13,640	13,172	97	95	240	0,841	1,582	1,882	1,414
48	46	94 378	5 756,928	77 478,235	13,458	12,990	98	96	125	0,412	0,742	1,799	1,331
49	47	93 899	5 403,491	71 721,307	13,273	12,805	99	97	61	0,191	0,329	1,723	1,255
							100	98	28	0,084	0,138	1,654	1,186

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	5 077,776	66 727,852	13,141	12,673
1							51	48	92 972	4 761,613	61 650,076	12,947	12,479
2							52	49	92 354	4 462,238	56 888,643	12,749	12,281
3	0	99 539	83 575,029	1 435 157,201	17,172	16,704	53	50	91 676	4 178,757	52 426,225	12,546	12,078
4	1	99 206	78 580,229	1 351 582,172	17,200	16,732	54	51	90 938	3 910,447	48 247,469	12,338	11,870
5	2	99 163	74 100,534	1 273 001,943	17,179	16,711	55	52	90 130	3 656,331	44 337,022	12,126	11,658
6	3	99 136	69 886,807	1 198 901,409	17,155	16,687	56	53	89 260	3 416,082	40 680,691	11,909	11,441
7	4	99 111	65 914,547	1 129 014,602	17,128	16,660	57	54	88 326	3 188,991	37 264,609	11,685	11,217
8	5	99 090	62 170,069	1 063 100,055	17,100	16,632	58	55	87 343	2 975,012	34 075,618	11,454	10,986
9	6	99 071	58 640,065	1 000 929,986	17,069	16,601	59	56	86 259	2 771,790	31 100,607	11,220	10,752
10	7	99 055	55 311,632	942 289,921	17,036	16,568	60	57	85 107	2 579,977	28 328,817	10,980	10,512
11	8	99 038	52 171,760	886 978,289	17,001	16,533	61	58	83 858	2 398,197	25 748,840	10,737	10,269
12	9	99 022	49 210,799	834 806,529	16,964	16,496	62	59	82 537	2 226,815	23 350,643	10,486	10,018
13	10	99 005	46 417,481	785 595,730	16,925	16,457	63	60	81 133	2 065,027	21 123,828	10,229	9,761
14	11	98 989	43 782,715	739 178,250	16,883	16,415	64	61	79 629	1 912,040	19 058,801	9,968	9,500
15	12	98 964	41 294,356	695 395,535	16,840	16,372	65	62	78 039	1 767,778	17 146,760	9,700	9,232
16	13	98 937	38 946,173	654 101,179	16,795	16,327	66	63	76 340	1 631,420	15 378,982	9,427	8,959
17	14	98 898	36 727,165	615 155,006	16,749	16,281	67	64	74 567	1 503,326	13 747,562	9,145	8,677
18	15	98 852	34 632,150	578 427,842	16,702	16,234	68	65	72 696	1 382,643	12 244,236	8,856	8,388
19	16	98 784	32 649,256	543 795,691	16,656	16,188	69	66	70 715	1 268,846	10 861,593	8,560	8,092
20	17	98 714	30 779,440	511 146,435	16,607	16,139	70	67	68 618	1 161,521	9 592,747	8,259	7,791
21	18	98 638	29 014,767	480 366,995	16,556	16,088	71	68	66 395	1 060,277	8 431,225	7,952	7,484
22	19	98 560	27 351,010	451 352,228	16,502	16,034	72	69	64 046	964,876	7 370,949	7,639	7,171
23	20	98 484	25 782,775	424 001,219	16,445	15,977	73	70	61 501	874,087	6 406,073	7,329	6,861
24	21	98 409	24 304,848	398 218,443	16,384	15,916	74	71	58 818	788,638	5 531,986	7,015	6,547
25	22	98 331	22 910,939	373 913,595	16,320	15,852	75	72	55 939	707,574	4 743,348	6,704	6,236
26	23	98 250	21 596,319	351 002,657	16,253	15,785	76	73	52 886	631,090	4 035,774	6,395	5,927
27	24	98 168	20 356,812	329 406,338	16,182	15,714	77	74	49 674	559,210	3 404,684	6,088	5,620
28	25	98 083	19 188,021	309 049,526	16,106	15,638	78	75	46 293	491,650	2 845,475	5,788	5,320
29	26	98 001	18 086,658	289 861,504	16,026	15,558	79	76	42 743	428,257	2 353,825	5,496	5,028
30	27	97 911	17 047,352	271 774,847	15,942	15,474	80	77	39 136	369,919	1 925,568	5,205	4,737
31	28	97 821	16 067,575	254 727,495	15,854	15,386	81	78	35 422	315,864	1 555,649	4,925	4,457
32	29	97 723	15 142,920	238 659,920	15,760	15,293	82	79	31 680	266,508	1 239,785	4,652	4,184
33	30	97 623	14 271,149	223 517,000	15,662	15,194	83	80	27 980	222,056	973,277	4,383	3,915
34	31	97 525	13 449,878	209 245,851	15,557	15,089	84	81	24 350	182,306	751,221	4,121	3,653
35	32	97 415	12 674,179	195 795,973	15,448	14,980	85	82	20 824	147,081	568,915	3,868	3,400
36	33	97 297	11 942,286	183 121,794	15,334	14,866	86	83	17 424	116,103	421,834	3,633	3,165
37	34	97 173	11 251,958	171 179,508	15,213	14,745	87	84	14 245	89,550	305,731	3,414	2,946
38	35	97 038	10 600,267	159 927,549	15,087	14,619	88	85	11 320	67,131	216,181	3,220	2,752
39	36	96 892	9 985,228	149 327,282	14,955	14,487	89	86	8 792	49,191	149,050	3,030	2,562
40	37	96 733	9 404,581	139 342,054	14,816	14,348	90	87	6 637	35,032	99,858	2,850	2,382
41	38	96 550	8 855,484	129 937,472	14,673	14,205	91	88	4 878	24,291	64,826	2,669	2,201
42	39	96 350	8 336,902	121 081,988	14,524	14,056	92	89	3 438	16,149	40,535	2,510	2,042
43	40	96 127	7 846,797	112 745,086	14,368	13,900	93	90	2 315	10,258	24,386	2,377	1,909
44	41	95 874	7 383,136	104 898,289	14,208	13,740	94	91	1 510	6,313	14,128	2,238	1,770
45	42	95 590	6 944,625	97 515,153	14,042	13,574	95	92	933	3,679	7,815	2,124	1,656
46	43	95 269	6 529,558	90 570,528	13,871	13,403	96	93	551	2,049	4,136	2,019	1,551
47	44	94 907	6 136,508	84 040,971	13,695	13,227	97	94	309	1,085	2,087	1,923	1,455
48	45	94 506	5 764,725	77 904,462	13,514	13,046	98	95	165	0,546	1,002	1,836	1,368
49	46	94 045	5 411,885	72 139,737	13,330	12,862	99	96	83	0,260	0,456	1,757	1,289
							100	97	40	0,117	0,197	1,685	1,217

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	5 085,664	67 105,536	13,195	12,727
1							51	47	93 134	4 769,891	62 019,872	13,002	12,534
2							52	48	92 526	4 470,521	57 249,981	12,806	12,338
3							53	49	91 869	4 187,517	52 779,460	12,604	12,136
4	0	99 524	78 832,462	1 352 451,451	17,156	16,688	54	50	91 150	3 919,605	48 591,943	12,397	11,929
5	1	99 191	74 121,609	1 273 618,988	17,183	16,715	55	51	90 355	3 665,461	44 672,337	12,187	11,719
6	2	99 152	69 898,076	1 199 497,379	17,161	16,693	56	52	89 508	3 425,573	41 006,877	11,971	11,503
7	3	99 125	65 923,999	1 129 599,303	17,135	16,667	57	53	88 595	3 198,712	37 581,303	11,749	11,281
8	4	99 102	62 177,521	1 063 675,304	17,107	16,639	58	54	87 622	2 984,521	34 382,591	11,520	11,052
9	5	99 080	58 645,370	1 001 497,783	17,077	16,609	59	55	86 571	2 781,797	31 398,070	11,287	10,819
10	6	99 063	55 316,067	942 852,413	17,045	16,577	60	56	85 432	2 589,800	28 616,273	11,050	10,582
11	7	99 046	52 176,119	887 536,346	17,010	16,542	61	57	84 205	2 408,133	26 026,473	10,808	10,340
12	8	99 028	49 213,856	835 360,227	16,974	16,506	62	58	82 915	2 237,015	23 618,340	10,558	10,090
13	9	99 011	46 420,428	786 146,372	16,935	16,467	63	59	81 522	2 074,942	21 381,324	10,305	9,837
14	10	98 996	43 786,242	739 725,944	16,894	16,426	64	60	80 067	1 922,553	19 306,382	10,042	9,574
15	11	98 972	41 297,636	695 939,702	16,852	16,384	65	61	78 485	1 777,886	17 383,830	9,778	9,310
16	12	98 945	38 949,159	654 642,066	16,808	16,340	66	62	76 822	1 641,722	15 605,944	9,506	9,038
17	13	98 908	36 730,778	615 692,907	16,762	16,294	67	63	75 068	1 513,419	13 964,222	9,227	8,759
18	14	98 864	34 636,438	578 962,130	16,715	16,247	68	64	73 223	1 392,665	12 450,803	8,940	8,472
19	15	98 797	32 653,683	544 325,692	16,670	16,202	69	65	71 267	1 278,746	11 058,139	8,648	8,180
20	16	98 730	30 784,389	511 672,009	16,621	16,153	70	66	69 187	1 171,148	9 779,392	8,350	7,882
21	17	98 655	29 019,861	480 887,620	16,571	16,103	71	67	66 999	1 069,927	8 608,244	8,046	7,578
22	18	98 582	27 356,986	451 867,759	16,517	16,049	72	68	64 680	974,420	7 538,317	7,736	7,268
23	19	98 505	25 788,321	424 510,773	16,461	15,993	73	69	62 183	883,780	6 563,897	7,427	6,959
24	20	98 430	24 309,977	398 722,452	16,402	15,934	74	70	59 529	798,175	5 680,117	7,116	6,648
25	21	98 352	22 915,892	374 412,475	16,339	15,871	75	71	56 695	717,143	4 881,943	6,807	6,340
26	22	98 273	21 601,283	351 496,583	16,272	15,804	76	72	53 717	641,009	4 164,799	6,497	6,029
27	23	98 190	20 361,443	329 895,300	16,202	15,734	77	73	50 550	569,075	3 523,790	6,192	5,724
28	24	98 105	19 192,385	309 533,857	16,128	15,660	78	74	47 205	501,338	2 954,715	5,894	5,426
29	25	98 022	18 090,689	290 341,472	16,049	15,581	79	75	43 717	438,016	2 453,377	5,601	5,133
30	26	97 937	17 051,907	272 250,783	15,966	15,498	80	76	40 154	379,539	2 015,361	5,310	4,842
31	27	97 846	16 071,724	255 198,876	15,879	15,411	81	77	36 478	325,283	1 635,822	5,029	4,561
32	28	97 749	15 146,854	239 127,152	15,787	15,319	82	78	32 770	275,677	1 310,540	4,754	4,286
33	29	97 650	14 275,108	223 980,298	15,690	15,222	83	79	29 072	230,720	1 034,863	4,485	4,017
34	30	97 552	13 453,570	209 705,190	15,587	15,119	84	80	25 454	190,571	804,143	4,220	3,752
35	31	97 447	12 678,312	196 251,619	15,479	15,011	85	81	21 908	154,740	613,571	3,965	3,497
36	32	97 331	11 946,424	183 573,307	15,366	14,898	86	82	18 475	123,104	458,832	3,727	3,259
37	33	97 208	11 256,031	171 626,883	15,248	14,780	87	83	15 235	95,771	335,728	3,506	3,038
38	34	97 077	10 604,571	160 370,852	15,123	14,655	88	84	12 224	72,495	239,956	3,310	2,842
39	35	96 933	9 989,486	149 766,282	14,992	14,524	89	85	9 612	53,778	167,462	3,114	2,646
40	36	96 778	9 408,969	139 776,796	14,856	14,388	90	86	7 348	38,780	113,683	2,931	2,463
41	37	96 601	8 860,150	130 367,827	14,714	14,246	91	87	5 510	27,437	74,903	2,730	2,262
42	38	96 407	8 341,821	121 507,677	14,566	14,098	92	88	3 931	18,465	47,466	2,571	2,103
43	39	96 194	7 852,319	113 165,856	14,412	13,944	93	89	2 691	11,925	29,001	2,432	1,964
44	40	95 942	7 388,403	105 313,537	14,254	13,786	94	90	1 773	7,411	17,076	2,304	1,836
45	41	95 670	6 950,400	97 925,134	14,089	13,621	95	91	1 128	4,449	9,664	2,172	1,704
46	42	95 360	6 535,740	90 974,734	13,920	13,452	96	92	679	2,526	5,215	2,064	1,597
47	43	95 007	6 142,993	84 438,994	13,746	13,278	97	93	390	1,369	2,689	1,965	1,497
48	44	94 613	5 771,251	78 296,001	13,567	13,099	98	94	213	0,705	1,320	1,874	1,406
49	45	94 172	5 419,214	72 524,750	13,383	12,915	99	95	110	0,344	0,616	1,792	1,324
							100	96	54	0,159	0,272	1,717	1,249

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	5 092,552	67 452,793	13,245	12,777
1							51	46	93 279	4 777,300	62 360,242	13,053	12,585
2							52	47	92 687	4 478,293	57 582,942	12,858	12,390
3							53	48	92 039	4 195,291	53 104,649	12,658	12,190
4							54	49	91 342	3 927,822	48 909,358	12,452	11,984
5	0	99 510	74 359,531	1 274 422,880	17,139	16,671	55	50	90 566	3 674,045	44 981,535	12,243	11,775
6	1	99 180	69 917,956	1 200 063,349	17,164	16,696	56	51	89 731	3 434,127	41 307,490	12,029	11,561
7	2	99 141	65 934,629	1 130 145,393	17,140	16,672	57	52	88 841	3 207,600	37 873,363	11,807	11,339
8	3	99 116	62 186,438	1 064 210,764	17,113	16,645	58	53	87 889	2 993,619	34 665,763	11,580	11,112
9	4	99 092	58 652,399	1 002 024,326	17,084	16,616	59	54	86 848	2 790,689	31 672,144	11,349	10,881
10	5	99 072	55 321,071	943 371,927	17,053	16,585	60	55	85 740	2 599,151	28 881,456	11,112	10,644
11	6	99 054	52 180,303	888 050,856	17,019	16,551	61	56	84 526	2 417,302	26 282,305	10,873	10,405
12	7	99 036	49 217,968	835 870,554	16,983	16,515	62	57	83 258	2 246,284	23 865,003	10,624	10,156
13	8	99 018	46 423,311	786 652,586	16,945	16,477	63	58	81 896	2 084,446	21 618,719	10,371	9,903
14	9	99 003	43 789,022	740 229,275	16,904	16,436	64	59	80 451	1 931,783	19 534,273	10,112	9,644
15	10	98 980	41 300,963	696 440,253	16,863	16,395	65	60	78 916	1 787,661	17 602,489	9,847	9,379
16	11	98 952	38 952,252	655 139,290	16,819	16,351	66	61	77 261	1 651,109	15 814,828	9,578	9,110
17	12	98 915	36 733,594	616 187,038	16,774	16,307	67	62	75 542	1 522,975	14 163,720	9,300	8,832
18	13	98 874	34 639,845	579 453,444	16,728	16,260	68	63	73 714	1 402,014	12 640,745	9,016	8,548
19	14	98 809	32 657,726	544 813,599	16,683	16,215	69	64	71 784	1 288,015	11 238,730	8,726	8,258
20	15	98 743	30 788,563	512 155,873	16,635	16,167	70	65	69 727	1 180,286	9 950,716	8,431	7,963
21	16	98 671	29 024,527	481 367,310	16,585	16,117	71	66	67 555	1 078,794	8 770,429	8,130	7,662
22	17	98 599	27 361,789	452 342,783	16,532	16,064	72	67	65 268	983,289	7 691,635	7,822	7,354
23	18	98 526	25 793,956	424 980,995	16,476	16,008	73	68	62 798	892,522	6 708,346	7,516	7,048
24	19	98 451	24 315,206	399 187,039	16,417	15,949	74	69	60 190	807,026	5 815,824	7,206	6,739
25	20	98 373	22 920,728	374 871,833	16,355	15,887	75	70	57 381	725,815	5 008,798	6,901	6,433
26	21	98 294	21 605,953	351 951,105	16,290	15,822	76	71	54 443	649,678	4 282,982	6,592	6,125
27	22	98 212	20 366,123	330 345,152	16,220	15,752	77	72	51 345	578,020	3 633,304	6,286	5,818
28	23	98 128	19 196,751	309 979,029	16,147	15,680	78	73	48 038	510,182	3 055,284	5,989	5,521
29	24	98 045	18 094,803	290 782,278	16,070	15,602	79	74	44 579	446,647	2 545,102	5,698	5,230
30	25	97 959	17 055,708	272 687,475	15,988	15,520	80	75	41 069	388,188	2 098,455	5,406	4,938
31	26	97 872	16 076,019	255 631,767	15,901	15,433	81	76	37 427	333,742	1 710,267	5,125	4,657
32	27	97 774	15 150,765	239 555,748	15,811	15,343	82	77	33 747	283,897	1 376,525	4,849	4,381
33	28	97 676	14 278,817	224 404,983	15,716	15,248	83	78	30 072	238,657	1 092,628	4,578	4,110
34	29	97 579	13 457,303	210 126,166	15,614	15,146	84	79	26 447	198,007	853,971	4,313	3,845
35	30	97 473	12 681,793	196 668,863	15,508	15,040	85	80	22 901	161,756	655,964	4,055	3,587
36	31	97 362	11 950,320	183 987,070	15,396	14,928	86	81	19 437	129,515	494,208	3,816	3,348
37	32	97 242	11 259,930	172 036,750	15,279	14,811	87	82	16 154	101,546	364,694	3,591	3,123
38	33	97 112	10 608,409	160 776,820	15,156	14,688	88	83	13 074	77,531	263,148	3,394	2,926
39	34	96 972	9 993,541	150 168,411	15,027	14,559	89	84	10 380	58,075	185,617	3,196	2,728
40	35	96 819	9 412,980	140 174,870	14,892	14,424	90	85	8 033	42,397	127,542	3,008	2,540
41	36	96 646	8 864,284	130 761,889	14,752	14,284	91	86	6 100	30,372	85,145	2,803	2,335
42	37	96 457	8 346,216	121 897,606	14,605	14,137	92	87	4 440	20,857	54,773	2,626	2,158
43	38	96 251	7 856,951	113 551,389	14,452	13,984	93	88	3 077	13,636	33,916	2,487	2,019
44	39	96 009	7 393,602	105 694,438	14,295	13,827	94	89	2 061	8,615	20,280	2,354	1,886
45	40	95 738	6 955,358	98 300,835	14,133	13,665	95	90	1 324	5,223	11,665	2,233	1,765
46	41	95 439	6 541,176	91 345,477	13,965	13,497	96	91	821	3,055	6,441	2,108	1,641
47	42	95 097	6 148,809	84 804,302	13,792	13,324	97	92	481	1,688	3,386	2,007	1,539
48	43	94 713	5 777,350	78 655,493	13,614	13,146	98	93	268	0,888	1,699	1,912	1,444
49	44	94 279	5 425,350	72 878,143	13,433	12,965	99	94	142	0,444	0,811	1,827	1,359
							100	95	71	0,210	0,367	1,749	1,281

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	5 098,317	67 771,312	13,293	12,825
1							51	45	93 405	4 783,770	62 672,995	13,101	12,633
2							52	46	92 831	4 485,249	57 889,225	12,907	12,439
3							53	47	92 199	4 202,584	53 403,976	12,707	12,239
4							54	48	91 511	3 935,114	49 201,391	12,503	12,035
5							55	49	90 756	3 681,748	45 266,277	12,295	11,827
6	0	99 498	70 142,384	1 200 806,671	17,120	16,652	56	50	89 942	3 442,170	41 584,530	12,081	11,613
7	1	99 170	65 953,382	1 130 664,286	17,143	16,675	57	51	89 063	3 215,609	38 142,360	11,862	11,394
8	2	99 132	62 196,465	1 064 710,904	17,119	16,651	58	52	88 134	3 001,937	34 926,751	11,635	11,167
9	3	99 106	58 660,810	1 002 514,440	17,090	16,622	59	53	87 112	2 799,196	31 924,814	11,405	10,937
10	4	99 083	55 327,702	943 853,630	17,059	16,591	60	54	86 014	2 607,458	29 125,618	11,170	10,702
11	5	99 063	52 185,023	888 525,928	17,026	16,558	61	55	84 831	2 426,030	26 518,160	10,931	10,463
12	6	99 044	49 221,914	836 340,904	16,991	16,523	62	56	83 575	2 254,836	24 092,130	10,685	10,217
13	7	99 026	46 427,190	787 118,990	16,954	16,486	63	57	82 235	2 093,083	21 837,294	10,433	9,965
14	8	99 009	43 791,742	740 691,801	16,914	16,446	64	58	80 820	1 940,632	19 744,211	10,174	9,706
15	9	98 986	41 303,585	696 900,059	16,873	16,405	65	59	79 295	1 796,244	17 803,579	9,912	9,444
16	10	98 960	38 955,390	655 596,473	16,829	16,361	66	60	77 686	1 660,187	16 007,335	9,642	9,174
17	11	98 923	36 736,511	616 641,083	16,786	16,318	67	61	75 973	1 531,683	14 347,148	9,367	8,899
18	12	98 881	34 642,501	579 904,572	16,740	16,272	68	62	74 180	1 410,867	12 815,465	9,083	8,615
19	13	98 819	32 660,939	545 262,071	16,695	16,227	69	63	72 266	1 296,662	11 404,598	8,795	8,327
20	14	98 755	30 792,375	512 601,132	16,647	16,179	70	64	70 232	1 188,841	10 107,936	8,502	8,034
21	15	98 684	29 028,462	481 808,757	16,598	16,130	71	65	68 082	1 087,212	8 919,095	8,204	7,736
22	16	98 615	27 366,188	452 780,295	16,545	16,077	72	66	65 809	991,439	7 831,883	7,900	7,432
23	17	98 544	25 798,484	425 414,107	16,490	16,022	73	67	63 370	900,646	6 840,444	7,595	7,127
24	18	98 472	24 320,518	399 615,623	16,431	15,963	74	68	60 785	815,009	5 939,799	7,288	6,820
25	19	98 394	22 925,658	375 295,105	16,370	15,902	75	69	58 017	733,864	5 124,790	6,983	6,515
26	20	98 314	21 610,513	352 369,446	16,305	15,837	76	70	55 102	657,534	4 390,926	6,678	6,210
27	21	98 234	20 370,526	330 758,934	16,237	15,769	77	71	52 039	585,837	3 733,391	6,373	5,905
28	22	98 150	19 201,163	310 388,407	16,165	15,697	78	72	48 793	518,201	3 147,555	6,074	5,606
29	23	98 067	18 098,920	291 187,244	16,089	15,621	79	73	45 365	454,526	2 629,353	5,785	5,317
30	24	97 982	17 059,586	273 088,324	16,008	15,540	80	74	41 878	395,837	2 174,827	5,494	5,026
31	25	97 894	16 079,602	256 028,738	15,923	15,455	81	75	38 280	341,348	1 778,989	5,212	4,744
32	26	97 800	15 154,814	239 949,136	15,833	15,365	82	76	34 625	291,280	1 437,641	4,936	4,468
33	27	97 701	14 282,504	224 794,322	15,739	15,271	83	77	30 969	245,774	1 146,362	4,664	4,196
34	28	97 605	13 460,799	210 511,818	15,639	15,171	84	78	27 357	204,819	900,588	4,397	3,929
35	29	97 500	12 685,311	197 051,019	15,534	15,066	85	79	23 795	168,067	695,769	4,140	3,672
36	30	97 389	11 953,601	184 365,708	15,423	14,955	86	80	20 318	135,387	527,703	3,898	3,430
37	31	97 273	11 263,603	172 412,108	15,307	14,839	87	81	16 995	106,834	392,316	3,672	3,204
38	32	97 146	10 612,084	161 148,505	15,185	14,717	88	82	13 862	82,206	285,483	3,473	3,005
39	33	97 007	9 997,158	150 536,421	15,058	14,590	89	83	11 101	62,110	203,277	3,273	2,805
40	34	96 859	9 416,802	140 539,263	14,924	14,456	90	84	8 674	45,784	141,167	3,083	2,615
41	35	96 687	8 868,063	131 122,461	14,786	14,318	91	85	6 669	33,204	95,383	2,873	2,405
42	36	96 502	8 350,110	122 254,398	14,641	14,173	92	86	4 915	23,088	62,178	2,693	2,225
43	37	96 302	7 861,092	113 904,287	14,490	14,022	93	87	3 476	15,402	39,090	2,538	2,070
44	38	96 066	7 397,964	106 043,195	14,334	13,866	94	88	2 356	9,851	23,688	2,405	1,937
45	39	95 805	6 960,253	98 645,232	14,173	13,705	95	89	1 540	6,072	13,837	2,279	1,811
46	40	95 507	6 545,841	91 684,979	14,007	13,539	96	90	964	3,587	7,765	2,165	1,697
47	41	95 176	6 153,923	85 139,137	13,835	13,367	97	91	581	2,041	4,178	2,047	1,579
48	42	94 803	5 782,820	78 985,214	13,659	13,191	98	92	331	1,095	2,137	1,951	1,483
49	43	94 379	5 431,082	73 202,395	13,478	13,010	99	93	179	0,560	1,042	1,862	1,394
							100	94	92	0,271	0,482	1,781	1,313

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	5 103,704	68 063,406	13,336	12,868
1							51	44	93 511	4 789,186	62 959,702	13,146	12,678
2							52	45	92 956	4 491,324	58 170,516	12,952	12,484
3							53	46	92 342	4 209,112	53 679,192	12,753	12,285
4							54	47	91 670	3 941,955	49 470,080	12,550	12,082
5							55	48	90 925	3 688,582	45 528,125	12,343	11,875
6							56	49	90 130	3 449,386	41 839,542	12,130	11,662
7	0	99 488	66 165,085	1 131 351,553	17,099	16,631	57	50	89 272	3 223,140	38 390,157	11,911	11,443
8	1	99 160	62 214,154	1 065 186,469	17,121	16,653	58	51	88 354	3 009,433	35 167,017	11,686	11,218
9	2	99 122	58 670,269	1 002 972,314	17,095	16,627	59	52	87 354	2 806,974	32 157,584	11,456	10,988
10	3	99 098	55 335,636	944 302,046	17,065	16,597	60	53	86 276	2 615,407	29 350,610	11,222	10,754
11	4	99 075	52 191,278	888 966,409	17,033	16,565	61	54	85 102	2 433,784	26 735,203	10,985	10,517
12	5	99 053	49 226,367	836 775,131	16,999	16,531	62	55	83 877	2 262,977	24 301,419	10,739	10,271
13	6	99 034	46 430,912	787 548,764	16,962	16,494	63	56	82 548	2 101,052	22 038,442	10,489	10,021
14	7	99 017	43 795,401	741 117,852	16,922	16,454	64	57	81 155	1 948,673	19 937,390	10,231	9,763
15	8	98 993	41 306,151	697 322,451	16,882	16,414	65	58	79 658	1 804,472	17 988,717	9,969	9,501
16	9	98 967	38 957,864	656 016,300	16,839	16,371	66	59	78 059	1 668,158	16 184,245	9,702	9,234
17	10	98 931	36 739,471	617 058,436	16,796	16,328	67	60	76 391	1 540,104	14 516,087	9,425	8,957
18	11	98 889	34 645,253	580 318,965	16,750	16,282	68	61	74 604	1 418,934	12 975,983	9,145	8,677
19	12	98 826	32 663,442	545 673,713	16,706	16,238	69	62	72 722	1 304,849	11 557,048	8,857	8,389
20	13	98 765	30 795,404	513 010,270	16,659	16,191	70	63	70 703	1 196,822	10 252,199	8,566	8,098
21	14	98 696	29 032,056	482 214,866	16,610	16,142	71	64	68 575	1 095,092	9 055,377	8,269	7,801
22	15	98 628	27 369,898	453 182,810	16,558	16,090	72	65	66 323	999,175	7 960,285	7,967	7,499
23	16	98 560	25 802,632	425 812,912	16,503	16,035	73	66	63 895	908,110	6 961,110	7,665	7,198
24	17	98 489	24 324,788	400 010,280	16,445	15,977	74	67	61 338	822,427	6 053,000	7,360	6,892
25	18	98 415	22 930,667	375 685,491	16,384	15,916	75	68	58 591	741,124	5 230,573	7,058	6,590
26	19	98 336	21 615,161	352 754,824	16,320	15,852	76	69	55 713	664,826	4 489,450	6,753	6,285
27	20	98 254	20 374,825	331 139,663	16,252	15,784	77	70	52 668	592,921	3 824,624	6,450	5,983
28	21	98 172	19 205,314	310 764,838	16,181	15,713	78	71	49 453	525,209	3 231,703	6,153	5,685
29	22	98 090	18 103,080	291 559,523	16,106	15,638	79	72	46 078	461,671	2 706,493	5,862	5,394
30	23	98 004	17 063,468	273 456,444	16,026	15,558	80	73	42 617	402,820	2 244,823	5,573	5,105
31	24	97 916	16 083,258	256 392,976	15,942	15,474	81	74	39 034	348,074	1 842,002	5,292	4,824
32	25	97 822	15 158,192	240 309,718	15,853	15,385	82	75	35 414	297,918	1 493,928	5,015	4,547
33	26	97 727	14 286,321	225 151,526	15,760	15,292	83	76	31 774	252,165	1 196,010	4,743	4,275
34	27	97 630	13 464,275	210 865,205	15,661	15,193	84	77	28 172	210,926	943,845	4,475	4,007
35	28	97 526	12 688,607	197 400,931	15,557	15,089	85	78	24 613	173,848	732,919	4,216	3,748
36	29	97 416	11 956,917	184 712,324	15,448	14,980	86	79	21 111	140,669	559,070	3,974	3,506
37	30	97 300	11 266,695	172 755,407	15,333	14,865	87	80	17 765	111,677	418,402	3,747	3,279
38	31	97 177	10 615,545	161 488,712	15,212	14,745	88	81	14 584	86,487	306,724	3,546	3,079
39	32	97 041	10 000,622	150 873,167	15,086	14,618	89	82	11 771	65,855	220,238	3,344	2,876
40	33	96 894	9 420,210	140 872,545	14,954	14,486	90	83	9 277	48,965	154,383	3,153	2,685
41	34	96 727	8 871,663	131 452,335	14,817	14,349	91	84	7 201	35,857	105,418	2,940	2,472
42	35	96 544	8 353,670	122 580,672	14,674	14,206	92	85	5 373	25,241	69,561	2,756	2,288
43	36	96 347	7 864,759	114 227,002	14,524	14,056	93	86	3 847	17,050	44,319	2,599	2,131
44	37	96 117	7 401,862	106 362,242	14,370	13,902	94	87	2 662	11,127	27,270	2,451	1,983
45	38	95 862	6 964,359	98 960,380	14,210	13,742	95	88	1 760	6,943	16,142	2,325	1,857
46	39	95 574	6 550,448	91 996,021	14,044	13,576	96	89	1 121	4,169	9,199	2,206	1,738
47	40	95 244	6 158,312	85 445,573	13,875	13,407	97	90	683	2,396	5,030	2,099	1,631
48	41	94 882	5 787,629	79 287,260	13,699	13,231	98	91	400	1,325	2,634	1,988	1,520
49	42	94 468	5 436,225	73 499,631	13,520	13,052	99	92	221	0,690	1,309	1,898	1,430
							100	93	116	0,341	0,619	1,814	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	5 108,537	68 331,047	13,376	12,908
1							51	43	93 609	4 794,247	63 222,511	13,187	12,719
2							52	44	93 062	4 496,409	58 428,264	12,994	12,526
3							53	45	92 468	4 214,813	53 931,855	12,796	12,328
4							54	46	91 813	3 948,078	49 717,042	12,593	12,125
5							55	47	91 083	3 694,995	45 768,964	12,387	11,919
6							56	48	90 297	3 455,789	42 073,970	12,175	11,707
7							57	49	89 459	3 229,897	38 618,180	11,956	11,489
8	0	99 478	62 413,854	1 065 821,903	17,077	16,609	58	50	88 561	3 016,481	35 388,283	11,732	11,264
9	1	99 150	58 686,955	1 003 408,048	17,098	16,630	59	51	87 572	2 813,983	32 371,802	11,504	11,036
10	2	99 114	55 344,559	944 721,093	17,070	16,602	60	52	86 516	2 622,674	29 557,820	11,270	10,802
11	3	99 089	52 198,763	889 376,534	17,038	16,570	61	53	85 361	2 441,203	26 935,146	11,034	10,566
12	4	99 065	49 232,267	837 177,771	17,005	16,537	62	54	84 145	2 270,211	24 493,942	10,789	10,321
13	5	99 043	46 435,113	787 945,504	16,969	16,501	63	55	82 846	2 108,638	22 223,732	10,539	10,071
14	6	99 025	43 798,913	741 510,391	16,930	16,462	64	56	81 464	1 956,092	20 115,094	10,283	9,815
15	7	99 001	41 309,602	697 711,479	16,890	16,422	65	57	79 988	1 811,948	18 159,002	10,022	9,554
16	8	98 973	38 960,284	656 401,876	16,848	16,380	66	58	78 417	1 675,799	16 347,053	9,755	9,287
17	9	98 937	36 741,803	617 441,593	16,805	16,337	67	59	76 758	1 547,499	14 671,255	9,481	9,013
18	10	98 897	34 648,044	580 699,789	16,760	16,292	68	60	75 014	1 426,736	13 123,756	9,198	8,730
19	11	98 834	32 666,037	546 051,746	16,716	16,248	69	61	73 138	1 312,310	11 697,020	8,913	8,445
20	12	98 773	30 797,765	513 385,709	16,670	16,202	70	62	71 150	1 204,379	10 384,710	8,622	8,154
21	13	98 706	29 034,912	482 587,944	16,621	16,153	71	63	69 036	1 102,444	9 180,330	8,327	7,859
22	14	98 641	27 373,287	453 553,032	16,569	16,101	72	64	66 804	1 006,417	8 077,886	8,026	7,558
23	15	98 573	25 806,131	426 179,745	16,515	16,047	73	65	64 394	915,196	7 071,470	7,727	7,259
24	16	98 505	24 328,700	400 373,614	16,457	15,989	74	66	61 847	829,243	6 156,274	7,424	6,956
25	17	98 433	22 934,693	376 044,915	16,396	15,928	75	67	59 124	747,869	5 327,031	7,123	6,655
26	18	98 357	21 619,884	353 110,222	16,333	15,865	76	68	56 264	671,403	4 579,162	6,820	6,352
27	19	98 276	20 379,208	331 490,338	16,266	15,798	77	69	53 252	599,496	3 907,759	6,518	6,050
28	20	98 192	19 209,367	311 111,130	16,196	15,728	78	70	50 051	531,560	3 308,263	6,224	5,756
29	21	98 111	18 106,993	291 901,763	16,121	15,653	79	71	46 701	467,914	2 776,703	5,934	5,466
30	22	98 026	17 067,390	273 794,769	16,042	15,574	80	72	43 287	409,152	2 308,788	5,643	5,175
31	23	97 939	16 086,917	256 727,379	15,959	15,491	81	73	39 723	354,214	1 899,636	5,363	4,895
32	24	97 844	15 161,639	240 640,462	15,872	15,404	82	74	36 112	303,788	1 545,422	5,087	4,619
33	25	97 749	14 289,505	225 478,823	15,779	15,311	83	75	32 498	257,912	1 241,633	4,814	4,346
34	26	97 656	13 467,873	211 189,318	15,681	15,213	84	76	28 905	216,411	983,721	4,546	4,078
35	27	97 551	12 691,883	197 721,446	15,579	15,111	85	77	25 347	179,032	767,310	4,286	3,818
36	28	97 441	11 960,023	185 029,563	15,471	15,003	86	78	21 837	145,508	588,278	4,043	3,575
37	29	97 327	11 269,820	173 069,539	15,357	14,889	87	79	18 459	116,034	442,770	3,816	3,348
38	30	97 204	10 618,459	161 799,719	15,238	14,770	88	80	15 245	90,408	326,735	3,614	3,146
39	31	97 073	10 003,883	151 181,259	15,112	14,644	89	81	12 384	69,284	236,327	3,411	2,943
40	32	96 927	9 423,474	141 177,376	14,981	14,513	90	82	9 836	51,917	167,043	3,217	2,750
41	33	96 762	8 874,874	131 753,902	14,846	14,378	91	83	7 702	38,349	115,126	3,002	2,534
42	34	96 583	8 357,062	122 879,028	14,704	14,236	92	84	5 803	27,258	76,777	2,817	2,349
43	35	96 388	7 868,112	114 521,966	14,555	14,087	93	85	4 206	18,640	49,519	2,657	2,189
44	36	96 162	7 405,316	106 653,854	14,402	13,934	94	86	2 946	12,318	30,880	2,507	2,039
45	37	95 912	6 968,029	99 248,538	14,243	13,775	95	87	1 988	7,842	18,562	2,367	1,899
46	38	95 631	6 554,312	92 280,510	14,079	13,611	96	88	1 281	4,767	10,720	2,249	1,781
47	39	95 311	6 162,646	85 726,197	13,911	13,443	97	89	793	2,785	5,952	2,137	1,669
48	40	94 949	5 791,758	79 563,551	13,737	13,269	98	90	470	1,555	3,167	2,036	1,568
49	41	94 547	5 440,746	73 771,793	13,559	13,091	99	91	267	0,834	1,612	1,932	1,464
							100	92	143	0,421	0,777	1,847	1,379

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	5 112,785	68 576,023	13,413	12,945
1							51	42	93 698	4 798,786	63 463,238	13,225	12,757
2							52	43	93 160	4 501,160	58 664,452	13,033	12,565
3							53	44	92 572	4 219,584	54 163,292	12,836	12,368
4							54	45	91 937	3 953,425	49 943,707	12,633	12,165
5							55	46	91 224	3 700,734	45 990,282	12,427	11,959
6							56	47	90 454	3 461,797	42 289,547	12,216	11,748
7							57	48	89 625	3 235,893	38 827,750	11,999	11,531
8							58	49	88 746	3 022,805	35 591,857	11,774	11,306
9	0	99 469	58 875,334	1 003 995,586	17,053	16,585	59	50	87 778	2 820,573	32 569,053	11,547	11,079
10	1	99 142	55 360,299	945 120,252	17,072	16,604	60	51	86 732	2 629,223	29 748,480	11,315	10,847
11	2	99 105	52 207,179	889 759,953	17,043	16,575	61	52	85 599	2 447,986	27 119,257	11,078	10,610
12	3	99 079	49 239,328	837 552,774	17,010	16,542	62	53	84 402	2 277,131	24 671,271	10,834	10,366
13	4	99 055	46 440,679	788 313,446	16,975	16,507	63	54	83 111	2 115,378	22 394,139	10,586	10,118
14	5	99 034	43 802,875	741 872,767	16,937	16,469	64	55	81 758	1 963,155	20 278,762	10,330	9,862
15	6	99 009	41 312,914	698 069,892	16,897	16,429	65	56	80 293	1 818,847	18 315,607	10,070	9,602
16	7	98 981	38 963,539	656 756,978	16,856	16,388	66	57	78 742	1 682,742	16 496,760	9,803	9,336
17	8	98 943	36 744,086	617 793,439	16,813	16,345	67	58	77 110	1 554,587	14 814,018	9,529	9,061
18	9	98 904	34 650,244	581 049,353	16,769	16,301	68	59	75 374	1 433,586	13 259,430	9,249	8,781
19	10	98 842	32 668,669	546 399,110	16,725	16,258	69	60	73 540	1 319,525	11 825,845	8,962	8,494
20	11	98 780	30 800,211	513 730,441	16,679	16,211	70	61	71 557	1 211,266	10 506,319	8,674	8,206
21	12	98 714	29 037,138	482 930,230	16,631	16,164	71	62	69 471	1 109,405	9 295,053	8,378	7,910
22	13	98 650	27 375,980	453 893,092	16,580	16,112	72	63	67 252	1 013,173	8 185,648	8,079	7,611
23	14	98 585	25 809,326	426 517,112	16,526	16,058	73	64	64 860	921,829	7 172,475	7,781	7,313
24	15	98 519	24 331,998	400 707,787	16,468	16,000	74	65	62 329	835,713	6 250,646	7,479	7,011
25	16	98 449	22 938,381	376 375,789	16,408	15,940	75	66	59 614	754,067	5 414,932	7,181	6,713
26	17	98 374	21 623,680	353 437,408	16,345	15,877	76	67	56 776	677,513	4 660,865	6,879	6,411
27	18	98 297	20 383,660	331 813,728	16,278	15,810	77	68	53 779	605,426	3 983,351	6,579	6,111
28	19	98 213	19 213,499	311 430,068	16,209	15,741	78	69	50 606	537,455	3 377,925	6,285	5,817
29	20	98 131	18 110,815	292 216,569	16,135	15,667	79	70	47 266	473,573	2 840,470	5,998	5,530
30	21	98 048	17 071,080	274 105,754	16,057	15,589	80	71	43 872	414,685	2 366,897	5,708	5,240
31	22	97 961	16 090,615	257 034,674	15,974	15,506	81	72	40 347	359,782	1 952,212	5,426	4,958
32	23	97 866	15 165,088	240 944,059	15,888	15,420	82	73	36 749	309,147	1 592,430	5,151	4,683
33	24	97 771	14 292,754	225 778,971	15,797	15,329	83	74	33 139	262,994	1 283,283	4,880	4,412
34	25	97 678	13 470,875	211 486,217	15,700	15,232	84	75	29 564	221,343	1 020,288	4,610	4,142
35	26	97 577	12 695,275	198 015,342	15,598	15,130	85	76	26 006	183,688	798,945	4,349	3,881
36	27	97 466	11 963,111	185 320,068	15,491	15,023	86	77	22 488	149,847	615,257	4,106	3,638
37	28	97 352	11 272,748	173 356,956	15,378	14,910	87	78	19 094	120,026	465,410	3,878	3,410
38	29	97 231	10 621,405	162 084,208	15,260	14,792	88	79	15 840	93,935	345,384	3,677	3,209
39	30	97 099	10 006,629	151 462,803	15,136	14,668	89	80	12 945	72,425	251,448	3,472	3,004
40	31	96 959	9 426,547	141 456,173	15,006	14,538	90	81	10 349	54,621	179,023	3,278	2,810
41	32	96 795	8 877,949	132 029,626	14,872	14,404	91	82	8 166	40,661	124,402	3,060	2,592
42	33	96 618	8 360,086	123 151,677	14,731	14,263	92	83	6 206	29,152	83,742	2,873	2,405
43	34	96 427	7 871,307	114 791,591	14,584	14,116	93	84	4 542	20,129	54,590	2,712	2,244
44	35	96 203	7 408,473	106 920,284	14,432	13,964	94	85	3 221	13,466	34,461	2,559	2,091
45	36	95 957	6 971,280	99 511,811	14,275	13,807	95	86	2 201	8,681	20,995	2,418	1,950
46	37	95 681	6 557,766	92 540,531	14,112	13,644	96	87	1 447	5,385	12,313	2,287	1,819
47	38	95 367	6 166,282	85 982,765	13,944	13,476	97	88	907	3,185	6,928	2,175	1,707
48	39	95 016	5 795,834	79 816,483	13,771	13,303	98	89	546	1,808	3,744	2,071	1,603
49	40	94 614	5 444,627	74 020,650	13,595	13,127	99	90	314	0,979	1,936	1,976	1,508
							100	91	173	0,509	0,956	1,878	1,410



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	5 116,432	68 799,952	13,447	12,979
1							51	41	93 776	4 802,777	63 683,520	13,260	12,792
2							52	42	93 248	4 505,422	58 880,742	13,069	12,601
3							53	43	92 670	4 224,043	54 375,321	12,873	12,405
4							54	44	92 041	3 957,901	50 151,277	12,671	12,203
5							55	45	91 348	3 705,747	46 193,376	12,465	11,997
6							56	46	90 595	3 467,174	42 487,630	12,254	11,786
7							57	47	89 781	3 241,518	39 020,455	12,038	11,570
8							58	48	88 911	3 028,416	35 778,937	11,814	11,346
9							59	49	87 962	2 826,486	32 750,521	11,587	11,119
10	0	99 460	55 538,000	945 663,558	17,027	16,559	60	50	86 935	2 635,380	29 924,035	11,355	10,887
11	1	99 133	52 222,028	890 125,558	17,045	16,577	61	51	85 812	2 454,099	27 288,654	11,120	10,652
12	2	99 095	49 247,267	837 903,530	17,014	16,546	62	52	84 636	2 283,458	24 834,555	10,876	10,408
13	3	99 069	46 447,339	788 656,263	16,980	16,512	63	53	83 364	2 121,826	22 551,097	10,628	10,160
14	4	99 046	43 808,125	742 208,924	16,942	16,474	64	54	82 019	1 969,430	20 429,271	10,373	9,905
15	5	99 018	41 316,652	698 400,799	16,904	16,436	65	55	80 583	1 825,414	18 459,841	10,113	9,645
16	6	98 989	38 966,663	657 084,147	16,863	16,395	66	56	79 041	1 689,149	16 634,427	9,848	9,380
17	7	98 952	36 747,156	618 117,484	16,821	16,353	67	57	77 429	1 561,029	14 945,278	9,574	9,106
18	8	98 910	34 652,396	581 370,329	16,777	16,309	68	58	75 719	1 440,152	13 384,250	9,294	8,826
19	9	98 849	32 670,743	546 717,933	16,734	16,266	69	59	73 893	1 325,861	11 944,097	9,009	8,541
20	10	98 788	30 802,692	514 047,190	16,688	16,220	70	60	71 950	1 217,925	10 618,236	8,718	8,250
21	11	98 721	29 039,444	483 244,498	16,641	16,173	71	61	69 869	1 115,749	9 400,311	8,425	7,957
22	12	98 658	27 378,079	454 205,053	16,590	16,122	72	62	67 677	1 019,571	8 284,562	8,126	7,658
23	13	98 595	25 811,865	426 826,975	16,536	16,068	73	63	65 296	928,018	7 264,991	7,829	7,361
24	14	98 531	24 335,011	401 015,110	16,479	16,011	74	64	62 781	841,771	6 336,974	7,528	7,060
25	15	98 462	22 941,490	376 680,099	16,419	15,951	75	65	60 079	759,951	5 495,203	7,231	6,763
26	16	98 390	21 627,156	353 738,609	16,356	15,888	76	66	57 246	683,129	4 735,252	6,932	6,464
27	17	98 314	20 387,239	332 111,452	16,290	15,822	77	67	54 269	610,937	4 052,123	6,633	6,165
28	18	98 235	19 217,697	311 724,213	16,221	15,753	78	68	51 106	542,772	3 441,186	6,340	5,872
29	19	98 153	18 114,710	292 506,516	16,147	15,679	79	69	47 790	478,824	2 898,415	6,053	5,585
30	20	98 068	17 074,682	274 391,805	16,070	15,602	80	70	44 403	419,700	2 419,591	5,765	5,297
31	21	97 982	16 094,094	257 317,123	15,988	15,520	81	71	40 893	364,648	1 999,891	5,484	5,016
32	22	97 889	15 168,574	241 223,030	15,903	15,435	82	72	37 327	314,007	1 635,243	5,208	4,740
33	23	97 793	14 296,006	226 054,456	15,812	15,344	83	73	33 723	267,634	1 321,236	4,937	4,469
34	24	97 700	13 473,938	211 758,450	15,716	15,248	84	74	30 146	225,705	1 053,603	4,668	4,200
35	25	97 599	12 698,104	198 284,512	15,615	15,147	85	75	26 599	187,874	827,898	4,407	3,939
36	26	97 493	11 966,308	185 586,408	15,509	15,041	86	76	23 073	153,744	640,024	4,163	3,695
37	27	97 378	11 275,659	173 620,099	15,398	14,930	87	77	19 663	123,605	486,280	3,934	3,466
38	28	97 256	10 624,165	162 344,440	15,281	14,813	88	78	16 385	97,167	362,674	3,732	3,265
39	29	97 126	10 009,406	151 720,275	15,158	14,690	89	79	13 450	75,251	265,507	3,528	3,060
40	30	96 985	9 429,135	141 710,870	15,029	14,561	90	80	10 818	57,097	190,257	3,332	2,864
41	31	96 827	8 880,844	132 281,735	14,895	14,427	91	81	8 591	42,778	133,159	3,113	2,645
42	32	96 651	8 362,983	123 400,891	14,756	14,288	92	82	6 580	30,910	90,381	2,924	2,456
43	33	96 462	7 874,155	115 037,908	14,610	14,142	93	83	4 858	21,527	59,472	2,763	2,295
44	34	96 242	7 411,481	107 163,752	14,459	13,991	94	84	3 478	14,542	37,944	2,609	2,141
45	35	95 998	6 974,252	99 752,272	14,303	13,835	95	85	2 406	9,491	23,402	2,466	1,998
46	36	95 726	6 560,826	92 778,020	14,141	13,673	96	86	1 602	5,961	13,911	2,334	1,866
47	37	95 417	6 169,531	86 217,194	13,975	13,507	97	87	1 025	3,597	7,950	2,210	1,742
48	38	95 072	5 799,253	80 047,663	13,803	13,335	98	88	624	2,067	4,353	2,106	1,638
49	39	94 681	5 448,458	74 248,410	13,627	13,159	99	89	364	1,139	2,286	2,007	1,539
							100	90	203	0,598	1,147	1,919	1,451

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	5 120,033	69 004,863	13,477	13,009
1							51	40	93 843	4 806,203	63 884,830	13,292	12,824
2							52	41	93 326	4 509,169	59 078,627	13,102	12,634
3							53	42	92 758	4 228,043	54 569,458	12,907	12,439
4							54	43	92 138	3 962,083	50 341,416	12,706	12,238
5							55	44	91 451	3 709,942	46 379,332	12,501	12,033
6							56	45	90 718	3 471,870	42 669,391	12,290	11,822
7							57	46	89 920	3 246,554	39 197,520	12,074	11,606
8							58	47	89 066	3 033,681	35 950,967	11,851	11,383
9							59	48	88 125	2 831,733	32 917,286	11,624	11,156
10							60	49	87 117	2 640,905	30 085,553	11,392	10,924
11	0	99 451	52 389,654	890 628,028	17,000	16,532	61	50	86 013	2 459,846	27 444,647	11,157	10,689
12	1	99 123	49 261,274	838 238,374	17,016	16,548	62	51	84 848	2 289,160	24 984,801	10,914	10,446
13	2	99 085	46 454,828	788 977,100	16,984	16,516	63	52	83 596	2 127,722	22 695,641	10,667	10,199
14	3	99 060	43 814,408	742 522,272	16,947	16,479	64	53	82 269	1 975,433	20 567,919	10,412	9,944
15	4	99 030	41 321,604	698 707,865	16,909	16,441	65	54	80 840	1 831,249	18 592,486	10,153	9,685
16	5	98 998	38 970,188	657 386,260	16,869	16,401	66	55	79 327	1 695,248	16 761,237	9,887	9,419
17	6	98 960	36 750,102	618 416,072	16,828	16,360	67	56	77 724	1 566,972	15 065,989	9,615	9,147
18	7	98 918	34 655,291	581 665,970	16,784	16,316	68	57	76 033	1 446,119	13 499,018	9,335	8,867
19	8	98 855	32 672,772	547 010,679	16,742	16,274	69	58	74 231	1 331,934	12 052,898	9,049	8,581
20	9	98 795	30 804,648	514 337,907	16,697	16,229	70	59	72 296	1 223,773	10 720,964	8,761	8,293
21	10	98 729	29 041,784	483 533,259	16,650	16,182	71	60	70 253	1 121,883	9 497,191	8,465	7,997
22	11	98 666	27 380,253	454 491,475	16,599	16,131	72	61	68 064	1 025,401	8 375,308	8,168	7,700
23	12	98 602	25 813,844	427 111,222	16,546	16,078	73	62	65 708	933,878	7 349,907	7,870	7,402
24	13	98 541	24 337,405	401 297,378	16,489	16,021	74	63	63 202	847,422	6 416,030	7,571	7,103
25	14	98 474	22 944,331	376 959,973	16,429	15,961	75	64	60 515	765,459	5 568,608	7,275	6,807
26	15	98 404	21 630,089	354 015,642	16,367	15,899	76	65	57 693	688,459	4 803,148	6,977	6,509
27	16	98 330	20 390,517	332 385,554	16,301	15,833	77	66	54 718	616,000	4 114,690	6,680	6,212
28	17	98 252	19 221,071	311 995,037	16,232	15,764	78	67	51 571	547,712	3 498,689	6,388	5,920
29	18	98 174	18 118,668	292 773,965	16,159	15,691	79	68	48 263	483,561	2 950,978	6,103	5,635
30	19	98 089	17 078,355	274 655,297	16,082	15,614	80	69	44 895	424,354	2 467,417	5,815	5,347
31	20	98 003	16 097,490	257 576,942	16,001	15,533	81	70	41 387	369,057	2 043,063	5,536	5,068
32	21	97 910	15 171,853	241 479,452	15,916	15,448	82	71	37 832	318,253	1 674,005	5,260	4,792
33	22	97 816	14 299,292	226 307,599	15,826	15,359	83	72	34 253	271,841	1 355,752	4,987	4,519
34	23	97 722	13 477,003	212 008,307	15,731	15,263	84	73	30 678	229,686	1 083,912	4,719	4,251
35	24	97 621	12 700,992	198 531,304	15,631	15,163	85	74	27 123	191,576	854,225	4,459	3,991
36	25	97 514	11 968,975	185 830,312	15,526	15,058	86	75	23 599	157,248	662,649	4,214	3,746
37	26	97 404	11 278,672	173 861,336	15,415	14,947	87	76	20 174	126,820	505,401	3,985	3,517
38	27	97 281	10 626,908	162 582,664	15,299	14,831	88	77	16 873	100,064	378,582	3,783	3,315
39	28	97 152	10 012,006	151 955,756	15,177	14,709	89	78	13 913	77,840	278,517	3,578	3,110
40	29	97 012	9 431,751	141 943,750	15,050	14,582	90	79	11 240	59,325	200,678	3,383	2,915
41	30	96 853	8 883,282	132 511,999	14,917	14,449	91	80	8 981	44,718	141,353	3,161	2,693
42	31	96 683	8 365,710	123 628,717	14,778	14,310	92	81	6 923	32,519	96,635	2,972	2,504
43	32	96 495	7 876,884	115 263,007	14,633	14,165	93	82	5 151	22,825	64,116	2,809	2,341
44	33	96 276	7 414,163	107 386,123	14,484	14,016	94	83	3 720	15,553	41,291	2,655	2,187
45	34	96 037	6 977,083	99 971,960	14,329	13,861	95	84	2 599	10,249	25,738	2,511	2,043
46	35	95 766	6 563,623	92 994,877	14,168	13,700	96	85	1 751	6,517	15,489	2,377	1,909
47	36	95 462	6 172,410	86 431,254	14,003	13,535	97	86	1 134	3,982	8,972	2,253	1,785
48	37	95 122	5 802,309	80 258,844	13,832	13,364	98	87	705	2,335	4,990	2,137	1,669
49	38	94 736	5 451,673	74 456,536	13,658	13,190	99	88	417	1,302	2,655	2,039	1,571
							100	89	236	0,695	1,353	1,947	1,479

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	5 123,053	69 192,078	13,506	13,038
1							51	39	93 909	4 809,585	64 069,025	13,321	12,853
2							52	40	93 392	4 512,385	59 259,439	13,133	12,665
3							53	41	92 835	4 231,559	54 747,054	12,938	12,470
4							54	42	92 226	3 965,835	50 515,495	12,738	12,270
5							55	43	91 548	3 713,862	46 549,660	12,534	12,066
6							56	44	90 820	3 475,801	42 835,798	12,324	11,856
7							57	45	90 042	3 250,951	39 359,997	12,107	11,639
8							58	46	89 204	3 038,393	36 109,047	11,884	11,416
9							59	47	88 278	2 836,656	33 070,654	11,658	11,190
10							60	48	87 279	2 645,808	30 233,998	11,427	10,959
11							61	49	86 194	2 465,003	27 588,190	11,192	10,724
12	0	99 442	49 419,397	838 703,155	16,971	16,503	62	50	85 046	2 294,521	25 123,186	10,949	10,481
13	1	99 113	46 468,040	789 283,758	16,986	16,518	63	51	83 805	2 133,035	22 828,665	10,702	10,234
14	2	99 076	43 821,472	742 815,718	16,951	16,483	64	52	82 498	1 980,922	20 695,630	10,447	9,980
15	3	99 044	41 327,530	698 994,246	16,914	16,446	65	53	81 087	1 836,831	18 714,708	10,189	9,721
16	4	99 010	38 974,859	657 666,715	16,874	16,406	66	54	79 580	1 700,666	16 877,877	9,924	9,456
17	5	98 969	36 753,427	618 691,856	16,834	16,366	67	55	78 004	1 572,630	15 177,211	9,651	9,183
18	6	98 926	34 658,070	581 938,429	16,791	16,323	68	56	76 323	1 451,625	13 604,581	9,372	8,904
19	7	98 863	32 675,502	547 280,360	16,749	16,281	69	57	74 539	1 337,453	12 152,956	9,087	8,619
20	8	98 801	30 806,562	514 604,858	16,704	16,236	70	58	72 627	1 229,379	10 815,503	8,798	8,330
21	9	98 736	29 043,628	483 798,296	16,658	16,190	71	59	70 590	1 127,269	9 586,125	8,504	8,036
22	10	98 674	27 382,459	454 754,668	16,608	16,140	72	60	68 438	1 031,038	8 458,855	8,204	7,736
23	11	98 610	25 815,894	427 372,209	16,555	16,087	73	61	66 084	939,217	7 427,817	7,909	7,441
24	12	98 548	24 339,270	401 556,315	16,498	16,030	74	62	63 602	852,773	6 488,600	7,609	7,141
25	13	98 484	22 946,588	377 217,045	16,439	15,971	75	63	60 921	770,598	5 635,827	7,314	6,846
26	14	98 416	21 632,767	354 270,457	16,377	15,909	76	64	58 111	693,449	4 865,228	7,016	6,548
27	15	98 343	20 393,282	332 637,690	16,311	15,843	77	65	55 145	620,807	4 171,780	6,720	6,252
28	16	98 268	19 224,162	312 244,408	16,242	15,774	78	66	51 999	552,251	3 550,973	6,430	5,962
29	17	98 191	18 121,849	293 020,247	16,169	15,701	79	67	48 702	487,962	2 998,722	6,145	5,677
30	18	98 111	17 082,086	274 898,397	16,093	15,625	80	68	45 339	428,552	2 510,760	5,859	5,391
31	19	98 024	16 100,953	257 816,311	16,012	15,545	81	69	41 846	373,150	2 082,208	5,580	5,112
32	20	97 930	15 175,055	241 715,359	15,928	15,461	82	70	38 289	322,102	1 709,058	5,306	4,838
33	21	97 837	14 302,383	226 540,304	15,839	15,371	83	71	34 716	275,517	1 386,956	5,034	4,566
34	22	97 745	13 480,101	212 237,920	15,745	15,277	84	72	31 160	233,297	1 111,440	4,764	4,296
35	23	97 643	12 703,882	198 757,819	15,645	15,177	85	73	27 602	194,956	878,143	4,504	4,036
36	24	97 536	11 971,697	186 053,938	15,541	15,073	86	74	24 064	160,346	683,187	4,261	3,793
37	25	97 425	11 281,186	174 082,240	15,431	14,963	87	75	20 634	129,710	522,841	4,031	3,563
38	26	97 307	10 629,748	162 801,054	15,316	14,848	88	76	17 312	102,667	393,131	3,829	3,361
39	27	97 177	10 014,591	152 171,306	15,195	14,727	89	77	14 328	80,161	290,464	3,624	3,156
40	28	97 038	9 434,201	142 156,715	15,068	14,600	90	78	11 627	61,366	210,304	3,427	2,959
41	29	96 880	8 885,747	132 722,514	14,937	14,469	91	79	9 331	46,462	148,938	3,206	2,738
42	30	96 709	8 368,007	123 836,767	14,799	14,331	92	80	7 237	33,994	102,476	3,015	2,547
43	31	96 527	7 879,452	115 468,760	14,654	14,186	93	81	5 419	24,014	68,482	2,852	2,384
44	32	96 310	7 416,732	107 589,308	14,506	14,038	94	82	3 944	16,490	44,468	2,697	2,229
45	33	96 072	6 979,608	100 172,576	14,352	13,884	95	83	2 779	10,961	27,978	2,552	2,084
46	34	95 805	6 566,288	93 192,968	14,193	13,725	96	84	1 891	7,037	17,017	2,418	1,950
47	35	95 503	6 175,041	86 626,680	14,029	13,561	97	85	1 240	4,354	9,979	2,292	1,824
48	36	95 167	5 805,016	80 451,639	13,859	13,391	98	86	781	2,585	5,626	2,176	1,708
49	37	94 786	5 454,545	74 646,623	13,685	13,217	99	87	471	1,471	3,041	2,068	1,600
							100	88	270	0,795	1,570	1,976	1,508

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	5 125,753	69 363,044	13,532	13,064
1							51	38	93 964	4 812,423	64 237,291	13,348	12,880
2							52	39	93 458	4 515,561	59 424,868	13,160	12,692
3							53	40	92 901	4 234,577	54 909,307	12,967	12,499
4							54	41	92 302	3 969,133	50 674,730	12,767	12,299
5							55	42	91 635	3 717,378	46 705,597	12,564	12,096
6							56	43	90 916	3 479,474	42 988,219	12,355	11,887
7							57	44	90 144	3 254,631	39 508,745	12,139	11,671
8							58	45	89 325	3 042,508	36 254,114	11,916	11,448
9							59	46	88 415	2 841,062	33 211,606	11,690	11,222
10							60	47	87 431	2 650,407	30 370,543	11,459	10,991
11							61	48	86 354	2 469,579	27 720,136	11,225	10,757
12							62	49	85 225	2 299,331	25 250,556	10,982	10,514
13	0	99 431	46 617,197	789 713,758	16,940	16,472	63	50	84 001	2 138,030	22 951,225	10,735	10,267
14	1	99 104	43 833,936	743 096,560	16,953	16,485	64	51	82 704	1 985,868	20 813,195	10,481	10,013
15	2	99 060	41 334,194	699 262,625	16,917	16,449	65	52	81 312	1 841,935	18 827,326	10,221	9,754
16	3	99 024	38 980,448	657 928,431	16,878	16,410	66	53	79 823	1 705,851	16 985,391	9,957	9,489
17	4	98 980	36 757,832	618 947,982	16,839	16,371	67	54	78 254	1 577,656	15 279,541	9,685	9,217
18	5	98 935	34 661,205	582 190,150	16,797	16,329	68	55	76 598	1 456,866	13 701,885	9,405	8,937
19	6	98 871	32 678,122	547 528,945	16,755	16,287	69	56	74 823	1 342,545	12 245,018	9,121	8,653
20	7	98 809	30 809,135	514 850,823	16,711	16,243	70	57	72 928	1 234,472	10 902,473	8,832	8,364
21	8	98 742	29 045,432	484 041,688	16,665	16,197	71	58	70 914	1 132,433	9 668,001	8,537	8,069
22	9	98 680	27 384,198	454 996,256	16,615	16,147	72	59	68 767	1 035,989	8 535,568	8,239	7,771
23	10	98 618	25 817,974	427 612,058	16,563	16,095	73	60	66 447	944,381	7 499,579	7,941	7,473
24	11	98 556	24 341,204	401 794,084	16,507	16,039	74	61	63 965	857,649	6 555,198	7,643	7,175
25	12	98 491	22 948,347	377 452,881	16,448	15,980	75	62	61 306	775,464	5 697,549	7,347	6,879
26	13	98 425	21 634,895	354 504,533	16,386	15,918	76	63	58 501	698,104	4 922,085	7,051	6,583
27	14	98 356	20 395,807	332 869,638	16,320	15,853	77	64	55 545	625,306	4 223,981	6,755	6,287
28	15	98 281	19 226,768	312 473,832	16,252	15,784	78	65	52 405	556,560	3 598,675	6,466	5,998
29	16	98 207	18 124,763	293 247,064	16,179	15,711	79	66	49 106	492,006	3 042,114	6,183	5,715
30	17	98 128	17 085,085	275 122,301	16,103	15,635	80	67	45 752	432,452	2 550,108	5,897	5,429
31	18	98 046	16 104,470	258 037,215	16,023	15,555	81	68	42 260	376,841	2 117,656	5,619	5,152
32	19	97 952	15 178,319	241 932,745	15,939	15,471	82	69	38 714	325,674	1 740,815	5,345	4,877
33	20	97 857	14 305,402	226 754,426	15,851	15,383	83	70	35 136	278,848	1 415,141	5,075	4,607
34	21	97 766	13 483,015	212 449,024	15,757	15,289	84	71	31 582	236,452	1 136,293	4,806	4,338
35	22	97 666	12 706,802	198 966,009	15,658	15,190	85	72	28 036	198,020	899,841	4,544	4,076
36	23	97 559	11 974,421	186 259,207	15,555	15,087	86	73	24 488	163,175	701,821	4,301	3,833
37	24	97 447	11 283,752	174 284,786	15,446	14,978	87	74	21 041	132,266	538,646	4,072	3,604
38	25	97 329	10 632,117	163 001,035	15,331	14,863	88	75	17 706	105,006	406,380	3,870	3,402
39	26	97 203	10 017,267	152 368,918	15,211	14,743	89	76	14 701	82,245	301,374	3,664	3,196
40	27	97 063	9 436,637	142 351,650	15,085	14,617	90	77	11 973	63,196	219,128	3,467	2,999
41	28	96 905	8 888,055	132 915,013	14,954	14,486	91	78	9 652	48,061	155,933	3,244	2,777
42	29	96 736	8 370,328	124 026,958	14,817	14,349	92	79	7 519	35,320	107,872	3,054	2,586
43	30	96 553	7 881,616	115 656,629	14,674	14,206	93	80	5 665	25,103	72,552	2,890	2,422
44	31	96 341	7 419,151	107 775,014	14,527	14,059	94	81	4 150	17,349	47,449	2,735	2,267
45	32	96 105	6 982,027	100 355,863	14,373	13,905	95	82	2 947	11,622	30,100	2,590	2,122
46	33	95 840	6 568,664	93 373,837	14,215	13,747	96	83	2 023	7,526	18,478	2,455	1,987
47	34	95 541	6 177,548	86 805,173	14,052	13,584	97	84	1 339	4,701	10,952	2,329	1,862
48	35	95 207	5 807,491	80 627,625	13,883	13,415	98	85	853	2,826	6,250	2,212	1,744
49	36	94 831	5 457,090	74 820,134	13,711	13,243	99	86	521	1,628	3,425	2,104	1,636
							100	87	305	0,898	1,797	2,002	1,534

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	5 128,144	69 519,081	13,556	13,088
1							51	37	94 014	4 814,959	64 390,936	13,373	12,905
2							52	38	93 513	4 518,225	59 575,978	13,186	12,718
3							53	39	92 966	4 237,557	55 057,753	12,993	12,525
4							54	40	92 368	3 971,964	50 820,195	12,795	12,327
5							55	41	91 711	3 720,470	46 848,231	12,592	12,124
6							56	42	91 002	3 482,768	43 127,761	12,383	11,915
7							57	43	90 239	3 258,070	39 644,993	12,168	11,700
8							58	44	89 426	3 045,953	36 386,923	11,946	11,478
9							59	45	88 535	2 844,910	33 340,970	11,720	11,252
10							60	46	87 567	2 654,524	30 496,060	11,488	11,020
11							61	47	86 504	2 473,873	27 841,536	11,254	10,786
12							62	48	85 383	2 303,600	25 367,663	11,012	10,544
13							63	49	84 177	2 142,513	23 064,063	10,765	10,297
14	0	99 422	43 974,638	743 494,464	16,907	16,439	64	50	82 898	1 990,519	20 921,550	10,511	10,043
15	1	99 088	41 345,950	699 519,827	16,919	16,451	65	51	81 515	1 846,534	18 931,031	10,252	9,784
16	2	99 040	38 986,734	658 173,877	16,882	16,414	66	52	80 045	1 710,590	17 084,497	9,987	9,520
17	3	98 995	36 763,104	619 187,143	16,843	16,375	67	53	78 492	1 582,466	15 373,907	9,715	9,247
18	4	98 947	34 665,360	582 424,040	16,801	16,333	68	54	76 843	1 461,523	13 791,441	9,436	8,968
19	5	98 880	32 681,078	547 758,680	16,761	16,293	69	55	75 093	1 347,392	12 329,918	9,151	8,683
20	6	98 817	30 811,606	515 077,602	16,717	16,249	70	56	73 205	1 239,172	10 982,526	8,863	8,395
21	7	98 750	29 047,859	484 265,996	16,671	16,203	71	57	71 207	1 137,125	9 743,353	8,568	8,100
22	8	98 686	27 385,899	455 218,137	16,622	16,154	72	58	69 082	1 040,734	8 606,228	8,269	7,801
23	9	98 624	25 819,613	427 832,239	16,570	16,102	73	59	66 766	948,915	7 565,494	7,973	7,505
24	10	98 564	24 343,165	402 012,626	16,514	16,046	74	60	64 317	862,364	6 616,579	7,673	7,205
25	11	98 499	22 950,170	377 669,461	16,456	15,988	75	61	61 656	779,898	5 754,215	7,378	6,910
26	12	98 433	21 636,553	354 719,291	16,394	15,926	76	62	58 871	702,512	4 974,317	7,081	6,613
27	13	98 365	20 397,813	333 082,738	16,329	15,861	77	63	55 918	629,504	4 271,804	6,786	6,318
28	14	98 293	19 229,149	312 684,924	16,261	15,793	78	64	52 784	560,594	3 642,300	6,497	6,029
29	15	98 220	18 127,220	293 455,776	16,189	15,721	79	65	49 489	495,845	3 081,706	6,215	5,747
30	16	98 144	17 087,832	275 328,555	16,113	15,645	80	66	46 131	436,037	2 585,861	5,930	5,462
31	17	98 063	16 107,298	258 240,723	16,033	15,565	81	67	42 645	380,271	2 149,824	5,653	5,185
32	18	97 973	15 181,635	242 133,425	15,949	15,481	82	68	39 097	328,895	1 769,553	5,380	4,912
33	19	97 878	14 308,479	226 951,790	15,861	15,393	83	69	35 526	281,941	1 440,658	5,110	4,642
34	20	97 786	13 485,861	212 643,311	15,768	15,300	84	70	31 964	239,311	1 158,717	4,842	4,374
35	21	97 687	12 709,549	199 157,450	15,670	15,202	85	71	28 415	200,698	919,406	4,581	4,113
36	22	97 581	11 977,173	186 447,902	15,567	15,099	86	72	24 873	165,740	718,708	4,336	3,868
37	23	97 470	11 286,319	174 470,728	15,459	14,991	87	73	21 412	134,599	552,968	4,108	3,640
38	24	97 351	10 634,535	163 184,410	15,345	14,877	88	74	18 055	107,075	418,369	3,907	3,439
39	25	97 224	10 019,500	152 549,875	15,225	14,757	89	75	15 036	84,120	311,294	3,701	3,233
40	26	97 089	9 439,159	142 530,375	15,100	14,632	90	76	12 285	64,839	227,174	3,504	3,036
41	27	96 930	8 890,350	133 091,216	14,970	14,502	91	77	9 940	49,494	162,335	3,280	2,812
42	28	96 761	8 372,503	124 200,866	14,834	14,366	92	78	7 778	36,535	112,841	3,089	2,621
43	29	96 580	7 883,802	115 828,363	14,692	14,224	93	79	5 886	26,082	76,306	2,926	2,458
44	30	96 368	7 421,187	107 944,560	14,545	14,077	94	80	4 338	18,136	50,224	2,769	2,301
45	31	96 136	6 984,304	100 523,373	14,393	13,925	95	81	3 100	12,227	32,089	2,624	2,156
46	32	95 873	6 570,940	93 539,069	14,235	13,767	96	82	2 145	7,980	19,861	2,489	2,021
47	33	95 576	6 179,784	86 968,130	14,073	13,605	97	83	1 432	5,028	11,881	2,363	1,895
48	34	95 246	5 809,848	80 788,346	13,905	13,437	98	84	922	3,052	6,853	2,246	1,778
49	35	94 871	5 459,417	74 978,497	13,734	13,266	99	85	570	1,780	3,801	2,136	1,668
							100	86	337	0,994	2,022	2,035	1,567

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	5 130,331	69 661,479	13,578	13,110
1							51	36	94 058	4 817,205	64 531,148	13,396	12,928
2							52	37	93 562	4 520,606	59 713,943	13,209	12,741
3							53	38	93 021	4 240,057	55 193,338	13,017	12,549
4							54	39	92 433	3 974,760	50 953,280	12,819	12,351
5							55	40	91 776	3 723,124	46 978,521	12,618	12,150
6							56	41	91 078	3 485,665	43 255,397	12,410	11,942
7							57	42	90 325	3 261,155	39 769,732	12,195	11,727
8							58	43	89 520	3 049,171	36 508,577	11,973	11,505
9							59	44	88 635	2 848,131	33 459,406	11,748	11,280
10							60	45	87 685	2 658,120	30 611,275	11,516	11,048
11							61	46	86 638	2 477,715	27 953,155	11,282	10,814
12							62	47	85 531	2 307,605	25 475,440	11,040	10,572
13							63	48	84 333	2 146,490	23 167,835	10,793	10,325
14							64	49	83 071	1 994,692	21 021,345	10,539	10,071
15	0	99 406	41 478,666	699 888,098	16,873	16,405	65	50	81 706	1 850,859	19 026,653	10,280	9,812
16	1	99 068	38 997,822	658 409,433	16,883	16,415	66	51	80 245	1 714,862	17 175,795	10,016	9,548
17	2	99 011	36 769,031	619 411,611	16,846	16,378	67	52	78 710	1 586,863	15 460,933	9,743	9,275
18	3	98 961	34 670,331	582 642,580	16,805	16,337	68	53	77 077	1 465,978	13 874,070	9,464	8,996
19	4	98 892	32 684,995	547 972,248	16,765	16,297	69	54	75 333	1 351,699	12 408,092	9,180	8,712
20	5	98 826	30 814,393	515 287,253	16,722	16,254	70	55	73 470	1 243,647	11 056,393	8,890	8,422
21	6	98 758	29 050,188	484 472,860	16,677	16,209	71	56	71 478	1 141,454	9 812,747	8,597	8,129
22	7	98 694	27 388,187	455 422,672	16,628	16,160	72	57	69 368	1 045,046	8 671,292	8,298	7,830
23	8	98 631	25 821,217	428 034,485	16,577	16,109	73	58	67 072	953,262	7 626,246	8,000	7,532
24	9	98 570	24 344,710	402 213,268	16,522	16,054	74	59	64 626	866,505	6 672,984	7,701	7,233
25	10	98 507	22 952,019	377 868,558	16,463	15,995	75	60	61 995	784,186	5 806,479	7,404	6,937
26	11	98 441	21 638,272	354 916,539	16,402	15,934	76	61	59 207	706,529	5 022,293	7,108	6,640
27	12	98 373	20 399,377	333 278,267	16,338	15,870	77	62	56 271	633,479	4 315,764	6,813	6,345
28	13	98 303	19 231,040	312 878,890	16,269	15,802	78	63	53 139	564,358	3 682,285	6,525	6,057
29	14	98 232	18 129,465	293 647,850	16,197	15,729	79	64	49 848	499,439	3 117,927	6,243	5,775
30	15	98 157	17 090,149	275 518,385	16,121	15,654	80	65	46 491	439,439	2 618,488	5,959	5,491
31	16	98 079	16 109,888	258 428,236	16,042	15,574	81	66	42 998	383,423	2 179,049	5,683	5,215
32	17	97 990	15 184,301	242 318,348	15,958	15,491	82	67	39 452	331,889	1 795,627	5,410	4,942
33	18	97 900	14 311,605	227 134,048	15,871	15,403	83	68	35 877	284,730	1 463,738	5,141	4,673
34	19	97 807	13 488,762	212 822,443	15,778	15,310	84	69	32 318	241,965	1 179,008	4,873	4,405
35	20	97 707	12 712,231	199 333,681	15,680	15,212	85	70	28 758	203,125	937,043	4,613	4,145
36	21	97 602	11 979,763	186 621,450	15,578	15,110	86	71	25 210	167,981	733,918	4,369	3,901
37	22	97 492	11 288,913	174 641,688	15,470	15,002	87	72	21 748	136,715	565,937	4,140	3,672
38	23	97 373	10 636,954	163 352,775	15,357	14,889	88	73	18 374	108,964	429,222	3,939	3,471
39	24	97 246	10 021,779	152 715,821	15,238	14,770	89	74	15 332	85,777	320,258	3,734	3,266
40	25	97 110	9 441,263	142 694,042	15,114	14,646	90	75	12 565	66,317	234,481	3,536	3,068
41	26	96 956	8 892,726	133 252,779	14,984	14,517	91	76	10 198	50,781	168,164	3,312	2,844
42	27	96 786	8 374,665	124 360,053	14,850	14,382	92	77	8 010	37,624	117,383	3,120	2,652
43	28	96 605	7 885,850	115 985,388	14,708	14,240	93	78	6 088	26,979	79,759	2,956	2,488
44	29	96 394	7 423,246	108 099,538	14,562	14,094	94	79	4 507	18,843	52,779	2,801	2,333
45	30	96 163	6 986,221	100 676,292	14,411	13,943	95	80	3 241	12,782	33,936	2,655	2,187
46	31	95 904	6 573,083	93 690,071	14,254	13,786	96	81	2 256	8,396	21,154	2,520	2,052
47	32	95 609	6 181,925	87 116,988	14,092	13,624	97	82	1 519	5,331	12,759	2,393	1,925
48	33	95 280	5 811,951	80 935,063	13,926	13,458	98	83	986	3,264	7,427	2,276	1,808
49	34	94 910	5 461,633	75 123,112	13,755	13,287	99	84	615	1,922	4,164	2,166	1,698
							100	85	369	1,086	2,242	2,064	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	5 132,413	69 791,503	13,598	13,130
1							51	35	94 098	4 819,259	64 659,090	13,417	12,949
2							52	36	93 606	4 522,715	59 839,831	13,231	12,763
3							53	37	93 070	4 242,292	55 317,116	13,039	12,571
4							54	38	92 488	3 977,104	51 074,825	12,842	12,374
5							55	39	91 841	3 725,744	47 097,720	12,641	12,173
6							56	40	91 143	3 488,151	43 371,976	12,434	11,966
7							57	41	90 400	3 263,867	39 883,825	12,220	11,752
8							58	42	89 605	3 052,058	36 619,958	11,998	11,530
9							59	43	88 729	2 851,140	33 567,900	11,773	11,306
10							60	44	87 784	2 661,129	30 716,759	11,543	11,075
11							61	45	86 755	2 481,071	28 055,630	11,308	10,840
12							62	46	85 664	2 311,189	25 574,559	11,066	10,598
13							63	47	84 480	2 150,222	23 263,370	10,819	10,351
14							64	48	83 226	1 998,395	21 113,148	10,565	10,097
15							65	49	81 877	1 854,739	19 114,753	10,306	9,838
16	0	99 386	39 123,001	658 750,347	16,838	16,370	66	50	80 433	1 718,878	17 260,014	10,041	9,573
17	1	99 039	36 779,489	619 627,346	16,847	16,379	67	51	78 907	1 590,825	15 541,137	9,769	9,301
18	2	98 977	34 675,921	582 847,857	16,808	16,340	68	52	77 291	1 470,052	13 950,312	9,490	9,022
19	3	98 906	32 689,683	548 171,936	16,769	16,301	69	53	75 563	1 355,819	12 480,260	9,205	8,737
20	4	98 838	30 818,087	515 482,253	16,727	16,259	70	54	73 704	1 247,622	11 124,441	8,917	8,449
21	5	98 767	29 052,816	484 664,167	16,682	16,214	71	55	71 737	1 145,576	9 876,819	8,622	8,154
22	6	98 702	27 390,383	455 611,351	16,634	16,166	72	56	69 632	1 049,025	8 731,243	8,323	7,855
23	7	98 639	25 823,374	428 220,968	16,583	16,115	73	57	67 350	957,212	7 682,218	8,026	7,558
24	8	98 576	24 346,222	402 397,594	16,528	16,060	74	58	64 922	870,474	6 725,007	7,726	7,258
25	9	98 513	22 953,476	378 051,371	16,470	16,002	75	59	62 293	787,951	5 854,533	7,430	6,962
26	10	98 449	21 640,015	355 097,895	16,409	15,941	76	60	59 533	710,414	5 066,582	7,132	6,664
27	11	98 381	20 400,997	333 457,880	16,345	15,877	77	61	56 593	637,101	4 356,168	6,837	6,370
28	12	98 311	19 232,515	313 056,883	16,277	15,810	78	62	53 474	567,921	3 719,066	6,549	6,081
29	13	98 242	18 131,248	293 824,368	16,205	15,737	79	63	50 182	502,792	3 151,145	6,267	5,799
30	14	98 169	17 092,265	275 693,120	16,130	15,662	80	64	46 828	442,624	2 648,353	5,983	5,515
31	15	98 092	16 112,072	258 600,855	16,050	15,582	81	65	43 334	386,414	2 205,729	5,708	5,240
32	16	98 006	15 186,742	242 488,783	15,967	15,499	82	66	39 779	334,639	1 819,315	5,437	4,969
33	17	97 917	14 314,118	227 302,041	15,880	15,412	83	67	36 204	287,321	1 484,676	5,167	4,699
34	18	97 829	13 491,709	212 987,923	15,787	15,319	84	68	32 638	244,358	1 197,354	4,900	4,432
35	19	97 728	12 714,965	199 496,214	15,690	15,222	85	69	29 077	205,378	952,996	4,640	4,172
36	20	97 623	11 982,291	186 781,249	15,588	15,120	86	70	25 514	170,012	747,618	4,397	3,929
37	21	97 513	11 291,353	174 798,958	15,481	15,013	87	71	22 042	138,564	577,606	4,169	3,701
38	22	97 396	10 639,399	163 507,605	15,368	14,900	88	72	18 663	110,677	439,042	3,967	3,499
39	23	97 269	10 024,059	152 868,206	15,250	14,782	89	73	15 602	87,290	328,365	3,762	3,294
40	24	97 132	9 443,410	142 844,147	15,126	14,658	90	74	12 812	67,623	241,075	3,565	3,097
41	25	96 978	8 894,708	133 400,737	14,998	14,530	91	75	10 431	51,938	173,451	3,340	2,872
42	26	96 812	8 376,903	124 506,029	14,863	14,395	92	76	8 218	38,603	121,513	3,148	2,680
43	27	96 630	7 887,887	116 129,127	14,722	14,254	93	77	6 270	27,784	82,910	2,984	2,516
44	28	96 419	7 425,175	108 241,240	14,578	14,110	94	78	4 662	19,491	55,126	2,828	2,360
45	29	96 189	6 988,159	100 816,065	14,427	13,959	95	79	3 367	13,281	35,635	2,683	2,215
46	30	95 931	6 574,887	93 827,906	14,271	13,803	96	80	2 359	8,776	22,354	2,547	2,079
47	31	95 640	6 183,941	87 253,019	14,110	13,642	97	81	1 598	5,609	13,578	2,421	1,953
48	32	95 313	5 813,965	81 069,078	13,944	13,476	98	82	1 045	3,460	7,969	2,303	1,835
49	33	94 944	5 463,610	75 255,113	13,774	13,306	99	83	658	2,055	4,509	2,194	1,726
							100	84	398	1,173	2,453	2,092	1,624

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	5 134,271	69 910,172	13,616	13,148
1							51	34	94 136	4 821,215	64 775,901	13,436	12,968
2							52	35	93 646	4 524,643	59 954,686	13,251	12,783
3							53	36	93 114	4 244,271	55 430,043	13,060	12,592
4							54	37	92 536	3 979,200	51 185,772	12,863	12,395
5							55	38	91 895	3 727,942	47 206,572	12,663	12,195
6							56	39	91 207	3 490,606	43 478,630	12,456	11,988
7							57	40	90 464	3 266,195	39 988,024	12,243	11,775
8							58	41	89 680	3 054,597	36 721,829	12,022	11,554
9							59	42	88 813	2 853,840	33 667,232	11,797	11,329
10							60	43	87 877	2 663,941	30 813,392	11,567	11,099
11							61	44	86 854	2 483,880	28 149,451	11,333	10,865
12							62	45	85 780	2 314,319	25 665,571	11,090	10,622
13							63	46	84 611	2 153,562	23 351,252	10,843	10,375
14							64	47	83 370	2 001,869	21 197,690	10,589	10,121
15							65	48	82 029	1 858,182	19 195,821	10,330	9,862
16							66	49	80 601	1 722,481	17 337,639	10,066	9,598
17	0	99 357	36 897,547	619 942,989	16,802	16,334	67	50	79 092	1 594,551	15 615,158	9,793	9,325
18	1	99 005	34 685,784	583 045,443	16,809	16,341	68	51	77 484	1 473,722	14 020,607	9,514	9,046
19	2	98 922	32 694,954	548 359,659	16,772	16,304	69	52	75 772	1 359,587	12 546,885	9,228	8,760
20	3	98 852	30 822,506	515 664,705	16,730	16,262	70	53	73 929	1 251,425	11 187,298	8,940	8,472
21	4	98 779	29 056,298	484 842,199	16,686	16,218	71	54	71 966	1 149,237	9 935,873	8,646	8,178
22	5	98 711	27 392,861	455 785,901	16,639	16,171	72	55	69 883	1 052,812	8 786,636	8,346	7,878
23	6	98 647	25 825,445	428 393,040	16,588	16,120	73	56	67 606	960,856	7 733,823	8,049	7,581
24	7	98 584	24 348,256	402 567,595	16,534	16,066	74	57	65 191	874,080	6 772,967	7,749	7,281
25	8	98 519	22 954,902	378 219,339	16,477	16,009	75	58	62 578	791,560	5 898,887	7,452	6,984
26	9	98 455	21 641,389	355 264,437	16,416	15,948	76	59	59 819	713,825	5 107,326	7,155	6,687
27	10	98 389	20 402,641	333 623,048	16,352	15,884	77	60	56 904	640,604	4 393,502	6,858	6,390
28	11	98 318	19 234,042	313 220,407	16,285	15,817	78	61	53 780	571,169	3 752,897	6,571	6,103
29	12	98 250	18 132,638	293 986,365	16,213	15,745	79	62	50 499	505,967	3 181,729	6,288	5,820
30	13	98 179	17 093,947	275 853,726	16,138	15,670	80	63	47 142	445,595	2 675,762	6,005	5,537
31	14	98 104	16 114,067	258 759,780	16,058	15,590	81	64	43 648	389,215	2 230,167	5,730	5,262
32	15	98 019	15 188,801	242 645,713	15,975	15,507	82	65	40 090	337,250	1 840,951	5,459	4,991
33	16	97 933	14 316,419	227 456,912	15,888	15,420	83	66	36 504	289,702	1 503,701	5,191	4,723
34	17	97 846	13 494,077	213 140,493	15,795	15,327	84	67	32 935	246,582	1 213,999	4,923	4,455
35	18	97 750	12 717,743	199 646,415	15,698	15,230	85	68	29 365	207,409	967,416	4,664	4,196
36	19	97 644	11 984,868	186 928,672	15,597	15,129	86	69	25 797	171,898	760,007	4,421	3,953
37	20	97 534	11 293,736	174 943,804	15,490	15,022	87	70	22 309	140,239	588,109	4,194	3,726
38	21	97 417	10 641,699	163 650,068	15,378	14,910	88	71	18 915	112,174	447,870	3,993	3,525
39	22	97 291	10 026,363	153 008,368	15,261	14,793	89	72	15 848	88,663	335,696	3,786	3,318
40	23	97 154	9 445,558	142 982,006	15,137	14,670	90	73	13 038	68,816	247,033	3,590	3,122
41	24	97 000	8 896,731	133 536,447	15,010	14,542	91	74	10 636	52,962	178,217	3,365	2,897
42	25	96 834	8 378,770	124 639,716	14,876	14,408	92	75	8 405	39,482	125,255	3,172	2,704
43	26	96 656	7 889,994	116 260,947	14,735	14,267	93	76	6 433	28,506	85,773	3,009	2,541
44	27	96 444	7 427,092	108 370,952	14,591	14,123	94	77	4 801	20,073	57,266	2,853	2,385
45	28	96 214	6 989,975	100 943,860	14,441	13,973	95	78	3 483	13,737	37,194	2,707	2,240
46	29	95 957	6 576,711	93 953,886	14,286	13,818	96	79	2 451	9,119	23,456	2,572	2,104
47	30	95 667	6 185,639	87 377,174	14,126	13,658	97	80	1 670	5,863	14,338	2,445	1,977
48	31	95 344	5 815,861	81 191,535	13,960	13,492	98	81	1 099	3,641	8,475	2,328	1,860
49	32	94 977	5 465,503	75 375,675	13,791	13,323	99	82	698	2,179	4,834	2,218	1,750
							100	83	426	1,254	2,655	2,116	1,648



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	5 136,050	70 018,544	13,633	13,165
1							51	33	94 170	4 822,960	64 882,494	13,453	12,985
2							52	34	93 684	4 526,480	60 059,534	13,268	12,801
3							53	35	93 153	4 246,080	55 533,054	13,079	12,611
4							54	36	92 580	3 981,057	51 286,974	12,883	12,415
5							55	37	91 943	3 729,907	47 305,918	12,683	12,215
6							56	38	91 261	3 492,665	43 576,011	12,476	12,008
7							57	39	90 528	3 268,494	40 083,346	12,264	11,796
8							58	40	89 744	3 056,775	36 814,852	12,044	11,576
9							59	41	88 887	2 856,213	33 758,077	11,819	11,351
10							60	42	87 960	2 666,463	30 901,863	11,589	11,121
11							61	43	86 945	2 486,505	28 235,400	11,355	10,887
12							62	44	85 877	2 316,939	25 748,895	11,113	10,645
13							63	45	84 726	2 156,478	23 431,956	10,866	10,398
14							64	46	83 500	2 004,979	21 275,478	10,611	10,143
15							65	47	82 172	1 861,412	19 270,499	10,353	9,885
16							66	48	80 751	1 725,679	17 409,087	10,088	9,620
17							67	49	79 258	1 597,893	15 683,408	9,815	9,347
18	0	99 323	34 797,121	583 337,741	16,764	16,296	68	50	77 666	1 477,174	14 085,514	9,535	9,067
19	1	98 950	32 704,253	548 540,620	16,773	16,305	69	51	75 962	1 362,982	12 608,340	9,251	8,783
20	2	98 868	30 827,476	515 836,367	16,733	16,265	70	52	74 135	1 254,902	11 245,359	8,961	8,493
21	3	98 793	29 060,465	485 008,891	16,690	16,222	71	53	72 185	1 152,741	9 990,457	8,667	8,199
22	4	98 723	27 396,144	455 948,426	16,643	16,175	72	54	70 107	1 056,178	8 837,716	8,368	7,900
23	5	98 656	25 827,781	428 552,282	16,593	16,125	73	55	67 850	964,325	7 781,538	8,069	7,601
24	6	98 592	24 350,209	402 724,501	16,539	16,071	74	56	65 439	877,408	6 817,213	7,770	7,302
25	7	98 528	22 956,820	378 374,292	16,482	16,014	75	57	62 838	794,840	5 939,805	7,473	7,005
26	8	98 461	21 642,733	355 417,472	16,422	15,954	76	58	60 093	717,094	5 144,965	7,175	6,707
27	9	98 395	20 403,936	333 774,739	16,358	15,890	77	59	57 177	643,680	4 427,870	6,879	6,411
28	10	98 326	19 235,592	313 370,803	16,291	15,823	78	60	54 076	574,309	3 784,190	6,589	6,121
29	11	98 257	18 134,078	294 135,211	16,220	15,752	79	61	50 788	508,860	3 209,881	6,308	5,840
30	12	98 186	17 095,257	276 001,132	16,145	15,677	80	62	47 440	448,409	2 701,021	6,024	5,556
31	13	98 114	16 115,652	258 905,875	16,065	15,598	81	63	43 941	391,828	2 252,612	5,749	5,281
32	14	98 031	15 190,682	242 790,223	15,983	15,515	82	64	40 380	339,695	1 860,784	5,478	5,010
33	15	97 946	14 318,360	227 599,542	15,896	15,428	83	65	36 789	291,963	1 521,090	5,210	4,742
34	16	97 862	13 496,247	213 281,181	15,803	15,335	84	66	33 208	248,626	1 229,127	4,944	4,476
35	17	97 767	12 719,976	199 784,934	15,706	15,238	85	67	29 632	209,297	980,501	4,685	4,217
36	18	97 665	11 987,487	187 064,958	15,605	15,137	86	68	26 053	173,598	771,203	4,442	3,974
37	19	97 555	11 296,166	175 077,471	15,499	15,031	87	69	22 556	141,794	597,605	4,215	3,747
38	20	97 437	10 643,945	163 781,306	15,387	14,919	88	70	19 144	113,530	455,811	4,015	3,547
39	21	97 312	10 028,530	153 137,361	15,270	14,802	89	71	16 062	89,862	342,280	3,809	3,341
40	22	97 177	9 447,729	143 108,831	15,147	14,679	90	72	13 243	69,898	252,419	3,611	3,143
41	23	97 022	8 898,755	133 661,101	15,020	14,552	91	73	10 824	53,896	182,521	3,387	2,919
42	24	96 856	8 380,675	124 762,346	14,887	14,419	92	74	8 571	40,260	128,625	3,195	2,727
43	25	96 678	7 891,753	116 381,671	14,747	14,279	93	75	6 579	29,156	88,364	3,031	2,563
44	26	96 470	7 429,077	108 489,918	14,603	14,135	94	76	4 926	20,595	59,208	2,875	2,407
45	27	96 239	6 991,780	101 060,841	14,454	13,986	95	77	3 587	14,147	38,614	2,729	2,261
46	28	95 982	6 578,420	94 069,062	14,300	13,832	96	78	2 535	9,433	24,467	2,594	2,126
47	29	95 693	6 187,355	87 490,642	14,140	13,672	97	79	1 735	6,092	15,034	2,468	2,000
48	30	95 371	5 817,457	81 303,287	13,976	13,508	98	80	1 149	3,806	8,942	2,350	1,882
49	31	95 008	5 467,285	75 485,830	13,807	13,339	99	81	734	2,293	5,137	2,240	1,772
							100	82	451	1,330	2,844	2,138	1,670

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	5 137,725	70 117,549	13,648	13,180
1							51	32	94 203	4 824,631	64 979,824	13,468	13,000
2							52	33	93 718	4 528,118	60 155,193	13,285	12,817
3							53	34	93 191	4 247,804	55 627,075	13,095	12,628
4							54	35	92 619	3 982,754	51 379,271	12,900	12,432
5							55	36	91 986	3 731,647	47 396,517	12,701	12,233
6							56	37	91 309	3 494,505	43 664,871	12,495	12,027
7							57	38	90 581	3 270,422	40 170,365	12,283	11,815
8							58	39	89 807	3 058,927	36 899,943	12,063	11,595
9							59	40	88 950	2 858,251	33 841,016	11,840	11,372
10							60	41	88 034	2 668,681	30 982,766	11,610	11,142
11							61	42	87 028	2 488,859	28 314,085	11,376	10,908
12							62	43	85 968	2 319,388	25 825,226	11,135	10,667
13							63	44	84 822	2 158,920	23 505,838	10,888	10,420
14							64	45	83 613	2 007,694	21 346,918	10,633	10,165
15							65	46	82 300	1 864,304	19 339,224	10,373	9,905
16							66	47	80 891	1 728,679	17 474,920	10,109	9,641
17							67	48	79 405	1 600,860	15 746,242	9,836	9,368
18							68	49	77 829	1 480,271	14 145,382	9,556	9,088
19	0	99 268	32 809,229	548 811,330	16,727	16,259	69	50	76 140	1 366,174	12 665,111	9,270	8,803
20	1	98 896	30 836,244	516 002,100	16,734	16,266	70	51	74 320	1 258,036	11 298,938	8,981	8,513
21	2	98 809	29 065,151	485 165,856	16,692	16,224	71	52	72 386	1 155,944	10 040,902	8,686	8,218
22	3	98 737	27 400,073	456 100,706	16,646	16,178	72	53	70 320	1 059,397	8 884,958	8,387	7,919
23	4	98 667	25 830,877	428 700,633	16,596	16,128	73	54	68 067	967,408	7 825,561	8,089	7,621
24	5	98 601	24 352,412	402 869,756	16,543	16,075	74	55	65 675	880,576	6 858,153	7,788	7,320
25	6	98 536	22 958,661	378 517,344	16,487	16,019	75	56	63 077	797,866	5 977,577	7,492	7,024
26	7	98 469	21 644,542	355 558,683	16,427	15,959	76	57	60 342	720,066	5 179,711	7,193	6,725
27	8	98 401	20 405,204	333 914,142	16,364	15,896	77	58	57 439	646,628	4 459,645	6,897	6,429
28	9	98 333	19 236,813	313 508,938	16,297	15,829	78	59	54 335	577,066	3 813,017	6,608	6,140
29	10	98 265	18 135,539	294 272,125	16,226	15,758	79	60	51 067	511,658	3 235,951	6,324	5,856
30	11	98 194	17 096,615	276 136,586	16,152	15,684	80	61	47 711	450,973	2 724,293	6,041	5,573
31	12	98 121	16 116,887	259 039,971	16,073	15,605	81	62	44 219	394,302	2 273,320	5,765	5,297
32	13	98 041	15 192,176	242 923,083	15,990	15,522	82	63	40 651	341,975	1 879,018	5,495	5,027
33	14	97 958	14 320,133	227 730,907	15,903	15,435	83	64	37 055	294,079	1 537,042	5,227	4,759
34	15	97 875	13 498,077	213 410,774	15,810	15,342	84	65	33 467	250,566	1 242,963	4,961	4,493
35	16	97 783	12 722,021	199 912,697	15,714	15,246	85	66	29 878	211,032	992,397	4,703	4,235
36	17	97 682	11 989,591	187 190,676	15,613	15,145	86	67	26 290	175,178	781,365	4,460	3,992
37	18	97 576	11 298,634	175 201,085	15,506	15,038	87	68	22 780	143,197	606,187	4,233	3,765
38	19	97 458	10 646,235	163 902,451	15,395	14,927	88	69	19 356	114,789	462,990	4,033	3,565
39	20	97 332	10 030,647	153 256,217	15,279	14,811	89	70	16 256	90,948	348,201	3,829	3,361
40	21	97 198	9 449,772	143 225,570	15,157	14,689	90	71	13 422	70,843	257,523	3,631	3,163
41	22	97 044	8 900,800	133 775,798	15,030	14,562	91	72	10 994	54,743	186,409	3,405	2,937
42	23	96 878	8 382,582	124 874,998	14,897	14,429	92	73	8 722	40,971	131,666	3,214	2,746
43	24	96 700	7 893,548	116 492,416	14,758	14,290	93	74	6 709	29,730	90,695	3,051	2,583
44	25	96 492	7 430,732	108 598,868	14,615	14,147	94	75	5 038	21,064	60,965	2,894	2,426
45	26	96 265	6 993,648	101 168,136	14,466	13,998	95	76	3 680	14,515	39,901	2,749	2,281
46	27	96 007	6 580,119	94 174,488	14,312	13,844	96	77	2 611	9,714	25,386	2,613	2,145
47	28	95 718	6 188,962	87 594,369	14,153	13,685	97	78	1 795	6,301	15,672	2,487	2,019
48	29	95 397	5 819,071	81 405,407	13,989	13,521	98	79	1 194	3,954	9,371	2,370	1,902
49	30	95 034	5 468,786	75 586,336	13,821	13,353	99	80	767	2,397	5,417	2,260	1,792
							100	81	475	1,399	3,020	2,158	1,690

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	5 139,135	70 207,861	13,661	13,193
1							51	31	94 233	4 826,205	65 068,726	13,482	13,014
2							52	32	93 750	4 529,687	60 242,521	13,299	12,832
3							53	33	93 225	4 249,342	55 712,834	13,111	12,643
4							54	34	92 657	3 984,371	51 463,493	12,916	12,448
5							55	35	92 026	3 733,238	47 479,122	12,718	12,250
6							56	36	91 352	3 496,136	43 745,884	12,513	12,045
7							57	37	90 629	3 272,146	40 249,749	12,301	11,833
8							58	38	89 860	3 060,731	36 977,603	12,081	11,613
9							59	39	89 013	2 860,262	33 916,872	11,858	11,390
10							60	40	88 096	2 670,584	31 056,609	11,629	11,161
11							61	41	87 100	2 490,929	28 386,025	11,396	10,928
12							62	42	86 049	2 321,584	25 895,096	11,154	10,686
13							63	43	84 911	2 161,201	23 573,513	10,908	10,440
14							64	44	83 707	2 009,967	21 412,312	10,653	10,185
15							65	45	82 411	1 866,829	19 402,344	10,393	9,925
16							66	46	81 017	1 731,364	17 535,516	10,128	9,660
17							67	47	79 543	1 603,643	15 804,152	9,855	9,387
18							68	48	77 973	1 483,019	14 200,509	9,575	9,107
19							69	49	76 299	1 369,038	12 717,490	9,289	8,821
20	0	99 213	30 935,225	516 252,862	16,688	16,220	70	50	74 494	1 260,982	11 348,452	9,000	8,532
21	1	98 837	29 073,417	485 317,637	16,693	16,225	71	51	72 567	1 158,830	10 087,471	8,705	8,237
22	2	98 753	27 404,491	456 244,220	16,649	16,181	72	52	70 516	1 062,341	8 928,641	8,405	7,937
23	3	98 682	25 834,581	428 839,729	16,599	16,131	73	53	68 275	970,357	7 866,300	8,107	7,639
24	4	98 613	24 355,331	403 005,147	16,547	16,079	74	54	65 885	883,391	6 895,943	7,806	7,338
25	5	98 545	22 960,738	378 649,817	16,491	16,023	75	55	63 305	800,747	6 012,552	7,509	7,041
26	6	98 477	21 646,277	355 689,079	16,432	15,964	76	56	60 571	722,807	5 211,805	7,211	6,743
27	7	98 409	20 406,908	334 042,802	16,369	15,901	77	57	57 677	649,307	4 488,998	6,914	6,446
28	8	98 339	19 238,008	313 635,893	16,303	15,835	78	58	54 584	579,710	3 839,690	6,623	6,156
29	9	98 272	18 136,691	294 397,885	16,232	15,764	79	59	51 312	514,114	3 259,981	6,341	5,873
30	10	98 202	17 097,992	276 261,195	16,158	15,690	80	60	47 973	453,453	2 745,867	6,055	5,588
31	11	98 129	16 118,168	259 163,202	16,079	15,611	81	61	44 471	396,557	2 292,414	5,781	5,313
32	12	98 049	15 193,341	243 045,035	15,997	15,529	82	62	40 908	344,135	1 895,857	5,509	5,041
33	13	97 968	14 321,542	227 851,694	15,910	15,442	83	63	37 304	296,053	1 551,723	5,241	4,773
34	14	97 887	13 499,748	213 530,152	15,817	15,349	84	64	33 709	252,382	1 255,669	4,975	4,507
35	15	97 796	12 723,746	200 030,404	15,721	15,253	85	65	30 111	212,678	1 003,287	4,717	4,249
36	16	97 698	11 991,519	187 306,658	15,620	15,152	86	66	26 508	176,630	790,609	4,476	4,008
37	17	97 593	11 300,617	175 315,139	15,514	15,046	87	67	22 987	144,500	613,978	4,249	3,781
38	18	97 480	10 648,561	164 014,522	15,403	14,935	88	68	19 548	115,925	469,478	4,050	3,582
39	19	97 353	10 032,804	153 365,961	15,286	14,818	89	69	16 436	91,957	353,553	3,845	3,377
40	20	97 218	9 451,766	143 333,157	15,165	14,697	90	70	13 585	71,700	261,597	3,648	3,181
41	21	97 065	8 902,725	133 881,391	15,038	14,570	91	71	11 143	55,484	189,896	3,423	2,955
42	22	96 900	8 384,509	124 978,666	14,906	14,438	92	72	8 859	41,615	134,413	3,230	2,762
43	23	96 722	7 895,343	116 594,157	14,767	14,299	93	73	6 827	30,255	92,798	3,067	2,599
44	24	96 514	7 432,422	108 698,814	14,625	14,157	94	74	5 138	21,479	62,543	2,912	2,444
45	25	96 286	6 995,207	101 266,392	14,477	14,009	95	75	3 764	14,846	41,064	2,766	2,298
46	26	96 033	6 581,877	94 271,185	14,323	13,855	96	76	2 679	9,966	26,219	2,631	2,163
47	27	95 743	6 190,560	87 689,308	14,165	13,697	97	77	1 849	6,489	16,252	2,504	2,036
48	28	95 422	5 820,583	81 498,748	14,002	13,534	98	78	1 235	4,090	9,763	2,387	1,919
49	29	95 060	5 470,303	75 678,164	13,834	13,366	99	79	797	2,490	5,673	2,278	1,810
							100	80	496	1,463	3,182	2,175	1,708

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	5 140,561	70 290,359	13,674	13,206
1							51	30	94 259	4 827,530	65 149,798	13,495	13,028
2							52	31	93 781	4 531,164	60 322,268	13,313	12,845
3							53	32	93 257	4 250,814	55 791,104	13,125	12,657
4							54	33	92 690	3 985,813	51 540,290	12,931	12,463
5							55	34	92 063	3 734,753	47 554,477	12,733	12,265
6							56	35	91 391	3 497,626	43 819,724	12,528	12,060
7							57	36	90 671	3 273,672	40 322,098	12,317	11,849
8							58	37	89 907	3 062,344	37 048,426	12,098	11,630
9							59	38	89 065	2 861,950	33 986,082	11,875	11,407
10							60	39	88 158	2 672,464	31 124,132	11,646	11,178
11							61	40	87 162	2 492,706	28 451,668	11,414	10,946
12							62	41	86 121	2 323,515	25 958,963	11,172	10,704
13							63	42	84 992	2 163,247	23 635,448	10,926	10,458
14							64	43	83 796	2 012,091	21 472,201	10,672	10,204
15							65	44	82 504	1 868,942	19 460,110	10,412	9,944
16							66	45	81 127	1 733,709	17 591,168	10,147	9,679
17							67	46	79 666	1 606,134	15 857,549	9,873	9,405
18							68	47	78 109	1 485,597	14 251,325	9,593	9,125
19							69	48	76 441	1 371,579	12 765,728	9,307	8,839
20							70	49	74 650	1 263,625	11 394,149	9,017	8,549
21	0	99 154	29 166,740	485 549,953	16,647	16,179	71	50	72 736	1 161,544	10 130,523	8,722	8,254
22	1	98 781	27 412,285	456 383,213	16,649	16,181	72	51	70 692	1 064,994	8 968,980	8,422	7,954
23	2	98 698	25 838,747	428 970,928	16,602	16,134	73	52	68 464	973,053	7 903,986	8,123	7,655
24	3	98 627	24 358,823	403 132,181	16,550	16,082	74	53	66 086	886,084	6 930,933	7,822	7,354
25	4	98 556	22 963,490	378 773,358	16,495	16,027	75	54	63 507	803,306	6 044,849	7,525	7,057
26	5	98 486	21 648,236	355 809,868	16,436	15,968	76	55	60 790	725,417	5 241,543	7,226	6,758
27	6	98 417	20 408,545	334 161,633	16,374	15,906	77	56	57 897	651,780	4 516,126	6,929	6,461
28	7	98 347	19 239,615	313 753,088	16,308	15,840	78	57	54 810	582,112	3 864,346	6,638	6,171
29	8	98 278	18 137,817	294 513,473	16,238	15,770	79	58	51 548	516,469	3 282,235	6,355	5,887
30	9	98 208	17 099,078	276 375,655	16,163	15,695	80	59	48 204	455,630	2 765,766	6,070	5,602
31	10	98 137	16 119,466	259 276,578	16,085	15,617	81	60	44 716	398,737	2 310,136	5,794	5,326
32	11	98 056	15 194,547	243 157,111	16,003	15,535	82	61	41 142	346,102	1 911,399	5,523	5,055
33	12	97 975	14 322,640	227 962,564	15,916	15,448	83	62	37 540	297,923	1 565,296	5,254	4,786
34	13	97 897	13 501,076	213 639,924	15,824	15,356	84	63	33 936	254,076	1 267,374	4,988	4,520
35	14	97 808	12 725,321	200 138,848	15,728	15,260	85	64	30 329	214,220	1 013,297	4,730	4,262
36	15	97 711	11 993,145	187 413,527	15,627	15,159	86	65	26 714	178,008	799,077	4,489	4,021
37	16	97 609	11 302,434	175 420,382	15,521	15,053	87	66	23 177	145,698	621,069	4,263	3,795
38	17	97 497	10 650,430	164 117,947	15,410	14,942	88	67	19 725	116,980	475,371	4,064	3,596
39	18	97 375	10 034,996	153 467,517	15,293	14,825	89	68	16 599	92,866	358,391	3,859	3,391
40	19	97 239	9 453,799	143 432,521	15,172	14,704	90	69	13 735	72,495	265,525	3,663	3,195
41	20	97 086	8 904,603	133 978,722	15,046	14,578	91	70	11 278	56,154	193,029	3,437	2,970
42	21	96 921	8 386,321	125 074,118	14,914	14,446	92	71	8 979	42,177	136,875	3,245	2,777
43	22	96 744	7 897,158	116 687,797	14,776	14,308	93	72	6 934	30,730	94,697	3,082	2,614
44	23	96 536	7 434,113	108 790,639	14,634	14,166	94	73	5 228	21,858	63,967	2,926	2,459
45	24	96 308	6 996,798	101 356,526	14,486	14,018	95	74	3 838	15,138	42,109	2,782	2,314
46	25	96 054	6 583,344	94 359,728	14,333	13,865	96	75	2 740	10,194	26,971	2,646	2,178
47	26	95 768	6 192,215	87 776,384	14,175	13,707	97	76	1 897	6,658	16,777	2,520	2,052
48	27	95 447	5 822,086	81 584,169	14,013	13,545	98	77	1 272	4,212	10,119	2,402	1,934
49	28	95 085	5 471,725	75 762,083	13,846	13,378	99	78	825	2,576	5,907	2,293	1,825
							100	79	516	1,520	3,331	2,192	1,724

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	5 141,897	70 365,733	13,685	13,217
1							51	29	94 285	4 828,869	65 223,837	13,507	13,039
2							52	30	93 807	4 532,408	60 394,968	13,325	12,857
3							53	31	93 288	4 252,200	55 862,560	13,137	12,669
4							54	32	92 722	3 987,194	51 610,360	12,944	12,476
5							55	33	92 096	3 736,105	47 623,166	12,747	12,279
6							56	34	91 428	3 499,046	43 887,061	12,543	12,075
7							57	35	90 710	3 275,068	40 388,015	12,332	11,864
8							58	36	89 949	3 063,773	37 112,947	12,113	11,646
9							59	37	89 112	2 863,458	34 049,174	11,891	11,423
10							60	38	88 210	2 674,040	31 185,716	11,662	11,194
11							61	39	87 224	2 494,460	28 511,676	11,430	10,962
12							62	40	86 182	2 325,172	26 017,216	11,189	10,721
13							63	41	85 062	2 165,046	23 692,044	10,943	10,475
14							64	42	83 875	2 013,996	21 526,998	10,689	10,221
15							65	43	82 592	1 870,917	19 513,002	10,430	9,962
16							66	44	81 218	1 735,672	17 642,085	10,164	9,696
17							67	45	79 774	1 608,309	15 906,413	9,890	9,422
18							68	46	78 230	1 487,904	14 298,104	9,610	9,142
19							69	47	76 574	1 373,964	12 810,199	9,324	8,856
20							70	48	74 788	1 265,971	11 436,236	9,034	8,566
21							71	49	72 889	1 163,979	10 170,265	8,737	8,270
22	0	99 098	27 500,275	456 598,477	16,603	16,135	72	50	70 857	1 067,488	9 006,285	8,437	7,969
23	1	98 726	25 846,096	429 098,202	16,602	16,134	73	51	68 635	975,483	7 938,798	8,138	7,670
24	2	98 643	24 362,751	403 252,106	16,552	16,084	74	52	66 270	888,546	6 963,315	7,837	7,369
25	3	98 570	22 966,783	378 889,355	16,497	16,029	75	53	63 701	805,755	6 074,769	7,539	7,071
26	4	98 498	21 650,830	355 922,572	16,439	15,971	76	54	60 984	727,736	5 269,014	7,240	6,772
27	5	98 426	20 410,391	334 271,742	16,378	15,910	77	55	58 106	654,133	4 541,278	6,942	6,474
28	6	98 355	19 241,158	313 861,351	16,312	15,844	78	56	55 019	584,328	3 887,146	6,652	6,184
29	7	98 286	18 139,333	294 620,193	16,242	15,774	79	57	51 761	518,609	3 302,818	6,369	5,901
30	8	98 215	17 100,140	276 480,860	16,168	15,700	80	58	48 425	457,717	2 784,209	6,083	5,615
31	9	98 143	16 120,490	259 380,720	16,090	15,622	81	59	44 931	400,651	2 326,492	5,807	5,339
32	10	98 064	15 195,772	243 260,231	16,008	15,540	82	60	41 368	348,005	1 925,840	5,534	5,066
33	11	97 983	14 323,777	228 064,459	15,922	15,454	83	61	37 754	299,626	1 577,835	5,266	4,798
34	12	97 904	13 502,111	213 740,682	15,830	15,362	84	62	34 150	255,681	1 278,209	4,999	4,531
35	13	97 818	12 726,573	200 238,570	15,734	15,266	85	63	30 533	215,658	1 022,528	4,741	4,273
36	14	97 723	11 994,630	187 511,997	15,633	15,165	86	64	26 908	179,298	806,870	4,500	4,032
37	15	97 622	11 303,967	175 517,367	15,527	15,059	87	65	23 358	146,835	627,571	4,274	3,806
38	16	97 512	10 652,143	164 213,401	15,416	14,948	88	66	19 889	117,949	480,736	4,076	3,608
39	17	97 392	10 036,758	153 561,258	15,300	14,832	89	67	16 750	93,712	362,787	3,871	3,403
40	18	97 260	9 455,865	143 524,500	15,178	14,710	90	68	13 871	73,212	269,075	3,675	3,207
41	19	97 107	8 906,519	134 068,635	15,053	14,585	91	69	11 403	56,777	195,863	3,450	2,982
42	20	96 941	8 388,091	125 162,116	14,921	14,453	92	70	9 087	42,688	139,086	3,258	2,790
43	21	96 765	7 898,866	116 774,025	14,784	14,316	93	71	7 028	31,146	96,398	3,095	2,627
44	22	96 558	7 435,822	108 875,160	14,642	14,174	94	72	5 310	22,201	65,252	2,939	2,471
45	23	96 330	6 998,389	101 439,338	14,495	14,027	95	73	3 906	15,405	43,051	2,795	2,327
46	24	96 076	6 584,841	94 440,948	14,342	13,874	96	74	2 794	10,394	27,646	2,660	2,192
47	25	95 790	6 193,595	87 856,107	14,185	13,717	97	75	1 940	6,810	17,251	2,533	2,065
48	26	95 472	5 823,642	81 662,512	14,023	13,555	98	76	1 305	4,322	10,441	2,416	1,948
49	27	95 109	5 473,137	75 838,871	13,857	13,389	99	77	849	2,653	6,120	2,307	1,839
							100	78	533	1,572	3,467	2,205	1,737

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 6,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	5 143,224	70 434,688	13,695	13,227
1							51	28	94 310	4 830,123	65 291,463	13,518	13,050
2							52	29	93 833	4 533,665	60 461,340	13,336	12,868
3							53	30	93 313	4 253,367	55 927,674	13,149	12,681
4							54	31	92 753	3 988,494	51 674,307	12,956	12,488
5							55	32	92 128	3 737,399	47 685,813	12,759	12,291
6							56	33	91 461	3 500,313	43 948,414	12,556	12,088
7							57	34	90 747	3 276,397	40 448,101	12,345	11,877
8							58	35	89 987	3 065,079	37 171,704	12,127	11,660
9							59	36	89 154	2 864,794	34 106,624	11,905	11,437
10							60	37	88 257	2 675,450	31 241,831	11,677	11,209
11							61	38	87 275	2 495,931	28 566,381	11,445	10,977
12							62	39	86 243	2 326,808	26 070,450	11,204	10,736
13							63	40	85 123	2 166,591	23 743,642	10,959	10,491
14							64	41	83 945	2 015,671	21 577,051	10,705	10,237
15							65	42	82 670	1 872,688	19 561,380	10,446	9,978
16							66	43	81 304	1 737,506	17 688,691	10,181	9,713
17							67	44	79 865	1 610,130	15 951,185	9,907	9,439
18							68	45	78 336	1 489,920	14 341,056	9,625	9,157
19							69	46	76 693	1 376,098	12 851,136	9,339	8,871
20							70	47	74 918	1 268,172	11 475,038	9,048	8,581
21							71	48	73 024	1 166,140	10 206,866	8,753	8,283
22							72	49	71 006	1 069,726	9 040,726	8,451	7,985
23	0	99 043	25 929,059	429 297,693	16,557	16,089	73	50	68 796	977,767	7 971,001	8,152	7,684
24	1	98 671	24 369,680	403 368,634	16,552	16,084	74	51	66 435	890,765	6 993,233	7,851	7,383
25	2	98 586	22 970,486	378 998,954	16,499	16,031	75	52	63 878	807,994	6 102,469	7,553	7,085
26	3	98 512	21 653,935	356 028,468	16,442	15,974	76	53	61 170	729,954	5 294,475	7,253	6,785
27	4	98 438	20 412,837	334 374,533	16,381	15,913	77	54	58 291	656,224	4 564,521	6,956	6,488
28	5	98 364	19 242,899	313 961,695	16,316	15,848	78	55	55 218	586,438	3 908,297	6,664	6,197
29	6	98 294	18 140,787	294 718,797	16,246	15,778	79	56	51 958	520,584	3 321,859	6,381	5,913
30	7	98 223	17 101,569	276 578,009	16,173	15,705	80	57	48 625	459,613	2 801,276	6,095	5,627
31	8	98 149	16 121,491	259 476,441	16,095	15,627	81	58	45 136	402,487	2 341,663	5,818	5,350
32	9	98 070	15 196,736	243 354,950	16,014	15,546	82	59	41 567	349,676	1 939,176	5,546	5,078
33	10	97 991	14 324,931	228 158,213	15,927	15,459	83	60	37 962	301,274	1 589,500	5,276	4,808
34	11	97 912	13 503,184	213 833,282	15,836	15,368	84	61	34 345	257,143	1 288,226	5,010	4,542
35	12	97 825	12 727,549	200 330,098	15,740	15,272	85	62	30 725	217,020	1 031,083	4,751	4,283
36	13	97 733	11 995,810	187 602,549	15,639	15,171	86	63	27 089	180,502	814,063	4,510	4,042
37	14	97 634	11 305,366	175 606,740	15,533	15,065	87	64	23 528	147,899	633,561	4,284	3,816
38	15	97 526	10 653,587	164 301,373	15,422	14,954	88	65	20 044	118,870	485,662	4,086	3,618
39	16	97 407	10 038,372	153 647,787	15,306	14,838	89	66	16 889	94,488	366,792	3,882	3,414
40	17	97 277	9 457,525	143 609,415	15,185	14,717	90	67	13 997	73,879	272,304	3,686	3,218
41	18	97 128	8 908,465	134 151,890	15,059	14,591	91	68	11 515	57,339	198,425	3,461	2,993
42	19	96 962	8 389,895	125 243,425	14,928	14,460	92	69	9 188	43,161	141,087	3,269	2,801
43	20	96 785	7 900,532	116 853,530	14,791	14,323	93	70	7 113	31,523	97,926	3,107	2,639
44	21	96 579	7 437,429	108 952,997	14,649	14,181	94	71	5 382	22,502	66,403	2,951	2,483
45	22	96 352	6 999,998	101 515,568	14,502	14,034	95	72	3 967	15,647	43,901	2,806	2,338
46	23	96 098	6 586,339	94 515,570	14,350	13,882	96	73	2 843	10,578	28,254	2,671	2,203
47	24	95 811	6 195,003	87 929,231	14,194	13,726	97	74	1 978	6,944	17,676	2,546	2,078
48	25	95 493	5 824,940	81 734,227	14,032	13,564	98	75	1 335	4,420	10,732	2,428	1,960
49	26	95 135	5 474,600	75 909,288	13,866	13,398	99	76	871	2,722	6,312	2,319	1,851
							100	77	549	1,619	3,590	2,217	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	5 144,599	70 497,913	13,703	13,235
1							51	27	94 334	4 831,371	65 353,314	13,527	13,059
2							52	28	93 857	4 534,843	60 521,944	13,346	12,878
3							53	29	93 339	4 254,548	55 987,101	13,159	12,691
4							54	30	92 778	3 989,589	51 732,553	12,967	12,499
5							55	31	92 158	3 738,618	47 742,964	12,770	12,302
6							56	32	91 493	3 501,525	44 004,346	12,567	12,099
7							57	33	90 780	3 277,583	40 502,820	12,358	11,890
8							58	34	90 024	3 066,323	37 225,237	12,140	11,672
9							59	35	89 192	2 866,015	34 158,914	11,919	11,451
10							60	36	88 298	2 676,698	31 292,899	11,691	11,223
11							61	37	87 321	2 497,247	28 616,201	11,459	10,991
12							62	38	86 294	2 328,181	26 118,954	11,219	10,751
13							63	39	85 183	2 168,115	23 790,773	10,973	10,505
14							64	40	84 005	2 017,109	21 622,658	10,720	10,252
15							65	41	82 739	1 874,246	19 605,549	10,461	9,993
16							66	42	81 381	1 739,151	17 731,303	10,195	9,727
17							67	43	79 949	1 611,831	15 992,152	9,922	9,454
18							68	44	78 425	1 491,606	14 380,321	9,641	9,173
19							69	45	76 797	1 377,962	12 888,714	9,353	8,885
20							70	46	75 035	1 270,142	11 510,753	9,063	8,595
21							71	47	73 151	1 168,167	10 240,611	8,766	8,298
22							72	48	71 138	1 071,711	9 072,444	8,465	7,997
23							73	49	68 940	979,817	8 000,732	8,166	7,698
24	0	98 988	24 447,904	403 553,534	16,507	16,039	74	50	66 591	892,851	7 020,915	7,863	7,396
25	1	98 614	22 977,019	379 105,630	16,499	16,031	75	51	64 037	810,012	6 128,065	7,565	7,097
26	2	98 528	21 657,427	356 128,611	16,444	15,976	76	52	61 340	731,982	5 318,053	7,265	6,797
27	3	98 452	20 415,765	334 471,184	16,383	15,915	77	53	58 469	658,224	4 586,071	6,967	6,499
28	4	98 375	19 245,205	314 055,419	16,319	15,851	78	54	55 394	588,312	3 927,847	6,676	6,209
29	5	98 303	18 142,428	294 810,214	16,250	15,782	79	55	52 146	522,463	3 339,535	6,392	5,924
30	6	98 231	17 102,940	276 667,785	16,177	15,709	80	56	48 810	461,363	2 817,071	6,106	5,638
31	7	98 157	16 122,838	259 564,845	16,099	15,631	81	57	45 323	404,154	2 355,708	5,829	5,361
32	8	98 077	15 197,680	243 442,008	16,018	15,550	82	58	41 757	351,278	1 951,554	5,556	5,088
33	9	97 997	14 325,841	228 244,327	15,932	15,464	83	59	38 144	302,720	1 600,276	5,286	4,818
34	10	97 920	13 504,272	213 918,486	15,841	15,373	84	60	34 534	258,557	1 297,556	5,018	4,550
35	11	97 833	12 728,560	200 414,215	15,745	15,277	85	61	30 901	218,261	1 038,999	4,760	4,292
36	12	97 740	11 996,729	187 685,655	15,645	15,177	86	62	27 260	181,642	820,739	4,518	4,050
37	13	97 644	11 306,478	175 688,926	15,539	15,071	87	63	23 685	148,892	639,097	4,292	3,824
38	14	97 538	10 654,906	164 382,447	15,428	14,960	88	64	20 189	119,731	490,205	4,094	3,626
39	15	97 421	10 039,733	153 727,541	15,312	14,844	89	65	17 021	95,226	370,473	3,890	3,423
40	16	97 293	9 459,045	143 687,808	15,191	14,723	90	66	14 113	74,491	275,248	3,695	3,227
41	17	97 145	8 910,029	134 228,763	15,065	14,597	91	67	11 620	57,861	200,757	3,470	3,002
42	18	96 983	8 391,728	125 318,734	14,934	14,466	92	68	9 279	43,588	142,896	3,278	2,810
43	19	96 806	7 902,232	116 927,006	14,797	14,329	93	69	7 192	31,872	99,308	3,116	2,648
44	20	96 599	7 438,999	109 024,774	14,656	14,188	94	70	5 447	22,774	67,436	2,961	2,493
45	21	96 373	7 001,511	101 585,775	14,509	14,041	95	71	4 021	15,859	44,662	2,816	2,348
46	22	96 120	6 587,853	94 584,263	14,357	13,889	96	72	2 888	10,744	28,803	2,681	2,213
47	23	95 833	6 196,413	87 996,410	14,201	13,733	97	73	2 013	7,066	18,059	2,556	2,088
48	24	95 515	5 826,264	81 799,998	14,040	13,572	98	74	1 361	4,507	10,993	2,439	1,971
49	25	95 156	5 475,820	75 973,733	13,874	13,406	99	75	891	2,784	6,485	2,330	1,862
							100	76	564	1,661	3,701	2,228	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	5 145,745	70 555,763	13,711	13,244
1							51	26	94 359	4 832,662	65 410,018	13,535	13,067
2							52	27	93 881	4 536,014	60 577,356	13,355	12,887
3							53	28	93 363	4 255,653	56 041,342	13,169	12,701
4							54	29	92 804	3 990,696	51 785,689	12,977	12,509
5							55	30	92 183	3 739,645	47 794,993	12,781	12,313
6							56	31	91 522	3 502,667	44 055,349	12,578	12,110
7							57	32	90 811	3 278,719	40 552,681	12,368	11,900
8							58	33	90 057	3 067,433	37 273,963	12,152	11,684
9							59	34	89 228	2 867,179	34 206,529	11,930	11,462
10							60	35	88 336	2 677,839	31 339,351	11,703	11,235
11							61	36	87 362	2 498,412	28 661,512	11,472	11,004
12							62	37	86 339	2 329,408	26 163,100	11,232	10,764
13							63	38	85 233	2 169,395	23 833,692	10,986	10,518
14							64	39	84 064	2 018,529	21 664,298	10,733	10,265
15							65	40	82 798	1 875,583	19 645,769	10,474	10,007
16							66	41	81 449	1 740,597	17 770,186	10,209	9,741
17							67	42	80 025	1 613,357	16 029,589	9,936	9,468
18							68	43	78 508	1 493,182	14 416,232	9,655	9,187
19							69	44	76 884	1 379,522	12 923,049	9,368	8,900
20							70	45	75 136	1 271,862	11 543,528	9,076	8,608
21							71	46	73 265	1 169,982	10 271,666	8,779	8,311
22							72	47	71 261	1 073,575	9 101,684	8,478	8,010
23							73	48	69 068	981,636	8 028,109	8,178	7,710
24							74	49	66 730	894,723	7 046,473	7,876	7,408
25	0	98 931	23 050,773	379 277,025	16,454	15,986	75	50	64 187	811,909	6 151,751	7,577	7,109
26	1	98 556	21 663,586	356 226,252	16,444	15,976	76	51	61 494	733,810	5 339,842	7,277	6,809
27	2	98 468	20 419,057	334 562,666	16,385	15,917	77	52	58 631	660,053	4 606,032	6,978	6,510
28	3	98 390	19 247,965	314 143,609	16,321	15,853	78	53	55 563	590,105	3 945,979	6,687	6,219
29	4	98 314	18 144,603	294 895,644	16,253	15,785	79	54	52 312	524,133	3 355,874	6,403	5,935
30	5	98 239	17 104,487	276 751,041	16,180	15,712	80	55	48 987	463,029	2 831,740	6,116	5,648
31	6	98 165	16 124,131	259 646,554	16,103	15,635	81	56	45 496	405,693	2 368,712	5,839	5,371
32	7	98 085	15 198,950	243 522,423	16,022	15,554	82	57	41 930	352,733	1 963,019	5,565	5,097
33	8	98 003	14 326,731	228 323,473	15,937	15,469	83	58	38 319	304,107	1 610,285	5,295	4,827
34	9	97 926	13 505,129	213 996,742	15,846	15,378	84	59	34 700	259,798	1 306,178	5,028	4,560
35	10	97 841	12 729,585	200 491,613	15,750	15,282	85	60	31 071	219,461	1 046,380	4,768	4,300
36	11	97 748	11 997,682	187 762,028	15,650	15,182	86	61	27 416	182,681	826,920	4,527	4,059
37	12	97 651	11 307,345	175 764,345	15,544	15,076	87	62	23 835	149,832	644,239	4,300	3,832
38	13	97 547	10 655,954	164 457,000	15,433	14,965	88	63	20 325	120,535	494,407	4,102	3,634
39	14	97 433	10 040,976	153 801,046	15,317	14,849	89	64	17 144	95,916	373,872	3,898	3,430
40	15	97 306	9 460,328	143 760,070	15,196	14,728	90	65	14 224	75,072	277,956	3,703	3,235
41	16	97 160	8 911,461	134 299,742	15,070	14,602	91	66	11 717	58,340	202,884	3,478	3,010
42	17	97 001	8 393,202	125 388,281	14,939	14,471	92	67	9 364	43,985	144,544	3,286	2,818
43	18	96 827	7 903,958	116 995,079	14,802	14,334	93	68	7 263	32,188	100,559	3,124	2,656
44	19	96 620	7 440,599	109 091,121	14,662	14,194	94	69	5 508	23,026	68,371	2,969	2,501
45	20	96 393	7 002,989	101 650,522	14,515	14,047	95	70	4 070	16,051	45,345	2,825	2,357
46	21	96 141	6 589,277	94 647,533	14,364	13,896	96	71	2 927	10,889	29,294	2,690	2,222
47	22	95 855	6 197,837	88 058,255	14,208	13,740	97	72	2 045	7,178	18,405	2,564	2,096
48	23	95 537	5 827,590	81 860,418	14,047	13,579	98	73	1 385	4,587	11,227	2,448	1,980
49	24	95 178	5 477,065	76 032,828	13,882	13,414	99	74	909	2,839	6,641	2,339	1,871
							100	75	576	1,699	3,802	2,238	1,770



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 654 377,912	16,544	16,075	50	50	93 003	4 487,976	56 830,540	12,663	12,194
1	1	99 275	93 435,433	1 554 377,912	16,636	16,167	51	51	92 389	4 196,106	52 342,564	12,474	12,006
2	2	99 212	87 882,935	1 460 942,479	16,624	16,155	52	52	91 717	3 920,526	48 146,457	12,281	11,812
3	3	99 177	82 684,098	1 373 059,544	16,606	16,138	53	53	90 982	3 660,329	44 225,931	12,083	11,614
4	4	99 147	77 797,420	1 290 375,447	16,586	16,118	54	54	90 185	3 414,841	40 565,602	11,879	11,411
5	5	99 121	73 201,777	1 212 578,026	16,565	16,097	55	55	89 321	3 183,198	37 150,761	11,671	11,203
6	6	99 101	68 881,587	1 139 376,250	16,541	16,073	56	56	88 386	2 964,579	33 967,564	11,458	10,989
7	7	99 082	64 817,697	1 070 494,663	16,515	16,047	57	57	87 395	2 758,904	31 002,985	11,237	10,769
8	8	99 064	60 993,895	1 005 676,966	16,488	16,020	58	58	86 341	2 565,306	28 244,081	11,010	10,542
9	9	99 049	57 396,935	944 683,071	16,459	15,990	59	59	85 187	2 382,144	25 678,775	10,780	10,311
10	10	99 034	54 012,578	887 286,137	16,427	15,959	60	60	83 967	2 209,891	23 296,631	10,542	10,074
11	11	99 017	50 826,727	833 273,559	16,394	15,926	61	61	82 622	2 046,592	21 086,740	10,303	9,835
12	12	99 000	47 828,469	782 446,832	16,359	15,891	62	62	81 229	1 893,721	19 040,148	10,054	9,586
13	13	98 982	45 006,873	734 618,363	16,322	15,854	63	63	79 727	1 749,368	17 146,427	9,802	9,333
14	14	98 963	42 351,534	689 611,490	16,283	15,815	64	64	78 155	1 614,004	15 397,060	9,540	9,071
15	15	98 935	39 848,760	647 259,956	16,243	15,775	65	65	76 477	1 486,456	13 783,056	9,272	8,804
16	16	98 902	37 492,141	607 411,195	16,201	15,733	66	66	74 702	1 366,549	12 296,600	8,998	8,530
17	17	98 856	35 270,587	569 919,054	16,158	15,690	67	67	72 853	1 254,327	10 930,051	8,714	8,246
18	18	98 805	33 178,687	534 648,468	16,114	15,646	68	68	70 895	1 148,804	9 675,724	8,422	7,954
19	19	98 729	31 202,828	501 469,781	16,071	15,603	69	69	68 821	1 049,596	8 526,920	8,124	7,656
20	20	98 654	29 345,041	470 266,953	16,025	15,557	70	70	66 595	955,901	7 477,323	7,822	7,354
21	21	98 574	27 596,539	440 921,912	15,977	15,509	71	71	64 247	867,953	6 521,423	7,514	7,045
22	22	98 497	25 952,955	413 325,373	15,926	15,458	72	72	61 752	785,175	5 653,470	7,200	6,732
23	23	98 419	24 406,957	387 372,418	15,871	15,403	73	73	59 028	706,387	4 868,295	6,892	6,423
24	24	98 342	22 953,380	362 965,460	15,813	15,345	74	74	56 145	632,366	4 161,907	6,581	6,113
25	25	98 263	21 585,827	340 012,080	15,752	15,283	75	75	53 072	562,599	3 529,542	6,274	5,805
26	26	98 183	20 299,507	318 426,253	15,686	15,218	76	76	49 829	497,144	2 966,943	5,968	5,500
27	27	98 097	19 088,649	298 126,746	15,618	15,150	77	77	46 421	435,900	2 469,798	5,666	5,198
28	28	98 010	17 949,782	279 038,096	15,545	15,077	78	78	42 837	378,582	2 033,898	5,372	4,904
29	29	97 924	16 879,058	261 088,314	15,468	15,000	79	79	39 108	325,298	1 655,316	5,089	4,620
30	30	97 833	15 871,549	244 209,256	15,387	14,918	80	80	35 359	276,814	1 330,018	4,805	4,336
31	31	97 742	14 923,908	228 337,707	15,300	14,832	81	81	31 529	232,307	1 053,204	4,534	4,065
32	32	97 637	14 031,044	213 413,799	15,210	14,742	82	82	27 725	192,262	820,897	4,270	3,801
33	33	97 531	13 191,259	199 382,755	15,115	14,646	83	83	23 995	156,609	628,635	4,014	3,546
34	34	97 425	12 401,798	186 191,496	15,013	14,545	84	84	20 410	125,377	472,026	3,765	3,296
35	35	97 306	11 658,116	173 789,698	14,907	14,439	85	85	17 005	98,314	346,649	3,526	3,058
36	36	97 181	10 958,176	162 131,582	14,795	14,327	86	86	13 800	75,091	248,335	3,307	2,839
37	37	97 047	10 299,365	151 173,405	14,678	14,210	87	87	10 900	55,823	173,243	3,103	2,635
38	38	96 900	9 678,845	140 874,041	14,555	14,086	88	88	8 281	39,915	117,420	2,942	2,473
39	39	96 738	9 094,329	131 195,196	14,426	13,958	89	89	6 150	27,898	77,505	2,778	2,310
40	40	96 557	8 543,308	122 100,867	14,292	13,824	90	90	4 421	18,875	49,606	2,628	2,160
41	41	96 357	8 024,075	113 557,559	14,152	13,684	91	91	3 126	12,563	30,731	2,446	1,978
42	42	96 134	7 534,586	105 533,484	14,007	13,538	92	92	2 083	7,878	18,169	2,306	1,838
43	43	95 888	7 073,242	97 998,898	13,855	13,387	93	93	1 322	4,707	10,291	2,186	1,718
44	44	95 602	6 637,353	90 925,656	13,699	13,231	94	94	803	2,691	5,584	2,075	1,607
45	45	95 291	6 226,578	84 288,303	13,537	13,069	95	95	465	1,465	2,893	1,974	1,506
46	46	94 933	5 838,275	78 061,725	13,371	12,902	96	96	256	0,758	1,428	1,882	1,414
47	47	94 524	5 471,213	72 223,450	13,201	12,732	97	97	133	0,372	0,669	1,799	1,331
48	48	94 068	5 124,540	66 752,238	13,026	12,558	98	98	66	0,173	0,297	1,723	1,255
49	49	93 563	4 797,158	61 627,698	12,847	12,378	99	99	30	0,075	0,125	1,654	1,186
							100	100	13	0,031	0,049	1,592	1,123

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 653 289,008	16,586	16,118	50	51	92 786	4 477,490	56 388,052	12,594	12,125
1	2	99 247	93 408,866	1 553 608,970	16,632	16,164	51	52	92 159	4 185,654	51 910,562	12,402	11,934
2	3	99 196	87 868,767	1 460 200,104	16,618	16,150	52	53	91 463	3 909,663	47 724,908	12,207	11,739
3	4	99 162	82 672,242	1 372 331,337	16,600	16,131	53	54	90 705	3 649,205	43 815,245	12,007	11,538
4	5	99 135	77 788,097	1 289 659,095	16,579	16,111	54	55	89 897	3 403,960	40 166,040	11,800	11,331
5	6	99 112	73 195,155	1 211 870,999	16,557	16,088	55	56	89 000	3 171,746	36 762,079	11,590	11,122
6	7	99 093	68 876,064	1 138 675,844	16,532	16,064	56	57	88 051	2 953,335	33 590,333	11,374	10,905
7	8	99 074	64 812,282	1 069 799,780	16,506	16,038	57	58	87 034	2 747,520	30 636,998	11,151	10,682
8	9	99 058	60 990,107	1 004 987,498	16,478	16,010	58	59	85 947	2 553,609	27 889,479	10,922	10,453
9	10	99 042	57 393,291	943 997,391	16,448	15,980	59	60	84 780	2 370,762	25 335,870	10,687	10,218
10	11	99 026	54 008,226	886 604,101	16,416	15,948	60	61	83 508	2 197,807	22 965,108	10,449	9,981
11	12	99 009	50 822,690	832 595,874	16,382	15,914	61	62	82 152	2 034,956	20 767,301	10,205	9,737
12	13	98 992	47 824,803	781 773,184	16,347	15,878	62	63	80 719	1 881,838	18 732,345	9,954	9,486
13	14	98 972	45 002,445	733 948,381	16,309	15,841	63	64	79 195	1 737,702	16 850,507	9,697	9,229
14	15	98 951	42 346,291	688 945,936	16,269	15,801	64	65	77 593	1 602,390	15 112,805	9,431	8,963
15	16	98 921	39 843,358	646 599,644	16,229	15,760	65	66	75 885	1 474,947	13 510,415	9,160	8,692
16	17	98 886	37 486,114	606 756,286	16,186	15,718	66	67	74 088	1 355,316	12 035,468	8,880	8,412
17	18	98 839	35 264,395	569 270,172	16,143	15,675	67	68	72 196	1 243,014	10 680,152	8,592	8,124
18	19	98 784	33 171,439	534 005,777	16,098	15,630	68	69	70 200	1 137,552	9 437,138	8,296	7,828
19	20	98 708	31 196,118	500 834,338	16,054	15,586	69	70	68 066	1 038,085	8 299,587	7,995	7,527
20	21	98 633	29 338,849	469 638,220	16,007	15,539	70	71	65 799	944,479	7 261,502	7,688	7,220
21	22	98 553	27 590,574	440 299,371	15,958	15,490	71	72	63 389	856,372	6 317,023	7,376	6,908
22	23	98 474	25 946,991	412 708,797	15,906	15,437	72	73	60 796	773,024	5 460,651	7,064	6,596
23	24	98 397	24 401,406	386 761,805	15,850	15,382	73	74	58 004	694,142	4 687,626	6,753	6,285
24	25	98 320	22 948,162	362 360,399	15,790	15,322	74	75	55 060	620,146	3 993,485	6,440	5,971
25	26	98 242	21 581,017	339 412,237	15,727	15,259	75	76	51 890	550,064	3 373,339	6,133	5,664
26	27	98 157	20 294,084	317 831,221	15,661	15,193	76	77	48 566	484,543	2 823,275	5,827	5,358
27	28	98 072	19 083,722	297 537,137	15,591	15,123	77	78	45 077	423,279	2 338,732	5,525	5,057
28	29	97 984	17 945,120	278 453,415	15,517	15,049	78	79	41 412	365,991	1 915,453	5,234	4,765
29	30	97 896	16 874,377	260 508,295	15,438	14,970	79	80	37 640	313,083	1 549,462	4,949	4,481
30	31	97 807	15 867,193	243 633,918	15,355	14,886	80	81	33 826	264,808	1 236,380	4,669	4,201
31	32	97 710	14 919,043	227 766,725	15,267	14,798	81	82	29 968	220,809	971,572	4,400	3,932
32	33	97 604	14 026,184	212 847,682	15,175	14,707	82	83	26 148	181,328	750,763	4,140	3,672
33	34	97 495	13 186,487	198 821,498	15,078	14,609	83	84	22 436	146,436	569,435	3,889	3,420
34	35	97 385	12 396,765	185 635,011	14,974	14,506	84	85	18 900	116,101	422,999	3,643	3,175
35	36	97 265	11 653,148	173 238,246	14,866	14,398	85	86	15 555	89,928	306,897	3,413	2,944
36	37	97 135	10 953,066	161 585,098	14,752	14,284	86	87	12 466	67,834	216,969	3,199	2,730
37	38	96 996	10 293,940	150 632,032	14,633	14,165	87	88	9 650	49,422	149,135	3,018	2,549
38	39	96 843	9 673,139	140 338,092	14,508	14,040	88	89	7 242	34,908	99,713	2,856	2,388
39	40	96 670	9 087,933	130 664,953	14,378	13,909	89	90	5 290	23,999	64,805	2,700	2,232
40	41	96 488	8 537,219	121 577,020	14,241	13,772	90	91	3 766	16,078	40,806	2,538	2,070
41	42	96 277	8 017,407	113 039,801	14,099	13,631	91	92	2 585	10,387	24,728	2,381	1,912
42	43	96 043	7 527,459	105 022,395	13,952	13,484	92	93	1 689	6,389	14,341	2,245	1,776
43	44	95 786	7 065,776	97 494,936	13,798	13,330	93	94	1 049	3,733	7,952	2,130	1,662
44	45	95 494	6 629,848	90 429,160	13,640	13,171	94	95	622	2,084	4,219	2,024	1,556
45	46	95 162	6 218,156	83 799,312	13,477	13,008	95	96	351	1,107	2,135	1,928	1,459
46	47	94 785	5 829,220	77 581,156	13,309	12,841	96	97	188	0,558	1,027	1,840	1,372
47	48	94 360	5 461,718	71 751,937	13,137	12,669	97	98	95	0,266	0,469	1,761	1,292
48	49	93 894	5 115,044	66 290,219	12,960	12,491	98	99	46	0,120	0,203	1,688	1,220
49	50	93 367	4 787,122	61 175,174	12,779	12,311	99	100	21	0,051	0,083	1,623	1,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 652 452,844	16,582	16,114	50	52	92 555	4 466,338	55 910,346	12,518	12,050
1	3	99 231	93 393,807	1 552 801,148	16,626	16,158	51	53	91 904	4 174,057	51 444,008	12,325	11,856
2	4	99 181	87 856,168	1 459 407,341	16,611	16,143	52	54	91 185	3 897,781	47 269,952	12,127	11,659
3	5	99 150	82 662,334	1 371 551,173	16,592	16,124	53	55	90 416	3 637,578	43 372,171	11,923	11,455
4	6	99 126	77 781,060	1 288 888,839	16,571	16,102	54	56	89 574	3 391,715	39 734,593	11,715	11,247
5	7	99 104	73 189,286	1 211 107,779	16,548	16,079	55	57	88 662	3 159,716	36 342,878	11,502	11,034
6	8	99 084	68 870,310	1 137 918,493	16,523	16,054	56	58	87 687	2 941,149	33 183,162	11,282	10,814
7	9	99 068	64 808,256	1 069 048,183	16,496	16,027	57	59	86 637	2 734,992	30 242,014	11,057	10,589
8	10	99 052	60 986,235	1 004 239,927	16,467	15,998	58	60	85 537	2 541,407	27 507,022	10,824	10,355
9	11	99 035	57 388,667	943 253,693	16,436	15,968	59	61	84 317	2 357,799	24 965,615	10,589	10,120
10	12	99 018	54 003,937	885 865,025	16,404	15,935	60	62	83 033	2 185,312	22 607,816	10,345	9,877
11	13	99 002	50 818,794	831 861,088	16,369	15,901	61	63	81 637	2 022,187	20 422,505	10,099	9,631
12	14	98 982	47 820,098	781 042,294	16,333	15,865	62	64	80 181	1 869,289	18 400,318	9,843	9,375
13	15	98 960	44 996,874	733 222,195	16,295	15,827	63	65	78 625	1 725,197	16 531,029	9,582	9,114
14	16	98 938	42 340,551	688 225,321	16,255	15,786	64	66	76 992	1 589,984	14 805,831	9,312	8,844
15	17	98 905	39 836,953	645 884,770	16,213	15,745	65	67	75 262	1 462,823	13 215,847	9,034	8,566
16	18	98 868	37 479,534	606 047,817	16,170	15,702	66	68	73 420	1 343,092	11 753,024	8,751	8,282
17	19	98 817	35 256,692	568 568,284	16,127	15,658	67	69	71 489	1 230,838	10 409,933	8,458	7,989
18	20	98 762	33 164,305	533 311,591	16,081	15,613	68	70	69 430	1 125,075	9 179,094	8,159	7,690
19	21	98 687	31 189,536	500 147,286	16,036	15,567	69	71	67 253	1 025,682	8 054,019	7,852	7,384
20	22	98 612	29 332,508	468 957,750	15,988	15,519	70	72	64 921	931,877	7 028,338	7,542	7,074
21	23	98 530	27 584,234	439 625,243	15,938	15,469	71	73	62 408	843,119	6 096,460	7,231	6,762
22	24	98 452	25 941,090	412 041,009	15,884	15,415	72	74	59 742	759,624	5 253,341	6,916	6,447
23	25	98 374	24 395,858	386 099,919	15,826	15,358	73	75	56 883	680,728	4 493,717	6,601	6,133
24	26	98 298	22 943,048	361 704,061	15,765	15,297	74	76	53 833	606,328	3 812,989	6,289	5,820
25	27	98 215	21 575,251	338 761,013	15,701	15,233	75	77	50 575	536,121	3 206,661	5,981	5,513
26	28	98 132	20 288,846	317 185,762	15,634	15,165	76	78	47 160	470,513	2 670,540	5,676	5,207
27	29	98 046	19 078,765	296 896,916	15,562	15,093	77	79	43 578	409,202	2 200,027	5,376	4,908
28	30	97 957	17 940,143	277 818,151	15,486	15,017	78	80	39 857	352,248	1 790,825	5,084	4,616
29	31	97 870	16 869,746	259 878,008	15,405	14,937	79	81	36 007	299,503	1 438,578	4,803	4,335
30	32	97 775	15 862,020	243 008,262	15,320	14,852	80	82	32 151	251,701	1 139,074	4,526	4,057
31	33	97 676	14 913,875	227 146,243	15,231	14,762	81	83	28 264	208,252	887,373	4,261	3,793
32	34	97 568	14 021,110	212 232,367	15,137	14,668	82	84	24 449	169,549	679,121	4,005	3,537
33	35	97 456	13 181,135	198 211,257	15,037	14,569	83	85	20 776	135,602	509,572	3,758	3,289
34	36	97 344	12 391,482	185 030,122	14,932	14,464	84	86	17 288	106,198	373,970	3,521	3,053
35	37	97 220	11 647,714	172 638,640	14,822	14,353	85	87	14 051	81,237	267,772	3,296	2,828
36	38	97 084	10 947,297	160 990,926	14,706	14,238	86	88	11 037	60,056	186,535	3,106	2,638
37	39	96 938	10 287,871	150 043,628	14,585	14,116	87	89	8 440	43,222	126,479	2,926	2,458
38	40	96 775	9 666,336	139 755,757	14,458	13,990	88	90	6 230	30,029	83,257	2,773	2,304
39	41	96 602	9 081,455	130 089,421	14,325	13,856	89	91	4 506	20,442	53,229	2,604	2,135
40	42	96 408	8 530,124	121 007,966	14,186	13,718	90	92	3 114	13,294	32,786	2,466	1,998
41	43	96 185	8 009,823	112 477,842	14,042	13,574	91	93	2 096	8,424	19,492	2,314	1,845
42	44	95 941	7 519,513	104 468,019	13,893	13,425	92	94	1 340	5,067	11,068	2,184	1,716
43	45	95 678	7 057,786	96 948,506	13,736	13,268	93	95	812	2,892	6,000	2,075	1,607
44	46	95 365	6 620,880	89 890,720	13,577	13,108	94	96	470	1,575	3,109	1,974	1,506
45	47	95 014	6 208,512	83 269,840	13,412	12,944	95	97	258	0,815	1,534	1,882	1,414
46	48	94 621	5 819,104	77 061,328	13,243	12,774	96	98	135	0,400	0,719	1,799	1,331
47	49	94 185	5 451,598	71 242,224	13,068	12,600	97	99	66	0,185	0,319	1,723	1,255
48	50	93 698	5 104,343	65 790,626	12,889	12,421	98	100	31	0,081	0,134	1,654	1,186
49	51	93 149	4 775,937	60 686,283	12,707	12,238							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 651 574,536	16,576	16,108	50	53	92 298	4 453,962	55 395,075	12,437	11,969
1	4	99 217	93 380,415	1 551 938,905	16,620	16,151	51	54	91 625	4 161,371	50 941,113	12,241	11,773
2	5	99 169	87 845,638	1 458 558,489	16,604	16,135	52	55	90 894	3 885,362	46 779,742	12,040	11,572
3	6	99 141	82 654,856	1 370 712,851	16,584	16,115	53	56	90 091	3 624,492	42 894,380	11,835	11,366
4	7	99 119	77 774,824	1 288 057,995	16,561	16,093	54	57	89 234	3 378,850	39 269,888	11,622	11,154
5	8	99 096	73 183,172	1 210 283,171	16,538	16,069	55	58	88 297	3 146,678	35 891,038	11,406	10,938
6	9	99 078	68 866,032	1 137 099,999	16,512	16,043	56	59	87 288	2 927,738	32 744,360	11,184	10,716
7	10	99 062	64 804,142	1 068 233,967	16,484	16,016	57	60	86 223	2 721,923	29 816,622	10,954	10,486
8	11	99 044	60 981,322	1 003 429,826	16,455	15,986	58	61	85 069	2 527,511	27 094,699	10,720	10,252
9	12	99 027	57 384,109	942 448,504	16,424	15,955	59	62	83 837	2 344,393	24 567,188	10,479	10,011
10	13	99 011	53 999,797	885 064,395	16,390	15,922	60	63	82 512	2 171,599	22 222,795	10,233	9,765
11	14	98 992	50 813,795	831 064,597	16,355	15,887	61	64	81 093	2 008,702	20 051,195	9,982	9,514
12	15	98 970	47 814,179	780 250,802	16,318	15,850	62	65	79 604	1 855,838	18 042,493	9,722	9,254
13	16	98 946	44 990,774	732 436,623	16,280	15,811	63	66	78 016	1 711,840	16 186,655	9,456	8,987
14	17	98 922	42 333,744	687 445,849	16,239	15,770	64	67	76 359	1 576,914	14 474,815	9,179	8,711
15	18	98 888	39 829,960	645 112,105	16,197	15,728	65	68	74 583	1 449,629	12 897,901	8,897	8,429
16	19	98 847	37 471,347	605 282,145	16,153	15,685	66	69	72 701	1 329,936	11 448,272	8,608	8,140
17	20	98 796	35 249,110	567 810,798	16,109	15,640	67	70	70 705	1 217,339	10 118,336	8,312	7,843
18	21	98 742	33 157,308	532 561,688	16,062	15,593	68	71	68 601	1 111,633	8 900,997	8,007	7,539
19	22	98 665	31 182,794	499 404,380	16,015	15,547	69	72	66 355	1 011,996	7 789,364	7,697	7,229
20	23	98 589	29 325,767	468 221,586	15,966	15,498	70	73	63 916	917,456	6 777,369	7,387	6,919
21	24	98 508	27 577,960	438 895,818	15,915	15,446	71	74	61 327	828,504	5 859,912	7,073	6,605
22	25	98 430	25 935,192	411 317,859	15,859	15,391	72	75	58 588	744,945	5 031,409	6,754	6,286
23	26	98 352	24 390,422	385 382,667	15,801	15,332	73	76	55 616	665,560	4 286,464	6,440	5,972
24	27	98 272	22 936,919	360 992,245	15,738	15,270	74	77	52 469	590,959	3 620,904	6,127	5,659
25	28	98 190	21 569,682	338 055,326	15,673	15,204	75	78	49 110	520,598	3 029,944	5,820	5,352
26	29	98 106	20 283,576	316 485,644	15,603	15,135	76	79	45 591	454,865	2 509,346	5,517	5,048
27	30	98 019	19 073,474	296 202,068	15,530	15,061	77	80	41 941	393,836	2 054,482	5,217	4,748
28	31	97 930	17 935,219	277 128,595	15,452	14,983	78	81	38 128	336,970	1 660,646	4,928	4,460
29	32	97 838	16 864,246	259 193,376	15,369	14,901	79	82	34 225	284,679	1 323,676	4,650	4,181
30	33	97 741	15 856,526	242 329,130	15,283	14,814	80	83	30 323	237,387	1 038,997	4,377	3,908
31	34	97 641	14 908,480	226 472,604	15,191	14,723	81	84	26 428	194,724	801,610	4,117	3,648
32	35	97 529	14 015,420	211 564,124	15,095	14,627	82	85	22 641	157,005	606,886	3,865	3,397
33	36	97 414	13 175,518	197 548,704	14,994	14,525	83	86	19 004	124,036	449,880	3,627	3,159
34	37	97 298	12 385,704	184 373,186	14,886	14,418	84	87	15 617	95,934	325,845	3,397	2,928
35	38	97 168	11 641,579	171 987,482	14,774	14,305	85	88	12 440	71,922	229,910	3,197	2,728
36	39	97 027	10 940,843	160 345,903	14,656	14,187	86	89	9 652	52,521	157,988	3,008	2,540
37	40	96 870	10 280,636	149 405,060	14,533	14,064	87	90	7 260	37,181	105,467	2,837	2,368
38	41	96 706	9 659,446	139 124,424	14,403	13,935	88	91	5 307	25,578	68,286	2,670	2,201
39	42	96 521	9 073,909	129 464,978	14,268	13,799	89	92	3 726	16,903	42,708	2,527	2,058
40	43	96 317	8 522,055	120 391,069	14,127	13,659	90	93	2 525	10,782	25,805	2,393	1,925
41	44	96 084	8 001,368	111 869,014	13,981	13,513	91	94	1 663	6,682	15,023	2,248	1,780
42	45	95 833	7 511,010	103 867,646	13,829	13,360	92	95	1 038	3,925	8,342	2,125	1,657
43	46	95 549	7 048,240	96 356,636	13,671	13,203	93	96	614	2,185	4,417	2,021	1,553
44	47	95 217	6 610,612	89 308,396	13,510	13,041	94	97	346	1,159	2,232	1,926	1,457
45	48	94 850	6 197,738	82 697,785	13,343	12,875	95	98	185	0,584	1,073	1,838	1,370
46	49	94 446	5 808,321	76 500,047	13,171	12,702	96	99	94	0,278	0,489	1,759	1,291
47	50	93 988	5 440,192	70 691,726	12,994	12,526	97	100	45	0,125	0,211	1,687	1,219
48	51	93 479	5 092,417	65 251,533	12,813	12,345							
49	52	92 917	4 764,041	60 159,116	12,628	12,159							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 650 637,588	16,569	16,101	50	54	92 018	4 440,426	54 840,401	12,350	11,882
1	5	99 205	93 369,224	1 551 016,244	16,612	16,143	51	55	91 333	4 148,112	50 399,975	12,150	11,682
2	6	99 161	87 837,692	1 457 647,020	16,595	16,126	52	56	90 567	3 871,384	46 251,862	11,947	11,479
3	7	99 133	82 648,229	1 369 809,328	16,574	16,106	53	57	89 749	3 610,744	42 380,478	11,737	11,269
4	8	99 110	77 768,326	1 287 161,099	16,551	16,083	54	58	88 866	3 364,908	38 769,734	11,522	11,053
5	9	99 090	73 178,626	1 209 392,773	16,527	16,058	55	59	87 894	3 132,330	35 404,826	11,303	10,835
6	10	99 072	68 861,660	1 136 214,146	16,500	16,032	56	60	86 871	2 913,748	32 272,496	11,076	10,608
7	11	99 054	64 798,921	1 067 352,486	16,472	16,003	57	61	85 752	2 707,040	29 358,747	10,845	10,377
8	12	99 036	60 976,478	1 002 553,565	16,442	15,973	58	62	84 585	2 513,141	26 651,707	10,605	10,137
9	13	99 019	57 379,711	941 577,087	16,410	15,941	59	63	83 311	2 329,683	24 138,567	10,361	9,893
10	14	99 001	53 994,485	884 197,376	16,376	15,907	60	64	81 962	2 157,118	21 808,884	10,110	9,642
11	15	98 980	50 807,505	830 202,890	16,340	15,872	61	65	80 509	1 994,248	19 351,766	9,854	9,386
12	16	98 957	47 807,697	779 395,386	16,303	15,834	62	66	78 988	1 841,469	17 657,518	9,589	9,120
13	17	98 930	44 983,541	731 587,689	16,263	15,795	63	67	77 375	1 697,769	15 816,049	9,316	8,847
14	18	98 904	42 326,313	686 604,147	16,222	15,753	64	68	75 670	1 562,691	14 118,280	9,035	8,566
15	19	98 866	39 821,260	644 277,834	16,179	15,711	65	69	73 852	1 435,430	12 555,589	8,747	8,279
16	20	98 825	37 463,288	604 456,575	16,135	15,666	66	70	71 904	1 315,350	11 120,159	8,454	7,986
17	21	98 775	35 241,673	566 993,286	16,089	15,620	67	71	69 860	1 202,794	9 804,809	8,152	7,683
18	22	98 720	33 150,141	531 751,613	16,041	15,572	68	72	67 685	1 096,800	8 602,016	7,843	7,374
19	23	98 643	31 175,628	498 601,472	15,993	15,525	69	73	65 328	996,335	7 505,215	7,533	7,064
20	24	98 567	29 319,097	467 425,844	15,943	15,474	70	74	62 808	901,552	6 508,880	7,220	6,751
21	25	98 485	27 571,690	438 106,746	15,890	15,421	71	75	60 142	812,493	5 607,329	6,901	6,433
22	26	98 408	25 929,412	410 535,057	15,833	15,364	72	76	57 282	728,346	4 794,835	6,583	6,115
23	27	98 326	24 383,906	384 605,644	15,773	15,305	73	77	54 206	648,690	4 066,489	6,269	5,800
24	28	98 247	22 930,998	360 221,739	15,709	15,241	74	78	50 949	573,848	3 417,799	5,956	5,488
25	29	98 164	21 564,080	337 290,741	15,641	15,173	75	79	47 477	503,284	2 843,950	5,651	5,182
26	30	98 079	20 277,950	315 726,661	15,570	15,102	76	80	43 879	437,784	2 340,666	5,347	4,878
27	31	97 992	19 068,239	295 448,711	15,494	15,026	77	81	40 122	376,754	1 902,882	5,051	4,582
28	32	97 898	17 929,372	276 380,472	15,415	14,947	78	82	36 241	320,291	1 526,128	4,765	4,296
29	33	97 804	16 858,405	258 451,100	15,331	14,862	79	83	32 279	268,490	1 205,837	4,491	4,023
30	34	97 706	15 850,789	241 592,695	15,242	14,773	80	84	28 353	221,967	937,347	4,223	3,755
31	35	97 601	14 902,430	225 741,906	15,148	14,680	81	85	24 473	180,317	715,380	3,967	3,499
32	36	97 487	14 009,447	210 839,476	15,050	14,581	82	86	20 709	143,613	535,063	3,726	3,257
33	37	97 369	13 169,374	196 830,029	14,946	14,478	83	87	17 167	112,048	391,449	3,494	3,025
34	38	97 247	12 379,180	183 660,655	14,836	14,368	84	88	13 827	84,934	279,402	3,290	2,821
35	39	97 111	11 634,716	171 281,475	14,722	14,253	85	89	10 879	62,899	194,467	3,092	2,623
36	40	96 959	10 933,149	159 646,759	14,602	14,134	86	90	8 303	45,180	131,569	2,912	2,444
37	41	96 801	10 273,308	148 713,610	14,476	14,007	87	91	6 184	31,671	86,388	2,728	2,259
38	42	96 625	9 651,419	138 440,302	14,344	13,876	88	92	4 388	21,150	54,718	2,587	2,119
39	43	96 430	9 065,325	128 788,883	14,207	13,738	89	93	3 022	13,709	33,568	2,449	1,980
40	44	96 215	8 513,060	119 723,558	14,064	13,595	90	94	2 003	8,551	19,859	2,322	1,854
41	45	95 975	7 992,320	111 210,498	13,915	13,446	91	95	1 288	5,176	11,308	2,185	1,717
42	46	95 703	7 500,851	103 218,178	13,761	13,293	92	96	784	2,966	6,132	2,068	1,600
43	47	95 401	7 037,309	95 717,328	13,601	13,133	93	97	452	1,608	3,167	1,969	1,501
44	48	95 052	6 599,140	88 680,019	13,438	12,970	94	98	248	0,830	1,559	1,878	1,410
45	49	94 674	6 186,253	82 080,879	13,268	12,800	95	99	129	0,406	0,729	1,796	1,327
46	50	94 248	5 796,170	75 894,626	13,094	12,626	96	100	63	0,188	0,323	1,720	1,252
47	51	93 769	5 427,482	70 098,456	12,915	12,447							
48	52	93 246	5 079,733	64 670,974	12,731	12,263							
49	53	92 659	4 750,841	59 591,242	12,543	12,075							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 649 635,694	16,561	16,093	50	55	91 725	4 426,278	54 244,370	12,255	11,787
1	6	99 196	93 360,778	1 550 026,289	16,603	16,134	51	56	91 004	4 133,189	49 818,092	12,053	11,585
2	7	99 153	87 830,649	1 456 665,511	16,585	16,117	52	57	90 224	3 856,700	45 684,903	11,846	11,377
3	8	99 125	82 641,324	1 368 834,862	16,564	16,095	53	58	89 379	3 595,845	41 828,203	11,632	11,164
4	9	99 104	77 763,496	1 286 193,537	16,540	16,071	54	59	88 461	3 349,565	38 232,357	11,414	10,946
5	10	99 084	73 173,981	1 208 430,042	16,514	16,046	55	60	87 474	3 117,363	34 882,792	11,190	10,721
6	11	99 064	68 856,113	1 135 256,061	16,487	16,019	56	61	86 396	2 897,816	31 765,429	10,962	10,493
7	12	99 046	64 793,775	1 066 399,948	16,458	15,990	57	62	85 264	2 691,649	28 867,613	10,725	10,257
8	13	99 029	60 971,804	1 001 606,174	16,427	15,959	58	63	84 055	2 497,371	26 175,963	10,481	10,013
9	14	99 009	57 374,066	940 634,369	16,395	15,926	59	64	82 756	2 314,147	23 678,592	10,232	9,764
10	15	98 989	53 987,801	883 260,303	16,360	15,892	60	65	81 372	2 141,596	21 364,445	9,976	9,508
11	16	98 966	50 800,617	829 272,502	16,324	15,856	61	66	79 886	1 978,807	19 222,850	9,714	9,246
12	17	98 941	47 800,011	778 471,885	16,286	15,818	62	67	78 338	1 826,333	17 244,042	9,442	8,974
13	18	98 913	44 975,645	730 671,874	16,246	15,778	63	68	76 677	1 682,456	15 417,709	9,164	8,695
14	19	98 883	42 317,067	685 696,228	16,204	15,735	64	69	74 929	1 547,384	13 735,253	8,876	8,408
15	20	98 845	39 812,696	643 379,161	16,160	15,692	65	70	73 042	1 419,687	12 187,869	8,585	8,117
16	21	98 805	37 455,384	603 566,465	16,114	15,646	66	71	71 045	1 299,633	10 768,182	8,286	7,817
17	22	98 754	35 234,056	566 111,081	16,067	15,599	67	72	68 928	1 186,745	9 468,549	7,979	7,510
18	23	98 698	33 142,524	530 877,025	16,018	15,550	68	73	66 638	1 079,827	8 281,804	7,670	7,201
19	24	98 620	31 168,537	497 734,502	15,969	15,501	69	74	64 196	979,063	7 201,977	7,356	6,888
20	25	98 544	29 312,431	466 565,964	15,917	15,449	70	75	61 594	884,130	6 222,914	7,038	6,570
21	26	98 463	27 565,546	437 253,533	15,862	15,394	71	76	58 802	794,390	5 338,784	6,721	6,252
22	27	98 381	25 922,485	409 687,988	15,804	15,336	72	77	55 830	709,885	4 544,394	6,402	5,933
23	28	98 301	24 377,611	383 765,502	15,743	15,274	73	78	52 637	629,908	3 834,509	6,087	5,619
24	29	98 221	22 925,042	359 387,891	15,677	15,208	74	79	49 255	554,763	3 204,601	5,777	5,308
25	30	98 137	21 558,098	336 462,849	15,607	15,139	75	80	45 694	484,385	2 649,838	5,471	5,002
26	31	98 052	20 272,385	314 904,751	15,534	15,065	76	81	41 976	418,796	2 165,453	5,171	4,702
27	32	97 960	19 062,022	294 632,366	15,457	14,988	77	82	38 136	358,106	1 746,657	4,877	4,409
28	33	97 864	17 923,162	275 570,343	15,375	14,907	78	83	34 180	302,077	1 388,550	4,597	4,128
29	34	97 768	16 852,306	257 647,181	15,289	14,820	79	84	30 182	251,049	1 086,474	4,328	3,859
30	35	97 666	15 844,357	240 794,876	15,198	14,729	80	85	26 256	205,544	835,424	4,064	3,596
31	36	97 559	14 896,079	224 950,519	15,101	14,633	81	86	22 385	164,937	629,880	3,819	3,351
32	37	97 442	14 002,914	210 054,440	15,001	14,532	82	87	18 708	129,733	464,943	3,584	3,115
33	38	97 318	13 162,438	196 051,526	14,895	14,426	83	88	15 199	99,200	335,210	3,379	2,911
34	39	97 190	12 371,882	182 889,088	14,783	14,314	84	89	12 092	74,278	236,009	3,177	2,709
35	40	97 043	11 626,534	170 517,206	14,666	14,198	85	90	9 359	54,107	161,731	2,989	2,521
36	41	96 890	10 925,356	158 890,672	14,543	14,075	86	91	7 073	38,485	107,624	2,797	2,328
37	42	96 721	10 264,771	147 965,317	14,415	13,947	87	92	5 113	26,187	69,139	2,640	2,172
38	43	96 534	9 642,289	137 700,546	14,281	13,813	88	93	3 559	17,153	42,952	2,504	2,036
39	44	96 328	9 055,756	128 058,256	14,141	13,673	89	94	2 397	10,873	25,799	2,373	1,905
40	45	96 106	8 503,433	119 002,500	13,995	13,526	90	95	1 551	6,624	14,927	2,253	1,785
41	46	95 845	7 981,510	110 499,067	13,844	13,376	91	96	973	3,910	8,303	2,123	1,655
42	47	95 555	7 489,218	102 517,557	13,689	13,220	92	97	577	2,183	4,392	2,012	1,544
43	48	95 235	7 025,096	95 028,340	13,527	13,059	93	98	323	1,151	2,210	1,919	1,451
44	49	94 876	6 586,912	88 003,244	13,360	12,892	94	99	172	0,577	1,058	1,833	1,364
45	50	94 476	6 173,311	81 416,332	13,188	12,720	95	100	87	0,274	0,481	1,754	1,286
46	51	94 028	5 782,627	75 243,020	13,012	12,544							
47	52	93 535	5 413,963	69 460,393	12,830	12,362							
48	53	92 988	5 065,658	64 046,430	12,643	12,175							
49	54	92 378	4 736,402	58 980,773	12,453	11,984							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 648 561,626	16,552	16,083	50	56	91 395	4 410,354	53 604,401	12,154	11,686
1	7	99 188	93 353,292	1 548 961,231	16,592	16,124	51	57	90 659	4 117,513	49 194,047	11,948	11,479
2	8	99 144	87 823,312	1 455 607,939	16,574	16,106	52	58	89 851	3 840,787	45 076,535	11,736	11,268
3	9	99 119	82 636,191	1 367 784,627	16,552	16,084	53	59	88 971	3 579,450	41 235,748	11,520	11,052
4	10	99 098	77 758,559	1 285 148,436	16,527	16,059	54	60	88 038	3 333,560	37 656,298	11,296	10,828
5	11	99 076	73 168,086	1 207 389,877	16,502	16,033	55	61	86 996	3 100,317	34 322,738	11,071	10,602
6	12	99 056	68 850,644	1 134 221,791	16,474	16,005	56	62	85 904	2 881,341	31 222,421	10,836	10,368
7	13	99 038	64 788,808	1 065 371,147	16,444	15,975	57	63	84 729	2 674,760	28 341,080	10,596	10,127
8	14	99 019	60 965,806	1 000 582,339	16,412	15,944	58	64	83 494	2 480,717	25 666,320	10,346	9,878
9	15	98 997	57 366,963	939 616,532	16,379	15,911	59	65	82 160	2 297,495	23 185,603	10,092	9,623
10	16	98 975	53 980,483	882 249,569	16,344	15,876	60	66	80 742	2 125,014	20 888,108	9,830	9,361
11	17	98 950	50 792,450	828 269,086	16,307	15,839	61	67	79 229	1 962,542	18 763,094	9,561	9,092
12	18	98 923	47 791,620	777 476,636	16,268	15,800	62	68	77 632	1 809,860	16 800,552	9,283	8,814
13	19	98 891	44 965,821	729 685,015	16,228	15,759	63	69	75 926	1 665,976	14 990,692	8,998	8,530
14	20	98 862	42 307,967	684 719,195	16,184	15,716	64	70	74 107	1 530,413	13 324,716	8,707	8,238
15	21	98 824	39 804,296	642 411,228	16,139	15,671	65	71	72 169	1 402,724	11 794,303	8,408	7,940
16	22	98 783	37 447,288	602 606,932	16,092	15,624	66	72	70 097	1 282,292	10 391,579	8,104	7,636
17	23	98 731	35 225,959	565 159,644	16,044	15,575	67	73	67 861	1 168,380	9 109,286	7,797	7,328
18	24	98 675	33 134,985	529 933,685	15,993	15,525	68	74	65 483	1 061,108	7 940,907	7,484	7,015
19	25	98 598	31 161,451	496 798,699	15,943	15,474	69	75	62 955	960,144	6 879,799	7,165	6,697
20	26	98 522	29 305,899	465 637,248	15,889	15,421	70	76	60 222	864,431	5 919,655	6,848	6,380
21	27	98 437	27 558,181	436 331,349	15,833	15,365	71	77	57 311	774,254	5 055,224	6,529	6,061
22	28	98 356	25 915,794	408 773,168	15,773	15,305	72	78	54 214	689,330	4 280,970	6,210	5,742
23	29	98 275	24 371,280	382 857,374	15,709	15,241	73	79	50 886	608,958	3 591,640	5,898	5,430
24	30	98 194	22 918,683	358 486,094	15,642	15,173	74	80	47 405	533,932	2 982,682	5,586	5,118
25	31	98 110	21 552,182	335 567,411	15,570	15,102	75	81	43 712	463,376	2 448,750	5,285	4,816
26	32	98 020	20 265,776	314 015,229	15,495	15,026	76	82	39 898	398,068	1 985,374	4,988	4,519
27	33	97 926	19 055,420	293 749,453	15,416	14,947	77	83	35 968	337,742	1 587,307	4,700	4,231
28	34	97 829	17 916,678	274 694,033	15,332	14,863	78	84	31 960	282,454	1 249,565	4,424	3,956
29	35	97 729	16 845,467	256 777,355	15,243	14,775	79	85	27 949	232,475	967,111	4,160	3,692
30	36	97 624	15 837,605	239 931,889	15,150	14,681	80	86	24 016	188,012	734,636	3,907	3,439
31	37	97 514	14 889,133	224 094,284	15,051	14,583	81	87	20 222	148,996	546,623	3,669	3,200
32	38	97 390	13 995,539	209 205,152	14,948	14,480	82	88	16 563	114,858	397,627	3,462	2,994
33	39	97 260	13 154,678	195 209,613	14,840	14,371	83	89	13 292	86,754	282,769	3,259	2,791
34	40	97 121	12 363,181	182 054,935	14,726	14,257	84	90	10 402	63,897	196,015	3,068	2,599
35	41	96 974	11 618,246	169 691,754	14,606	14,137	85	91	7 972	46,089	132,118	2,867	2,398
36	42	96 809	10 916,277	158 073,508	14,481	14,012	86	92	5 848	31,821	86,029	2,704	2,235
37	43	96 629	10 255,061	147 157,230	14,350	13,881	87	93	4 147	21,238	54,208	2,552	2,084
38	44	96 432	9 632,112	136 902,169	14,213	13,745	88	94	2 822	13,604	32,970	2,424	1,955
39	45	96 219	9 045,516	127 270,058	14,070	13,602	89	95	1 856	8,422	19,366	2,299	1,831
40	46	95 976	8 491,932	118 224,542	13,922	13,454	90	96	1 172	5,005	10,944	2,187	1,718
41	47	95 697	7 969,131	109 732,610	13,770	13,301	91	97	716	2,878	5,939	2,064	1,595
42	48	95 389	7 476,221	101 763,479	13,612	13,143	92	98	413	1,563	3,061	1,959	1,490
43	49	95 059	7 012,079	94 287,259	13,446	12,978	93	99	225	0,801	1,498	1,870	1,402
44	50	94 677	6 573,132	87 275,180	13,278	12,809	94	100	116	0,390	0,697	1,789	1,320
45	51	94 255	6 158,888	80 702,048	13,103	12,635							
46	52	93 794	5 768,224	74 543,161	12,923	12,455							
47	53	93 276	5 398,962	68 774,937	12,739	12,270							
48	54	92 705	5 050,262	63 375,975	12,549	12,081							
49	55	92 083	4 721,311	58 325,713	12,354	11,885							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 647 407,156	16,541	16,073	50	57	91 048	4 393,626	52 919,073	12,045	11,576
1	8	99 180	93 345,493	1 547 814,747	16,582	16,113	51	58	90 285	4 100,523	48 525,446	11,834	11,366
2	9	99 138	87 817,857	1 454 469,254	16,562	16,094	52	59	89 442	3 823,274	44 424,924	11,620	11,151
3	10	99 113	82 630,945	1 366 651,397	16,539	16,071	53	60	88 546	3 562,346	40 601,650	11,397	10,929
4	11	99 090	77 752,295	1 284 020,452	16,514	16,046	54	61	87 557	3 315,332	37 039,304	11,172	10,704
5	12	99 068	73 162,275	1 206 268,157	16,488	16,019	55	62	86 501	3 082,691	33 723,972	10,940	10,471
6	13	99 049	68 845,366	1 133 105,882	16,459	15,990	56	63	85 365	2 863,261	30 641,281	10,702	10,233
7	14	99 028	64 782,435	1 064 260,516	16,428	15,960	57	64	84 164	2 656,923	27 778,020	10,455	9,987
8	15	99 007	60 958,259	999 478,081	16,396	15,928	58	65	82 893	2 462,866	25 121,097	10,200	9,732
9	16	98 984	57 359,187	938 519,822	16,362	15,894	59	66	81 524	2 279,707	22 658,231	9,939	9,471
10	17	98 959	53 971,805	881 160,635	16,326	15,858	60	67	80 078	2 107,547	20 378,524	9,669	9,201
11	18	98 933	50 783,534	827 188,831	16,289	15,820	61	68	78 514	1 944,840	18 277,977	9,395	8,926
12	19	98 902	47 781,181	776 405,296	16,249	15,781	62	69	76 871	1 792,132	16 326,136	9,110	8,642
13	20	98 870	44 956,151	728 624,115	16,207	15,739	63	70	75 094	1 647,704	14 534,004	8,821	8,352
14	21	98 841	42 299,040	683 667,965	16,163	15,694	64	71	73 222	1 512,127	12 886,300	8,522	8,054
15	22	98 803	39 795,692	641 368,924	16,117	15,648	65	72	71 206	1 384,007	11 374,172	8,218	7,750
16	23	98 761	37 438,683	601 573,232	16,068	15,600	66	73	69 012	1 262,449	9 990,165	7,913	7,445
17	24	98 709	35 217,947	564 134,549	16,018	15,550	67	74	66 685	1 148,125	8 727,716	7,602	7,133
18	25	98 653	33 127,452	528 916,602	15,966	15,498	68	75	64 217	1 040,603	7 579,591	7,284	6,815
19	26	98 576	31 154,507	495 789,151	15,914	15,446	69	76	61 553	938,751	6 538,988	6,966	6,497
20	27	98 496	29 298,070	464 634,644	15,859	15,391	70	77	58 696	842,519	5 600,237	6,647	6,179
21	28	98 412	27 551,067	435 336,574	15,801	15,333	71	78	55 652	751,836	4 757,718	6,328	5,860
22	29	98 331	25 909,063	407 785,506	15,739	15,271	72	79	52 411	666,405	4 005,882	6,011	5,543
23	30	98 248	24 364,520	381 876,444	15,673	15,205	73	80	48 975	586,091	3 339,477	5,698	5,230
24	31	98 167	22 912,394	357 511,923	15,603	15,135	74	81	45 349	510,773	2 753,386	5,391	4,922
25	32	98 078	21 545,156	334 599,530	15,530	15,062	75	82	41 549	440,441	2 242,613	5,092	4,623
26	33	97 986	20 258,757	313 054,374	15,453	14,984	76	83	37 630	375,430	1 802,172	4,800	4,332
27	34	97 891	19 048,526	292 795,618	15,371	14,903	77	84	33 631	315,802	1 426,741	4,518	4,049
28	35	97 789	17 909,407	273 747,091	15,285	14,817	78	85	29 595	261,557	1 110,939	4,247	3,779
29	36	97 687	16 838,288	255 837,685	15,194	14,725	79	86	25 565	212,646	849,383	3,994	3,526
30	37	97 579	15 830,219	238 999,397	15,098	14,629	80	87	21 695	169,841	636,737	3,749	3,281
31	38	97 463	14 881,290	223 169,178	14,997	14,528	81	88	17 903	131,912	466,895	3,539	3,071
32	39	97 333	13 987,287	208 287,887	14,891	14,423	82	89	14 485	100,448	334,983	3,335	2,867
33	40	97 192	13 145,427	194 300,600	14,781	14,312	83	90	11 434	74,629	234,536	3,143	2,674
34	41	97 052	12 354,369	181 155,173	14,663	14,195	84	91	8 860	54,427	159,907	2,938	2,470
35	42	96 893	11 608,592	168 800,804	14,541	14,073	85	92	6 592	38,109	105,480	2,768	2,299
36	43	96 718	10 905,951	157 192,213	14,413	13,945	86	93	4 743	25,808	67,371	2,610	2,142
37	44	96 527	10 244,236	146 286,262	14,280	13,812	87	94	3 289	16,844	41,563	2,467	1,999
38	45	96 323	9 621,219	136 042,025	14,140	13,671	88	95	2 186	10,538	24,719	2,346	1,877
39	46	96 089	9 033,281	126 420,806	13,995	13,527	89	96	1 403	6,363	14,181	2,229	1,760
40	47	95 827	8 478,761	117 387,525	13,845	13,377	90	97	863	3,684	7,818	2,122	1,654
41	48	95 531	7 955,301	108 908,763	13,690	13,222	91	98	513	2,061	4,134	2,006	1,538
42	49	95 212	7 462,367	100 953,462	13,528	13,060	92	99	287	1,087	2,073	1,907	1,438
43	50	94 860	6 997,409	93 491,095	13,361	12,892	93	100	152	0,541	0,986	1,823	1,355
44	51	94 456	6 557,774	86 493,686	13,189	12,721							
45	52	94 020	6 143,547	79 935,912	13,011	12,543							
46	53	93 534	5 752,241	73 792,365	12,828	12,360							
47	54	92 993	5 382,553	68 040,124	12,641	12,173							
48	55	92 410	5 034,171	62 657,570	12,446	11,978							
49	56	91 752	4 704,326	57 623,399	12,249	11,781							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 646 165,648	16,530	16,062	50	58	90 672	4 375,497	52 185,929	11,927	11,459
1	9	99 173	93 339,696	1 546 581,559	16,569	16,101	51	59	89 873	4 081,826	47 810,432	11,713	11,245
2	10	99 132	87 812,282	1 453 241,864	16,549	16,081	52	60	89 014	3 805,005	43 728,606	11,492	11,024
3	11	99 105	82 624,289	1 365 429,582	16,526	16,057	53	61	88 062	3 542,867	39 923,601	11,269	10,800
4	12	99 082	77 746,120	1 282 805,294	16,500	16,032	54	62	87 059	3 296,483	36 380,734	11,036	10,568
5	13	99 060	73 156,667	1 205 059,174	16,472	16,004	55	63	85 958	3 063,347	33 084,251	10,800	10,332
6	14	99 039	68 838,594	1 131 902,508	16,443	15,974	56	64	84 796	2 844,167	30 020,903	10,555	10,087
7	15	99 016	64 774,415	1 063 063,913	16,412	15,943	57	65	83 559	2 637,804	27 176,736	10,303	9,834
8	16	98 993	60 949,996	998 289,499	16,379	15,910	58	66	82 251	2 443,798	24 538,932	10,041	9,573
9	17	98 968	57 349,965	937 339,503	16,344	15,876	59	67	80 854	2 260,968	22 095,134	9,772	9,304
10	18	98 942	53 962,330	879 989,537	16,307	15,839	60	68	79 356	2 088,538	19 834,166	9,497	9,028
11	19	98 911	50 772,441	826 027,207	16,269	15,801	61	69	77 745	1 925,790	17 745,628	9,215	8,746
12	20	98 881	47 770,905	775 254,766	16,229	15,760	62	70	76 028	1 772,477	15 819,838	8,925	8,457
13	21	98 849	44 946,665	727 483,860	16,185	15,717	63	71	74 196	1 628,017	14 047,361	8,629	8,160
14	22	98 819	42 289,898	682 537,195	16,139	15,671	64	72	72 245	1 491,951	12 419,344	8,324	7,856
15	23	98 780	39 786,548	640 247,297	16,092	15,624	65	73	70 105	1 362,590	10 927,393	8,020	7,551
16	24	98 738	37 430,167	600 460,750	16,042	15,574	66	74	67 816	1 240,564	9 564,803	7,710	7,242
17	25	98 686	35 209,940	563 030,582	15,991	15,522	67	75	65 396	1 125,939	8 324,239	7,393	6,925
18	26	98 631	33 120,070	527 820,642	15,937	15,468	68	76	62 787	1 017,417	7 198,300	7,075	6,607
19	27	98 550	31 146,184	494 700,573	15,883	15,415	69	77	59 992	914,955	6 180,883	6,755	6,287
20	28	98 470	29 290,507	463 554,389	15,826	15,358	70	78	56 996	818,125	5 265,928	6,437	5,968
21	29	98 386	27 543,912	434 263,882	15,766	15,298	71	79	53 801	726,832	4 447,803	6,119	5,651
22	30	98 303	25 901,876	406 719,970	15,702	15,234	72	80	50 443	641,381	3 720,971	5,802	5,333
23	31	98 221	24 357,833	380 818,094	15,634	15,166	73	81	46 851	560,671	3 079,591	5,493	5,024
24	32	98 135	22 904,924	356 460,261	15,563	15,094	74	82	43 105	485,492	2 518,920	5,188	4,720
25	33	98 044	21 537,693	333 555,337	15,487	15,019	75	83	39 186	415,394	2 033,428	4,895	4,427
26	34	97 951	20 251,427	312 017,643	15,407	14,939	76	84	35 185	351,043	1 618,034	4,609	4,141
27	35	97 851	19 040,796	291 766,216	15,323	14,855	77	85	31 143	292,437	1 266,991	4,333	3,864
28	36	97 748	17 901,774	272 725,420	15,235	14,766	78	86	27 071	239,247	974,554	4,073	3,605
29	37	97 642	16 830,436	254 823,646	15,141	14,672	79	87	23 094	192,094	735,307	3,828	3,359
30	38	97 527	15 821,882	237 993,210	15,042	14,574	80	88	19 207	150,367	543,213	3,613	3,144
31	39	97 405	14 872,517	222 171,328	14,938	14,470	81	89	15 657	115,362	392,846	3,405	2,937
32	40	97 264	13 977,451	207 298,811	14,831	14,363	82	90	12 460	86,408	277,484	3,211	2,743
33	41	97 123	13 136,057	193 321,361	14,717	14,248	83	91	9 740	63,569	191,076	3,006	2,537
34	42	96 971	12 344,102	180 185,304	14,597	14,129	84	92	7 326	45,004	127,507	2,833	2,365
35	43	96 801	11 597,611	167 841,202	14,472	14,004	85	93	5 346	30,907	82,503	2,669	2,201
36	44	96 615	10 894,439	156 243,591	14,342	13,873	86	94	3 762	20,469	51,596	2,521	2,052
37	45	96 418	10 232,652	145 349,152	14,204	13,736	87	95	2 548	13,048	31,128	2,386	1,917
38	46	96 193	9 608,206	135 116,500	14,063	13,594	88	96	1 652	7,962	18,080	2,271	1,802
39	47	95 940	9 019,271	125 508,294	13,916	13,447	89	97	1 032	4,683	10,118	2,160	1,692
40	48	95 661	8 464,047	116 489,022	13,763	13,294	90	98	618	2,638	5,435	2,060	1,592
41	49	95 354	7 940,560	108 024,975	13,604	13,136	91	99	357	1,434	2,797	1,951	1,482
42	50	95 013	7 446,756	100 084,415	13,440	12,972	92	100	194	0,734	1,363	1,857	1,389
43	51	94 638	6 981,060	92 637,659	13,270	12,802							
44	52	94 221	6 541,440	85 656,599	13,094	12,626							
45	53	93 760	6 126,524	79 115,160	12,914	12,445							
46	54	93 249	5 734,759	72 988,635	12,727	12,259							
47	55	92 696	5 365,404	67 253,876	12,535	12,066							
48	56	92 077	5 016,061	61 888,473	12,338	11,870							
49	57	91 404	4 686,483	56 872,412	12,135	11,667							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 644 831,590	16,518	16,050	50	59	90 259	4 355,546	51 403,086	11,802	11,333
1	10	99 167	93 333,770	1 545 253,687	16,556	16,088	51	60	89 444	4 062,321	47 047,540	11,581	11,113
2	11	99 124	87 805,208	1 451 919,917	16,536	16,067	52	61	88 528	3 784,200	42 985,219	11,359	10,891
3	12	99 097	82 617,726	1 364 114,710	16,511	16,043	53	62	87 561	3 522,724	39 201,019	11,128	10,660
4	13	99 074	77 740,160	1 281 496,983	16,484	16,016	54	63	86 513	3 275,798	35 678,295	10,891	10,423
5	14	99 050	73 149,470	1 203 756,823	16,456	15,988	55	64	85 385	3 042,919	32 402,496	10,648	10,180
6	15	99 027	68 830,072	1 130 607,353	16,426	15,958	56	65	84 186	2 823,701	29 359,577	10,398	9,929
7	16	99 003	64 765,634	1 061 777,281	16,394	15,926	57	66	82 912	2 617,381	26 535,876	10,138	9,670
8	17	98 977	60 940,197	997 011,647	16,360	15,892	58	67	81 575	2 423,710	23 918,495	9,869	9,400
9	18	98 950	57 339,898	936 071,450	16,325	15,857	59	68	80 125	2 240,575	21 494,785	9,593	9,125
10	19	98 920	53 950,543	878 731,551	16,288	15,819	60	69	78 579	2 068,080	19 254,210	9,310	8,842
11	20	98 890	50 761,523	824 781,008	16,248	15,780	61	70	76 893	1 904,669	17 186,129	9,023	8,555
12	21	98 860	47 760,826	774 019,486	16,206	15,738	62	71	75 120	1 751,299	15 281,460	8,726	8,257
13	22	98 828	44 936,950	726 258,660	16,162	15,693	63	72	73 206	1 606,295	13 530,162	8,423	7,955
14	23	98 797	42 280,180	681 321,709	16,114	15,646	64	73	71 127	1 468,863	11 923,867	8,118	7,649
15	24	98 758	39 777,498	639 041,530	16,065	15,597	65	74	68 889	1 338,969	10 455,004	7,808	7,340
16	25	98 716	37 421,657	599 264,032	16,014	15,545	66	75	66 505	1 216,591	9 116,035	7,493	7,025
17	26	98 664	35 202,093	561 842,374	15,960	15,492	67	76	63 939	1 100,852	7 899,444	7,176	6,707
18	27	98 604	33 111,221	526 640,281	15,905	15,437	68	77	61 195	991,628	6 798,593	6,856	6,388
19	28	98 524	31 138,144	493 529,060	15,850	15,381	69	78	58 255	888,464	5 806,965	6,536	6,068
20	29	98 445	29 282,900	462 390,916	15,790	15,322	70	79	55 101	790,915	4 918,501	6,219	5,750
21	30	98 359	27 536,272	433 108,016	15,729	15,260	71	80	51 781	699,539	4 127,586	5,900	5,432
22	31	98 276	25 894,768	405 571,744	15,662	15,194	72	81	48 255	613,562	3 428,047	5,587	5,119
23	32	98 189	24 349,892	379 676,976	15,593	15,124	73	82	44 532	532,920	2 814,485	5,281	4,813
24	33	98 101	22 896,991	355 327,084	15,519	15,050	74	83	40 653	457,883	2 281,565	4,983	4,514
25	34	98 009	21 529,901	332 430,093	15,440	14,972	75	84	36 640	388,410	1 823,682	4,695	4,227
26	35	97 911	20 243,209	310 900,192	15,358	14,890	76	85	32 582	325,071	1 435,272	4,415	3,947
27	36	97 810	19 032,682	290 656,983	15,271	14,803	77	86	28 487	267,494	1 110,201	4,150	3,682
28	37	97 702	17 893,427	271 624,302	15,180	14,712	78	87	24 455	216,124	842,707	3,899	3,431
29	38	97 590	16 821,571	253 730,875	15,084	14,615	79	88	20 446	170,068	626,583	3,684	3,216
30	39	97 470	15 812,553	236 909,304	14,982	14,514	80	89	16 798	131,502	456,515	3,472	3,003
31	40	97 337	14 862,058	221 096,750	14,877	14,408	81	90	13 469	99,238	325,013	3,275	2,807
32	41	97 195	13 967,488	206 234,693	14,765	14,297	82	91	10 614	73,603	225,775	3,067	2,599
33	42	97 042	13 125,141	192 267,205	14,649	14,180	83	92	8 053	52,562	152,173	2,895	2,427
34	43	96 880	12 332,426	179 142,064	14,526	14,058	84	93	5 942	36,499	99,610	2,729	2,261
35	44	96 699	11 585,369	166 809,639	14,398	13,930	85	94	4 240	24,513	63,111	2,575	2,106
36	45	96 506	10 882,119	155 224,270	14,264	13,796	86	95	2 914	15,855	38,599	2,434	1,966
37	46	96 288	10 218,812	144 342,150	14,125	13,657	87	96	1 925	9,858	22,744	2,307	1,839
38	47	96 043	9 593,304	134 123,339	13,981	13,513	88	97	1 216	5,860	12,885	2,199	1,731
39	48	95 774	9 003,619	124 530,034	13,831	13,363	89	98	739	3,354	7,025	2,095	1,627
40	49	95 484	8 448,364	115 526,415	13,674	13,206	90	99	430	1,835	3,672	2,001	1,533
41	50	95 154	7 923,948	107 078,051	13,513	13,045	91	100	241	0,968	1,837	1,898	1,429
42	51	94 791	7 429,357	99 154,103	13,346	12,878							
43	52	94 402	6 963,671	91 724,747	13,172	12,704							
44	53	93 960	6 523,314	84 761,075	12,994	12,525							
45	54	93 475	6 107,905	78 237,761	12,809	12,341							
46	55	92 952	5 716,487	72 129,856	12,618	12,150							
47	56	92 363	5 346,101	66 413,369	12,423	11,954							
48	57	91 728	4 997,035	61 067,267	12,221	11,752							
49	58	91 027	4 667,146	56 070,232	12,014	11,545							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 643 396,580	16,505	16,036	50	60	89 828	4 334,734	50 569,083	11,666	11,198
1	11	99 159	93 326,251	1 543 824,999	16,542	16,074	51	61	88 955	4 040,109	46 234,349	11,444	10,975
2	12	99 116	87 798,234	1 450 498,748	16,521	16,052	52	62	88 024	3 762,685	42 194,240	11,214	10,746
3	13	99 089	82 611,394	1 362 700,514	16,495	16,027	53	63	87 012	3 500,620	38 431,555	10,978	10,510
4	14	99 065	77 732,513	1 280 089,120	16,468	16,000	54	64	85 936	3 253,953	34 930,935	10,735	10,267
5	15	99 038	73 140,415	1 202 356,608	16,439	15,971	55	65	84 771	3 021,023	31 676,982	10,486	10,017
6	16	99 013	68 820,742	1 129 216,193	16,408	15,940	56	66	83 534	2 801,839	28 655,959	10,228	9,759
7	17	98 987	64 755,222	1 060 395,452	16,375	15,907	57	67	82 230	2 595,867	25 854,120	9,960	9,491
8	18	98 960	60 929,500	995 640,230	16,341	15,873	58	68	80 840	2 401,849	23 258,254	9,683	9,215
9	19	98 929	57 327,373	934 710,730	16,305	15,836	59	69	79 340	2 218,628	20 856,404	9,401	8,932
10	20	98 899	53 938,941	877 383,356	16,266	15,798	60	70	77 717	2 045,398	18 637,776	9,112	8,644
11	21	98 869	50 750,812	823 444,416	16,225	15,757	61	71	75 974	1 881,912	16 592,378	8,817	8,348
12	22	98 838	47 750,503	772 693,603	16,182	15,714	62	72	74 117	1 727,931	14 710,466	8,513	8,045
13	23	98 805	44 926,624	724 943,100	16,136	15,668	63	73	72 073	1 581,437	12 982,535	8,209	7,741
14	24	98 774	42 270,563	680 016,476	16,087	15,619	64	74	69 894	1 443,400	11 401,098	7,899	7,430
15	25	98 735	39 768,454	637 745,914	16,036	15,568	65	75	67 558	1 313,094	9 957,698	7,583	7,115
16	26	98 694	37 413,318	597 977,459	15,983	15,515	66	76	65 023	1 189,484	8 644,604	7,268	6,799
17	27	98 638	35 192,689	560 564,141	15,928	15,460	67	77	62 319	1 072,948	7 455,120	6,948	6,480
18	28	98 579	33 102,674	525 371,452	15,871	15,403	68	78	59 423	962,916	6 382,172	6,628	6,160
19	29	98 499	31 130,056	492 268,778	15,813	15,345	69	79	56 318	858,915	5 419,256	6,309	5,841
20	30	98 418	29 274,778	461 138,721	15,752	15,284	70	80	53 031	761,216	4 560,341	5,991	5,523
21	31	98 332	27 528,715	431 863,944	15,688	15,219	71	81	49 535	669,197	3 799,125	5,677	5,209
22	32	98 244	25 886,326	404 335,229	15,620	15,151	72	82	45 867	583,193	3 129,928	5,367	4,899
23	33	98 155	24 341,459	378 448,903	15,548	15,079	73	83	42 000	502,614	2 546,735	5,067	4,599
24	34	98 065	22 888,707	354 107,445	15,471	15,002	74	84	38 013	428,140	2 044,121	4,774	4,306
25	35	97 969	21 521,164	331 218,738	15,390	14,922	75	85	33 930	359,673	1 615,981	4,493	4,025
26	36	97 869	20 234,582	309 697,574	15,305	14,837	76	86	29 803	297,343	1 256,308	4,225	3,757
27	37	97 764	19 023,806	289 462,992	15,216	14,747	77	87	25 733	241,641	958,964	3,969	3,500
28	38	97 651	17 884,002	270 439,186	15,122	14,653	78	88	21 651	191,343	717,323	3,749	3,281
29	39	97 533	16 811,654	252 555,183	15,023	14,554	79	89	17 881	148,731	525,980	3,536	3,068
30	40	97 401	15 801,433	235 743,530	14,919	14,451	80	90	14 450	113,122	377,249	3,335	2,867
31	41	97 267	14 851,464	219 942,097	14,809	14,341	81	91	11 473	84,531	264,127	3,125	2,656
32	42	97 114	13 955,881	205 090,632	14,696	14,227	82	92	8 776	60,859	179,596	2,951	2,483
33	43	96 950	13 112,725	191 134,751	14,576	14,108	83	93	6 531	42,629	118,737	2,785	2,317
34	44	96 777	12 319,408	178 022,026	14,451	13,982	84	94	4 712	28,948	76,108	2,629	2,161
35	45	96 590	11 572,268	165 702,618	14,319	13,851	85	95	3 284	18,988	47,160	2,484	2,015
36	46	96 376	10 867,401	154 130,350	14,183	13,714	86	96	2 202	11,979	28,173	2,352	1,883
37	47	96 138	10 202,963	143 262,950	14,041	13,573	87	97	1 417	7,256	16,193	2,232	1,763
38	48	95 877	9 576,656	133 059,987	13,894	13,426	88	98	871	4,196	8,938	2,130	1,662
39	49	95 596	8 986,936	123 483,330	13,740	13,272	89	99	514	2,333	4,741	2,032	1,564
40	50	95 284	8 430,689	114 496,395	13,581	13,113	90	100	290	1,239	2,408	1,944	1,476
41	51	94 932	7 905,434	106 065,705	13,417	12,948							
42	52	94 555	7 410,852	98 160,271	13,245	12,777							
43	53	94 141	6 944,376	90 749,420	13,068	12,600							
44	54	93 674	6 503,489	83 805,043	12,886	12,418							
45	55	93 177	6 088,444	77 301,555	12,696	12,228							
46	56	92 618	5 695,922	71 213,111	12,502	12,034							
47	57	92 013	5 325,824	65 517,189	12,302	11,833							
48	58	91 349	4 976,416	60 191,364	12,095	11,627							
49	59	90 612	4 645,865	55 214,948	11,885	11,416							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 641 854,182	16,491	16,022	50	61	89 336	4 311,032	49 681,432	11,524	11,056
1	12	99 151	93 318,839	1 542 290,622	16,527	16,059	51	62	88 449	4 017,139	45 370,400	11,294	10,826
2	13	99 108	87 791,504	1 448 971,783	16,505	16,036	52	63	87 472	3 739,075	41 353,261	11,060	10,591
3	14	99 080	82 603,267	1 361 180,279	16,479	16,010	53	64	86 432	3 477,276	37 614,186	10,817	10,349
4	15	99 052	77 722,890	1 278 577,012	16,450	15,982	54	65	85 317	3 230,538	34 136,910	10,567	10,099
5	16	99 025	73 130,499	1 200 854,123	16,421	15,952	55	66	84 114	2 997,633	30 906,372	10,310	9,842
6	17	98 997	68 809,678	1 127 723,623	16,389	15,921	56	67	82 847	2 778,808	27 908,739	10,043	9,575
7	18	98 969	64 743,855	1 058 913,945	16,355	15,887	57	68	81 489	2 572,453	25 129,931	9,769	9,301
8	19	98 938	60 916,191	994 170,090	16,320	15,852	58	69	80 048	2 378,323	22 557,478	9,485	9,016
9	20	98 907	57 315,045	933 253,900	16,283	15,815	59	70	78 470	2 194,295	20 179,155	9,196	8,728
10	21	98 878	53 927,560	875 938,855	16,243	15,775	60	71	76 788	2 020,960	17 984,860	8,899	8,431
11	22	98 848	50 739,843	822 011,295	16,201	15,732	61	72	74 960	1 856,801	15 963,900	8,598	8,129
12	23	98 816	47 739,530	771 271,452	16,156	15,687	62	73	72 971	1 701,191	14 107,099	8,292	7,824
13	24	98 783	44 916,405	723 531,922	16,108	15,640	63	74	70 824	1 554,022	12 405,907	7,983	7,515
14	25	98 752	42 260,952	678 615,516	16,058	15,589	64	75	68 543	1 415,507	10 851,885	7,666	7,198
15	26	98 713	39 759,592	636 354,564	16,005	15,537	65	76	66 053	1 283,837	9 436,378	7,350	6,882
16	27	98 667	37 403,323	596 594,972	15,950	15,482	66	77	63 375	1 159,333	8 152,541	7,032	6,564
17	28	98 613	35 183,605	559 191,649	15,894	15,425	67	78	60 514	1 041,881	6 993,208	6,712	6,244
18	29	98 553	33 094,076	524 008,044	15,834	15,366	68	79	57 447	930,891	5 951,327	6,393	5,925
19	30	98 471	31 121,422	490 913,968	15,774	15,306	69	80	54 203	826,662	5 020,435	6,073	5,605
20	31	98 391	29 266,743	459 792,546	15,710	15,242	70	81	50 731	728,200	4 193,773	5,759	5,291
21	32	98 300	27 519,740	430 525,802	15,644	15,176	71	82	47 083	636,075	3 465,573	5,448	4,980
22	33	98 210	25 877,360	403 006,063	15,574	15,105	72	83	43 258	550,028	2 829,498	5,144	4,676
23	34	98 119	24 332,652	377 128,703	15,499	15,031	73	84	39 272	469,965	2 279,470	4,850	4,382
24	35	98 026	22 879,418	352 796,050	15,420	14,951	74	85	35 200	396,463	1 809,506	4,564	4,096
25	36	97 927	21 511,993	329 916,632	15,336	14,868	75	86	31 036	328,995	1 413,042	4,295	3,827
26	37	97 824	20 225,146	308 404,640	15,249	14,780	76	87	26 922	268,606	1 084,047	4,036	3,567
27	38	97 712	19 013,787	288 179,494	15,156	14,688	77	88	22 783	213,934	815,442	3,812	3,343
28	39	97 593	17 873,458	269 165,707	15,060	14,591	78	89	18 934	167,337	601,508	3,595	3,126
29	40	97 464	16 799,831	251 292,249	14,958	14,490	79	90	15 382	127,943	434,171	3,393	2,925
30	41	97 332	15 790,170	234 492,418	14,851	14,382	80	91	12 308	96,358	306,228	3,178	2,710
31	42	97 186	14 839,123	218 702,248	14,738	14,270	81	92	9 486	69,895	209,870	3,003	2,534
32	43	97 022	13 942,680	203 863,125	14,622	14,153	82	93	7 117	49,358	139,975	2,836	2,368
33	44	96 848	13 098,884	189 920,446	14,499	14,031	83	94	5 180	33,810	90,617	2,680	2,212
34	45	96 668	12 305,477	176 821,561	14,369	13,901	84	95	3 650	22,423	56,808	2,533	2,065
35	46	96 459	11 556,616	164 516,084	14,236	13,767	85	96	2 481	14,346	34,384	2,397	1,928
36	47	96 226	10 850,546	152 959,469	14,097	13,629	86	97	1 620	8,817	20,038	2,273	1,804
37	48	95 972	10 185,257	142 108,923	13,952	13,484	87	98	1 014	5,195	11,221	2,160	1,691
38	49	95 699	9 558,911	131 923,666	13,801	13,333	88	99	606	2,919	6,026	2,064	1,596
39	50	95 396	8 968,135	122 364,755	13,644	13,176	89	100	347	1,575	3,107	1,972	1,504
40	51	95 062	8 410,991	113 396,620	13,482	13,014							
41	52	94 695	7 885,743	104 985,629	13,313	12,845							
42	53	94 293	7 390,317	97 099,886	13,139	12,670							
43	54	93 855	6 923,271	89 709,568	12,958	12,489							
44	55	93 376	6 482,768	82 786,297	12,770	12,302							
45	56	92 842	6 066,541	76 303,530	12,578	12,109							
46	57	92 267	5 674,318	70 236,989	12,378	11,910							
47	58	91 633	5 303,848	64 562,671	12,173	11,704							
48	59	90 933	4 953,725	59 258,823	11,962	11,494							
49	60	90 179	4 623,666	54 305,097	11,745	11,277							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 640 199,307	16,475	16,007	50	62	88 828	4 286,522	48 739,735	11,370	10,902
1	13	99 144	93 311,686	1 540 643,654	16,511	16,042	51	63	87 894	3 991,932	44 453,213	11,136	10,667
2	14	99 099	87 782,868	1 447 331,968	16,488	16,019	52	64	86 889	3 714,140	40 461,281	10,894	10,425
3	15	99 067	82 593,041	1 359 549,101	16,461	15,992	53	65	85 810	3 452,254	36 747,141	10,644	10,176
4	16	99 039	77 712,354	1 276 956,060	16,432	15,963	54	66	84 657	3 205,526	33 294,887	10,387	9,918
5	17	99 009	73 118,743	1 199 243,706	16,401	15,933	55	67	83 423	2 972,993	30 089,360	10,121	9,653
6	18	98 980	68 797,599	1 126 124,963	16,369	15,900	56	68	82 100	2 753,744	27 116,367	9,847	9,379
7	19	98 948	64 729,713	1 057 327,364	16,334	15,866	57	69	80 690	2 547,255	24 362,623	9,564	9,096
8	20	98 917	60 903,090	992 597,652	16,298	15,830	58	70	79 170	2 352,238	21 815,368	9,274	8,806
9	21	98 887	57 302,952	931 694,561	16,259	15,791	59	71	77 532	2 168,077	19 463,129	8,977	8,509
10	22	98 857	53 915,904	874 391,609	16,218	15,749	60	72	75 764	1 993,994	17 295,052	8,674	8,205
11	23	98 825	50 728,183	820 475,705	16,174	15,706	61	73	73 800	1 828,067	15 301,058	8,370	7,902
12	24	98 793	47 728,672	769 747,522	16,128	15,659	62	74	71 706	1 671,700	13 472,991	8,059	7,591
13	25	98 760	44 906,193	722 018,851	16,078	15,610	63	75	69 455	1 523,992	11 801,291	7,744	7,275
14	26	98 730	42 251,535	677 112,657	16,026	15,557	64	76	67 016	1 383,968	10 277,299	7,426	6,958
15	27	98 687	39 748,970	634 861,123	15,972	15,503	65	77	64 378	1 251,295	8 893,331	7,107	6,639
16	28	98 642	37 393,668	595 112,153	15,915	15,446	66	78	61 540	1 125,766	7 642,036	6,788	6,320
17	29	98 587	35 174,466	557 718,485	15,856	15,387	67	79	58 502	1 007,230	6 516,270	6,469	6,001
18	30	98 526	33 084,897	522 544,018	15,794	15,326	68	80	55 290	895,936	5 509,040	6,149	5,681
19	31	98 444	31 112,881	489 459,121	15,732	15,263	69	81	51 852	790,807	4 613,104	5,833	5,365
20	32	98 358	29 257,202	458 346,240	15,666	15,198	70	82	48 220	692,157	3 822,297	5,522	5,054
21	33	98 266	27 510,209	429 089,038	15,597	15,129	71	83	44 405	599,903	3 130,140	5,218	4,749
22	34	98 175	25 867,998	401 578,830	15,524	15,056	72	84	40 448	514,299	2 530,237	4,920	4,451
23	35	98 080	24 322,778	375 710,832	15,447	14,979	73	85	36 366	435,194	2 015,939	4,632	4,164
24	36	97 984	22 869,668	351 388,054	15,365	14,896	74	86	32 198	362,647	1 580,745	4,359	3,891
25	37	97 882	21 501,961	328 518,387	15,279	14,810	75	87	28 036	297,198	1 218,098	4,099	3,630
26	38	97 772	20 214,494	307 016,425	15,188	14,720	76	88	23 835	237,807	920,900	3,872	3,404
27	39	97 655	19 002,577	286 801,932	15,093	14,624	77	89	19 924	187,093	683,093	3,651	3,183
28	40	97 524	17 860,889	267 799,355	14,994	14,525	78	90	16 288	143,948	495,999	3,446	2,977
29	41	97 395	16 787,856	249 938,466	14,888	14,420	79	91	13 102	108,982	352,051	3,230	2,762
30	42	97 251	15 777,049	233 150,610	14,778	14,309	80	92	10 177	79,674	243,069	3,051	2,582
31	43	97 094	14 825,086	217 373,562	14,663	14,194	81	93	7 693	56,686	163,395	2,882	2,414
32	44	96 920	13 927,962	202 548,476	14,543	14,074	82	94	5 645	39,146	106,709	2,726	2,258
33	45	96 738	13 084,072	188 620,514	14,416	13,948	83	95	4 013	26,189	67,562	2,580	2,111
34	46	96 537	12 288,833	175 536,442	14,284	13,816	84	96	2 758	16,942	41,373	2,442	1,974
35	47	96 310	11 538,692	163 247,609	14,148	13,679	85	97	1 826	10,559	24,431	2,314	1,845
36	48	96 059	10 831,716	151 708,917	14,006	13,538	86	98	1 160	6,313	13,872	2,197	1,729
37	49	95 794	10 166,384	140 877,201	13,857	13,389	87	99	706	3,615	7,559	2,091	1,623
38	50	95 499	9 538,913	130 710,817	13,703	13,235	88	100	409	1,971	3,944	2,001	1,533
39	51	95 173	8 947,181	121 171,904	13,543	13,075							
40	52	94 825	8 390,041	112 224,723	13,376	12,908							
41	53	94 433	7 863,893	103 834,682	13,204	12,736							
42	54	94 006	7 367,857	95 970,789	13,026	12,557							
43	55	93 556	6 901,212	88 602,932	12,839	12,370							
44	56	93 040	6 459,446	81 701,719	12,648	12,180							
45	57	92 490	6 043,531	75 242,274	12,450	11,982							
46	58	91 886	5 650,904	69 198,743	12,246	11,777							
47	59	91 215	5 279,665	63 547,839	12,036	11,568							
48	60	90 498	4 930,055	58 268,174	11,819	11,351							
49	61	89 686	4 598,384	53 338,119	11,599	11,131							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 638 424,698	16,459	15,990	50	63	88 271	4 259,625	47 741,439	11,208	10,740
1	14	99 134	93 302,507	1 538 876,676	16,493	16,025	51	64	87 308	3 965,312	43 481,814	10,966	10,497
2	15	99 086	87 772,001	1 445 574,170	16,470	16,001	52	65	86 263	3 687,414	39 516,502	10,717	10,248
3	16	99 054	82 581,845	1 357 802,169	16,442	15,974	53	66	85 145	3 425,525	35 829,088	10,459	9,991
4	17	99 023	77 699,860	1 275 220,325	16,412	15,944	54	67	83 961	3 179,178	32 403,563	10,192	9,724
5	18	98 991	73 105,908	1 197 520,464	16,381	15,912	55	68	82 670	2 946,178	29 224,385	9,919	9,451
6	19	98 958	68 782,571	1 124 414,557	16,347	15,879	56	69	81 296	2 726,771	26 278,208	9,637	9,169
7	20	98 927	64 715,792	1 055 631,985	16,312	15,843	57	70	79 805	2 519,318	23 551,437	9,348	8,880
8	21	98 896	60 890,240	990 916,193	16,274	15,805	58	71	78 224	2 324,133	21 032,119	9,049	8,581
9	22	98 865	57 290,566	930 025,953	16,233	15,765	59	72	76 498	2 139,149	18 707,985	8,746	8,277
10	23	98 834	53 903,514	872 735,387	16,191	15,722	60	73	74 591	1 963,137	16 568,837	8,440	7,972
11	24	98 803	50 716,645	818 831,872	16,145	15,677	61	74	72 521	1 796,377	14 605,700	8,131	7,662
12	25	98 771	47 717,820	768 115,228	16,097	15,629	62	75	70 320	1 639,396	12 809,323	7,813	7,345
13	26	98 738	44 896,186	720 397,408	16,046	15,577	63	76	67 908	1 490,036	11 169,927	7,496	7,028
14	27	98 703	42 240,247	675 501,221	15,992	15,524	64	77	65 317	1 348,888	9 679,891	7,176	6,708
15	28	98 662	39 738,710	633 260,974	15,936	15,467	65	78	62 514	1 215,064	8 331,004	6,856	6,388
16	29	98 616	37 383,956	593 522,265	15,876	15,408	66	79	59 493	1 088,325	7 115,939	6,538	6,070
17	30	98 560	35 164,710	556 138,309	15,815	15,347	67	80	56 305	969,408	6 027,614	6,218	5,749
18	31	98 499	33 075,817	520 973,599	15,751	15,283	68	81	52 892	857,076	5 058,206	5,902	5,433
19	32	98 412	31 102,737	487 897,781	15,687	15,218	69	82	49 286	751,666	4 201,130	5,589	5,121
20	33	98 324	29 247,069	456 795,044	15,618	15,150	70	83	45 478	652,795	3 449,465	5,284	4,816
21	34	98 230	27 500,256	427 547,975	15,547	15,079	71	84	41 521	560,934	2 796,669	4,986	4,517
22	35	98 135	25 857,500	400 047,720	15,471	15,003	72	85	37 456	476,248	2 235,736	4,694	4,226
23	36	98 038	24 312,412	374 190,220	15,391	14,923	73	86	33 264	398,074	1 759,488	4,420	3,952
24	37	97 938	22 859,003	349 877,807	15,306	14,838	74	87	29 086	327,598	1 361,414	4,156	3,687
25	38	97 830	21 490,636	327 018,804	15,217	14,748	75	88	24 821	263,121	1 033,816	3,929	3,461
26	39	97 715	20 202,576	305 528,168	15,123	14,655	76	89	20 845	207,971	770,695	3,706	3,237
27	40	97 586	18 989,213	285 325,592	15,026	14,557	77	90	17 140	160,944	562,724	3,496	3,028
28	41	97 455	17 848,157	266 336,379	14,922	14,454	78	91	13 874	122,616	401,781	3,277	2,808
29	42	97 314	16 773,906	248 488,222	14,814	14,346	79	92	10 834	90,113	279,165	3,098	2,630
30	43	97 159	15 762,124	231 714,316	14,701	14,232	80	93	8 254	64,617	189,052	2,926	2,457
31	44	96 992	14 809,437	215 952,192	14,582	14,114	81	94	6 102	44,959	124,435	2,768	2,299
32	45	96 810	13 912,212	201 142,754	14,458	13,990	82	95	4 373	30,323	79,477	2,621	2,153
33	46	96 607	13 066,375	187 230,542	14,329	13,861	83	96	3 032	19,787	49,153	2,484	2,016
34	47	96 387	12 269,774	174 164,168	14,195	13,726	84	97	2 030	12,469	29,366	2,355	1,887
35	48	96 142	11 518,668	161 894,394	14,055	13,587	85	98	1 308	7,561	16,897	2,235	1,766
36	49	95 881	10 811,645	150 375,726	13,909	13,440	86	99	807	4,392	9,336	2,126	1,657
37	50	95 593	10 145,115	139 564,080	13,757	13,288	87	100	476	2,440	4,944	2,026	1,558
38	51	95 276	9 516,626	129 418,965	13,599	13,131							
39	52	94 936	8 924,895	119 902,340	13,435	12,966							
40	53	94 562	8 366,794	110 977,444	13,264	12,796							
41	54	94 146	7 839,993	102 610,651	13,088	12,620							
42	55	93 707	7 344,382	94 770,657	12,904	12,435							
43	56	93 219	6 876,385	87 426,275	12,714	12,246							
44	57	92 687	6 434,946	80 549,890	12,518	12,049							
45	58	92 108	6 018,594	74 114,945	12,314	11,846							
46	59	91 467	5 625,138	68 096,351	12,106	11,637							
47	60	90 779	5 254,437	62 471,213	11,889	11,421							
48	61	90 004	4 903,098	57 216,776	11,670	11,201							
49	62	89 176	4 572,240	52 313,678	11,442	10,973							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 636 522,529	16,441	15,973	50	64	87 682	4 231,219	46 685,579	11,034	10,565
1	15	99 122	93 290,956	1 536 984,301	16,475	16,007	51	65	86 680	3 936,778	42 454,360	10,784	10,316
2	16	99 073	87 760,102	1 443 693,345	16,450	15,982	52	66	85 596	3 658,864	38 517,582	10,527	10,059
3	17	99 038	82 568,569	1 355 933,242	16,422	15,954	53	67	84 445	3 397,368	34 858,717	10,261	9,792
4	18	99 006	77 686,221	1 273 364,674	16,391	15,923	54	68	83 204	3 150,503	31 461,349	9,986	9,518
5	19	98 970	73 089,939	1 195 678,453	16,359	15,891	55	69	81 861	2 917,319	28 310,846	9,704	9,236
6	20	98 937	68 767,779	1 122 588,514	16,324	15,856	56	70	80 404	2 696,865	25 393,527	9,416	8,948
7	21	98 906	64 702,138	1 053 820,735	16,287	15,819	57	71	78 852	2 489,217	22 696,662	9,118	8,650
8	22	98 875	60 877,079	989 118,597	16,248	15,779	58	72	77 180	2 293,122	20 207,445	8,812	8,344
9	23	98 843	57 277,401	928 241,518	16,206	15,738	59	73	75 314	2 106,045	17 914,323	8,506	8,038
10	24	98 812	53 891,254	870 964,117	16,162	15,693	60	74	73 298	1 929,105	15 808,278	8,195	7,726
11	25	98 780	50 705,114	817 072,863	16,114	15,646	61	75	71 119	1 761,663	13 879,173	7,878	7,410
12	26	98 749	47 707,187	766 367,749	16,064	15,596	62	76	68 753	1 602,869	12 117,510	7,560	7,092
13	27	98 712	44 884,192	718 660,562	16,011	15,543	63	77	66 187	1 452,267	10 514,641	7,240	6,772
14	28	98 678	42 229,343	673 776,370	15,955	15,487	64	78	63 426	1 309,832	9 062,375	6,919	6,450
15	29	98 636	39 728,388	631 547,027	15,897	15,428	65	79	60 435	1 174,654	7 752,543	6,600	6,132
16	30	98 589	37 373,587	591 818,639	15,835	15,367	66	80	57 259	1 047,457	6 577,889	6,280	5,812
17	31	98 533	35 155,060	554 445,052	15,771	15,303	67	81	53 863	927,362	5 530,432	5,964	5,495
18	32	98 467	33 065,034	519 289,993	15,705	15,237	68	82	50 274	814,655	4 603,070	5,650	5,182
19	33	98 378	31 091,965	486 224,959	15,638	15,170	69	83	46 483	708,920	3 788,415	5,344	4,876
20	34	98 289	29 236,487	455 132,993	15,567	15,099	70	84	42 524	610,390	3 079,496	5,045	4,577
21	35	98 190	27 489,095	425 896,506	15,493	15,025	71	85	38 449	519,432	2 469,105	4,753	4,285
22	36	98 093	25 846,481	398 407,411	15,414	14,946	72	86	34 261	435,626	1 949,673	4,476	4,007
23	37	97 992	24 301,075	372 560,930	15,331	14,863	73	87	30 049	359,601	1 514,046	4,210	3,742
24	38	97 887	22 846,964	348 259,855	15,243	14,775	74	88	25 751	290,035	1 154,446	3,980	3,512
25	39	97 772	21 477,966	325 412,892	15,151	14,683	75	89	21 707	230,109	864,411	3,757	3,288
26	40	97 646	20 188,368	303 934,926	15,055	14,587	76	90	17 932	178,903	634,302	3,546	3,077
27	41	97 517	18 975,677	283 746,557	14,953	14,485	77	91	14 600	137,092	455,398	3,322	2,853
28	42	97 374	17 833,326	264 770,880	14,847	14,379	78	92	11 472	101,385	318,306	3,140	2,671
29	43	97 222	16 758,038	246 937,554	14,735	14,267	79	93	8 786	73,083	216,921	2,968	2,500
30	44	97 056	15 745,487	230 179,516	14,619	14,150	80	94	6 546	51,249	143,838	2,807	2,338
31	45	96 882	14 792,690	214 434,029	14,496	14,028	81	95	4 727	34,825	92,589	2,659	2,190
32	46	96 680	13 893,395	199 641,338	14,370	13,901	82	96	3 304	22,911	57,764	2,521	2,053
33	47	96 458	13 046,110	185 747,943	14,238	13,769	83	97	2 231	14,564	34,853	2,393	1,925
34	48	96 220	12 248,481	172 701,834	14,100	13,632	84	98	1 453	8,929	20,289	2,272	1,804
35	49	95 964	11 497,324	160 453,353	13,956	13,487	85	99	910	5,260	11,361	2,160	1,691
36	50	95 681	10 789,027	148 956,029	13,806	13,338	86	100	545	2,965	6,101	2,057	1,589
37	51	95 370	10 121,411	138 167,002	13,651	13,183							
38	52	95 039	9 492,922	128 045,591	13,489	13,020							
39	53	94 673	8 900,166	118 552,669	13,320	12,852							
40	54	94 275	8 341,366	109 652,503	13,146	12,677							
41	55	93 846	7 815,014	101 311,137	12,964	12,495							
42	56	93 370	7 317,960	93 496,123	12,776	12,308							
43	57	92 865	6 850,304	86 178,163	12,580	12,112							
44	58	92 304	6 408,393	79 327,860	12,379	11,910							
45	59	91 688	5 991,151	72 919,466	12,171	11,703							
46	60	91 030	5 598,259	66 928,315	11,955	11,487							
47	61	90 283	5 225,706	61 330,056	11,736	11,268							
48	62	89 492	4 875,221	56 104,350	11,508	11,040							
49	63	88 616	4 543,550	51 229,129	11,275	10,807							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 634 487,139	16,423	15,954	50	65	87 051	4 200,772	45 570,267	10,848	10,380
1	16	99 108	93 278,309	1 534 961,233	16,456	15,987	51	66	86 008	3 906,298	41 369,495	10,590	10,122
2	17	99 057	87 745,994	1 441 682,923	16,430	15,962	52	67	84 892	3 628,789	37 463,197	10,324	9,856
3	18	99 021	82 554,075	1 353 936,930	16,401	15,932	53	68	83 684	3 366,725	33 834,407	10,050	9,581
4	19	98 984	77 669,251	1 271 382,855	16,369	15,901	54	69	82 389	3 119,643	30 467,682	9,766	9,298
5	20	98 948	73 074,220	1 193 713,604	16,336	15,867	55	70	80 963	2 885,323	27 348,039	9,478	9,010
6	21	98 916	68 753,270	1 120 639,383	16,299	15,831	56	71	79 444	2 664,642	24 462,716	9,180	8,712
7	22	98 884	64 688,153	1 051 886,113	16,261	15,793	57	72	77 800	2 456,003	21 798,074	8,875	8,407
8	23	98 852	60 863,090	987 197,961	16,220	15,752	58	73	75 986	2 257,636	19 342,071	8,567	8,099
9	24	98 820	57 264,373	926 334,871	16,176	15,708	59	74	74 008	2 069,536	17 084,435	8,255	7,787
10	25	98 789	53 879,001	869 070,498	16,130	15,662	60	75	71 882	1 891,827	15 014,899	7,937	7,468
11	26	98 758	50 693,815	815 191,497	16,081	15,612	61	76	69 535	1 722,412	13 123,073	7,619	7,151
12	27	98 722	47 694,441	764 497,682	16,029	15,561	62	77	67 010	1 562,240	11 400,661	7,298	6,829
13	28	98 686	44 872,606	716 803,240	15,974	15,506	63	78	64 270	1 410,217	9 838,421	6,977	6,508
14	29	98 652	42 218,375	671 930,635	15,916	15,447	64	79	61 317	1 266,269	8 428,204	6,656	6,188
15	30	98 609	39 717,369	629 712,260	15,855	15,386	65	80	58 166	1 130,545	7 161,935	6,335	5,867
16	31	98 562	37 363,330	589 994,890	15,791	15,322	66	81	54 776	1 002,026	6 031,390	6,019	5,551
17	32	98 500	35 143,598	552 631,561	15,725	15,257	67	82	51 197	881,461	5 029,364	5,706	5,237
18	33	98 433	33 053,582	517 487,962	15,656	15,188	68	83	47 415	768,327	4 147,903	5,399	4,930
19	34	98 342	31 080,716	484 434,380	15,586	15,118	69	84	43 463	662,869	3 379,576	5,098	4,630
20	35	98 249	29 224,623	453 353,664	15,513	15,044	70	85	39 378	565,230	2 716,707	4,806	4,338
21	36	98 148	27 477,381	424 129,041	15,436	14,967	71	86	35 169	475,127	2 151,477	4,528	4,060
22	37	98 047	25 834,428	396 651,661	15,354	14,885	72	87	30 950	393,524	1 676,349	4,260	3,791
23	38	97 940	24 288,276	370 817,233	15,267	14,799	73	88	26 604	318,368	1 282,826	4,029	3,561
24	39	97 829	22 833,494	346 528,957	15,176	14,708	74	89	22 520	253,646	964,458	3,802	3,334
25	40	97 704	21 462,861	323 695,463	15,082	14,613	75	90	18 673	197,947	710,811	3,591	3,123
26	41	97 576	20 173,978	302 232,602	14,981	14,513	76	91	15 274	152,390	512,864	3,365	2,897
27	42	97 436	18 959,909	282 058,624	14,877	14,408	77	92	12 072	113,356	360,474	3,180	2,712
28	43	97 282	17 816,457	263 098,715	14,767	14,299	78	93	9 304	82,225	247,118	3,005	2,537
29	44	97 119	16 740,350	245 282,258	14,652	14,184	79	94	6 969	57,963	164,893	2,845	2,376
30	45	96 947	15 727,681	228 541,909	14,531	14,063	80	95	5 071	39,698	106,929	2,694	2,225
31	46	96 751	14 772,682	212 814,227	14,406	13,938	81	96	3 571	26,312	67,232	2,555	2,087
32	47	96 530	13 871,848	198 041,545	14,277	13,808	82	97	2 432	16,862	40,919	2,427	1,958
33	48	96 290	13 023,469	184 169,697	14,141	13,673	83	98	1 598	10,428	24,057	2,307	1,839
34	49	96 042	12 225,785	171 146,228	13,999	13,530	84	99	1 011	6,212	13,629	2,194	1,726
35	50	95 764	11 473,271	158 920,443	13,851	13,383	85	100	614	3,551	7,417	2,089	1,620
36	51	95 457	10 763,818	147 447,172	13,698	13,230							
37	52	95 132	10 096,201	136 683,354	13,538	13,070							
38	53	94 775	9 466,618	126 587,153	13,372	12,904							
39	54	94 385	8 873,117	117 120,534	13,199	12,731							
40	55	93 974	8 314,789	108 247,418	13,019	12,550							
41	56	93 508	7 786,899	99 932,629	12,833	12,365							
42	57	93 015	7 290,204	92 145,730	12,640	12,171							
43	58	92 482	6 822,037	84 855,526	12,438	11,970							
44	59	91 884	6 379,173	78 033,488	12,233	11,764							
45	60	91 250	5 962,523	71 654,315	12,017	11,549							
46	61	90 532	5 567,649	65 691,792	11,799	11,330							
47	62	89 770	5 195,996	60 124,143	11,571	11,103							
48	63	88 930	4 844,631	54 928,148	11,338	10,870							
49	64	88 025	4 513,251	50 083,517	11,097	10,629							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 632 312,963	16,403	15,935	50	66	86 377	4 168,248	44 394,122	10,651	10,182
1	17	99 092	93 263,314	1 532 800,548	16,435	15,967	51	67	85 301	3 874,189	40 225,874	10,383	9,915
2	18	99 040	87 730,591	1 439 537,234	16,409	15,940	52	68	84 126	3 596,059	36 351,685	10,109	9,640
3	19	98 999	82 536,042	1 351 806,643	16,378	15,910	53	69	82 864	3 333,748	32 755,626	9,825	9,357
4	20	98 963	77 652,548	1 269 270,601	16,346	15,877	54	70	81 485	3 085,428	29 421,878	9,536	9,067
5	21	98 928	73 058,803	1 191 618,053	16,310	15,842	55	71	79 996	2 850,849	26 336,451	9,238	8,770
6	22	98 895	68 738,409	1 118 559,251	16,273	15,804	56	72	78 384	2 629,088	23 485,602	8,933	8,465
7	23	98 862	64 673,288	1 049 820,842	16,233	15,764	57	73	76 596	2 417,996	20 856,514	8,626	8,157
8	24	98 830	60 849,246	985 147,554	16,190	15,722	58	74	74 669	2 218,499	18 438,518	8,311	7,843
9	25	98 798	57 251,354	924 298,308	16,145	15,676	59	75	72 578	2 029,544	16 220,019	7,992	7,524
10	26	98 767	53 866,995	867 046,954	16,096	15,628	60	76	70 280	1 849,675	14 190,475	7,672	7,204
11	27	98 732	50 680,272	813 179,959	16,045	15,577	61	77	67 772	1 678,752	12 340,801	7,351	6,883
12	28	98 697	47 682,130	762 499,688	15,991	15,523	62	78	65 070	1 517,006	10 662,048	7,028	6,560
13	29	98 661	44 860,951	714 817,558	15,934	15,466	63	79	62 133	1 363,316	9 145,042	6,708	6,240
14	30	98 625	42 206,665	669 956,607	15,873	15,405	64	80	59 014	1 218,720	7 781,726	6,385	5,917
15	31	98 581	39 706,469	627 749,942	15,810	15,341	65	81	55 643	1 081,509	6 563,006	6,068	5,600
16	32	98 530	37 351,149	588 043,473	15,744	15,275	66	82	52 065	952,430	5 481,496	5,755	5,287
17	33	98 466	35 131,426	550 692,324	15,675	15,207	67	83	48 285	831,334	4 529,067	5,448	4,980
18	34	98 397	33 041,624	515 560,898	15,603	15,135	68	84	44 335	718,417	3 697,732	5,147	4,679
19	35	98 303	31 068,103	482 519,274	15,531	15,063	69	85	40 248	613,826	2 979,315	4,854	4,385
20	36	98 207	29 212,168	451 451,171	15,454	14,986	70	86	36 019	517,019	2 365,489	4,575	4,107
21	37	98 103	27 464,568	422 239,003	15,374	14,906	71	87	31 770	429,207	1 848,470	4,307	3,838
22	38	97 996	25 820,821	394 774,435	15,289	14,821	72	88	27 401	348,402	1 419,263	4,074	3,605
23	39	97 883	24 273,956	368 953,614	15,200	14,731	73	89	23 266	278,425	1 070,862	3,846	3,378
24	40	97 760	22 817,436	344 679,658	15,106	14,638	74	90	19 372	218,195	792,437	3,632	3,163
25	41	97 634	21 447,563	321 862,222	15,007	14,539	75	91	15 906	168,612	574,242	3,406	2,937
26	42	97 495	20 157,214	300 414,659	14,904	14,435	76	92	12 630	126,005	405,630	3,219	2,751
27	43	97 343	18 941,974	280 257,445	14,796	14,327	77	93	9 790	91,933	279,625	3,042	2,573
28	44	97 179	17 797,650	261 315,471	14,683	14,214	78	94	7 379	65,214	187,692	2,878	2,410
29	45	97 009	16 721,419	243 517,821	14,563	14,095	79	95	5 398	44,899	122,478	2,728	2,259
30	46	96 816	15 706,409	226 796,402	14,440	13,971	80	96	3 831	29,994	77,579	2,587	2,118
31	47	96 601	14 749,771	211 089,993	14,311	13,843	81	97	2 628	19,366	47,585	2,457	1,989
32	48	96 362	13 847,774	196 340,222	14,178	13,710	82	98	1 741	12,074	28,219	2,337	1,869
33	49	96 112	12 999,337	182 492,448	14,039	13,570	83	99	1 112	7,255	16,145	2,225	1,757
34	50	95 841	12 200,208	169 493,111	13,893	13,424	84	100	683	4,194	8,889	2,120	1,651
35	51	95 540	11 446,464	157 292,903	13,742	13,273							
36	52	95 219	10 737,008	145 846,439	13,584	13,115							
37	53	94 869	10 068,226	135 109,431	13,419	12,951							
38	54	94 487	9 437,848	125 041,205	13,249	12,781							
39	55	94 085	8 844,846	115 603,357	13,070	12,602							
40	56	93 636	8 284,876	106 758,511	12,886	12,418							
41	57	93 154	7 757,364	98 473,635	12,694	12,226							
42	58	92 632	7 260,122	90 716,271	12,495	12,027							
43	59	92 061	6 790,931	83 456,149	12,289	11,821							
44	60	91 444	6 348,691	76 665,217	12,076	11,607							
45	61	90 751	5 929,921	70 316,526	11,858	11,390							
46	62	90 017	5 535,994	64 386,605	11,631	11,162							
47	63	89 206	5 163,392	58 850,611	11,398	10,929							
48	64	88 337	4 812,323	53 687,219	11,156	10,688							
49	65	87 392	4 480,774	48 874,896	10,908	10,439							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 629 992,684	16,382	15,914	50	67	85 667	4 133,986	43 155,768	10,439	9,971
1	18	99 075	93 246,943	1 530 496,268	16,413	15,945	51	68	84 532	3 839,245	39 021,783	10,164	9,696
2	19	99 018	87 711,427	1 437 249,325	16,386	15,918	52	69	83 302	3 560,835	35 182,538	9,880	9,412
3	20	98 978	82 518,292	1 349 537,898	16,354	15,886	53	70	81 955	3 297,184	31 621,702	9,591	9,122
4	21	98 942	77 636,165	1 267 019,606	16,320	15,852	54	71	80 511	3 048,562	28 324,518	9,291	8,823
5	22	98 906	73 043,011	1 189 383,441	16,283	15,815	55	72	78 928	2 812,810	25 275,956	8,986	8,518
6	23	98 872	68 722,613	1 116 340,430	16,244	15,776	56	73	77 171	2 588,402	22 463,146	8,678	8,210
7	24	98 839	64 658,577	1 047 617,817	16,202	15,734	57	74	75 268	2 376,079	19 874,744	8,365	7,896
8	25	98 807	60 835,412	982 959,239	16,158	15,689	58	75	73 226	2 175,628	17 498,664	8,043	7,575
9	26	98 776	57 238,596	922 123,827	16,110	15,642	59	76	70 961	1 984,323	15 323,036	7,722	7,254
10	27	98 741	53 852,604	864 885,232	16,060	15,592	60	77	68 499	1 802,790	13 338,713	7,399	6,931
11	28	98 706	50 667,189	811 032,628	16,007	15,539	61	78	65 810	1 630,145	11 535,923	7,077	6,608
12	29	98 671	47 669,745	760 365,438	15,951	15,482	62	79	62 906	1 466,553	9 905,778	6,754	6,286
13	30	98 633	44 848,508	712 695,693	15,891	15,423	63	80	59 800	1 312,123	8 439,224	6,432	5,963
14	31	98 598	42 195,082	667 847,185	15,828	15,359	64	81	56 454	1 165,860	7 127,101	6,113	5,645
15	32	98 549	39 693,524	625 652,103	15,762	15,294	65	82	52 889	1 027,979	5 961,241	5,799	5,331
16	33	98 496	37 338,212	585 958,579	15,693	15,225	66	83	49 104	898,267	4 933,262	5,492	5,024
17	34	98 431	35 118,716	548 620,367	15,622	15,154	67	84	45 149	777,332	4 034,995	5,191	4,722
18	35	98 357	33 028,215	513 501,651	15,547	15,079	68	85	41 055	665,264	3 257,663	4,897	4,428
19	36	98 261	31 054,863	480 473,436	15,472	15,003	69	86	36 815	561,470	2 592,399	4,617	4,149
20	37	98 161	29 198,546	449 418,573	15,392	14,923	70	87	32 538	467,050	2 030,929	4,348	3,880
21	38	98 051	27 450,102	420 220,027	15,309	14,840	71	88	28 127	379,993	1 563,879	4,116	3,647
22	39	97 938	25 805,598	392 769,925	15,220	14,752	72	89	23 963	304,690	1 183,886	3,886	3,417
23	40	97 814	24 256,885	366 964,327	15,128	14,660	73	90	20 014	239,510	879,196	3,671	3,202
24	41	97 690	22 801,172	342 707,442	15,030	14,562	74	91	16 502	185,859	639,686	3,442	2,973
25	42	97 553	21 429,740	319 906,270	14,928	14,460	75	92	13 152	139,418	453,827	3,255	2,787
26	43	97 403	20 138,146	298 476,530	14,821	14,353	76	93	10 243	102,192	314,409	3,077	2,608
27	44	97 241	18 921,980	278 338,384	14,710	14,241	77	94	7 765	72,914	212,217	2,911	2,442
28	45	97 069	17 777,524	259 416,404	14,592	14,124	78	95	5 716	50,516	139,303	2,758	2,289
29	46	96 878	16 698,802	241 638,879	14,470	14,002	79	96	4 078	33,923	88,788	2,617	2,149
30	47	96 665	15 682,049	224 940,077	14,344	13,875	80	97	2 820	22,076	54,864	2,485	2,017
31	48	96 434	14 724,174	209 258,028	14,212	13,744	81	98	1 882	13,867	32,788	2,364	1,896
32	49	96 183	13 822,115	194 533,853	14,074	13,606	82	99	1 211	8,400	18,921	2,252	1,784
33	50	95 911	12 972,142	180 711,739	13,931	13,462	83	100	750	4,898	10,521	2,148	1,680
34	51	95 617	12 171,702	167 739,597	13,781	13,313							
35	52	95 302	11 417,953	155 567,894	13,625	13,156							
36	53	94 955	10 707,257	144 149,941	13,463	12,994							
37	54	94 581	10 037,627	133 442,684	13,294	12,826							
38	55	94 186	9 407,777	123 405,057	13,117	12,649							
39	56	93 746	8 813,026	113 997,279	12,935	12,467							
40	57	93 281	8 253,452	105 184,253	12,744	12,276							
41	58	92 769	7 725,355	96 930,801	12,547	12,079							
42	59	92 209	7 227,019	89 205,446	12,343	11,875							
43	60	91 621	6 758,482	81 978,427	12,130	11,661							
44	61	90 944	6 313,978	75 219,945	11,913	11,445							
45	62	90 235	5 896,206	68 905,968	11,686	11,218							
46	63	89 453	5 501,257	63 009,761	11,454	10,985							
47	64	88 611	5 128,959	57 508,504	11,213	10,744							
48	65	87 702	4 777,695	52 379,545	10,963	10,495							
49	66	86 715	4 446,082	47 601,851	10,706	10,238							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 627 519,992	16,360	15,892	50	68	84 895	4 096,699	41 853,425	10,216	9,748
1	19	99 053	93 226,574	1 528 041,040	16,391	15,922	51	69	83 704	3 801,639	37 756,727	9,932	9,463
2	20	98 997	87 692,565	1 434 814,466	16,362	15,894	52	70	82 389	3 521,781	33 955,087	9,641	9,173
3	21	98 957	82 500,882	1 347 121,902	16,329	15,860	53	71	80 976	3 257,789	30 433,306	9,342	8,873
4	22	98 920	77 619,384	1 264 621,020	16,293	15,824	54	72	79 437	3 007,885	27 175,517	9,035	8,566
5	23	98 883	73 026,226	1 187 001,637	16,254	15,786	55	73	77 707	2 769,281	24 167,632	8,727	8,259
6	24	98 850	68 706,982	1 113 975,410	16,213	15,745	56	74	75 833	2 543,531	21 398,351	8,413	7,944
7	25	98 817	64 643,877	1 045 268,429	16,170	15,701	57	75	73 814	2 330,164	18 854,819	8,092	7,624
8	26	98 785	60 821,855	980 624,551	16,123	15,655	58	76	71 594	2 127,153	16 524,656	7,768	7,300
9	27	98 749	57 223,304	919 802,696	16,074	15,606	59	77	69 162	1 934,025	14 397,503	7,444	6,976
10	28	98 715	53 838,703	862 579,392	16,022	15,553	60	78	66 515	1 750,591	12 463,478	7,120	6,651
11	29	98 681	50 654,029	808 740,690	15,966	15,498	61	79	63 621	1 575,930	10 712,886	6,798	6,329
12	30	98 644	47 656,523	758 086,660	15,907	15,439	62	80	60 544	1 411,483	9 136,957	6,473	6,005
13	31	98 606	44 836,200	710 430,137	15,845	15,377	63	81	57 206	1 255,212	7 725,473	6,155	5,686
14	32	98 566	42 181,325	665 593,937	15,779	15,311	64	82	53 660	1 108,155	6 470,261	5,839	5,370
15	33	98 515	39 679,776	623 412,611	15,711	15,243	65	83	49 881	969,520	5 362,106	5,531	5,062
16	34	98 460	37 324,704	583 732,835	15,639	15,171	66	84	45 914	839,917	4 392,586	5,230	4,761
17	35	98 391	35 104,464	546 408,132	15,565	15,097	67	85	41 808	719,820	3 552,669	4,935	4,467
18	36	98 315	33 014,139	511 303,667	15,487	15,019	68	86	37 553	608,520	2 832,849	4,655	4,187
19	37	98 215	31 040,382	478 289,528	15,409	14,940	69	87	33 257	507,204	2 224,329	4,385	3,917
20	38	98 110	29 183,167	447 249,146	15,326	14,857	70	88	28 807	413,497	1 717,124	4,153	3,684
21	39	97 993	27 433,918	418 065,979	15,239	14,771	71	89	24 599	332,319	1 303,627	3,923	3,454
22	40	97 869	25 787,450	390 632,060	15,148	14,680	72	90	20 614	262,104	971,309	3,706	3,237
23	41	97 744	24 239,595	364 844,611	15,052	14,583	73	91	17 048	204,015	709,205	3,476	3,008
24	42	97 609	22 782,224	340 605,016	14,950	14,482	74	92	13 644	153,678	505,189	3,287	2,819
25	43	97 461	21 409,469	317 822,791	14,845	14,377	75	93	10 666	113,070	351,511	3,109	2,640
26	44	97 300	20 116,889	296 413,322	14,735	14,266	76	94	8 124	81,050	238,441	2,942	2,474
27	45	97 131	18 900,582	276 296,433	14,618	14,150	77	95	6 015	56,480	157,390	2,787	2,318
28	46	96 938	17 753,479	257 395,851	14,498	14,030	78	96	4 319	38,167	100,911	2,644	2,176
29	47	96 728	16 672,904	239 642,371	14,373	13,905	79	97	3 002	24,968	62,744	2,513	2,045
30	48	96 498	15 654,834	222 969,467	14,243	13,774	80	98	2 019	15,807	37,776	2,390	1,921
31	49	96 255	14 696,891	207 314,633	14,106	13,638	81	99	1 309	9,648	21,968	2,277	1,809
32	50	95 982	13 793,198	192 617,742	13,965	13,496	82	100	818	5,671	12,321	2,173	1,704
33	51	95 687	12 941,833	178 824,544	13,818	13,349							
34	52	95 379	12 141,385	165 882,711	13,663	13,194							
35	53	95 038	11 386,316	153 741,326	13,502	13,034							
36	54	94 667	10 674,716	142 355,010	13,336	12,867							
37	55	94 279	10 005,646	131 680,294	13,161	12,692							
38	56	93 847	9 373,932	121 674,648	12,980	12,512							
39	57	93 391	8 779,599	112 300,716	12,791	12,323							
40	58	92 896	8 219,396	103 521,117	12,595	12,126							
41	59	92 346	7 690,130	95 301,720	12,393	11,924							
42	60	91 769	7 192,486	87 611,590	12,181	11,713							
43	61	91 120	6 721,527	80 419,104	11,964	11,496							
44	62	90 427	6 278,080	73 697,577	11,739	11,271							
45	63	89 669	5 859,209	67 419,497	11,507	11,038							
46	64	88 856	5 464,571	61 560,288	11,265	10,797							
47	65	87 974	5 092,052	56 095,718	11,016	10,548							
48	66	87 023	4 740,704	51 003,666	10,759	10,290							
49	67	86 002	4 409,537	46 262,962	10,492	10,023							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 624 887,098	16,338	15,869	50	69	84 063	4 056,571	40 486,609	9,981	9,512
1	20	99 032	93 206,525	1 525 429,876	16,366	15,898	51	70	82 786	3 759,944	36 430,038	9,689	9,221
2	21	98 976	87 674,062	1 432 223,351	16,336	15,867	52	71	81 404	3 479,702	32 670,094	9,389	8,920
3	22	98 935	82 483,049	1 344 549,289	16,301	15,833	53	72	79 896	3 214,320	29 190,392	9,081	8,613
4	23	98 898	77 601,547	1 262 066,240	16,263	15,795	54	73	78 208	2 961,338	25 976,072	8,772	8,303
5	24	98 861	73 009,616	1 184 464,692	16,223	15,755	55	74	76 360	2 721,275	23 014,734	8,457	7,989
6	25	98 827	68 691,361	1 111 455,077	16,180	15,712	56	75	74 367	2 494,380	20 293,459	8,136	7,667
7	26	98 795	64 629,472	1 042 763,715	16,134	15,666	57	76	72 169	2 278,245	17 799,079	7,813	7,344
8	27	98 759	60 805,606	978 134,244	16,086	15,618	58	77	69 779	2 073,235	15 520,834	7,486	7,018
9	28	98 724	57 208,533	917 328,637	16,035	15,566	59	78	67 160	1 878,027	13 447,600	7,160	6,692
10	29	98 690	53 824,719	860 120,105	15,980	15,512	60	79	64 303	1 692,370	11 569,573	6,836	6,368
11	30	98 653	50 639,980	806 295,386	15,922	15,454	61	80	61 232	1 516,753	9 877,203	6,512	6,044
12	31	98 617	47 643,445	755 655,406	15,861	15,392	62	81	57 918	1 350,263	8 360,451	6,192	5,723
13	32	98 574	44 821,582	708 011,961	15,796	15,328	63	82	54 374	1 193,084	7 010,188	5,876	5,407
14	33	98 531	42 166,716	663 190,379	15,728	15,259	64	83	50 609	1 045,137	5 817,103	5,566	5,098
15	34	98 480	39 665,420	621 023,663	15,657	15,188	65	84	46 641	906,541	4 771,967	5,264	4,796
16	35	98 420	37 309,556	581 358,243	15,582	15,114	66	85	42 517	777,775	3 865,426	4,970	4,501
17	36	98 349	35 089,504	544 048,686	15,505	15,036	67	86	38 242	658,423	3 087,651	4,689	4,221
18	37	98 269	32 998,744	508 959,182	15,424	14,955	68	87	33 923	549,708	2 429,228	4,419	3,951
19	38	98 163	31 024,033	475 960,437	15,342	14,873	69	88	29 443	449,048	1 879,520	4,186	3,717
20	39	98 052	29 165,962	444 936,404	15,255	14,787	70	89	25 193	361,619	1 430,473	3,956	3,487
21	40	97 924	27 414,625	415 770,443	15,166	14,698	71	90	21 160	285,871	1 068,854	3,739	3,271
22	41	97 799	25 769,069	388 355,817	15,071	14,602	72	91	17 559	223,261	782,983	3,507	3,039
23	42	97 663	24 219,452	362 586,749	14,971	14,503	73	92	14 096	168,691	559,722	3,318	2,850
24	43	97 517	22 760,674	338 367,296	14,866	14,398	74	93	11 066	124,636	391,031	3,137	2,669
25	44	97 358	21 386,870	315 606,623	14,757	14,289	75	94	8 460	89,678	266,395	2,971	2,502
26	45	97 190	20 094,141	294 219,753	14,642	14,174	76	95	6 293	62,782	176,717	2,815	2,346
27	46	96 999	18 875,018	274 125,612	14,523	14,055	77	96	4 544	42,673	113,935	2,670	2,202
28	47	96 788	17 725,945	255 250,594	14,400	13,931	78	97	3 179	28,091	71,261	2,537	2,068
29	48	96 560	16 643,970	237 524,649	14,271	13,803	79	98	2 149	17,878	43,170	2,415	1,946
30	49	96 319	15 625,827	220 880,679	14,136	13,667	80	99	1 405	10,997	25,292	2,300	1,831
31	50	96 053	14 666,144	205 254,852	13,995	13,527	81	100	884	6,513	14,294	2,195	1,726
32	51	95 758	13 760,971	190 588,709	13,850	13,382							
33	52	95 448	12 909,597	176 827,738	13,697	13,229							
34	53	95 115	12 107,744	163 918,140	13,538	13,070							
35	54	94 749	11 351,711	151 810,397	13,373	12,905							
36	55	94 365	10 640,705	140 458,686	13,200	12,732							
37	56	93 940	9 969,650	129 817,981	13,021	12,553							
38	57	93 491	9 338,378	119 848,331	12,834	12,366							
39	58	93 005	8 743,372	110 509,953	12,639	12,171							
40	59	92 473	8 181,919	101 766,581	12,438	11,970							
41	60	91 905	7 653,384	93 584,662	12,228	11,760							
42	61	91 267	7 153,158	85 931,278	12,013	11,545							
43	62	90 602	6 683,312	78 778,120	11,787	11,319							
44	63	89 860	6 238,686	72 094,808	11,556	11,088							
45	64	89 071	5 820,136	65 856,122	11,315	10,847							
46	65	88 217	5 425,249	60 035,986	11,066	10,598							
47	66	87 293	5 052,627	54 610,737	10,808	10,340							
48	67	86 307	4 701,736	49 558,110	10,540	10,072							
49	68	85 227	4 369,764	44 856,373	10,265	9,797							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 622 088,743	16,313	15,845	50	70	83 141	4 012,080	39 054,645	9,734	9,266
1	21	99 011	93 186,860	1 522 652,911	16,340	15,871	51	71	81 797	3 715,019	35 042,565	9,433	8,964
2	22	98 954	87 655,112	1 429 466,051	16,308	15,839	52	72	80 318	3 433,273	31 327,545	9,125	8,656
3	23	98 913	82 464,095	1 341 810,939	16,271	15,803	53	73	78 659	3 164,578	27 894,273	8,815	8,346
4	24	98 875	77 583,896	1 259 346,844	16,232	15,764	54	74	76 852	2 910,002	24 729,695	8,498	8,030
5	25	98 838	72 993,017	1 181 762,948	16,190	15,722	55	75	74 884	2 668,689	21 819,693	8,176	7,708
6	26	98 805	68 676,054	1 108 769,931	16,145	15,677	56	76	72 711	2 438,802	19 151,004	7,853	7,384
7	27	98 768	64 612,205	1 040 093,877	16,097	15,629	57	77	70 340	2 220,497	16 712,202	7,526	7,058
8	28	98 733	60 789,910	975 481,672	16,047	15,578	58	78	67 759	2 013,205	14 491,705	7,198	6,730
9	29	98 698	57 193,674	914 691,761	15,993	15,525	59	79	64 926	1 815,567	12 478,500	6,873	6,405
10	30	98 662	53 809,790	857 498,088	15,936	15,467	60	80	61 888	1 628,820	10 662,932	6,546	6,078
11	31	98 626	50 626,082	803 688,297	15,875	15,407	61	81	58 576	1 450,966	9 034,112	6,226	5,758
12	32	98 585	47 627,912	753 062,215	15,811	15,343	62	82	55 051	1 283,431	7 583,146	5,908	5,440
13	33	98 540	44 806,059	705 434,304	15,744	15,276	63	83	51 282	1 125,236	6 299,715	5,599	5,130
14	34	98 496	42 151,461	660 628,245	15,673	15,204	64	84	47 321	977,246	5 174,479	5,295	4,827
15	35	98 440	39 649,323	618 476,784	15,599	15,130	65	85	43 190	839,470	4 197,234	5,000	4,532
16	36	98 378	37 293,657	578 827,461	15,521	15,052	66	86	38 891	711,434	3 357,764	4,720	4,251
17	37	98 303	35 073,141	541 533,804	15,440	14,972	67	87	34 546	594,787	2 646,330	4,449	3,981
18	38	98 218	32 981,364	506 460,663	15,356	14,888	68	88	30 034	486,677	2 051,543	4,215	3,747
19	39	98 105	31 005,742	473 479,299	15,271	14,802	69	89	25 749	392,709	1 564,865	3,985	3,516
20	40	97 983	29 145,451	442 473,557	15,182	14,713	70	90	21 672	311,076	1 172,156	3,768	3,300
21	41	97 854	27 395,084	413 328,106	15,088	14,619	71	91	18 025	243,506	861,080	3,536	3,068
22	42	97 718	25 747,655	385 933,022	14,989	14,521	72	92	14 519	184,605	617,574	3,345	2,877
23	43	97 571	24 196,542	360 185,367	14,886	14,417	73	93	11 432	136,811	432,969	3,165	2,696
24	44	97 414	22 736,649	335 988,825	14,777	14,309	74	94	8 777	98,851	296,158	2,996	2,528
25	45	97 248	21 362,685	313 252,176	14,664	14,195	75	95	6 553	69,465	197,307	2,840	2,372
26	46	97 059	20 066,962	291 889,491	14,546	14,077	76	96	4 754	47,435	127,842	2,695	2,227
27	47	96 849	18 845,745	271 822,529	14,424	13,955	77	97	3 345	31,408	80,407	2,560	2,092
28	48	96 620	17 695,183	252 976,784	14,296	13,828	78	98	2 276	20,115	48,999	2,436	1,968
29	49	96 381	16 613,129	235 281,601	14,162	13,694	79	99	1 495	12,438	28,884	2,322	1,854
30	50	96 117	15 593,136	218 668,472	14,023	13,555	80	100	948	7,424	16,446	2,215	1,747
31	51	95 829	14 631,877	203 075,336	13,879	13,411							
32	52	95 519	13 726,695	188 443,459	13,728	13,260							
33	53	95 184	12 873,827	174 716,764	13,571	13,103							
34	54	94 826	12 070,946	161 842,937	13,408	12,939							
35	55	94 447	11 315,543	149 771,991	13,236	12,768							
36	56	94 026	10 602,425	138 456,448	13,059	12,591							
37	57	93 584	9 931,836	127 854,024	12,873	12,405							
38	58	93 106	9 299,845	117 922,187	12,680	12,212							
39	59	92 581	8 703,505	108 622,342	12,480	12,012							
40	60	92 031	8 142,823	99 918,837	12,271	11,802							
41	61	91 403	7 611,537	91 776,014	12,057	11,589							
42	62	90 748	7 112,489	84 164,478	11,833	11,365							
43	63	90 033	6 641,376	77 051,989	11,602	11,133							
44	64	89 261	6 197,083	70 410,613	11,362	10,894							
45	65	88 430	5 778,256	64 213,530	11,113	10,645							
46	66	87 534	5 383,244	58 435,275	10,855	10,387							
47	67	86 575	5 011,096	53 052,030	10,587	10,119							
48	68	85 529	4 659,328	48 040,935	10,311	9,842							
49	69	84 392	4 326,962	43 381,606	10,026	9,558							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 619 114,467	16,286	15,818	50	71	82 148	3 964,143	37 558,467	9,475	9,006
1	22	98 990	93 166,718	1 519 699,615	16,312	15,843	51	72	80 706	3 665,450	33 594,324	9,165	8,697
2	23	98 932	87 634,969	1 426 532,897	16,278	15,810	52	73	79 075	3 380,142	29 928,874	8,854	8,386
3	24	98 890	82 445,338	1 338 897,928	16,240	15,771	53	74	77 296	3 109,719	26 548,732	8,537	8,069
4	25	98 853	77 566,257	1 256 452,590	16,198	15,730	54	75	75 367	2 853,769	23 439,013	8,213	7,745
5	26	98 816	72 976,751	1 178 886,332	16,154	15,686	55	76	73 216	2 609,227	20 585,244	7,889	7,421
6	27	98 779	68 657,706	1 105 909,581	16,108	15,639	56	77	70 867	2 376,984	17 976,017	7,563	7,094
7	28	98 743	64 595,527	1 037 251,875	16,058	15,589	57	78	68 303	2 156,204	15 599,033	7,234	6,766
8	29	98 708	60 774,121	972 656,348	16,004	15,536	58	79	65 505	1 946,250	13 442,829	6,907	6,439
9	30	98 671	57 177,810	911 882,227	15,948	15,480	59	80	62 488	1 747,392	11 496,579	6,579	6,111
10	31	98 635	53 795,022	854 704,417	15,888	15,420	60	81	59 204	1 558,173	9 749,187	6,257	5,788
11	32	98 594	50 609,577	800 909,394	15,825	15,357	61	82	55 677	1 379,150	8 191,014	5,939	5,471
12	33	98 550	47 611,416	750 299,817	15,759	15,290	62	83	51 921	1 210,445	6 811,865	5,628	5,159
13	34	98 504	44 789,848	702 688,401	15,689	15,220	63	84	47 951	1 052,142	5 601,420	5,324	4,855
14	35	98 456	42 134,355	657 898,553	15,614	15,146	64	85	43 820	904,943	4 549,278	5,027	4,559
15	36	98 398	39 632,426	615 764,198	15,537	15,069	65	86	39 506	767,867	3 644,335	4,746	4,278
16	37	98 332	37 276,266	576 131,772	15,456	14,987	66	87	35 132	642,675	2 876,468	4,476	4,007
17	38	98 251	35 054,668	538 855,506	15,372	14,904	67	88	30 585	526,588	2 233,793	4,242	3,774
18	39	98 160	32 961,919	503 800,837	15,284	14,816	68	89	26 266	425,618	1 707,205	4,011	3,543
19	40	98 036	30 983,937	470 838,918	15,196	14,728	69	90	22 150	337,821	1 281,587	3,794	3,325
20	41	97 913	29 124,676	439 854,981	15,102	14,634	70	91	18 460	264,975	943,766	3,562	3,093
21	42	97 773	27 372,319	410 730,305	15,005	14,537	71	92	14 904	201,344	678,791	3,371	2,903
22	43	97 626	25 723,299	383 357,986	14,903	14,435	72	93	11 775	149,718	477,447	3,189	2,721
23	44	97 468	24 171,001	357 634,687	14,796	14,328	73	94	9 067	108,508	327,729	3,020	2,552
24	45	97 304	22 710,937	333 463,685	14,683	14,215	74	95	6 798	76,571	219,222	2,863	2,395
25	46	97 116	21 333,791	310 752,748	14,566	14,098	75	96	4 951	52,485	142,651	2,718	2,250
26	47	96 908	20 035,840	289 418,957	14,445	13,977	76	97	3 499	34,913	90,167	2,583	2,114
27	48	96 681	18 813,039	269 383,117	14,319	13,851	77	98	2 395	22,490	55,254	2,457	1,989
28	49	96 441	17 662,395	250 570,077	14,187	13,718	78	99	1 583	13,994	32,764	2,341	1,873
29	50	96 179	16 578,373	232 907,683	14,049	13,581	79	100	1 010	8,397	18,770	2,235	1,767
30	51	95 893	15 556,704	216 329,310	13,906	13,438							
31	52	95 590	14 595,432	200 772,606	13,756	13,287							
32	53	95 255	13 688,661	186 177,174	13,601	13,132							
33	54	94 894	12 834,701	172 488,513	13,439	12,971							
34	55	94 523	12 032,486	159 653,812	13,269	12,800							
35	56	94 107	11 274,835	147 621,326	13,093	12,625							
36	57	93 669	10 562,211	136 346,492	12,909	12,441							
37	58	93 198	9 890,855	125 784,281	12,717	12,249							
38	59	92 681	9 257,441	115 893,426	12,519	12,051							
39	60	92 139	8 661,917	106 635,985	12,311	11,843							
40	61	91 527	8 098,299	97 974,068	12,098	11,630							
41	62	90 883	7 568,261	89 875,769	11,875	11,407							
42	63	90 179	7 067,860	82 307,508	11,645	11,177							
43	64	89 433	6 597,087	75 239,648	11,405	10,937							
44	65	88 618	6 152,489	68 642,561	11,157	10,689							
45	66	87 745	5 733,518	62 490,072	10,899	10,431							
46	67	86 814	5 338,995	56 756,554	10,631	10,162							
47	68	85 794	4 965,897	51 417,559	10,354	9,886							
48	69	84 691	4 613,690	46 451,661	10,068	9,600							
49	70	83 466	4 279,505	41 837,972	9,776	9,308							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 615 953,096	16,258	15,790	50	72	81 052	3 911,249	35 998,120	9,204	8,735
1	23	98 967	93 145,308	1 516 559,731	16,282	15,813	51	73	79 457	3 608,727	32 086,871	8,891	8,423
2	24	98 909	87 615,036	1 423 414,423	16,246	15,778	52	74	77 704	3 321,546	28 478,144	8,574	8,105
3	25	98 868	82 426,594	1 335 799,387	16,206	15,738	53	75	75 802	3 049,626	25 156,598	8,249	7,781
4	26	98 831	77 548,972	1 253 372,793	16,162	15,694	54	76	73 688	2 790,184	22 106,972	7,923	7,455
5	27	98 790	72 957,255	1 175 823,821	16,117	15,648	55	77	71 360	2 543,089	19 316,789	7,596	7,127
6	28	98 753	68 639,984	1 102 866,566	16,067	15,599	56	78	68 816	2 308,160	16 773,699	7,267	6,799
7	29	98 717	64 578,749	1 034 226,582	16,015	15,547	57	79	66 031	2 084,493	14 465,539	6,940	6,471
8	30	98 680	60 757,265	969 647,833	15,959	15,491	58	80	63 046	1 873,167	12 381,046	6,610	6,141
9	31	98 644	57 162,118	908 890,568	15,900	15,432	59	81	59 778	1 671,602	10 507,879	6,286	5,818
10	32	98 603	53 777,484	851 728,450	15,838	15,370	60	82	56 274	1 481,050	8 836,278	5,966	5,498
11	33	98 560	50 592,049	797 950,966	15,772	15,304	61	83	52 511	1 300,720	7 355,227	5,655	5,186
12	34	98 515	47 594,191	747 358,917	15,703	15,234	62	84	48 548	1 131,815	6 054,507	5,349	4,881
13	35	98 464	44 771,672	699 764,726	15,630	15,161	63	85	44 403	974,298	4 922,692	5,053	4,584
14	36	98 414	42 116,399	654 993,055	15,552	15,084	64	86	40 082	827,756	3 948,394	4,770	4,302
15	37	98 352	39 613,945	612 876,656	15,471	15,003	65	87	35 688	693,654	3 120,638	4,499	4,030
16	38	98 280	37 256,633	573 262,711	15,387	14,919	66	88	31 104	568,985	2 426,984	4,265	3,797
17	39	98 193	35 034,001	536 006,078	15,300	14,831	67	89	26 748	460,521	1 857,999	4,035	3,566
18	40	98 091	32 938,738	500 972,077	15,209	14,741	68	90	22 595	366,130	1 397,478	3,817	3,349
19	41	97 966	30 961,852	468 033,339	15,116	14,648	69	91	18 868	287,757	1 031,348	3,584	3,116
20	42	97 832	29 100,474	437 071,487	15,019	14,551	70	92	15 264	219,096	743,591	3,394	2,926
21	43	97 681	27 346,427	407 971,013	14,919	14,450	71	93	12 087	163,293	524,495	3,212	2,744
22	44	97 522	25 696,147	380 624,586	14,813	14,344	72	94	9 339	118,744	361,202	3,042	2,574
23	45	97 357	24 143,668	354 928,439	14,701	14,232	73	95	7 024	84,051	242,458	2,885	2,416
24	46	97 172	22 680,219	330 784,771	14,585	14,116	74	96	5 137	57,853	158,407	2,738	2,270
25	47	96 966	21 300,704	308 104,551	14,465	13,996	75	97	3 644	38,629	100,554	2,603	2,135
26	48	96 740	20 001,069	286 803,847	14,339	13,871	76	98	2 506	24,999	61,925	2,477	2,009
27	49	96 502	18 778,180	266 802,778	14,208	13,740	77	99	1 666	15,646	36,926	2,360	1,892
28	50	96 239	17 625,444	248 024,598	14,072	13,604	78	100	1 069	9,447	21,279	2,252	1,784
29	51	95 954	16 539,638	230 399,154	13,930	13,462							
30	52	95 654	15 517,955	213 859,516	13,781	13,313							
31	53	95 325	14 554,990	198 341,561	13,627	13,159							
32	54	94 965	13 647,058	183 786,571	13,467	12,999							
33	55	94 592	12 793,808	170 139,512	13,299	12,830							
34	56	94 183	11 989,199	157 345,704	13,124	12,656							
35	57	93 750	11 232,070	145 356,506	12,941	12,473							
36	58	93 283	10 518,628	134 124,435	12,751	12,283							
37	59	92 773	9 845,756	123 605,807	12,554	12,086							
38	60	92 238	9 213,206	113 760,051	12,347	11,879							
39	61	91 635	8 614,555	104 546,845	12,136	11,668							
40	62	91 007	8 052,256	95 932,291	11,914	11,445							
41	63	90 313	7 520,772	87 880,035	11,685	11,217							
42	64	89 577	7 020,727	80 359,263	11,446	10,978							
43	65	88 789	6 549,616	73 338,536	11,197	10,729							
44	66	87 932	6 104,854	66 788,920	10,940	10,472							
45	67	87 024	5 686,390	60 684,066	10,672	10,203							
46	68	86 031	5 290,839	54 997,676	10,395	9,927							
47	69	84 954	4 917,256	49 706,837	10,109	9,640							
48	70	83 762	4 563,088	44 789,581	9,816	9,347							
49	71	82 469	4 228,373	40 226,493	9,513	9,045							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 612 593,739	16,228	15,760	50	73	79 797	3 850,722	34 375,286	8,927	8,459
1	24	98 944	93 124,122	1 513 223,215	16,250	15,781	51	74	78 079	3 546,168	30 524,564	8,608	8,139
2	25	98 887	87 595,117	1 420 099,093	16,212	15,744	52	75	76 203	3 257,360	26 978,396	8,282	7,814
3	26	98 846	82 408,226	1 332 503,976	16,170	15,701	53	76	74 113	2 981,677	23 721,036	7,956	7,487
4	27	98 804	77 528,254	1 250 095,750	16,124	15,656	54	77	71 820	2 719,459	20 739,359	7,626	7,158
5	28	98 765	72 938,422	1 172 567,496	16,076	15,608	55	78	69 294	2 469,456	18 019,900	7,297	6,829
6	29	98 727	68 622,156	1 099 629,074	16,024	15,556	56	79	66 527	2 231,395	15 550,444	6,969	6,501
7	30	98 690	64 560,838	1 031 006,918	15,970	15,501	57	80	63 552	2 006,218	13 319,049	6,639	6,171
8	31	98 653	60 740,591	966 446,080	15,911	15,443	58	81	60 311	1 791,922	11 312,830	6,313	5,845
9	32	98 611	57 143,482	905 705,490	15,850	15,381	59	82	56 819	1 588,864	9 520,908	5,992	5,524
10	33	98 569	53 758,858	848 562,008	15,785	15,316	60	83	53 074	1 396,826	7 932,044	5,679	5,210
11	34	98 524	50 573,745	794 803,149	15,716	15,247	61	84	49 100	1 216,227	6 535,218	5,373	4,905
12	35	98 475	47 574,876	744 229,405	15,643	15,175	62	85	44 956	1 048,077	5 318,991	5,075	4,607
13	36	98 423	44 752,592	696 654,529	15,567	15,098	63	86	40 616	891,195	4 270,914	4,792	4,324
14	37	98 368	42 096,759	651 901,937	15,486	15,017	64	87	36 209	747,754	3 379,719	4,520	4,051
15	38	98 300	39 593,081	609 805,178	15,402	14,933	65	88	31 596	614,118	2 631,965	4,286	3,817
16	39	98 222	37 234,667	570 212,097	15,314	14,846	66	89	27 201	497,599	2 017,846	4,055	3,587
17	40	98 124	35 009,363	532 977,430	15,224	14,755	67	90	23 009	396,155	1 520,247	3,838	3,369
18	41	98 021	32 915,260	497 968,066	15,129	14,660	68	91	19 246	311,871	1 124,093	3,604	3,136
19	42	97 885	30 936,123	465 052,807	15,033	14,564	69	92	15 601	237,933	812,222	3,414	2,945
20	43	97 739	29 072,946	434 116,683	14,932	14,464	70	93	12 379	177,691	574,289	3,232	2,764
21	44	97 577	27 317,561	405 043,737	14,827	14,359	71	94	9 587	129,511	396,598	3,062	2,594
22	45	97 412	25 667,089	377 726,176	14,716	14,248	72	95	7 234	91,980	267,087	2,904	2,435
23	46	97 226	24 111,012	352 059,086	14,602	14,133	73	96	5 307	63,505	175,107	2,757	2,289
24	47	97 021	22 645,044	327 948,074	14,482	14,014	74	97	3 781	42,580	111,602	2,621	2,153
25	48	96 797	21 263,739	305 303,030	14,358	13,890	75	98	2 609	27,660	69,022	2,495	2,027
26	49	96 561	19 964,008	284 039,291	14,228	13,759	76	99	1 743	17,392	41,362	2,378	1,910
27	50	96 300	18 738,894	264 075,283	14,092	13,624	77	100	1 125	10,563	23,969	2,269	1,801
28	51	96 014	17 584,263	245 336,389	13,952	13,484							
29	52	95 715	16 498,442	227 752,126	13,804	13,336							
30	53	95 389	15 474,957	211 253,685	13,651	13,183							
31	54	95 036	14 510,755	195 778,727	13,492	13,024							
32	55	94 663	13 603,577	181 267,972	13,325	12,857							
33	56	94 252	12 747,782	167 664,395	13,152	12,684							
34	57	93 826	11 943,725	154 916,614	12,971	12,502							
35	58	93 363	11 185,724	142 972,889	12,782	12,313							
36	59	92 857	10 470,667	131 787,165	12,586	12,118							
37	60	92 329	9 798,709	121 316,498	12,381	11,913							
38	61	91 734	9 162,829	111 517,789	12,171	11,702							
39	62	91 114	8 565,577	102 354,959	11,950	11,481							
40	63	90 436	8 001,730	93 789,383	11,721	11,253							
41	64	89 710	7 470,619	85 787,653	11,483	11,015							
42	65	88 933	6 970,207	78 317,034	11,236	10,768							
43	66	88 102	6 498,906	71 346,827	10,978	10,510							
44	67	87 210	6 054,674	64 847,921	10,710	10,242							
45	68	86 239	5 635,100	58 793,247	10,433	9,965							
46	69	85 188	5 239,015	53 158,147	10,147	9,678							
47	70	84 022	4 863,325	47 919,132	9,853	9,385							
48	71	82 761	4 508,568	43 055,807	9,550	9,081							
49	72	81 369	4 171,953	38 547,239	9,240	8,771							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 609 025,742	16,196	15,728	50	74	78 414	3 783,968	32 694,633	8,640	8,172
1	25	98 922	93 102,950	1 509 677,820	16,215	15,747	51	75	76 570	3 477,641	28 910,665	8,313	7,845
2	26	98 865	87 575,597	1 416 574,870	16,175	15,707	52	76	74 505	3 184,782	25 433,024	7,986	7,517
3	27	98 819	82 386,210	1 328 999,274	16,131	15,663	53	77	72 234	2 906,098	22 248,241	7,656	7,187
4	28	98 779	77 508,242	1 246 613,064	16,084	15,615	54	78	69 740	2 640,719	19 342,143	7,325	6,856
5	29	98 739	72 919,478	1 169 104,822	16,033	15,564	55	79	66 989	2 387,326	16 701,424	6,996	6,528
6	30	98 700	68 603,122	1 096 185,345	15,979	15,510	56	80	64 029	2 147,605	14 314,097	6,665	6,197
7	31	98 663	64 543,120	1 027 582,222	15,921	15,453	57	81	60 795	1 919,202	12 166,492	6,339	5,871
8	32	98 621	60 720,788	963 039,103	15,860	15,392	58	82	57 326	1 703,229	10 247,290	6,016	5,548
9	33	98 577	57 123,691	902 318,315	15,796	15,328	59	83	53 588	1 498,509	8 544,061	5,702	5,233
10	34	98 533	53 739,409	845 194,624	15,728	15,259	60	84	49 626	1 306,089	7 045,551	5,394	4,926
11	35	98 484	50 553,221	791 455,215	15,656	15,188	61	85	45 467	1 126,243	5 739,462	5,096	4,628
12	36	98 433	47 554,602	740 901,994	15,580	15,112	62	86	41 121	958,681	4 613,219	4,812	4,344
13	37	98 377	44 731,723	693 347,393	15,500	15,032	63	87	36 690	805,062	3 654,538	4,539	4,071
14	38	98 316	42 074,587	648 615,670	15,416	14,947	64	88	32 057	662,016	2 849,476	4,304	3,836
15	39	98 242	39 569,738	606 541,083	15,328	14,860	65	89	27 632	537,070	2 187,460	4,073	3,605
16	40	98 153	37 208,482	566 971,345	15,238	14,769	66	90	23 399	428,050	1 650,390	3,856	3,387
17	41	98 054	34 984,409	529 762,863	15,143	14,674	67	91	19 599	337,446	1 222,340	3,622	3,154
18	42	97 939	32 887,908	494 778,455	15,044	14,576	68	92	15 914	257,872	884,894	3,432	2,963
19	43	97 792	30 906,859	461 890,547	14,945	14,476	69	93	12 653	192,968	627,022	3,249	2,781
20	44	97 636	29 042,258	430 983,687	14,840	14,372	70	94	9 818	140,930	434,054	3,080	2,612
21	45	97 467	27 286,670	401 941,429	14,730	14,262	71	95	7 426	100,320	293,124	2,922	2,454
22	46	97 280	25 632,373	374 654,759	14,616	14,148	72	96	5 466	69,495	192,804	2,774	2,306
23	47	97 075	24 073,618	349 022,386	14,498	14,030	73	97	3 906	46,740	123,309	2,638	2,170
24	48	96 853	22 605,746	324 948,768	14,375	13,906	74	98	2 707	30,489	76,569	2,511	2,043
25	49	96 618	21 224,338	302 343,022	14,245	13,777	75	99	1 815	19,244	46,079	2,395	1,926
26	50	96 359	19 922,242	281 118,684	14,111	13,642	76	100	1 177	11,742	26,835	2,286	1,817
27	51	96 075	18 695,112	261 196,442	13,971	13,503							
28	52	95 775	17 540,464	242 501,331	13,825	13,357							
29	53	95 450	16 452,727	224 960,867	13,673	13,205							
30	54	95 099	15 427,926	208 508,140	13,515	13,047							
31	55	94 733	14 464,522	193 080,214	13,349	12,880							
32	56	94 322	13 554,637	178 615,692	13,177	12,709							
33	57	93 894	12 699,431	165 061,055	12,998	12,529							
34	58	93 439	11 894,442	152 361,624	12,809	12,341							
35	59	92 938	11 134,721	140 467,182	12,615	12,147							
36	60	92 414	10 420,634	129 332,461	12,411	11,943							
37	61	91 824	9 745,131	118 911,827	12,202	11,734							
38	62	91 212	9 110,734	109 166,696	11,982	11,514							
39	63	90 542	8 511,830	100 055,961	11,755	11,287							
40	64	89 833	7 948,369	91 544,132	11,517	11,049							
41	65	89 065	7 416,862	83 595,762	11,271	10,803							
42	66	88 244	6 916,240	76 178,901	11,014	10,546							
43	67	87 378	6 445,486	69 262,660	10,746	10,278							
44	68	86 423	6 000,063	62 817,174	10,469	10,001							
45	69	85 394	5 579,904	56 817,111	10,182	9,714							
46	70	84 254	5 181,555	51 237,207	9,888	9,420							
47	71	83 018	4 805,217	46 055,652	9,585	9,116							
48	72	81 657	4 448,410	41 250,435	9,273	8,805							
49	73	80 110	4 107,392	36 802,025	8,960	8,492							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 605 236,107	16,161	15,693	50	75	76 899	3 710,846	30 959,661	8,343	7,875
1	26	98 900	93 082,203	1 505 910,773	16,178	15,710	51	76	74 864	3 400,156	27 248,814	8,014	7,546
2	27	98 838	87 552,200	1 412 828,570	16,137	15,669	52	77	72 616	3 104,056	23 848,659	7,683	7,215
3	28	98 794	82 364,943	1 325 276,370	16,090	15,622	53	78	70 143	2 821,954	20 744,603	7,351	6,883
4	29	98 753	77 488,110	1 242 911,427	16,040	15,572	54	79	67 421	2 552,894	17 922,649	7,021	6,552
5	30	98 712	72 899,253	1 165 423,316	15,987	15,518	55	80	64 474	2 297,681	15 369,755	6,689	6,221
6	31	98 673	68 584,295	1 092 524,064	15,930	15,461	56	81	61 252	2 054,456	13 072,074	6,363	5,894
7	32	98 630	64 522,077	1 023 939,769	15,870	15,401	57	82	57 786	1 824,210	11 017,618	6,040	5,571
8	33	98 587	60 699,757	959 417,692	15,806	15,338	58	83	54 066	1 606,370	9 193,408	5,723	5,255
9	34	98 542	57 103,024	898 717,935	15,739	15,270	59	84	50 107	1 401,167	7 587,037	5,415	4,946
10	35	98 493	53 717,600	841 614,911	15,667	15,199	60	85	45 954	1 209,457	6 185,870	5,115	4,646
11	36	98 442	50 531,677	787 897,310	15,592	15,124	61	86	41 589	1 030,180	4 976,412	4,831	4,362
12	37	98 387	47 532,426	737 365,633	15,513	15,045	62	87	37 147	866,026	3 946,233	4,557	4,088
13	38	98 325	44 708,163	689 833,207	15,430	14,961	63	88	32 483	712,753	3 080,207	4,322	3,853
14	39	98 258	42 049,781	645 125,044	15,342	14,874	64	89	28 035	578,958	2 367,454	4,089	3,621
15	40	98 173	39 541,910	603 075,263	15,252	14,783	65	90	23 770	462,004	1 788,497	3,871	3,403
16	41	98 083	37 181,960	563 533,353	15,156	14,688	66	91	19 932	364,615	1 326,492	3,638	3,170
17	42	97 973	34 955,337	526 351,393	15,058	14,589	67	92	16 206	279,019	961,878	3,447	2,979
18	43	97 847	32 856,798	491 396,056	14,956	14,487	68	93	12 906	209,139	682,859	3,265	2,797
19	44	97 689	30 874,236	458 539,258	14,852	14,383	69	94	10 035	153,046	473,720	3,095	2,627
20	45	97 525	29 009,417	427 665,022	14,742	14,274	70	95	7 605	109,165	320,674	2,938	2,469
21	46	97 335	27 249,763	398 655,606	14,630	14,161	71	96	5 611	75,797	211,509	2,790	2,322
22	47	97 130	25 592,619	371 405,843	14,512	14,044	72	97	4 023	51,149	135,712	2,653	2,185
23	48	96 906	24 031,841	345 813,224	14,390	13,921	73	98	2 797	33,468	84,562	2,527	2,058
24	49	96 674	22 563,858	321 781,383	14,261	13,793	74	99	1 883	21,212	51,094	2,409	1,940
25	50	96 416	21 179,935	299 217,525	14,127	13,659	75	100	1 226	12,991	29,882	2,300	1,832
26	51	96 133	19 875,695	278 037,590	13,989	13,520							
27	52	95 835	18 648,546	258 161,895	13,844	13,375							
28	53	95 509	17 491,862	239 513,349	13,693	13,224							
29	54	95 160	16 402,724	222 021,487	13,536	13,067							
30	55	94 796	15 378,770	205 618,763	13,370	12,902							
31	56	94 392	14 412,485	190 239,993	13,200	12,731							
32	57	93 964	13 503,226	175 827,508	13,021	12,553							
33	58	93 507	12 647,029	162 324,282	12,835	12,367							
34	59	93 013	11 840,207	149 677,252	12,641	12,173							
35	60	92 494	11 081,515	137 837,045	12,438	11,970							
36	61	91 908	10 363,656	126 755,530	12,231	11,762							
37	62	91 302	9 689,725	116 391,874	12,012	11,544							
38	63	90 640	9 053,567	106 702,148	11,786	11,317							
39	64	89 939	8 455,067	97 648,582	11,549	11,081							
40	65	89 187	7 891,174	89 193,514	11,303	10,835							
41	66	88 375	7 359,437	81 302,340	11,047	10,579							
42	67	87 519	6 859,391	73 942,903	10,780	10,311							
43	68	86 589	6 387,350	67 083,512	10,503	10,034							
44	69	85 576	5 941,291	60 696,162	10,216	9,748							
45	70	84 458	5 518,705	54 754,871	9,922	9,453							
46	71	83 247	5 119,645	49 236,165	9,617	9,149							
47	72	81 910	4 741,101	44 116,520	9,305	8,837							
48	73	80 393	4 379,570	39 375,419	8,991	8,522							
49	74	78 721	4 036,189	34 995,849	8,671	8,202							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	4 497,385	57 239,648	12,727	12,259
1	0	99 594	93 735,350	1 555 384,481	16,593	16,125	51	50	92 606	4 205,933	52 742,263	12,540	12,072
2	1	99 240	87 907,930	1 461 649,131	16,627	16,159	52	51	91 946	3 930,316	48 536,330	12,349	11,881
3	2	99 192	82 697,430	1 373 741,201	16,612	16,143	53	52	91 234	3 670,500	44 606,014	12,153	11,684
4	3	99 162	77 808,577	1 291 043,772	16,593	16,124	54	53	90 460	3 425,251	40 935,514	11,951	11,483
5	4	99 133	73 210,551	1 213 235,195	16,572	16,104	55	54	89 607	3 193,372	37 510,264	11,746	11,278
6	5	99 110	68 887,818	1 140 024,644	16,549	16,081	56	55	88 705	2 975,283	34 316,892	11,534	11,066
7	6	99 090	64 822,894	1 071 136,825	16,524	16,056	57	56	87 728	2 769,408	31 341,609	11,317	10,849
8	7	99 073	60 998,991	1 006 313,931	16,497	16,029	58	57	86 699	2 575,935	28 572,201	11,092	10,624
9	8	99 055	57 400,500	945 314,940	16,469	16,000	59	58	85 578	2 393,056	25 996,266	10,863	10,395
10	9	99 040	54 016,007	887 914,440	16,438	15,970	60	59	84 370	2 220,501	23 603,210	10,630	10,161
11	10	99 025	50 830,822	833 898,434	16,405	15,937	61	60	83 076	2 057,844	21 382,709	10,391	9,922
12	11	99 008	47 832,268	783 067,612	16,371	15,903	62	61	81 693	1 904,549	19 324,866	10,147	9,678
13	12	98 989	45 010,323	735 235,344	16,335	15,866	63	62	80 230	1 760,414	17 420,316	9,896	9,427
14	13	98 973	42 355,701	690 225,021	16,296	15,828	64	63	78 680	1 624,840	15 659,903	9,638	9,169
15	14	98 947	39 853,694	647 869,320	16,256	15,788	65	64	77 032	1 497,230	14 035,063	9,374	8,906
16	15	98 915	37 497,224	608 015,626	16,215	15,747	66	65	75 285	1 377,212	12 537,833	9,104	8,635
17	16	98 872	35 276,258	570 518,402	16,173	15,705	67	66	73 457	1 264,723	11 160,622	8,825	8,356
18	17	98 823	33 184,512	535 242,144	16,129	15,661	68	67	71 540	1 159,261	9 895,899	8,536	8,068
19	18	98 750	31 209,645	502 057,632	16,087	15,618	69	68	69 501	1 059,979	8 736,638	8,242	7,774
20	19	98 675	29 351,353	470 847,987	16,042	15,573	70	69	67 333	966,501	7 676,659	7,943	7,474
21	20	98 595	27 602,363	441 496,634	15,995	15,527	71	70	65 024	878,449	6 710,159	7,639	7,170
22	21	98 518	25 958,566	413 894,271	15,944	15,476	72	71	62 587	795,793	5 831,710	7,328	6,860
23	22	98 442	24 412,567	387 935,705	15,891	15,422	73	72	59 955	717,490	5 035,916	7,019	6,550
24	23	98 365	22 958,603	363 523,138	15,834	15,365	74	73	57 135	643,521	4 318,426	6,711	6,242
25	24	98 286	21 590,736	340 564,535	15,774	15,305	75	74	54 118	573,685	3 674,905	6,406	5,937
26	25	98 205	20 304,032	318 973,799	15,710	15,242	76	75	50 964	508,474	3 101,219	6,099	5,631
27	26	98 123	19 093,751	298 669,767	15,642	15,174	77	76	47 628	447,237	2 592,746	5,797	5,329
28	27	98 035	17 954,417	279 576,017	15,571	15,103	78	77	44 114	389,870	2 145,509	5,503	5,035
29	28	97 949	16 883,444	261 621,600	15,496	15,027	79	78	40 454	336,489	1 755,639	5,218	4,749
30	29	97 861	15 875,952	244 738,157	15,416	14,947	80	79	36 739	287,614	1 419,150	4,934	4,466
31	30	97 768	14 928,005	228 862,205	15,331	14,863	81	80	32 958	242,840	1 131,536	4,660	4,191
32	31	97 669	14 035,620	213 934,200	15,242	14,774	82	81	29 168	202,273	888,696	4,394	3,925
33	32	97 564	13 195,830	199 898,580	15,149	14,680	83	82	25 442	166,052	686,422	4,134	3,665
34	33	97 460	12 406,286	186 702,750	15,049	14,581	84	83	21 828	134,088	520,370	3,881	3,412
35	34	97 346	11 662,849	174 296,464	14,945	14,476	85	84	18 364	106,169	386,282	3,638	3,170
36	35	97 222	10 962,848	162 633,614	14,835	14,367	86	85	15 087	82,094	280,113	3,412	2,944
37	36	97 092	10 304,170	151 670,766	14,719	14,251	87	86	12 066	61,795	198,020	3,204	2,736
38	37	96 951	9 683,946	141 366,597	14,598	14,130	88	87	9 354	45,085	136,225	3,022	2,553
39	38	96 796	9 099,694	131 682,651	14,471	14,003	89	88	7 032	31,901	91,140	2,857	2,389
40	39	96 625	8 549,321	122 582,957	14,338	13,870	90	89	5 139	21,942	59,239	2,700	2,231
41	40	96 425	8 029,798	114 033,637	14,201	13,733	91	90	3 670	14,748	37,297	2,529	2,061
42	41	96 213	7 540,852	106 003,839	14,057	13,589	92	91	2 519	9,527	22,549	2,367	1,898
43	42	95 978	7 079,939	98 462,986	13,907	13,439	93	92	1 630	5,804	13,021	2,244	1,775
44	43	95 703	6 644,367	91 383,047	13,753	13,285	94	93	1 013	3,392	7,218	2,127	1,659
45	44	95 399	6 233,627	84 738,680	13,594	13,125	95	94	600	1,892	3,825	2,022	1,553
46	45	95 061	5 846,182	78 505,053	13,428	12,960	96	95	338	1,004	1,933	1,926	1,457
47	46	94 671	5 479,711	72 658,871	13,260	12,791	97	96	181	0,506	0,929	1,838	1,370
48	47	94 232	5 133,448	67 179,160	13,087	12,618	98	97	92	0,241	0,424	1,759	1,291
49	48	93 736	4 806,064	62 045,712	12,910	12,442	99	98	44	0,108	0,183	1,687	1,218
							100	99	20	0,046	0,074	1,621	1,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	4 505,734	57 617,167	12,788	12,319
1							51	49	92 800	4 214,751	53 111,433	12,601	12,133
2	0	99 558	88 190,104	1 462 580,251	16,584	16,116	52	50	92 161	3 939,520	48 896,682	12,412	11,943
3	1	99 221	82 720,950	1 374 390,146	16,615	16,146	53	51	91 462	3 679,665	44 957,162	12,218	11,749
4	2	99 178	77 821,123	1 291 669,196	16,598	16,130	54	52	90 711	3 434,768	41 277,497	12,018	11,549
5	3	99 147	73 221,050	1 213 848,073	16,578	16,110	55	53	89 880	3 203,107	37 842,729	11,814	11,346
6	4	99 122	68 896,075	1 140 627,023	16,556	16,087	56	54	88 989	2 984,793	34 639,622	11,605	11,137
7	5	99 099	64 828,758	1 071 730,948	16,532	16,063	57	55	88 044	2 779,407	31 654,829	11,389	10,921
8	6	99 081	61 003,882	1 006 902,190	16,506	16,037	58	56	87 029	2 585,742	28 875,422	11,167	10,699
9	7	99 063	57 405,296	945 898,307	16,478	16,009	59	57	85 932	2 402,971	26 289,680	10,940	10,472
10	8	99 046	54 019,362	888 493,012	16,448	15,979	60	58	84 756	2 230,672	23 886,709	10,708	10,240
11	9	99 031	50 834,049	834 473,650	16,416	15,947	61	59	83 475	2 067,724	21 656,037	10,473	10,005
12	10	99 016	47 836,122	783 639,601	16,382	15,913	62	60	82 142	1 915,020	19 588,313	10,229	9,760
13	11	98 997	45 013,898	735 803,479	16,346	15,878	63	61	80 689	1 770,480	17 673,293	9,982	9,514
14	12	98 981	42 358,948	690 789,581	16,308	15,840	64	62	79 176	1 635,099	15 902,813	9,726	9,258
15	13	98 957	39 857,615	648 430,633	16,269	15,800	65	63	77 549	1 507,281	14 267,713	9,466	8,998
16	14	98 927	37 501,867	608 573,018	16,228	15,759	66	64	75 831	1 387,194	12 760,432	9,199	8,730
17	15	98 886	35 281,041	571 071,151	16,186	15,718	67	65	74 030	1 274,591	11 373,238	8,923	8,455
18	16	98 839	33 189,847	535 790,111	16,143	15,675	68	66	72 133	1 168,868	10 098,647	8,640	8,171
19	17	98 768	31 215,125	502 600,263	16,101	15,633	69	67	70 134	1 069,627	8 929,779	8,349	7,880
20	18	98 697	29 357,766	471 385,139	16,057	15,588	70	68	67 999	976,061	7 860,152	8,053	7,585
21	19	98 616	27 608,300	442 027,373	16,011	15,542	71	69	65 745	888,190	6 884,091	7,751	7,282
22	20	98 539	25 964,044	414 419,073	15,961	15,493	72	70	63 344	805,417	5 995,901	7,444	6,976
23	21	98 463	24 417,845	388 455,029	15,909	15,440	73	71	60 766	727,193	5 190,484	7,138	6,669
24	22	98 387	22 963,880	364 037,183	15,853	15,384	74	72	58 033	653,637	4 463,291	6,828	6,360
25	23	98 308	21 595,648	341 073,304	15,794	15,325	75	73	55 073	583,806	3 809,654	6,526	6,057
26	24	98 228	20 308,649	319 477,656	15,731	15,263	76	74	51 969	518,493	3 225,848	6,222	5,753
27	25	98 145	19 098,006	299 169,007	15,665	15,197	77	75	48 714	457,429	2 707,355	5,919	5,450
28	26	98 061	17 959,215	280 071,001	15,595	15,126	78	76	45 261	400,010	2 249,927	5,625	5,156
29	27	97 974	16 887,803	262 111,786	15,521	15,052	79	77	41 660	346,522	1 849,917	5,339	4,870
30	28	97 886	15 880,077	245 223,983	15,442	14,974	80	78	38 003	297,509	1 503,395	5,053	4,585
31	29	97 796	14 932,147	229 343,907	15,359	14,891	81	79	34 244	252,314	1 205,886	4,779	4,311
32	30	97 696	14 039,473	214 411,760	15,272	14,804	82	80	30 491	211,444	953,572	4,510	4,041
33	31	97 596	13 200,133	200 372,287	15,180	14,711	83	81	26 767	174,699	742,127	4,248	3,780
34	32	97 494	12 410,585	187 172,154	15,082	14,613	84	82	23 144	142,173	567,428	3,991	3,523
35	33	97 381	11 667,071	174 761,569	14,979	14,511	85	83	19 639	113,545	425,255	3,745	3,277
36	34	97 262	10 967,299	163 094,499	14,871	14,403	86	84	16 292	88,653	311,711	3,516	3,048
37	35	97 133	10 308,563	152 127,200	14,757	14,289	87	85	13 191	67,558	223,058	3,302	2,833
38	36	96 996	9 688,464	141 818,637	14,638	14,170	88	86	10 354	49,909	155,500	3,116	2,647
39	37	96 847	9 104,489	132 130,174	14,513	14,044	89	87	7 943	36,032	105,592	2,930	2,462
40	38	96 682	8 554,364	123 025,685	14,382	13,913	90	88	5 876	25,090	69,560	2,772	2,304
41	39	96 493	8 035,449	114 471,321	14,246	13,777	91	89	4 266	17,144	44,469	2,594	2,125
42	40	96 282	7 546,231	106 435,871	14,105	13,636	92	90	2 957	11,185	27,325	2,443	1,975
43	41	96 058	7 085,828	98 889,640	13,956	13,488	93	91	1 972	7,019	16,140	2,300	1,831
44	42	95 794	6 650,658	91 803,813	13,804	13,335	94	92	1 249	4,183	9,121	2,181	1,712
45	43	95 500	6 240,214	85 153,155	13,646	13,178	95	93	756	2,385	4,938	2,070	1,602
46	44	95 169	5 852,800	78 912,941	13,483	13,015	96	94	437	1,296	2,553	1,970	1,501
47	45	94 799	5 487,133	73 060,141	13,315	12,846	97	95	240	0,669	1,257	1,878	1,410
48	46	94 378	5 141,422	67 573,008	13,143	12,675	98	96	125	0,327	0,588	1,795	1,327
49	47	93 899	4 814,419	62 431,585	12,968	12,499	99	97	61	0,151	0,260	1,720	1,252
							100	98	28	0,066	0,109	1,651	1,183

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	4 513,567	57 965,345	12,842	12,374
1							51	48	92 972	4 222,575	53 451,778	12,659	12,190
2							52	49	92 354	3 947,779	49 229,203	12,470	12,002
3	0	99 539	82 986,475	1 375 251,236	16,572	16,104	53	50	91 676	3 688,283	45 281,424	12,277	11,809
4	1	99 206	77 843,256	1 292 264,761	16,601	16,133	54	51	90 938	3 443,344	41 593,141	12,079	11,611
5	2	99 163	73 232,856	1 214 421,505	16,583	16,115	55	52	90 130	3 212,007	38 149,797	11,877	11,409
6	3	99 136	68 905,955	1 141 188,649	16,562	16,093	56	53	89 260	2 993,892	34 937,790	11,670	11,201
7	4	99 111	64 836,529	1 072 282,693	16,538	16,070	57	54	88 326	2 788,291	31 943,898	11,456	10,988
8	5	99 090	61 009,401	1 007 446,164	16,513	16,045	58	55	87 343	2 595,078	29 155,607	11,235	10,767
9	6	99 071	57 409,899	946 436,763	16,486	16,017	59	56	86 259	2 412,120	26 560,529	11,011	10,543
10	7	99 055	54 023,875	889 026,864	16,456	15,988	60	57	85 107	2 239,915	24 148,409	10,781	10,313
11	8	99 038	50 837,207	835 002,989	16,425	15,957	61	58	83 858	2 077,195	21 908,495	10,547	10,079
12	9	99 022	47 839,159	784 165,782	16,392	15,923	62	59	82 537	1 924,215	19 831,299	10,306	9,838
13	10	99 005	45 017,524	736 326,624	16,356	15,888	63	60	81 133	1 780,214	17 907,084	10,059	9,591
14	11	98 989	42 362,312	691 309,099	16,319	15,851	64	61	79 629	1 644,449	16 126,871	9,807	9,338
15	12	98 964	39 860,670	648 946,787	16,280	15,812	65	62	78 039	1 516,799	14 482,422	9,548	9,080
16	13	98 937	37 505,556	609 086,117	16,240	15,772	66	63	76 340	1 396,507	12 965,623	9,284	8,816
17	14	98 898	35 285,409	571 580,560	16,199	15,730	67	64	74 567	1 283,829	11 569,116	9,011	8,543
18	15	98 852	33 194,347	536 295,151	16,156	15,688	68	65	72 696	1 177,989	10 285,287	8,731	8,263
19	16	98 784	31 220,144	503 100,804	16,115	15,646	69	66	70 715	1 078,492	9 107,298	8,444	7,976
20	17	98 714	29 362,920	471 880,660	16,071	15,602	70	67	68 618	984,945	8 028,807	8,152	7,683
21	18	98 638	27 614,332	442 517,740	16,025	15,557	71	68	66 395	896,976	7 043,861	7,853	7,385
22	19	98 560	25 969,629	414 903,408	15,976	15,508	72	69	64 046	814,348	6 146,885	7,548	7,080
23	20	98 484	24 422,998	388 933,779	15,925	15,457	73	70	61 501	735,987	5 332,537	7,245	6,777
24	21	98 409	22 968,844	364 510,781	15,870	15,401	74	71	58 818	662,476	4 596,550	6,938	6,470
25	22	98 331	21 600,611	341 541,937	15,812	15,343	75	72	55 939	592,982	3 934,074	6,634	6,166
26	23	98 250	20 313,269	319 941,325	15,750	15,282	76	73	52 886	527,640	3 341,092	6,332	5,864
27	24	98 168	19 102,349	299 628,056	15,685	15,217	77	74	49 674	466,442	2 813,452	6,032	5,563
28	25	98 083	17 963,218	280 525,707	15,617	15,148	78	75	46 293	409,125	2 347,009	5,737	5,268
29	26	98 001	16 892,316	262 562,489	15,543	15,075	79	76	42 743	355,534	1 937,884	5,451	4,982
30	27	97 911	15 884,177	245 670,173	15,466	14,998	80	77	39 136	306,380	1 582,350	5,165	4,696
31	28	97 821	14 936,026	229 785,996	15,385	14,916	81	78	35 422	260,995	1 275,970	4,889	4,421
32	29	97 723	14 043,368	214 849,970	15,299	14,831	82	79	31 680	219,694	1 014,976	4,620	4,152
33	30	97 623	13 203,757	200 806,602	15,208	14,740	83	80	27 980	182,620	795,282	4,355	3,886
34	31	97 525	12 414,632	187 602,846	15,111	14,643	84	81	24 350	149,576	612,662	4,096	3,628
35	32	97 415	11 671,113	175 188,213	15,010	14,542	85	82	20 824	120,391	463,085	3,847	3,378
36	33	97 297	10 971,268	163 517,101	14,904	14,436	86	83	17 424	94,811	342,694	3,614	3,146
37	34	97 173	10 312,748	152 545,832	14,792	14,324	87	84	14 245	72,955	247,883	3,398	2,929
38	35	97 038	9 692,594	142 233,085	14,674	14,206	88	85	11 320	54,562	174,927	3,206	2,738
39	36	96 892	9 108,737	132 540,491	14,551	14,083	89	86	8 792	39,887	120,365	3,018	2,549
40	37	96 733	8 558,872	123 431,754	14,421	13,953	90	87	6 637	28,340	80,478	2,840	2,371
41	38	96 550	8 040,189	114 872,882	14,287	13,819	91	88	4 878	19,604	52,138	2,660	2,191
42	39	96 350	7 551,542	106 832,693	14,147	13,679	92	89	3 438	13,002	32,534	2,502	2,034
43	40	96 127	7 090,882	99 281,151	14,001	13,533	93	90	2 315	8,240	19,532	2,370	1,902
44	41	95 874	6 656,189	92 190,269	13,850	13,382	94	91	1 510	5,059	11,292	2,232	1,764
45	42	95 590	6 246,122	85 534,080	13,694	13,226	95	92	933	2,941	6,233	2,119	1,651
46	43	95 269	5 858,985	79 287,958	13,533	13,064	96	93	551	1,634	3,292	2,015	1,546
47	44	94 907	5 493,345	73 428,973	13,367	12,899	97	94	309	0,864	1,658	1,919	1,451
48	45	94 506	5 148,386	67 935,628	13,196	12,727	98	95	165	0,433	0,794	1,833	1,364
49	46	94 045	4 821,897	62 787,242	13,021	12,553	99	96	83	0,206	0,361	1,754	1,286
							100	97	40	0,092	0,155	1,682	1,214

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	4 520,578	58 286,003	12,893	12,425
1							51	47	93 134	4 229,916	53 765,425	12,711	12,242
2							52	48	92 526	3 955,108	49 535,510	12,524	12,056
3							53	49	91 869	3 696,015	45 580,402	12,332	11,864
4	0	99 524	78 093,124	1 293 060,895	16,558	16,090	54	50	91 150	3 451,408	41 884,387	12,135	11,667
5	1	99 191	73 253,684	1 214 967,771	16,586	16,117	55	51	90 355	3 220,027	38 432,978	11,936	11,467
6	2	99 152	68 917,066	1 141 714,086	16,566	16,098	56	52	89 508	3 002,211	35 212,951	11,729	11,261
7	3	99 125	64 845,827	1 072 797,020	16,544	16,075	57	53	88 595	2 796,791	32 210,741	11,517	11,049
8	4	99 102	61 016,714	1 007 951,193	16,519	16,051	58	54	87 622	2 603,373	29 413,950	11,298	10,830
9	5	99 080	57 415,092	946 934,479	16,493	16,024	59	55	86 571	2 420,829	26 810,577	11,075	10,607
10	6	99 063	54 028,207	889 519,387	16,464	15,996	60	56	85 432	2 248,443	24 389,748	10,847	10,379
11	7	99 046	50 841,454	835 491,180	16,433	15,965	61	57	84 205	2 085,802	22 141,305	10,615	10,147
12	8	99 028	47 842,130	784 649,726	16,401	15,932	62	58	82 915	1 933,029	20 055,503	10,375	9,907
13	9	99 011	45 020,383	736 807,595	16,366	15,898	63	59	81 522	1 788,761	18 122,474	10,131	9,663
14	10	98 996	42 365,725	691 787,213	16,329	15,861	64	60	80 067	1 653,490	16 333,713	9,878	9,410
15	11	98 972	39 863,836	649 421,487	16,291	15,823	65	61	78 485	1 525,472	14 680,223	9,623	9,155
16	12	98 945	37 508,432	609 557,651	16,251	15,783	66	62	76 822	1 405,325	13 154,752	9,361	8,892
17	13	98 908	35 288,880	572 049,220	16,210	15,742	67	63	75 068	1 292,448	11 749,427	9,091	8,622
18	14	98 864	33 198,457	536 760,339	16,168	15,700	68	64	73 223	1 186,527	10 456,979	8,813	8,345
19	15	98 797	31 224,377	503 561,882	16,127	15,659	69	65	71 267	1 086,907	9 270,452	8,529	8,061
20	16	98 730	29 367,641	472 337,506	16,084	15,615	70	66	69 187	993,108	8 183,545	8,240	7,772
21	17	98 655	27 619,180	442 969,864	16,038	15,570	71	67	66 999	905,140	7 190,436	7,944	7,476
22	18	98 582	25 975,303	415 350,684	15,990	15,522	72	68	64 680	822,404	6 285,296	7,643	7,174
23	19	98 505	24 428,252	389 375,381	15,940	15,471	73	69	62 183	744,149	5 462,892	7,341	6,873
24	20	98 430	22 973,691	364 947,130	15,885	15,417	74	70	59 529	670,487	4 718,744	7,038	6,569
25	21	98 352	21 605,281	341 973,438	15,828	15,360	75	71	56 695	601,001	4 048,257	6,736	6,267
26	22	98 273	20 317,938	320 368,157	15,768	15,299	76	72	53 717	535,933	3 447,256	6,432	5,964
27	23	98 190	19 106,695	300 050,218	15,704	15,236	77	73	50 550	474,671	2 911,322	6,133	5,665
28	24	98 105	17 967,303	280 943,523	15,636	15,168	78	74	47 205	417,187	2 436,651	5,841	5,372
29	25	98 022	16 896,081	262 976,221	15,564	15,096	79	75	43 717	363,636	2 019,464	5,554	5,085
30	26	97 937	15 888,422	246 080,140	15,488	15,020	80	76	40 154	314,348	1 655,828	5,268	4,799
31	27	97 846	14 939,882	230 191,718	15,408	14,940	81	77	36 478	268,777	1 341,480	4,991	4,523
32	28	97 749	14 047,016	215 251,836	15,324	14,855	82	78	32 770	227,252	1 072,703	4,720	4,252
33	29	97 650	13 207,420	201 204,819	15,234	14,766	83	79	29 072	189,745	845,451	4,456	3,987
34	30	97 552	12 418,040	187 997,399	15,139	14,671	84	80	25 454	156,358	655,706	4,194	3,725
35	31	97 447	11 674,919	175 579,359	15,039	14,571	85	81	21 908	126,660	499,348	3,942	3,474
36	32	97 331	10 975,069	163 904,440	14,934	14,466	86	82	18 475	100,528	372,688	3,707	3,239
37	33	97 208	10 316,480	152 929,371	14,824	14,355	87	83	15 235	78,024	272,159	3,488	3,020
38	34	97 077	9 696,529	142 612,890	14,708	14,239	88	84	12 224	58,922	194,136	3,295	2,826
39	35	96 933	9 112,620	132 916,361	14,586	14,118	89	85	9 612	43,607	135,214	3,101	2,632
40	36	96 778	8 562,865	123 803,741	14,458	13,990	90	86	7 348	31,372	91,607	2,920	2,452
41	37	96 601	8 044,426	115 240,876	14,326	13,857	91	87	5 510	22,143	60,236	2,720	2,252
42	38	96 407	7 555,997	107 196,450	14,187	13,719	92	88	3 931	14,867	38,093	2,562	2,094
43	39	96 194	7 095,872	99 640,453	14,042	13,574	93	89	2 691	9,579	23,225	2,425	1,956
44	40	95 942	6 660,937	92 544,581	13,894	13,425	94	90	1 773	5,939	13,646	2,298	1,829
45	41	95 670	6 251,317	85 883,644	13,738	13,270	95	91	1 128	3,557	7,707	2,167	1,698
46	42	95 360	5 864,532	79 632,327	13,579	13,110	96	92	679	2,015	4,150	2,060	1,591
47	43	95 007	5 499,150	73 767,795	13,414	12,946	97	93	390	1,089	2,135	1,961	1,492
48	44	94 613	5 154,214	68 268,645	13,245	12,777	98	94	213	0,559	1,046	1,870	1,402
49	45	94 172	4 828,428	63 114,431	13,071	12,603	99	95	110	0,272	0,487	1,788	1,320
							100	96	54	0,125	0,215	1,714	1,245

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	4 526,701	58 580,785	12,941	12,473
1							51	46	93 279	4 236,486	54 054,084	12,759	12,291
2							52	47	92 687	3 961,984	49 817,598	12,574	12,106
3							53	48	92 039	3 702,876	45 855,614	12,384	11,915
4							54	49	91 342	3 458,644	42 152,738	12,188	11,719
5	0	99 510	73 488,820	1 215 703,708	16,543	16,074	55	50	90 566	3 227,568	38 694,094	11,989	11,520
6	1	99 180	68 936,667	1 142 214,888	16,569	16,101	56	51	89 731	3 009,707	35 466,526	11,784	11,316
7	2	99 141	64 856,283	1 073 278,221	16,549	16,080	57	52	88 841	2 804,562	32 456,819	11,573	11,105
8	3	99 116	61 025,464	1 008 421,938	16,525	16,056	58	53	87 889	2 611,309	29 652,257	11,355	10,887
9	4	99 092	57 421,974	947 396,474	16,499	16,030	59	54	86 848	2 428,567	27 040,948	11,135	10,666
10	5	99 072	54 033,095	889 974,500	16,471	16,003	60	55	85 740	2 256,561	24 612,381	10,907	10,439
11	6	99 054	50 845,531	835 941,405	16,441	15,972	61	56	84 526	2 093,743	22 355,820	10,677	10,209
12	7	99 036	47 846,128	785 095,874	16,409	15,940	62	57	83 258	1 941,038	20 262,077	10,439	9,970
13	8	99 018	45 023,179	737 249,746	16,375	15,907	63	58	81 896	1 796,955	18 321,039	10,196	9,727
14	9	99 003	42 368,415	692 226,567	16,338	15,870	64	59	80 451	1 661,429	16 524,084	9,946	9,477
15	10	98 980	39 867,048	649 858,152	16,301	15,832	65	60	78 916	1 533,859	14 862,655	9,690	9,221
16	11	98 952	37 511,411	609 991,104	16,261	15,793	66	61	77 261	1 413,360	13 328,797	9,431	8,962
17	12	98 915	35 291,585	572 479,693	16,221	15,753	67	62	75 542	1 300,609	11 915,436	9,161	8,693
18	13	98 874	33 201,723	537 188,108	16,180	15,711	68	63	73 714	1 194,493	10 614,827	8,886	8,418
19	14	98 809	31 228,242	503 986,385	16,139	15,670	69	64	71 784	1 094,785	9 420,335	8,605	8,136
20	15	98 743	29 371,623	472 758,143	16,096	15,627	70	65	69 727	1 000,857	8 325,550	8,318	7,850
21	16	98 671	27 623,621	443 386,520	16,051	15,583	71	66	67 555	912,642	7 324,692	8,026	7,557
22	17	98 599	25 979,864	415 762,899	16,003	15,535	72	67	65 268	829,889	6 412,050	7,726	7,258
23	18	98 526	24 433,589	389 783,035	15,953	15,484	73	68	62 798	751,510	5 582,161	7,428	6,960
24	19	98 451	22 978,633	365 349,446	15,900	15,431	74	69	60 190	677,922	4 830,652	7,126	6,657
25	20	98 373	21 609,841	342 370,813	15,843	15,375	75	70	57 381	608,269	4 152,729	6,827	6,359
26	21	98 294	20 322,331	320 760,972	15,784	15,315	76	71	54 443	543,181	3 544,460	6,525	6,057
27	22	98 212	19 111,087	300 438,641	15,721	15,252	77	72	51 345	482,132	3 001,279	6,225	5,757
28	23	98 128	17 971,390	281 327,554	15,654	15,186	78	73	48 038	424,547	2 519,147	5,934	5,465
29	24	98 045	16 899,923	263 356,164	15,583	15,115	79	74	44 579	370,802	2 094,600	5,649	5,180
30	25	97 959	15 891,963	246 456,241	15,508	15,040	80	75	41 069	321,511	1 723,799	5,362	4,893
31	26	97 872	14 943,875	230 564,278	15,429	14,960	81	76	37 427	275,767	1 402,287	5,085	4,617
32	27	97 774	14 050,643	215 620,403	15,346	14,878	82	77	33 747	234,028	1 126,520	4,814	4,345
33	28	97 676	13 210,851	201 569,760	15,258	14,790	83	78	30 072	196,273	892,492	4,547	4,079
34	29	97 579	12 421,485	188 358,908	15,164	14,696	84	79	26 447	162,458	696,219	4,286	3,817
35	30	97 473	11 678,124	175 937,423	15,066	14,597	85	80	22 901	132,403	533,761	4,031	3,563
36	31	97 362	10 978,649	164 259,299	14,962	14,493	86	81	19 437	105,763	401,358	3,795	3,327
37	32	97 242	10 320,054	153 280,650	14,853	14,384	87	82	16 154	82,728	295,595	3,573	3,105
38	33	97 112	9 700,039	142 960,596	14,738	14,270	88	83	13 074	63,015	212,867	3,378	2,910
39	34	96 972	9 116,320	133 260,557	14,618	14,149	89	84	10 380	47,091	149,851	3,182	2,714
40	35	96 819	8 566,516	124 144,238	14,492	14,023	90	85	8 033	34,297	102,761	2,996	2,528
41	36	96 646	8 048,179	115 577,722	14,361	13,892	91	86	6 100	24,512	68,464	2,793	2,325
42	37	96 457	7 559,978	107 529,543	14,224	13,755	92	87	4 440	16,793	43,952	2,617	2,149
43	38	96 251	7 100,058	99 969,564	14,080	13,612	93	88	3 077	10,953	27,159	2,480	2,011
44	39	96 009	6 665,625	92 869,506	13,933	13,464	94	89	2 061	6,904	16,206	2,347	1,879
45	40	95 738	6 255,776	86 203,881	13,780	13,312	95	90	1 324	4,176	9,302	2,227	1,759
46	41	95 439	5 869,410	79 948,106	13,621	13,153	96	91	821	2,437	5,126	2,103	1,635
47	42	95 097	5 504,357	74 078,696	13,458	12,990	97	92	481	1,343	2,689	2,002	1,534
48	43	94 713	5 159,660	68 574,339	13,290	12,822	98	93	268	0,705	1,346	1,909	1,440
49	44	94 279	4 833,894	63 414,679	13,119	12,650	99	94	142	0,351	0,641	1,823	1,355
							100	95	71	0,166	0,289	1,746	1,277

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	4 531,825	58 851,116	12,986	12,518
1							51	45	93 405	4 242,224	54 319,291	12,804	12,336
2							52	46	92 831	3 968,138	50 077,067	12,620	12,151
3							53	47	92 199	3 709,313	46 108,929	12,431	11,962
4							54	48	91 511	3 465,065	42 399,616	12,236	11,768
5							55	49	90 756	3 234,335	38 934,551	12,038	11,570
6	0	99 498	69 157,946	1 142 895,100	16,526	16,058	56	50	89 942	3 016,756	35 700,216	11,834	11,366
7	1	99 170	64 874,729	1 073 737,154	16,551	16,083	57	51	89 063	2 811,565	32 683,461	11,625	11,156
8	2	99 132	61 035,304	1 008 862,425	16,529	16,061	58	52	88 134	2 618,565	29 871,896	11,408	10,939
9	3	99 106	57 430,209	947 827,121	16,504	16,036	59	53	87 112	2 435,970	27 253,331	11,188	10,720
10	4	99 083	54 039,572	890 396,912	16,477	16,008	60	54	86 014	2 263,774	24 817,361	10,963	10,494
11	5	99 063	50 850,131	836 357,341	16,447	15,979	61	55	84 831	2 101,303	22 553,588	10,733	10,265
12	6	99 044	47 849,964	785 507,210	16,416	15,948	62	56	83 575	1 948,428	20 452,285	10,497	10,028
13	7	99 026	45 026,941	737 657,246	16,383	15,914	63	57	82 235	1 804,400	18 503,856	10,255	9,786
14	8	99 009	42 371,047	692 630,305	16,347	15,878	64	58	80 820	1 669,039	16 699,456	10,005	9,537
15	9	98 986	39 869,579	650 259,259	16,310	15,841	65	59	79 295	1 541,223	15 030,417	9,752	9,284
16	10	98 960	37 514,433	610 389,679	16,271	15,802	66	60	77 686	1 421,131	13 489,194	9,492	9,024
17	11	98 923	35 294,388	572 875,247	16,231	15,763	67	61	75 973	1 308,046	12 068,063	9,226	8,758
18	12	98 881	33 204,268	537 580,858	16,190	15,722	68	62	74 180	1 202,035	10 760,017	8,952	8,483
19	13	98 819	31 231,315	504 376,590	16,150	15,681	69	63	72 266	1 102,135	9 557,982	8,672	8,204
20	14	98 755	29 375,260	473 145,275	16,107	15,639	70	64	70 232	1 008,112	8 455,848	8,388	7,919
21	15	98 684	27 627,366	443 770,015	16,063	15,594	71	65	68 082	919,763	7 447,736	8,097	7,629
22	16	98 615	25 984,041	416 142,649	16,015	15,547	72	66	65 809	836,767	6 527,973	7,801	7,333
23	17	98 544	24 437,879	390 158,608	15,965	15,497	73	67	63 370	758,350	5 691,206	7,505	7,036
24	18	98 472	22 983,654	365 720,730	15,912	15,444	74	68	60 785	684,628	4 932,856	7,205	6,737
25	19	98 394	21 614,489	342 737,076	15,857	15,388	75	69	58 017	615,014	4 248,228	6,908	6,439
26	20	98 314	20 326,620	321 122,587	15,798	15,330	76	70	55 102	549,750	3 633,213	6,609	6,140
27	21	98 234	19 115,219	300 795,968	15,736	15,268	77	71	52 039	488,652	3 083,464	6,310	5,842
28	22	98 150	17 975,521	281 680,749	15,670	15,202	78	72	48 793	431,220	2 594,812	6,017	5,549
29	23	98 067	16 903,768	263 705,228	15,600	15,132	79	73	45 365	377,343	2 163,592	5,734	5,265
30	24	97 982	15 895,577	246 801,460	15,526	15,058	80	74	41 878	327,847	1 786,249	5,448	4,980
31	25	97 894	14 947,206	230 905,883	15,448	14,980	81	75	38 280	282,051	1 458,402	5,171	4,702
32	26	97 800	14 054,398	215 958,677	15,366	14,898	82	76	34 625	240,115	1 176,350	4,899	4,431
33	27	97 701	13 214,262	201 904,279	15,279	14,811	83	77	30 969	202,125	936,236	4,632	4,164
34	28	97 605	12 424,712	188 690,017	15,187	14,718	84	78	27 357	168,047	734,111	4,368	3,900
35	29	97 500	11 681,364	176 265,304	15,089	14,621	85	79	23 795	137,569	566,064	4,115	3,646
36	30	97 389	10 981,663	164 583,940	14,987	14,519	86	80	20 318	110,558	428,495	3,876	3,407
37	31	97 273	10 323,420	153 602,278	14,879	14,411	87	81	16 995	87,036	317,936	3,653	3,185
38	32	97 146	9 703,399	143 278,858	14,766	14,297	88	82	13 862	66,815	230,900	3,456	2,987
39	33	97 007	9 119,619	133 575,459	14,647	14,179	89	83	11 101	50,362	164,085	3,258	2,790
40	34	96 859	8 569,994	124 455,840	14,522	14,054	90	84	8 674	37,037	113,723	3,071	2,602
41	35	96 687	8 051,611	115 885,846	14,393	13,925	91	85	6 669	26,798	76,686	2,862	2,393
42	36	96 502	7 563,505	107 834,235	14,257	13,789	92	86	4 915	18,590	49,888	2,684	2,215
43	37	96 302	7 103,800	100 270,730	14,115	13,647	93	87	3 476	12,372	31,298	2,530	2,061
44	38	96 066	6 669,557	93 166,930	13,969	13,501	94	88	2 356	7,895	18,927	2,397	1,929
45	39	95 805	6 260,178	86 497,373	13,817	13,349	95	89	1 540	4,854	11,032	2,273	1,804
46	40	95 507	5 873,596	80 237,195	13,661	13,192	96	90	964	2,861	6,178	2,160	1,691
47	41	95 176	5 508,934	74 363,599	13,499	13,030	97	91	581	1,624	3,317	2,043	1,574
48	42	94 803	5 164,546	68 854,664	13,332	12,864	98	92	331	0,870	1,693	1,947	1,479
49	43	94 379	4 839,002	63 690,118	13,162	12,693	99	93	179	0,443	0,824	1,859	1,390
							100	94	92	0,214	0,380	1,778	1,310



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	4 536,614	59 098,984	13,027	12,559
1							51	44	93 511	4 247,027	54 562,370	12,847	12,379
2							52	45	92 956	3 973,512	50 315,344	12,663	12,194
3							53	46	92 342	3 715,075	46 341,832	12,474	12,006
4							54	47	91 670	3 471,089	42 626,756	12,281	11,812
5							55	48	90 925	3 240,339	39 155,668	12,084	11,615
6							56	49	90 130	3 023,080	35 915,329	11,880	11,412
7	0	99 488	65 082,969	1 074 365,821	16,508	16,039	57	50	89 272	2 818,149	32 892,249	11,672	11,203
8	1	99 160	61 052,663	1 009 282,852	16,531	16,063	58	51	88 354	2 625,103	30 074,099	11,456	10,988
9	2	99 122	57 439,469	948 230,189	16,508	16,040	59	52	87 354	2 442,739	27 448,996	11,237	10,769
10	3	99 098	54 047,321	890 790,720	16,482	16,013	60	53	86 276	2 270,675	25 006,258	11,013	10,544
11	4	99 075	50 856,226	836 743,399	16,453	15,985	61	54	85 102	2 108,019	22 735,583	10,785	10,317
12	5	99 053	47 854,293	785 887,173	16,423	15,954	62	55	83 877	1 955,463	20 627,564	10,549	10,080
13	6	99 034	45 030,551	738 032,880	16,390	15,921	63	56	82 548	1 811,270	18 672,101	10,309	9,840
14	7	99 017	42 374,587	693 002,329	16,354	15,886	64	57	81 155	1 675,955	16 860,831	10,060	9,592
15	8	98 993	39 872,056	650 627,742	16,318	15,850	65	58	79 658	1 548,283	15 184,876	9,808	9,339
16	9	98 967	37 516,815	610 755,686	16,280	15,811	66	59	78 059	1 427,954	13 636,593	9,550	9,081
17	10	98 931	35 297,232	573 238,872	16,240	15,772	67	60	76 391	1 315,238	12 208,639	9,282	8,814
18	11	98 889	33 206,906	537 941,640	16,200	15,731	68	61	74 604	1 208,908	10 893,401	9,011	8,543
19	12	98 826	31 233,709	504 734,734	16,160	15,692	69	62	72 722	1 109,094	9 684,493	8,732	8,264
20	13	98 765	29 378,150	473 501,025	16,117	15,649	70	63	70 703	1 014,880	8 575,399	8,450	7,981
21	14	98 696	27 630,787	444 122,876	16,073	15,605	71	64	68 575	926,430	7 560,520	8,161	7,693
22	15	98 628	25 987,564	416 492,089	16,027	15,558	72	65	66 323	843,296	6 634,090	7,867	7,399
23	16	98 560	24 441,808	390 504,525	15,977	15,509	73	66	63 895	764,635	5 790,794	7,573	7,105
24	17	98 489	22 987,689	366 062,717	15,924	15,456	74	67	61 338	690,860	5 026,159	7,275	6,807
25	18	98 415	21 619,212	343 075,028	15,869	15,401	75	68	58 591	621,098	4 335,300	6,980	6,512
26	19	98 336	20 330,992	321 455,817	15,811	15,343	76	69	55 713	555,846	3 714,202	6,682	6,214
27	20	98 254	19 119,253	301 124,825	15,750	15,281	77	70	52 668	494,561	3 158,356	6,386	5,918
28	21	98 172	17 979,407	282 005,572	15,685	15,217	78	71	49 453	437,052	2 663,794	6,095	5,627
29	22	98 090	16 907,653	264 026,165	15,616	15,147	79	72	46 078	383,274	2 226,743	5,810	5,341
30	23	98 004	15 899,193	247 118,512	15,543	15,074	80	73	42 617	333,630	1 843,468	5,525	5,057
31	24	97 916	14 950,605	231 219,319	15,466	14,997	81	74	39 034	287,609	1 509,838	5,250	4,781
32	25	97 822	14 057,531	216 268,714	15,385	14,916	82	75	35 414	245,586	1 222,229	4,977	4,508
33	26	97 727	13 217,794	202 211,183	15,298	14,830	83	76	31 774	207,382	976,642	4,709	4,241
34	27	97 630	12 427,921	188 993,390	15,207	14,739	84	77	28 172	173,058	769,261	4,445	3,977
35	28	97 526	11 684,399	176 565,469	15,111	14,643	85	78	24 613	142,302	596,203	4,190	3,721
36	29	97 416	10 984,709	164 881,070	15,010	14,542	86	79	21 111	114,872	453,901	3,951	3,483
37	30	97 300	10 326,254	153 896,361	14,903	14,435	87	80	17 765	90,982	339,029	3,726	3,258
38	31	97 177	9 706,564	143 570,107	14,791	14,323	88	81	14 584	70,294	248,047	3,529	3,060
39	32	97 041	9 122,779	133 863,543	14,674	14,205	89	82	11 771	53,399	177,753	3,329	2,860
40	33	96 894	8 573,095	124 740,765	14,550	14,082	90	83	9 277	39,610	124,354	3,139	2,671
41	34	96 727	8 054,879	116 167,669	14,422	13,954	91	84	7 201	28,939	84,744	2,928	2,460
42	35	96 544	7 566,730	108 112,790	14,288	13,820	92	85	5 373	20,323	55,805	2,746	2,278
43	36	96 347	7 107,114	100 546,060	14,147	13,679	93	86	3 847	13,695	35,482	2,591	2,122
44	37	96 117	6 673,071	93 438,946	14,002	13,534	94	87	2 662	8,917	21,786	2,443	1,975
45	38	95 862	6 263,871	86 765,874	13,852	13,383	95	88	1 760	5,551	12,869	2,318	1,850
46	39	95 574	5 877,730	80 502,003	13,696	13,228	96	89	1 121	3,325	7,318	2,201	1,732
47	40	95 244	5 512,864	74 624,273	13,536	13,068	97	90	683	1,907	3,993	2,094	1,626
48	41	94 882	5 168,841	69 111,409	13,371	12,902	98	91	400	1,052	2,086	1,984	1,516
49	42	94 468	4 843,584	63 942,568	13,201	12,733	99	92	221	0,546	1,035	1,894	1,426
							100	93	116	0,270	0,488	1,811	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	4 540,909	59 326,069	13,065	12,596
1							51	43	93 609	4 251,514	54 785,160	12,886	12,418
2							52	44	93 062	3 978,011	50 533,646	12,703	12,235
3							53	45	92 468	3 720,107	46 555,635	12,515	12,046
4							54	46	91 813	3 476,480	42 835,528	12,322	11,853
5							55	47	91 083	3 245,972	39 359,048	12,126	11,657
6							56	48	90 297	3 028,692	36 113,076	11,924	11,455
7							57	49	89 459	2 824,057	33 084,383	11,715	11,247
8	0	99 478	61 248,635	1 009 863,877	16,488	16,020	58	50	88 561	2 631,251	30 260,326	11,500	11,032
9	1	99 150	57 455,806	948 615,241	16,510	16,042	59	51	87 572	2 448,838	27 629,075	11,283	10,814
10	2	99 114	54 056,036	891 159,436	16,486	16,017	60	52	86 516	2 276,984	25 180,237	11,059	10,590
11	3	99 089	50 863,519	837 103,400	16,458	15,989	61	53	85 361	2 114,445	22 903,253	10,832	10,363
12	4	99 065	47 860,029	786 239,881	16,428	15,960	62	54	84 145	1 961,714	20 788,808	10,597	10,129
13	5	99 043	45 034,625	738 379,852	16,396	15,927	63	55	82 846	1 817,810	18 827,094	10,357	9,889
14	6	99 025	42 377,985	693 345,227	16,361	15,893	64	56	81 464	1 682,335	17 009,285	10,111	9,642
15	7	99 001	39 875,387	650 967,243	16,325	15,857	65	57	79 988	1 554,698	15 326,949	9,858	9,390
16	8	98 973	37 519,145	611 091,856	16,287	15,819	66	58	78 417	1 434,495	13 772,251	9,601	9,132
17	9	98 937	35 299,473	573 572,711	16,249	15,780	67	59	76 758	1 321,553	12 337,756	9,336	8,867
18	10	98 897	33 209,581	538 273,238	16,208	15,740	68	60	75 014	1 215,555	11 016,204	9,063	8,594
19	11	98 834	31 236,190	505 063,657	16,169	15,701	69	61	73 138	1 115,436	9 800,649	8,786	8,318
20	12	98 773	29 380,402	473 827,467	16,127	15,659	70	62	71 150	1 021,288	8 685,213	8,504	8,036
21	13	98 706	27 633,505	444 447,065	16,084	15,615	71	63	69 036	932,649	7 663,926	8,217	7,749
22	14	98 641	25 990,781	416 813,560	16,037	15,569	72	64	66 804	849,408	6 731,276	7,925	7,456
23	15	98 573	24 445,122	390 822,779	15,988	15,519	73	65	64 394	770,601	5 881,868	7,633	7,164
24	16	98 505	22 991,385	366 377,657	15,935	15,467	74	66	61 847	696,585	5 111,267	7,338	6,869
25	17	98 433	21 623,007	343 386,272	15,881	15,412	75	67	59 124	626,751	4 414,682	7,044	6,575
26	18	98 357	20 335,434	321 763,265	15,823	15,354	76	68	56 264	561,344	3 787,930	6,748	6,280
27	19	98 276	19 123,365	301 427,831	15,762	15,294	77	69	53 252	500,046	3 226,586	6,453	5,984
28	20	98 192	17 983,201	282 304,466	15,698	15,230	78	70	50 051	442,337	2 726,540	6,164	5,696
29	21	98 111	16 911,309	264 321,265	15,630	15,161	79	71	46 701	388,457	2 284,204	5,880	5,412
30	22	98 026	15 902,848	247 409,956	15,558	15,089	80	72	43 287	338,875	1 895,746	5,594	5,126
31	23	97 939	14 954,006	231 507,108	15,481	15,013	81	73	39 723	292,683	1 556,872	5,319	4,851
32	24	97 844	14 060,727	216 553,102	15,401	14,933	82	74	36 112	250,426	1 264,189	5,048	4,580
33	25	97 749	13 220,740	202 492,375	15,316	14,848	83	75	32 498	212,108	1 013,763	4,779	4,311
34	26	97 656	12 431,242	189 271,635	15,225	14,757	84	76	28 905	177,559	801,655	4,515	4,047
35	27	97 551	11 687,416	176 840,393	15,131	14,662	85	77	25 347	146,545	624,097	4,259	3,790
36	28	97 441	10 987,563	165 152,978	15,031	14,563	86	78	21 837	118,824	477,552	4,019	3,551
37	29	97 327	10 329,119	154 165,415	14,925	14,457	87	79	18 459	94,532	358,728	3,795	3,326
38	30	97 204	9 709,228	143 836,296	14,814	14,346	88	80	15 245	73,481	264,196	3,595	3,127
39	31	97 073	9 125,754	134 127,067	14,698	14,229	89	81	12 384	56,180	190,715	3,395	2,926
40	32	96 927	8 576,066	125 001,313	14,576	14,107	90	82	9 836	41,999	134,535	3,203	2,735
41	33	96 762	8 057,795	116 425,248	14,449	13,980	91	83	7 702	30,949	92,537	2,990	2,522
42	34	96 583	7 569,802	108 367,453	14,316	13,847	92	84	5 803	21,947	61,587	2,806	2,338
43	35	96 388	7 110,144	100 797,651	14,177	13,708	93	85	4 206	14,972	39,641	2,648	2,179
44	36	96 162	6 676,185	93 687,507	14,033	13,565	94	86	2 946	9,871	24,668	2,499	2,031
45	37	95 912	6 267,172	87 011,322	13,884	13,415	95	87	1 988	6,270	14,797	2,360	1,892
46	38	95 631	5 881,197	80 744,150	13,729	13,261	96	88	1 281	3,802	8,527	2,243	1,774
47	39	95 311	5 516,744	74 862,953	13,570	13,102	97	89	793	2,216	4,725	2,132	1,664
48	40	94 949	5 172,528	69 346,209	13,407	12,938	98	90	470	1,235	2,509	2,032	1,564
49	41	94 547	4 847,612	64 173,681	13,238	12,770	99	91	267	0,661	1,274	1,928	1,460
							100	92	143	0,333	0,613	1,843	1,375

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	4 544,686	59 533,891	13,100	12,631
1							51	42	93 698	4 255,540	54 989,205	12,922	12,453
2							52	43	93 160	3 982,214	50 733,665	12,740	12,272
3							53	44	92 572	3 724,318	46 751,451	12,553	12,085
4							54	45	91 937	3 481,189	43 027,133	12,360	11,892
5							55	46	91 224	3 251,014	39 545,944	12,164	11,696
6							56	47	90 454	3 033,957	36 294,930	11,963	11,495
7							57	48	89 625	2 829,300	33 260,972	11,756	11,288
8							58	49	88 746	2 636,767	30 431,672	11,541	11,073
9	0	99 469	57 640,232	949 152,256	16,467	15,998	59	50	87 778	2 454,573	27 794,905	11,324	10,855
10	1	99 142	54 071,410	891 512,024	16,488	16,019	60	51	86 732	2 282,669	25 340,332	11,101	10,633
11	2	99 105	50 871,720	837 440,613	16,462	15,993	61	52	85 599	2 120,321	23 057,662	10,875	10,406
12	3	99 079	47 866,892	786 568,893	16,432	15,964	62	53	84 402	1 967,694	20 937,342	10,641	10,172
13	4	99 055	45 040,023	738 702,001	16,401	15,933	63	54	83 111	1 823,620	18 969,648	10,402	9,934
14	5	99 034	42 381,818	693 661,978	16,367	15,899	64	55	81 758	1 688,410	17 146,028	10,155	9,687
15	6	99 009	39 878,584	651 280,160	16,332	15,863	65	56	80 293	1 560,617	15 457,619	9,905	9,436
16	7	98 981	37 522,280	611 401,575	16,294	15,826	66	57	78 742	1 440,439	13 897,001	9,648	9,179
17	8	98 943	35 301,666	573 879,296	16,256	15,788	67	58	77 110	1 327,606	12 456,563	9,383	8,914
18	9	98 904	33 211,689	538 577,630	16,217	15,748	68	59	75 374	1 221,391	11 128,957	9,112	8,643
19	10	98 842	31 238,706	505 365,940	16,178	15,709	69	60	73 540	1 121,568	9 907,566	8,834	8,365
20	11	98 780	29 382,735	474 127,234	16,136	15,668	70	61	71 557	1 027,128	8 785,998	8,554	8,086
21	12	98 714	27 635,623	444 744,499	16,093	15,625	71	62	69 471	938,538	7 758,870	8,267	7,799
22	13	98 650	25 993,338	417 108,875	16,047	15,578	72	63	67 252	855,111	6 820,332	7,976	7,508
23	14	98 585	24 448,148	391 115,537	15,998	15,529	73	64	64 860	776,186	5 965,221	7,685	7,217
24	15	98 519	22 994,502	366 667,389	15,946	15,478	74	65	62 329	702,021	5 189,035	7,392	6,923
25	16	98 449	21 626,484	343 672,887	15,891	15,423	75	66	59 614	631,946	4 487,014	7,100	6,632
26	17	98 374	20 339,004	322 046,403	15,834	15,366	76	67	56 776	566,454	3 855,068	6,806	6,337
27	18	98 297	19 127,543	301 707,399	15,773	15,305	77	68	53 779	504,992	3 288,615	6,512	6,044
28	19	98 213	17 987,070	282 579,855	15,710	15,242	78	69	50 606	447,242	2 783,623	6,224	5,756
29	20	98 131	16 914,877	264 592,786	15,643	15,174	79	70	47 266	393,155	2 336,381	5,943	5,474
30	21	98 048	15 906,286	247 677,908	15,571	15,103	80	71	43 872	343,457	1 943,226	5,658	5,189
31	22	97 961	14 957,443	231 771,623	15,495	15,027	81	72	40 347	297,283	1 599,768	5,381	4,913
32	23	97 866	14 063,926	216 814,179	15,416	14,948	82	73	36 749	254,844	1 302,485	5,111	4,643
33	24	97 771	13 223,746	202 750,253	15,332	14,864	83	74	33 139	216,287	1 047,642	4,844	4,375
34	25	97 678	12 434,012	189 526,507	15,243	14,774	84	75	29 564	181,605	831,354	4,578	4,109
35	26	97 577	11 690,539	177 092,494	15,148	14,680	85	76	26 006	150,356	649,749	4,321	3,853
36	27	97 466	10 990,400	165 401,955	15,050	14,581	86	77	22 488	122,367	499,393	4,081	3,613
37	28	97 352	10 331,803	154 411,555	14,945	14,477	87	78	19 094	97,784	377,027	3,856	3,387
38	29	97 231	9 711,922	144 079,753	14,835	14,367	88	79	15 840	76,348	279,242	3,657	3,189
39	30	97 099	9 128,259	134 367,831	14,720	14,252	89	80	12 945	58,727	202,894	3,455	2,987
40	31	96 959	8 578,862	125 239,572	14,599	14,130	90	81	10 349	44,186	144,167	3,263	2,794
41	32	96 795	8 060,586	116 660,709	14,473	14,005	91	82	8 166	32,815	99,982	3,047	2,578
42	33	96 618	7 572,542	108 600,123	14,341	13,873	92	83	6 206	23,472	67,167	2,862	2,393
43	34	96 427	7 113,031	101 027,581	14,203	13,735	93	84	4 542	16,169	43,695	2,702	2,234
44	35	96 203	6 679,031	93 914,550	14,061	13,593	94	85	3 221	10,791	27,526	2,551	2,082
45	36	95 957	6 270,096	87 235,519	13,913	13,445	95	86	2 201	6,941	16,735	2,411	1,943
46	37	95 681	5 884,297	80 965,423	13,760	13,291	96	87	1 447	4,295	9,794	2,280	1,812
47	38	95 367	5 519,998	75 081,127	13,602	13,133	97	88	907	2,534	5,499	2,170	1,702
48	39	95 016	5 176,168	69 561,129	13,439	12,970	98	89	546	1,435	2,965	2,066	1,598
49	40	94 614	4 851,070	64 384,960	13,272	12,804	99	90	314	0,776	1,530	1,972	1,504
							100	91	173	0,402	0,754	1,874	1,406

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	4 547,928	59 723,821	13,132	12,664
1							51	41	93 776	4 259,079	55 175,893	12,955	12,487
2							52	42	93 248	3 985,985	50 916,814	12,774	12,306
3							53	43	92 670	3 728,254	46 930,829	12,588	12,120
4							54	44	92 041	3 485,130	43 202,576	12,396	11,928
5							55	45	91 348	3 255,417	39 717,446	12,200	11,732
6							56	46	90 595	3 038,670	36 462,028	11,999	11,531
7							57	47	89 781	2 834,218	33 423,358	11,793	11,324
8							58	48	88 911	2 641,662	30 589,140	11,580	11,111
9							59	49	87 962	2 459,719	27 947,478	11,362	10,894
10	0	99 460	54 244,973	892 008,404	16,444	15,976	60	50	86 935	2 288,015	25 487,759	11,140	10,671
11	1	99 133	50 886,189	837 763,431	16,463	15,995	61	51	85 812	2 125,615	23 199,743	10,914	10,446
12	2	99 095	47 874,611	786 877,242	16,436	15,968	62	52	84 636	1 973,161	21 074,128	10,680	10,212
13	3	99 069	45 046,482	739 002,631	16,405	15,937	63	53	83 364	1 829,179	19 100,967	10,442	9,974
14	4	99 046	42 386,898	693 956,149	16,372	15,904	64	54	82 019	1 693,806	17 271,788	10,197	9,729
15	5	99 018	39 882,192	651 569,251	16,337	15,869	65	55	80 583	1 566,252	15 577,982	9,946	9,478
16	6	98 989	37 525,288	611 687,059	16,301	15,832	66	56	79 041	1 445,923	14 011,730	9,691	9,222
17	7	98 952	35 304,615	574 161,771	16,263	15,795	67	57	77 429	1 333,107	12 565,807	9,426	8,958
18	8	98 910	33 213,752	538 857,156	16,224	15,756	68	58	75 719	1 226,986	11 232,701	9,155	8,686
19	9	98 849	31 240,690	505 643,403	16,185	15,717	69	59	73 893	1 126,953	10 005,715	8,879	8,410
20	10	98 788	29 385,103	474 402,714	16,144	15,676	70	60	71 950	1 032,775	8 878,762	8,597	8,129
21	11	98 721	27 637,818	445 017,611	16,102	15,633	71	61	69 869	943,905	7 845,987	8,312	7,844
22	12	98 658	25 995,331	417 379,793	16,056	15,588	72	62	67 677	860,510	6 902,082	8,021	7,553
23	13	98 595	24 450,553	391 384,462	16,007	15,539	73	63	65 296	781,397	6 041,572	7,732	7,263
24	14	98 531	22 997,349	366 933,908	15,955	15,487	74	64	62 781	707,109	5 260,175	7,439	6,971
25	15	98 462	21 629,416	343 936,559	15,901	15,433	75	65	60 079	636,877	4 553,066	7,149	6,681
26	16	98 390	20 342,275	322 307,143	15,844	15,376	76	66	57 246	571,148	3 916,189	6,857	6,388
27	17	98 314	19 130,901	301 964,869	15,784	15,316	77	67	54 269	509,588	3 345,041	6,564	6,096
28	18	98 235	17 990,999	282 833,967	15,721	15,253	78	68	51 106	451,666	2 835,452	6,278	5,809
29	19	98 153	16 918,516	264 842,968	15,654	15,186	79	69	47 790	397,515	2 383,787	5,997	5,528
30	20	98 068	15 909,643	247 924,452	15,583	15,115	80	70	44 403	347,611	1 986,272	5,714	5,246
31	21	97 982	14 960,677	232 014,809	15,508	15,040	81	71	40 893	301,304	1 638,661	5,439	4,970
32	22	97 889	14 067,159	217 054,132	15,430	14,961	82	72	37 327	258,849	1 337,357	5,167	4,698
33	23	97 793	13 226,755	202 986,973	15,347	14,878	83	73	33 723	220,103	1 078,508	4,900	4,432
34	24	97 700	12 436,840	189 760,218	15,258	14,790	84	74	30 146	185,184	858,405	4,635	4,167
35	25	97 599	11 693,145	177 323,378	15,165	14,696	85	75	26 599	153,782	673,222	4,378	3,909
36	26	97 493	10 993,337	165 630,234	15,066	14,598	86	76	23 073	125,549	519,439	4,137	3,669
37	27	97 378	10 334,470	154 636,897	14,963	14,495	87	77	19 663	100,700	393,890	3,912	3,443
38	28	97 256	9 714,445	144 302,427	14,854	14,386	88	78	16 385	78,975	293,190	3,712	3,244
39	29	97 126	9 130,791	134 587,981	14,740	14,272	89	79	13 450	61,018	214,216	3,511	3,042
40	30	96 985	8 581,217	125 457,190	14,620	14,152	90	80	10 818	46,189	153,198	3,317	2,848
41	31	96 827	8 063,215	116 875,972	14,495	14,027	91	81	8 591	34,524	107,009	3,100	2,631
42	32	96 651	7 575,165	108 812,757	14,364	13,896	92	82	6 580	24,887	72,485	2,913	2,444
43	33	96 462	7 115,605	101 237,592	14,228	13,759	93	83	4 858	17,292	47,598	2,753	2,284
44	34	96 242	6 681,743	94 121,987	14,086	13,618	94	84	3 478	11,654	30,306	2,601	2,132
45	35	95 998	6 272,769	87 440,244	13,940	13,471	95	85	2 406	7,588	18,652	2,458	1,990
46	36	95 726	5 887,042	81 167,475	13,787	13,319	96	86	1 602	4,754	11,064	2,327	1,859
47	37	95 417	5 522,907	75 280,433	13,631	13,162	97	87	1 025	2,862	6,310	2,204	1,736
48	38	95 072	5 179,222	69 757,526	13,469	13,000	98	88	624	1,641	3,447	2,101	1,632
49	39	94 681	4 854,484	64 578,304	13,303	12,834	99	89	364	0,902	1,806	2,003	1,535
							100	90	203	0,472	0,904	1,915	1,447

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	4 551,128	59 897,599	13,161	12,693
1							51	40	93 843	4 262,117	55 346,471	12,986	12,517
2							52	41	93 326	3 989,300	51 084,354	12,805	12,337
3							53	42	92 758	3 731,784	47 095,055	12,620	12,152
4							54	43	92 138	3 488,813	43 363,271	12,429	11,961
5							55	44	91 451	3 259,103	39 874,458	12,235	11,766
6							56	45	90 718	3 042,786	36 615,355	12,033	11,565
7							57	46	89 920	2 838,621	33 572,570	11,827	11,359
8							58	47	89 066	2 646,255	30 733,949	11,614	11,146
9							59	48	88 125	2 464,285	28 087,694	11,398	10,930
10							60	49	87 117	2 292,812	25 623,409	11,176	10,707
11	0	99 451	51 049,527	838 222,305	16,420	15,951	61	50	86 013	2 130,593	23 330,597	10,950	10,482
12	1	99 123	47 888,227	787 172,778	16,438	15,969	62	51	84 848	1 978,088	21 200,004	10,717	10,249
13	2	99 085	45 053,745	739 284,551	16,409	15,941	63	52	83 596	1 834,262	19 221,916	10,479	10,011
14	3	99 060	42 392,977	694 230,806	16,376	15,908	64	53	82 269	1 698,970	17 387,654	10,234	9,766
15	4	99 030	39 886,972	651 837,829	16,342	15,874	65	54	80 840	1 571,258	15 688,685	9,985	9,516
16	5	98 998	37 528,683	611 950,856	16,306	15,838	66	55	79 327	1 451,143	14 117,426	9,728	9,260
17	6	98 960	35 307,446	574 422,173	16,269	15,801	67	56	77 724	1 338,182	12 666,283	9,465	8,997
18	7	98 918	33 216,527	539 114,727	16,230	15,762	68	57	76 033	1 232,069	11 328,101	9,194	8,726
19	8	98 855	31 242,630	505 898,200	16,193	15,724	69	58	74 231	1 132,115	10 096,031	8,918	8,449
20	9	98 795	29 386,968	474 655,569	16,152	15,684	70	59	72 296	1 037,733	8 963,916	8,638	8,170
21	10	98 729	27 640,045	445 268,601	16,110	15,641	71	60	70 253	949,094	7 926,183	8,351	7,883
22	11	98 666	25 997,396	417 628,556	16,064	15,596	72	61	68 064	865,431	6 977,089	8,062	7,594
23	12	98 602	24 452,428	391 631,160	16,016	15,548	73	62	65 708	786,331	6 111,658	7,772	7,304
24	13	98 541	22 999,611	367 178,733	15,965	15,496	74	63	63 202	711,856	5 325,327	7,481	7,013
25	14	98 474	21 632,094	344 179,121	15,911	15,442	75	64	60 515	641,493	4 613,470	7,192	6,723
26	15	98 404	20 345,033	322 547,027	15,854	15,385	76	65	57 693	575,605	3 971,978	6,901	6,432
27	16	98 330	19 133,978	302 201,995	15,794	15,326	77	66	54 718	513,812	3 396,373	6,610	6,142
28	17	98 252	17 994,158	283 068,017	15,731	15,263	78	67	51 571	455,777	2 882,561	6,324	5,856
29	18	98 174	16 922,212	265 073,859	15,664	15,196	79	68	48 263	401,447	2 426,784	6,045	5,577
30	19	98 089	15 913,065	248 151,647	15,594	15,126	80	69	44 895	351,465	2 025,337	5,763	5,294
31	20	98 003	14 963,834	232 238,582	15,520	15,052	81	70	41 387	304,947	1 673,872	5,489	5,021
32	21	97 910	14 070,200	217 274,748	15,442	14,974	82	71	37 832	262,350	1 368,924	5,218	4,750
33	22	97 816	13 229,795	203 204,548	15,360	14,891	83	72	34 253	223,563	1 106,575	4,950	4,481
34	23	97 722	12 439,669	189 974,753	15,272	14,803	84	73	30 678	188,450	883,012	4,686	4,217
35	24	97 621	11 695,804	177 535,083	15,179	14,711	85	74	27 123	156,813	694,562	4,429	3,961
36	25	97 514	10 995,787	165 839,280	15,082	14,614	86	75	23 599	128,410	537,749	4,188	3,719
37	26	97 404	10 337,232	154 843,492	14,979	14,511	87	76	20 174	103,319	409,339	3,962	3,494
38	27	97 281	9 716,954	144 506,260	14,872	14,403	88	77	16 873	81,330	306,020	3,763	3,294
39	28	97 152	9 133,164	134 789,307	14,758	14,290	89	78	13 913	63,117	224,690	3,560	3,092
40	29	97 012	8 583,598	125 656,143	14,639	14,171	90	79	11 240	47,991	161,573	3,367	2,898
41	30	96 853	8 065,429	117 072,545	14,515	14,047	91	80	8 981	36,089	113,582	3,147	2,679
42	31	96 683	7 577,636	109 007,116	14,385	13,917	92	81	6 923	26,183	77,493	2,960	2,491
43	32	96 495	7 118,070	101 429,480	14,250	13,781	93	82	5 151	18,335	51,310	2,799	2,330
44	33	96 276	6 684,161	94 311,410	14,110	13,641	94	83	3 720	12,463	32,976	2,646	2,177
45	34	96 037	6 275,316	87 627,249	13,964	13,495	95	84	2 599	8,194	20,512	2,503	2,035
46	35	95 766	5 889,552	81 351,933	13,813	13,345	96	85	1 751	5,198	12,318	2,370	1,902
47	36	95 462	5 525,484	75 462,381	13,657	13,189	97	86	1 134	3,169	7,120	2,247	1,779
48	37	95 122	5 181,951	69 936,898	13,496	13,028	98	87	705	1,854	3,952	2,132	1,663
49	38	94 736	4 857,347	64 754,947	13,331	12,863	99	88	417	1,031	2,098	2,035	1,566
							100	89	236	0,549	1,067	1,943	1,475

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	4 553,813	60 056,340	13,188	12,720
1							51	39	93 909	4 265,116	55 502,527	13,013	12,545
2							52	40	93 392	3 992,145	51 237,411	12,835	12,366
3							53	41	92 835	3 734,887	47 245,266	12,650	12,181
4							54	42	92 226	3 492,116	43 510,378	12,460	11,991
5							55	43	91 548	3 262,547	40 018,262	12,266	11,798
6							56	44	90 820	3 046,230	36 755,716	12,066	11,598
7							57	45	90 042	2 842,465	33 709,485	11,859	11,391
8							58	46	89 204	2 650,365	30 867,020	11,646	11,178
9							59	47	88 278	2 468,569	28 216,655	11,430	10,962
10							60	48	87 279	2 297,068	25 748,085	11,209	10,741
11							61	49	86 194	2 135,060	23 451,017	10,984	10,515
12	0	99 442	48 041,942	787 597,040	16,394	15,926	62	50	85 046	1 982,721	21 315,957	10,751	10,283
13	1	99 113	45 066,559	739 555,098	16,410	15,942	63	51	83 805	1 838,842	19 333,237	10,514	10,045
14	2	99 076	42 399,813	694 488,539	16,380	15,911	64	52	82 498	1 703,690	17 494,395	10,269	9,800
15	3	99 044	39 892,692	652 088,726	16,346	15,878	65	53	81 087	1 576,048	15 790,705	10,019	9,551
16	4	99 010	37 533,182	612 196,034	16,311	15,842	66	54	79 580	1 455,782	14 214,657	9,764	9,296
17	5	98 969	35 310,640	574 662,852	16,274	15,806	67	55	78 004	1 343,014	12 758,875	9,500	9,032
18	6	98 926	33 219,191	539 352,212	16,236	15,768	68	56	76 323	1 236,760	11 415,861	9,230	8,762
19	7	98 863	31 245,240	506 133,021	16,199	15,730	69	57	74 539	1 136,806	10 179,101	8,954	8,486
20	8	98 801	29 388,794	474 887,781	16,159	15,690	70	58	72 627	1 042,487	9 042,295	8,674	8,205
21	9	98 736	27 641,800	445 498,987	16,117	15,649	71	59	70 590	953,651	7 999,808	8,389	7,920
22	10	98 674	25 999,490	417 857,187	16,072	15,603	72	60	68 438	870,189	7 046,157	8,097	7,629
23	11	98 610	24 454,370	391 857,697	16,024	15,556	73	61	66 084	790,828	6 175,968	7,810	7,341
24	12	98 548	23 001,375	367 403,327	15,973	15,505	74	62	63 602	716,351	5 385,141	7,517	7,049
25	13	98 484	21 634,222	344 401,953	15,919	15,451	75	63	60 921	645,799	4 668,790	7,229	6,761
26	14	98 416	20 347,551	322 767,730	15,863	15,394	76	64	58 111	579,777	4 022,990	6,939	6,471
27	15	98 343	19 136,572	302 420,179	15,803	15,335	77	65	55 145	517,821	3 443,214	6,649	6,181
28	16	98 268	17 997,051	283 283,607	15,741	15,272	78	66	51 999	459,554	2 925,392	6,366	5,897
29	17	98 191	16 925,183	265 286,556	15,674	15,206	79	67	48 702	405,101	2 465,838	6,087	5,619
30	18	98 111	15 916,542	248 361,373	15,604	15,136	80	68	45 339	354,942	2 060,737	5,806	5,337
31	19	98 024	14 967,053	232 444,831	15,530	15,062	81	69	41 846	308,329	1 705,795	5,532	5,064
32	20	97 930	14 073,169	217 477,778	15,453	14,985	82	70	38 289	265,522	1 397,466	5,263	4,795
33	21	97 837	13 232,655	203 404,609	15,371	14,903	83	71	34 716	226,586	1 131,944	4,996	4,527
34	22	97 745	12 442,529	190 171,954	15,284	14,816	84	72	31 160	191,413	905,358	4,730	4,262
35	23	97 643	11 698,465	177 729,425	15,193	14,724	85	73	27 602	159,579	713,945	4,474	4,006
36	24	97 536	10 998,288	166 030,960	15,096	14,628	86	74	24 064	130,941	554,367	4,234	3,765
37	25	97 425	10 339,536	155 032,672	14,994	14,526	87	75	20 634	105,673	423,426	4,007	3,539
38	26	97 307	9 719,550	144 693,137	14,887	14,418	88	76	17 312	83,445	317,753	3,808	3,340
39	27	97 177	9 135,522	134 973,586	14,775	14,306	89	77	14 328	64,999	234,308	3,605	3,136
40	28	97 038	8 585,828	125 838,064	14,656	14,188	90	78	11 627	49,642	169,309	3,411	2,942
41	29	96 880	8 067,666	117 252,236	14,534	14,065	91	79	9 331	37,497	119,667	3,191	2,723
42	30	96 709	7 579,716	109 184,570	14,405	13,936	92	80	7 237	27,370	82,169	3,002	2,534
43	31	96 527	7 120,392	101 604,854	14,270	13,801	93	81	5 419	19,289	54,799	2,841	2,373
44	32	96 310	6 686,477	94 484,462	14,131	13,662	94	82	3 944	13,215	35,510	2,687	2,219
45	33	96 072	6 277,587	87 797,985	13,986	13,518	95	83	2 779	8,763	22,295	2,544	2,076
46	34	95 805	5 891,943	81 520,398	13,836	13,368	96	84	1 891	5,613	13,532	2,411	1,942
47	35	95 503	5 527,839	75 628,455	13,681	13,213	97	85	1 240	3,464	7,919	2,286	1,818
48	36	95 167	5 184,369	70 100,616	13,522	13,053	98	86	781	2,052	4,455	2,171	1,703
49	37	94 786	4 859,907	64 916,248	13,358	12,889	99	87	471	1,165	2,403	2,063	1,595
							100	88	270	0,628	1,238	1,972	1,503

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	4 556,213	60 201,274	13,213	12,745
1							51	38	93 964	4 267,633	55 645,062	13,039	12,571
2							52	39	93 458	3 994,955	51 377,429	12,861	12,392
3							53	40	92 901	3 737,551	47 382,474	12,677	12,209
4							54	41	92 302	3 495,020	43 644,923	12,488	12,019
5							55	42	91 635	3 265,636	40 149,903	12,295	11,826
6							56	43	90 916	3 049,449	36 884,267	12,095	11,627
7							57	44	90 144	2 845,683	33 834,818	11,890	11,422
8							58	45	89 325	2 653,955	30 989,134	11,677	11,208
9							59	46	88 415	2 472,404	28 335,179	11,461	10,992
10							60	47	87 431	2 301,062	25 862,776	11,239	10,771
11							61	48	86 354	2 139,023	23 561,714	11,015	10,547
12							62	49	85 225	1 986,877	21 422,691	10,782	10,314
13	0	99 431	45 211,218	739 947,423	16,366	15,898	63	50	84 001	1 843,148	19 435,813	10,545	10,077
14	1	99 104	42 411,872	694 736,205	16,381	15,912	64	51	82 704	1 707,945	17 592,665	10,300	9,832
15	2	99 060	39 899,125	652 324,334	16,349	15,881	65	52	81 312	1 580,427	15 884,721	10,051	9,583
16	3	99 024	37 538,564	612 425,209	16,315	15,846	66	53	79 823	1 460,219	14 304,294	9,796	9,328
17	4	98 980	35 314,872	574 886,645	16,279	15,811	67	54	78 254	1 347,307	12 844,074	9,533	9,065
18	5	98 935	33 222,196	539 571,773	16,241	15,773	68	55	76 598	1 241,226	11 496,768	9,262	8,794
19	6	98 871	31 247,746	506 349,576	16,204	15,736	69	56	74 823	1 141,134	10 255,542	8,987	8,519
20	7	98 809	29 391,249	475 101,831	16,165	15,696	70	57	72 928	1 046,806	9 114,408	8,707	8,239
21	8	98 742	27 643,517	445 710,582	16,124	15,655	71	58	70 914	958,019	8 067,602	8,421	7,953
22	9	98 680	26 001,141	418 067,065	16,079	15,610	72	59	68 767	874,367	7 109,582	8,131	7,663
23	10	98 618	24 456,340	392 065,924	16,031	15,563	73	60	66 447	795,175	6 235,215	7,841	7,373
24	11	98 556	23 003,202	367 609,584	15,981	15,512	74	61	63 965	720,447	5 440,400	7,551	7,083
25	12	98 491	21 635,881	344 606,382	15,928	15,459	75	62	61 306	649,877	4 719,593	7,262	6,794
26	13	98 425	20 349,553	322 970,501	15,871	15,403	76	63	58 501	583,669	4 069,716	6,973	6,504
27	14	98 356	19 138,941	302 620,948	15,812	15,343	77	64	55 545	521,574	3 486,047	6,684	6,215
28	15	98 281	17 999,491	283 482,007	15,749	15,281	78	65	52 405	463,140	2 964,472	6,401	5,932
29	16	98 207	16 927,905	265 482,516	15,683	15,215	79	66	49 106	408,458	2 501,332	6,124	5,655
30	17	98 128	15 919,336	248 554,611	15,613	15,145	80	67	45 752	358,173	2 092,874	5,843	5,375
31	18	98 046	14 970,323	232 635,275	15,540	15,071	81	68	42 260	311,379	1 734,701	5,571	5,103
32	19	97 952	14 076,197	217 664,952	15,463	14,995	82	69	38 714	268,467	1 423,322	5,302	4,833
33	20	97 857	13 235,448	203 588,755	15,382	14,914	83	70	35 136	229,326	1 154,855	5,036	4,568
34	21	97 766	12 445,219	190 353,308	15,295	14,827	84	71	31 582	194,001	925,529	4,771	4,302
35	22	97 666	11 701,153	177 908,089	15,204	14,736	85	72	28 036	162,087	731,528	4,513	4,045
36	23	97 559	11 000,790	166 206,936	15,109	14,640	86	73	24 488	133,251	569,441	4,273	3,805
37	24	97 447	10 341,887	155 206,146	15,008	14,539	87	74	21 041	107,756	436,191	4,048	3,580
38	25	97 329	9 721,717	144 864,258	14,901	14,433	88	75	17 706	85,346	328,435	3,848	3,380
39	26	97 203	9 137,963	135 142,542	14,789	14,321	89	76	14 701	66,690	243,089	3,645	3,177
40	27	97 063	8 588,045	126 004,579	14,672	14,204	90	77	11 973	51,122	176,399	3,451	2,982
41	28	96 905	8 069,762	117 416,534	14,550	14,082	91	78	9 652	38,787	125,277	3,230	2,761
42	29	96 736	7 581,819	109 346,771	14,422	13,954	92	79	7 519	28,438	86,489	3,041	2,573
43	30	96 553	7 122,346	101 764,952	14,288	13,820	93	80	5 665	20,164	58,052	2,879	2,411
44	31	96 341	6 688,657	94 642,606	14,150	13,681	94	81	4 150	13,903	37,888	2,725	2,257
45	32	96 105	6 279,762	87 953,949	14,006	13,538	95	82	2 947	9,292	23,985	2,581	2,113
46	33	95 840	5 894,075	81 674,186	13,857	13,389	96	83	2 023	6,003	14,693	2,448	1,979
47	34	95 541	5 530,083	75 780,111	13,703	13,235	97	84	1 339	3,741	8,690	2,323	1,855
48	35	95 207	5 186,579	70 250,028	13,545	13,076	98	85	853	2,243	4,949	2,206	1,738
49	36	94 831	4 862,174	65 063,449	13,382	12,913	99	86	521	1,289	2,706	2,099	1,630
							100	87	305	0,709	1,416	1,997	1,529

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	4 558,338	60 333,522	13,236	12,768
1							51	37	94 014	4 269,881	55 775,183	13,062	12,594
2							52	38	93 513	3 997,312	51 505,302	12,885	12,417
3							53	39	92 966	3 740,182	47 507,990	12,702	12,234
4							54	40	92 368	3 497,513	43 767,809	12,514	12,046
5							55	41	91 711	3 268,352	40 270,296	12,321	11,853
6							56	42	91 002	3 052,337	37 001,944	12,122	11,654
7							57	43	90 239	2 848,690	33 949,607	11,918	11,449
8							58	44	89 426	2 656,959	31 100,917	11,705	11,237
9							59	45	88 535	2 475,753	28 443,958	11,489	11,021
10							60	46	87 567	2 304,636	25 968,205	11,268	10,799
11							61	47	86 504	2 142,742	23 663,569	11,044	10,575
12							62	48	85 383	1 990,566	21 520,827	10,811	10,343
13							63	49	84 177	1 847,012	19 530,262	10,574	10,106
14	0	99 422	42 548,009	695 099,063	16,337	15,868	64	50	82 898	1 711,944	17 683,249	10,329	9,861
15	1	99 088	39 910,473	652 551,054	16,350	15,882	65	51	81 515	1 584,373	15 971,305	10,081	9,612
16	2	99 040	37 544,617	612 640,581	16,318	15,849	66	52	80 045	1 464,277	14 386,932	9,825	9,357
17	3	98 995	35 319,937	575 095,964	16,282	15,814	67	53	78 492	1 351,414	12 922,655	9,562	9,094
18	4	98 947	33 226,178	539 776,027	16,246	15,777	68	54	76 843	1 245,193	11 571,241	9,293	8,824
19	5	98 880	31 250,573	506 549,849	16,209	15,741	69	55	75 093	1 145,254	10 326,048	9,016	8,548
20	6	98 817	29 393,606	475 299,276	16,170	15,702	70	56	73 205	1 050,792	9 180,794	8,737	8,269
21	7	98 750	27 645,827	445 905,671	16,129	15,661	71	57	71 207	961,989	8 130,002	8,451	7,983
22	8	98 686	26 002,756	418 259,844	16,085	15,617	72	58	69 082	878,372	7 168,013	8,161	7,692
23	9	98 624	24 457,893	392 257,088	16,038	15,570	73	59	66 766	798,993	6 289,641	7,872	7,404
24	10	98 564	23 005,055	367 799,195	15,988	15,519	74	60	64 317	724,408	5 490,648	7,579	7,111
25	11	98 499	21 637,599	344 794,140	15,935	15,467	75	61	61 656	653,593	4 766,240	7,292	6,824
26	12	98 433	20 351,113	323 156,541	15,879	15,411	76	62	58 871	587,355	4 112,647	7,002	6,534
27	13	98 365	19 140,824	302 805,428	15,820	15,352	77	63	55 918	525,076	3 525,292	6,714	6,246
28	14	98 293	18 001,720	283 664,604	15,758	15,289	78	64	52 784	466,497	3 000,216	6,431	5,963
29	15	98 220	16 930,200	265 662,884	15,692	15,223	79	65	49 489	411,645	2 533,719	6,155	5,687
30	16	98 144	15 921,896	248 732,685	15,622	15,154	80	66	46 131	361,141	2 122,074	5,876	5,408
31	17	98 063	14 972,951	232 810,789	15,549	15,080	81	67	42 645	314,213	1 760,933	5,604	5,136
32	18	97 973	14 079,272	217 837,838	15,472	15,004	82	68	39 097	271,122	1 446,720	5,336	4,868
33	19	97 878	13 238,295	203 758,566	15,392	14,923	83	69	35 526	231,869	1 175,597	5,070	4,602
34	20	97 786	12 447,845	190 520,271	15,305	14,837	84	70	31 964	196,347	943,728	4,806	4,338
35	21	97 687	11 703,683	178 072,426	15,215	14,747	85	71	28 415	164,279	747,381	4,549	4,081
36	22	97 581	11 003,319	166 368,743	15,120	14,652	86	72	24 873	135,345	583,102	4,308	3,840
37	23	97 470	10 344,240	155 365,424	15,020	14,551	87	73	21 412	109,657	447,757	4,083	3,615
38	24	97 351	9 723,927	145 021,184	14,914	14,445	88	74	18 055	87,028	338,100	3,885	3,417
39	25	97 224	9 140,000	135 297,257	14,803	14,334	89	75	15 036	68,209	251,072	3,681	3,213
40	26	97 089	8 590,340	126 157,257	14,686	14,218	90	76	12 285	52,452	182,863	3,486	3,018
41	27	96 930	8 071,846	117 566,917	14,565	14,097	91	77	9 940	39,944	130,411	3,265	2,796
42	28	96 761	7 583,789	109 495,071	14,438	13,970	92	78	7 778	29,416	90,467	3,075	2,607
43	29	96 580	7 124,322	101 911,282	14,305	13,836	93	79	5 886	20,951	61,051	2,914	2,446
44	30	96 368	6 690,494	94 786,960	14,167	13,699	94	80	4 338	14,533	40,100	2,759	2,291
45	31	96 136	6 281,810	88 096,466	14,024	13,556	95	81	3 100	9,776	25,567	2,615	2,147
46	32	95 873	5 896,117	81 814,656	13,876	13,408	96	82	2 145	6,365	15,792	2,481	2,013
47	33	95 576	5 532,085	75 918,539	13,723	13,255	97	83	1 432	4,001	9,427	2,356	1,888
48	34	95 246	5 188,685	70 386,454	13,565	13,097	98	84	922	2,423	5,426	2,240	1,771
49	35	94 871	4 864,247	65 197,769	13,403	12,935	99	85	570	1,410	3,003	2,131	1,662
							100	86	337	0,785	1,594	2,030	1,562



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	4 560,282	60 454,182	13,257	12,788
1							51	36	94 058	4 271,873	55 893,900	13,084	12,616
2							52	37	93 562	3 999,418	51 622,027	12,907	12,439
3							53	38	93 021	3 742,388	47 622,609	12,725	12,257
4							54	39	92 433	3 499,975	43 880,221	12,537	12,069
5							55	40	91 776	3 270,683	40 380,246	12,346	11,878
6							56	41	91 078	3 054,875	37 109,563	12,148	11,679
7							57	42	90 325	2 851,388	34 054,688	11,943	11,475
8							58	43	89 520	2 659,767	31 203,300	11,732	11,263
9							59	44	88 635	2 478,555	28 543,533	11,516	11,048
10							60	45	87 685	2 307,757	26 064,978	11,295	10,826
11							61	46	86 638	2 146,070	23 757,221	11,070	10,602
12							62	47	85 531	1 994,026	21 611,151	10,838	10,370
13							63	48	84 333	1 850,441	19 617,124	10,601	10,133
14							64	49	83 071	1 715,533	17 766,683	10,356	9,888
15	0	99 406	40 038,581	652 886,707	16,306	15,838	65	50	81 706	1 588,084	16 051,150	10,107	9,639
16	1	99 068	37 555,295	612 848,126	16,319	15,850	66	51	80 245	1 467,933	14 463,066	9,853	9,384
17	2	99 011	35 325,632	575 292,831	16,285	15,817	67	52	78 710	1 355,169	12 995,133	9,589	9,121
18	3	98 961	33 230,943	539 967,199	16,249	15,781	68	53	77 077	1 248,989	11 639,964	9,320	8,851
19	4	98 892	31 254,318	506 736,256	16,213	15,745	69	54	75 333	1 148,915	10 390,975	9,044	8,576
20	5	98 826	29 396,265	475 481,938	16,175	15,707	70	55	73 470	1 054,586	9 242,060	8,764	8,295
21	6	98 758	27 648,043	446 085,673	16,134	15,666	71	56	71 478	965,651	8 187,475	8,479	8,010
22	7	98 694	26 004,928	418 437,630	16,091	15,622	72	57	69 368	882,011	7 221,823	8,188	7,720
23	8	98 631	24 459,412	392 432,701	16,044	15,576	73	58	67 072	802,653	6 339,812	7,899	7,430
24	9	98 570	23 006,515	367 973,289	15,994	15,526	74	59	64 626	727,886	5 537,159	7,607	7,139
25	10	98 507	21 639,342	344 966,774	15,942	15,473	75	60	61 995	657,186	4 809,273	7,318	6,850
26	11	98 441	20 352,730	323 327,431	15,886	15,418	76	61	59 207	590,713	4 152,086	7,029	6,561
27	12	98 373	19 142,291	302 974,701	15,828	15,359	77	62	56 271	528,391	3 561,373	6,740	6,272
28	13	98 303	18 003,491	283 832,410	15,765	15,297	78	63	53 139	469,629	3 032,982	6,458	5,990
29	14	98 232	16 932,296	265 828,919	15,700	15,231	79	64	49 848	414,629	2 563,353	6,182	5,714
30	15	98 157	15 924,054	248 896,623	15,630	15,162	80	65	46 491	363,959	2 148,724	5,904	5,435
31	16	98 079	14 975,359	232 972,569	15,557	15,089	81	66	42 998	316,817	1 784,765	5,633	5,165
32	17	97 990	14 081,744	217 997,210	15,481	15,012	82	67	39 452	273,590	1 467,948	5,365	4,897
33	18	97 900	13 241,187	203 915,466	15,400	14,932	83	68	35 877	234,163	1 194,358	5,101	4,632
34	19	97 807	12 450,523	190 674,279	15,315	14,846	84	69	32 318	198,524	960,195	4,837	4,368
35	20	97 707	11 706,153	178 223,757	15,225	14,756	85	70	28 758	166,266	761,670	4,581	4,113
36	21	97 602	11 005,697	166 517,604	15,130	14,662	86	71	25 210	137,175	595,405	4,340	3,872
37	22	97 492	10 346,618	155 511,906	15,030	14,562	87	72	21 748	111,380	458,229	4,114	3,646
38	23	97 373	9 726,140	145 165,289	14,925	14,457	88	73	18 374	88,563	346,849	3,916	3,448
39	24	97 246	9 142,078	135 439,149	14,815	14,347	89	74	15 332	69,553	258,286	3,713	3,245
40	25	97 110	8 592,255	126 297,071	14,699	14,231	90	75	12 565	53,647	188,732	3,518	3,050
41	26	96 956	8 074,003	117 704,816	14,578	14,110	91	76	10 198	40,983	135,085	3,296	2,828
42	27	96 786	7 585,747	109 630,813	14,452	13,984	92	77	8 010	30,293	94,102	3,106	2,638
43	28	96 605	7 126,173	102 045,066	14,320	13,851	93	78	6 088	21,671	63,809	2,944	2,476
44	29	96 394	6 692,350	94 918,893	14,183	13,715	94	79	4 507	15,100	42,138	2,791	2,322
45	30	96 163	6 283,535	88 226,543	14,041	13,573	95	80	3 241	10,219	27,038	2,646	2,178
46	31	95 904	5 898,040	81 943,008	13,893	13,425	96	81	2 256	6,696	16,819	2,512	2,043
47	32	95 609	5 534,002	76 044,968	13,741	13,273	97	82	1 519	4,242	10,122	2,386	1,918
48	33	95 280	5 190,562	70 510,967	13,584	13,116	98	83	986	2,591	5,880	2,270	1,801
49	34	94 910	4 866,222	65 320,404	13,423	12,955	99	84	615	1,522	3,289	2,161	1,693
							100	85	369	0,858	1,767	2,059	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	4 562,133	60 564,335	13,275	12,807
1							51	35	94 098	4 273,695	56 002,201	13,104	12,636
2							52	36	93 606	4 001,284	51 728,507	12,928	12,460
3							53	37	93 070	3 744,360	47 727,223	12,746	12,278
4							54	38	92 488	3 502,039	43 982,862	12,559	12,091
5							55	39	91 841	3 272,985	40 480,823	12,368	11,900
6							56	40	91 143	3 057,054	37 207,838	12,171	11,703
7							57	41	90 400	2 853,759	34 150,784	11,967	11,499
8							58	42	89 605	2 662,285	31 297,025	11,756	11,287
9							59	43	88 729	2 481,174	28 634,740	11,541	11,072
10							60	44	87 784	2 310,370	26 153,566	11,320	10,852
11							61	45	86 755	2 148,977	23 843,196	11,095	10,627
12							62	46	85 664	1 997,124	21 694,219	10,863	10,394
13							63	47	84 480	1 853,658	19 697,095	10,626	10,158
14							64	48	83 226	1 718,718	17 843,437	10,382	9,913
15							65	49	81 877	1 591,413	16 124,719	10,132	9,664
16	0	99 386	37 675,843	613 158,667	16,275	15,806	66	50	80 433	1 471,371	14 533,306	9,877	9,409
17	1	99 039	35 335,679	575 482,824	16,286	15,818	67	51	78 907	1 358,553	13 061,935	9,615	9,146
18	2	98 977	33 236,301	540 147,145	16,252	15,783	68	52	77 291	1 252,459	11 703,383	9,344	8,876
19	3	98 906	31 258,801	506 910,843	16,217	15,748	69	53	75 563	1 152,417	10 450,923	9,069	8,600
20	4	98 838	29 399,788	475 652,043	16,179	15,710	70	54	73 704	1 057,956	9 298,506	8,789	8,321
21	5	98 767	27 650,545	446 252,255	16,139	15,671	71	55	71 737	969,138	8 240,549	8,503	8,035
22	6	98 702	26 007,014	418 601,710	16,096	15,627	72	56	69 632	885,369	7 271,412	8,213	7,745
23	7	98 639	24 461,456	392 594,696	16,050	15,581	73	57	67 350	805,979	6 386,042	7,923	7,455
24	8	98 576	23 007,944	368 133,241	16,000	15,532	74	58	64 922	731,220	5 580,063	7,631	7,163
25	9	98 513	21 640,716	345 125,296	15,948	15,480	75	59	62 293	660,342	4 848,843	7,343	6,875
26	10	98 449	20 354,369	323 484,580	15,893	15,424	76	60	59 533	593,961	4 188,501	7,052	6,583
27	11	98 381	19 143,812	303 130,210	15,834	15,366	77	61	56 593	531,413	3 594,540	6,764	6,296
28	12	98 311	18 004,871	283 986,399	15,773	15,304	78	62	53 474	472,594	3 063,128	6,482	6,013
29	13	98 242	16 933,962	265 981,528	15,707	15,239	79	63	50 182	417,413	2 590,533	6,206	5,738
30	14	98 169	15 926,026	249 047,566	15,638	15,169	80	64	46 828	366,597	2 173,121	5,928	5,459
31	15	98 092	14 977,389	233 121,540	15,565	15,097	81	65	43 334	319,289	1 806,524	5,658	5,190
32	16	98 006	14 084,008	218 144,151	15,489	15,020	82	66	39 779	275,858	1 487,235	5,391	4,923
33	17	97 917	13 243,512	204 060,143	15,408	14,940	83	67	36 204	236,294	1 211,377	5,127	4,658
34	18	97 829	12 453,243	190 816,631	15,323	14,854	84	68	32 638	200,488	975,083	4,864	4,395
35	19	97 728	11 708,671	178 363,388	15,233	14,765	85	69	29 077	168,110	774,595	4,608	4,139
36	20	97 623	11 008,020	166 654,717	15,139	14,671	86	70	25 514	138,834	606,485	4,368	3,900
37	21	97 513	10 348,855	155 646,697	15,040	14,572	87	71	22 042	112,887	467,651	4,143	3,674
38	22	97 396	9 728,375	145 297,843	14,935	14,467	88	72	18 663	89,955	354,765	3,944	3,475
39	23	97 269	9 144,158	135 569,468	14,826	14,357	89	73	15 602	70,780	264,809	3,741	3,273
40	24	97 132	8 594,209	126 425,309	14,711	14,242	90	74	12 812	54,704	194,029	3,547	3,079
41	25	96 978	8 075,803	117 831,101	14,591	14,122	91	75	10 431	41,917	139,325	3,324	2,855
42	26	96 812	7 587,774	109 755,298	14,465	13,996	92	76	8 218	31,081	97,408	3,134	2,666
43	27	96 630	7 128,013	102 167,524	14,333	13,865	93	77	6 270	22,317	66,327	2,972	2,504
44	28	96 419	6 694,088	95 039,511	14,198	13,729	94	78	4 662	15,620	44,009	2,818	2,349
45	29	96 189	6 285,278	88 345,422	14,056	13,588	95	79	3 367	10,618	28,389	2,674	2,205
46	30	95 931	5 899,659	82 060,144	13,909	13,441	96	80	2 359	7,000	17,772	2,539	2,070
47	31	95 640	5 535,806	76 160,485	13,758	13,289	97	81	1 598	4,463	10,772	2,414	1,945
48	32	95 313	5 192,361	70 624,679	13,602	13,133	98	82	1 045	2,747	6,309	2,297	1,828
49	33	94 944	4 867,983	65 432,318	13,441	12,973	99	83	658	1,628	3,562	2,188	1,720
							100	84	398	0,927	1,934	2,087	1,618

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	4 563,784	60 664,844	13,293	12,824
1							51	34	94 136	4 275,430	56 101,060	13,122	12,653
2							52	35	93 646	4 002,990	51 825,630	12,947	12,478
3							53	36	93 114	3 746,107	47 822,640	12,766	12,298
4							54	37	92 536	3 503,885	44 076,533	12,579	12,111
5							55	38	91 895	3 274,916	40 572,648	12,389	11,921
6							56	39	91 207	3 059,206	37 297,733	12,192	11,724
7							57	40	90 464	2 855,795	34 238,527	11,989	11,521
8							58	41	89 680	2 664,499	31 382,732	11,778	11,310
9							59	42	88 813	2 483,524	28 718,233	11,564	11,095
10							60	43	87 877	2 312,811	26 234,709	11,343	10,875
11							61	44	86 854	2 151,410	23 921,898	11,119	10,651
12							62	45	85 780	1 999,828	21 770,489	10,886	10,418
13							63	46	84 611	1 856,537	19 770,660	10,649	10,181
14							64	47	83 370	1 721,706	17 914,123	10,405	9,937
15							65	48	82 029	1 594,368	16 192,417	10,156	9,688
16							66	49	80 601	1 474,456	14 598,049	9,901	9,432
17	0	99 357	35 449,102	575 770,171	16,242	15,774	67	50	79 092	1 361,734	13 123,594	9,637	9,169
18	1	99 005	33 245,754	540 321,068	16,252	15,784	68	51	77 484	1 255,587	11 761,859	9,368	8,899
19	2	98 922	31 263,841	507 075,314	16,219	15,751	69	52	75 772	1 155,619	10 506,273	9,091	8,623
20	3	98 852	29 404,004	475 811,473	16,182	15,714	70	53	73 929	1 061,181	9 350,653	8,812	8,343
21	4	98 779	27 653,859	446 407,469	16,143	15,674	71	54	71 966	972,236	8 289,472	8,526	8,058
22	5	98 711	26 009,366	418 753,610	16,100	15,632	72	55	69 883	888,566	7 317,236	8,235	7,767
23	6	98 647	24 463,417	392 744,243	16,054	15,586	73	56	67 606	809,048	6 428,670	7,946	7,478
24	7	98 584	23 009,867	368 280,826	16,005	15,537	74	57	65 191	734,250	5 619,623	7,654	7,185
25	8	98 519	21 642,060	345 270,960	15,954	15,485	75	58	62 578	663,366	4 885,373	7,365	6,896
26	9	98 455	20 355,662	323 628,899	15,899	15,430	76	59	59 819	596,813	4 222,006	7,074	6,606
27	10	98 389	19 145,354	303 273,237	15,841	15,372	77	60	56 904	534,334	3 625,193	6,785	6,316
28	11	98 318	18 006,301	284 127,883	15,779	15,311	78	61	53 780	475,297	3 090,859	6,503	6,035
29	12	98 250	16 935,260	266 121,582	15,714	15,246	79	62	50 499	420,048	2 615,563	6,227	5,758
30	13	98 179	15 927,593	249 186,322	15,645	15,177	80	63	47 142	369,058	2 195,514	5,949	5,481
31	14	98 104	14 979,244	233 258,730	15,572	15,104	81	64	43 648	321,603	1 826,456	5,679	5,211
32	15	98 019	14 085,918	218 279,486	15,496	15,028	82	65	40 090	278,010	1 504,853	5,413	4,945
33	16	97 933	13 245,641	204 193,569	15,416	14,948	83	66	36 504	238,252	1 226,843	5,149	4,681
34	17	97 846	12 455,429	190 947,928	15,330	14,862	84	67	32 935	202,313	988,590	4,886	4,418
35	18	97 750	11 711,229	178 492,498	15,241	14,773	85	68	29 365	169,772	786,277	4,631	4,163
36	19	97 644	11 010,388	166 781,269	15,148	14,679	86	69	25 797	140,374	616,505	4,392	3,924
37	20	97 534	10 351,038	155 770,881	15,049	14,580	87	70	22 309	114,252	476,131	4,167	3,699
38	21	97 417	9 730,478	145 419,843	14,945	14,476	88	71	18 915	91,172	361,879	3,969	3,501
39	22	97 291	9 146,260	135 689,364	14,836	14,367	89	72	15 848	71,893	270,708	3,765	3,297
40	23	97 154	8 596,164	126 543,104	14,721	14,253	90	73	13 038	55,669	198,815	3,571	3,103
41	24	97 000	8 077,639	117 946,940	14,602	14,133	91	74	10 636	42,743	143,145	3,349	2,881
42	25	96 834	7 589,465	109 869,301	14,477	14,008	92	75	8 405	31,789	100,403	3,158	2,690
43	26	96 656	7 129,918	102 279,836	14,345	13,877	93	76	6 433	22,898	68,613	2,996	2,528
44	27	96 444	6 695,817	95 149,918	14,210	13,742	94	77	4 801	16,086	45,715	2,842	2,374
45	28	96 214	6 286,911	88 454,101	14,070	13,601	95	78	3 483	10,983	29,630	2,698	2,229
46	29	95 957	5 901,296	82 167,190	13,924	13,455	96	79	2 451	7,273	18,647	2,564	2,095
47	30	95 667	5 537,326	76 265,894	13,773	13,305	97	80	1 670	4,665	11,374	2,438	1,970
48	31	95 344	5 194,054	70 728,568	13,617	13,149	98	81	1 099	2,890	6,708	2,321	1,853
49	32	94 977	4 869,670	65 534,514	13,458	12,989	99	82	698	1,726	3,818	2,212	1,744
							100	83	426	0,991	2,092	2,111	1,643

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	4 565,366	60 756,615	13,308	12,840
1							51	33	94 170	4 276,977	56 191,249	13,138	12,670
2							52	34	93 684	4 004,615	51 914,272	12,964	12,495
3							53	35	93 153	3 747,704	47 909,657	12,784	12,315
4							54	36	92 580	3 505,519	44 161,953	12,598	12,129
5							55	37	91 943	3 276,641	40 656,433	12,408	11,940
6							56	38	91 261	3 061,010	37 379,792	12,212	11,743
7							57	39	90 528	2 857,804	34 318,782	12,009	11,540
8							58	40	89 744	2 666,400	31 460,977	11,799	11,331
9							59	41	88 887	2 485,589	28 794,577	11,585	11,116
10							60	42	87 960	2 315,001	26 308,988	11,365	10,896
11							61	43	86 945	2 153,683	23 993,987	11,141	10,673
12							62	44	85 877	2 002,092	21 840,304	10,909	10,440
13							63	45	84 726	1 859,052	19 838,212	10,671	10,203
14							64	46	83 500	1 724,380	17 979,160	10,426	9,958
15							65	47	82 172	1 597,139	16 254,780	10,177	9,709
16							66	48	80 751	1 477,193	14 657,640	9,923	9,454
17							67	49	79 258	1 364,589	13 180,448	9,659	9,191
18	0	99 323	33 352,469	540 586,993	16,208	15,740	68	50	77 666	1 258,527	11 815,858	9,389	8,920
19	1	98 950	31 272,733	507 234,524	16,220	15,751	69	51	75 962	1 158,505	10 557,331	9,113	8,645
20	2	98 868	29 408,746	475 961,791	16,184	15,716	70	52	74 135	1 064,130	9 398,826	8,832	8,364
21	3	98 793	27 657,825	446 553,046	16,146	15,677	71	53	72 185	975,199	8 334,696	8,547	8,078
22	4	98 723	26 012,484	418 895,221	16,104	15,635	72	54	70 107	891,406	7 359,497	8,256	7,788
23	5	98 656	24 465,630	392 882,737	16,059	15,590	73	55	67 850	811,969	6 468,091	7,966	7,498
24	6	98 592	23 011,712	368 417,107	16,010	15,542	74	56	65 439	737,046	5 656,122	7,674	7,206
25	7	98 528	21 643,869	345 405,395	15,959	15,490	75	57	62 838	666,115	4 919,076	7,385	6,916
26	8	98 461	20 356,926	323 761,526	15,904	15,436	76	58	60 093	599,546	4 252,961	7,094	6,625
27	9	98 395	19 146,569	303 404,600	15,846	15,378	77	59	57 177	536,900	3 653,415	6,805	6,336
28	10	98 326	18 007,752	284 258,031	15,785	15,317	78	60	54 076	477,910	3 116,515	6,521	6,053
29	11	98 257	16 936,605	266 250,279	15,720	15,252	79	61	50 788	422,450	2 638,606	6,246	5,778
30	12	98 186	15 928,814	249 313,674	15,652	15,183	80	62	47 440	371,389	2 216,155	5,967	5,499
31	13	98 114	14 980,717	233 384,860	15,579	15,111	81	63	43 941	323,762	1 844,767	5,698	5,230
32	14	98 031	14 087,662	218 404,143	15,503	15,035	82	64	40 380	280,025	1 521,004	5,432	4,963
33	15	97 946	13 247,437	204 316,481	15,423	14,955	83	65	36 789	240,111	1 240,979	5,168	4,700
34	16	97 862	12 457,432	191 069,045	15,338	14,869	84	66	33 208	203,990	1 000,868	4,906	4,438
35	17	97 767	11 713,285	178 611,613	15,249	14,780	85	67	29 632	171,318	796,878	4,651	4,183
36	18	97 665	11 012,793	166 898,327	15,155	14,687	86	68	26 053	141,762	625,560	4,413	3,944
37	19	97 555	10 353,265	155 885,534	15,057	14,588	87	69	22 556	115,519	483,798	4,188	3,720
38	20	97 437	9 732,532	145 532,269	14,953	14,485	88	70	19 144	92,274	368,279	3,991	3,523
39	21	97 312	9 148,237	135 799,737	14,844	14,376	89	71	16 062	72,865	276,005	3,788	3,320
40	22	97 177	8 598,140	126 651,500	14,730	14,262	90	72	13 243	56,544	203,140	3,593	3,124
41	23	97 022	8 079,477	118 053,360	14,612	14,143	91	73	10 824	43,497	146,596	3,370	2,902
42	24	96 856	7 591,191	109 973,883	14,487	14,019	92	74	8 571	32,416	103,099	3,181	2,712
43	25	96 678	7 131,507	102 382,692	14,356	13,888	93	75	6 579	23,420	70,683	3,018	2,550
44	26	96 470	6 697,606	95 251,185	14,222	13,753	94	76	4 926	16,504	47,263	2,864	2,395
45	27	96 239	6 288,534	88 553,579	14,082	13,613	95	77	3 587	11,310	30,759	2,720	2,251
46	28	95 982	5 902,829	82 265,044	13,937	13,468	96	78	2 535	7,523	19,449	2,585	2,117
47	29	95 693	5 538,862	76 362,215	13,787	13,318	97	79	1 735	4,847	11,926	2,460	1,992
48	30	95 371	5 195,480	70 823,353	13,632	13,163	98	80	1 149	3,021	7,078	2,343	1,875
49	31	95 008	4 871,258	65 627,873	13,472	13,004	99	81	734	1,816	4,057	2,234	1,766
							100	82	451	1,051	2,241	2,133	1,664

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	4 566,854	60 840,438	13,322	12,854
1							51	32	94 203	4 278,459	56 273,584	13,153	12,684
2							52	33	93 718	4 006,064	51 995,125	12,979	12,511
3							53	34	93 191	3 749,226	47 989,060	12,800	12,331
4							54	35	92 619	3 507,014	44 239,835	12,615	12,146
5							55	36	91 986	3 278,170	40 732,821	12,425	11,957
6							56	37	91 309	3 062,623	37 454,651	12,230	11,761
7							57	38	90 581	2 859,490	34 392,027	12,027	11,559
8							58	39	89 807	2 668,276	31 532,537	11,818	11,349
9							59	40	88 950	2 487,362	28 864,260	11,604	11,136
10							60	41	88 034	2 316,926	26 376,898	11,384	10,916
11							61	42	87 028	2 155,722	24 059,972	11,161	10,693
12							62	43	85 968	2 004,208	21 904,250	10,929	10,461
13							63	44	84 822	1 861,156	19 900,042	10,692	10,224
14							64	45	83 613	1 726,716	18 038,886	10,447	9,979
15							65	46	82 300	1 599,620	16 312,170	10,198	9,729
16							66	47	80 891	1 479,761	14 712,549	9,943	9,474
17							67	48	79 405	1 367,122	13 232,789	9,679	9,211
18							68	49	77 829	1 261,166	11 865,666	9,408	8,940
19	0	99 268	31 373,115	507 480,643	16,176	15,707	69	50	76 140	1 161,218	10 604,501	9,132	8,664
20	1	98 896	29 417,110	476 107,528	16,185	15,716	70	51	74 320	1 066,787	9 443,283	8,852	8,384
21	2	98 809	27 662,284	446 690,418	16,148	15,680	71	52	72 386	977,909	8 376,495	8,566	8,097
22	3	98 737	26 016,214	419 028,134	16,106	15,638	72	53	70 320	894,124	7 398,586	8,275	7,806
23	4	98 667	24 468,563	393 011,920	16,062	15,594	73	54	68 067	814,564	6 504,463	7,985	7,517
24	5	98 601	23 013,794	368 543,357	16,014	15,546	74	55	65 675	739,707	5 689,899	7,692	7,224
25	6	98 536	21 645,604	345 529,563	15,963	15,495	75	56	63 077	668,651	4 950,192	7,403	6,935
26	7	98 469	20 358,627	323 883,959	15,909	15,441	76	57	60 342	602,030	4 281,541	7,112	6,643
27	8	98 401	19 147,759	303 525,332	15,852	15,383	77	58	57 439	539,359	3 679,511	6,822	6,354
28	9	98 333	18 008,895	284 377,573	15,791	15,323	78	59	54 335	480,204	3 140,151	6,539	6,071
29	10	98 265	16 937,969	266 368,678	15,726	15,258	79	60	51 067	424,773	2 659,947	6,262	5,794
30	11	98 194	15 930,079	249 430,709	15,658	15,189	80	61	47 711	373,512	2 235,174	5,984	5,516
31	12	98 121	14 981,866	233 500,630	15,586	15,117	81	62	44 219	325,807	1 861,662	5,714	5,246
32	13	98 041	14 089,048	218 518,764	15,510	15,041	82	63	40 651	281,905	1 535,855	5,448	4,980
33	14	97 958	13 249,077	204 429,717	15,430	14,961	83	64	37 055	241,852	1 253,950	5,185	4,716
34	15	97 875	12 459,121	191 180,640	15,345	14,876	84	65	33 467	205,581	1 012,099	4,923	4,455
35	16	97 783	11 715,169	178 721,519	15,256	14,787	85	66	29 878	172,738	806,517	4,669	4,201
36	17	97 682	11 014,727	167 006,350	15,162	14,694	86	67	26 290	143,053	633,780	4,430	3,962
37	18	97 576	10 355,527	155 991,623	15,064	14,595	87	68	22 780	116,661	490,727	4,206	3,738
38	19	97 458	9 734,625	145 636,096	14,961	14,492	88	69	19 356	93,298	374,066	4,009	3,541
39	20	97 332	9 150,168	135 901,471	14,852	14,384	89	70	16 256	73,746	280,768	3,807	3,339
40	21	97 198	8 599,999	126 751,303	14,739	14,270	90	71	13 422	57,309	207,022	3,612	3,144
41	22	97 044	8 081,334	118 151,304	14,620	14,152	91	72	10 994	44,180	149,713	3,389	2,920
42	23	96 878	7 592,918	110 069,970	14,496	14,028	92	73	8 722	32,988	105,532	3,199	2,731
43	24	96 700	7 133,129	102 477,052	14,366	13,898	93	74	6 709	23,881	72,545	3,038	2,569
44	25	96 492	6 699,099	95 343,923	14,232	13,764	94	75	5 038	16,880	48,663	2,883	2,415
45	26	96 265	6 290,215	88 644,824	14,092	13,624	95	76	3 680	11,604	31,784	2,739	2,271
46	27	96 007	5 904,353	82 354,610	13,948	13,480	96	77	2 611	7,748	20,179	2,605	2,136
47	28	95 718	5 540,301	76 450,256	13,799	13,331	97	78	1 795	5,014	12,431	2,479	2,011
48	29	95 397	5 196,921	70 909,955	13,645	13,176	98	79	1 194	3,139	7,417	2,363	1,895
49	30	95 034	4 872,595	65 713,033	13,486	13,018	99	80	767	1,898	4,278	2,254	1,785
							100	81	475	1,106	2,380	2,153	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	4 568,108	60 916,883	13,335	12,867
1							51	31	94 233	4 279,854	56 348,774	13,166	12,698
2							52	32	93 750	4 007,452	52 068,920	12,993	12,525
3							53	33	93 225	3 750,583	48 061,468	12,814	12,346
4							54	34	92 657	3 508,438	44 310,885	12,630	12,161
5							55	35	92 026	3 279,568	40 802,447	12,441	11,973
6							56	36	91 352	3 064,052	37 522,880	12,246	11,778
7							57	37	90 629	2 860,997	34 458,827	12,044	11,576
8							58	38	89 860	2 669,850	31 597,830	11,835	11,367
9							59	39	89 013	2 489,113	28 927,980	11,622	11,153
10							60	40	88 096	2 318,579	26 438,867	11,403	10,935
11							61	41	87 100	2 157,515	24 120,288	11,180	10,711
12							62	42	86 049	2 006,106	21 962,773	10,948	10,480
13							63	43	84 911	1 863,123	19 956,668	10,711	10,243
14							64	44	83 707	1 728,671	18 093,545	10,467	9,998
15							65	45	82 411	1 601,787	16 364,874	10,217	9,748
16							66	46	81 017	1 482,059	14 763,087	9,961	9,493
17							67	47	79 543	1 369,499	13 281,028	9,698	9,229
18							68	48	77 973	1 263,507	11 911,529	9,427	8,959
19							69	49	76 299	1 163,653	10 648,022	9,151	8,682
20	0	99 213	29 511,535	476 335,350	16,141	15,672	70	50	74 494	1 069,286	9 484,370	8,870	8,401
21	1	98 837	27 670,152	446 823,815	16,148	15,680	71	51	72 567	980,351	8 415,084	8,584	8,115
22	2	98 753	26 020,409	419 153,663	16,109	15,640	72	52	70 516	896,608	7 434,733	8,292	7,824
23	3	98 682	24 472,072	393 133,254	16,065	15,596	73	53	68 275	817,047	6 538,125	8,002	7,534
24	4	98 613	23 016,552	368 661,182	16,017	15,549	74	54	65 885	742,071	5 721,078	7,710	7,241
25	5	98 545	21 647,562	345 644,630	15,967	15,499	75	55	63 305	671,065	4 979,007	7,420	6,951
26	6	98 477	20 360,259	323 997,068	15,913	15,445	76	56	60 571	604,323	4 307,942	7,129	6,660
27	7	98 409	19 149,359	303 636,808	15,856	15,388	77	57	57 677	541,594	3 703,619	6,838	6,370
28	8	98 339	18 010,014	284 487,450	15,796	15,328	78	58	54 584	482,404	3 162,025	6,555	6,086
29	9	98 272	16 939,045	266 477,436	15,732	15,263	79	59	51 312	426,812	2 679,621	6,278	5,810
30	10	98 202	15 931,362	249 538,391	15,663	15,195	80	60	47 973	375,566	2 252,809	5,998	5,530
31	11	98 129	14 983,056	233 607,029	15,591	15,123	81	61	44 471	327,670	1 877,243	5,729	5,261
32	12	98 049	14 090,128	218 623,973	15,516	15,048	82	62	40 908	283,685	1 549,574	5,462	4,994
33	13	97 968	13 250,381	204 533,846	15,436	14,968	83	63	37 304	243,475	1 265,889	5,199	4,731
34	14	97 887	12 460,663	191 283,465	15,351	14,883	84	64	33 709	207,072	1 022,413	4,937	4,469
35	15	97 796	11 716,757	178 822,802	15,262	14,794	85	65	30 111	174,085	815,342	4,684	4,215
36	16	97 698	11 016,498	167 106,045	15,169	14,700	86	66	26 508	144,238	641,256	4,446	3,977
37	17	97 593	10 357,345	156 089,547	15,070	14,602	87	67	22 987	117,723	497,018	4,222	3,754
38	18	97 480	9 736,752	145 732,202	14,967	14,499	88	68	19 548	94,221	379,295	4,026	3,557
39	19	97 353	9 152,136	135 995,449	14,859	14,391	89	69	16 436	74,564	285,074	3,823	3,355
40	20	97 218	8 601,814	126 843,313	14,746	14,278	90	70	13 585	58,002	210,510	3,629	3,161
41	21	97 065	8 083,081	118 241,500	14,628	14,160	91	71	11 143	44,778	152,508	3,406	2,938
42	22	96 900	7 594,663	110 158,419	14,505	14,036	92	72	8 859	33,506	107,730	3,215	2,747
43	23	96 722	7 134,752	102 563,755	14,375	13,907	93	73	6 827	24,302	74,224	3,054	2,586
44	24	96 514	6 700,622	95 429,003	14,242	13,773	94	74	5 138	17,213	49,922	2,900	2,432
45	25	96 286	6 291,617	88 728,381	14,103	13,634	95	75	3 764	11,869	32,709	2,756	2,288
46	26	96 033	5 905,931	82 436,764	13,958	13,490	96	76	2 679	7,949	20,840	2,622	2,153
47	27	95 743	5 541,732	76 530,833	13,810	13,342	97	77	1 849	5,164	12,891	2,496	2,028
48	28	95 422	5 198,272	70 989,101	13,656	13,188	98	78	1 235	3,247	7,727	2,380	1,912
49	29	95 060	4 873,947	65 790,830	13,498	13,030	99	79	797	1,972	4,480	2,272	1,803
							100	80	496	1,156	2,508	2,170	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	4 569,375	60 986,702	13,347	12,878
1							51	30	94 259	4 281,029	56 417,326	13,178	12,710
2							52	31	93 781	4 008,759	52 136,297	13,006	12,537
3							53	32	93 257	3 751,882	48 127,538	12,828	12,359
4							54	33	92 690	3 509,708	44 375,656	12,644	12,175
5							55	34	92 063	3 280,899	40 865,948	12,456	11,987
6							56	35	91 391	3 065,359	37 585,049	12,261	11,793
7							57	36	90 671	2 862,332	34 519,690	12,060	11,592
8							58	37	89 907	2 671,257	31 657,359	11,851	11,383
9							59	38	89 065	2 490,581	28 986,101	11,638	11,170
10							60	39	88 158	2 320,211	26 495,520	11,419	10,951
11							61	40	87 162	2 159,054	24 175,310	11,197	10,729
12							62	41	86 121	2 007,774	22 016,256	10,966	10,497
13							63	42	84 992	1 864,887	20 008,481	10,729	10,261
14							64	43	83 796	1 730,497	18 143,594	10,485	10,016
15							65	44	82 504	1 603,600	16 413,097	10,235	9,767
16							66	45	81 127	1 484,067	14 809,497	9,979	9,511
17							67	46	79 666	1 371,626	13 325,430	9,715	9,247
18							68	47	78 109	1 265,703	11 953,804	9,444	8,976
19							69	48	76 441	1 165,813	10 688,101	9,168	8,700
20							70	49	74 650	1 071,527	9 522,288	8,887	8,418
21	0	99 154	27 758,970	447 034,725	16,104	15,636	71	50	72 736	982,647	8 450,761	8,600	8,132
22	1	98 781	26 027,810	419 275,756	16,109	15,640	72	51	70 692	898,847	7 468,114	8,309	7,840
23	2	98 698	24 476,018	393 247,946	16,067	15,598	73	52	68 464	819,317	6 569,267	8,018	7,550
24	3	98 627	23 019,853	368 771,928	16,020	15,551	74	53	66 086	744,333	5 749,950	7,725	7,257
25	4	98 556	21 650,157	345 752,075	15,970	15,502	75	54	63 507	673,210	5 005,617	7,435	6,967
26	5	98 486	20 362,101	324 101,918	15,917	15,449	76	55	60 790	606,505	4 332,406	7,143	6,675
27	6	98 417	19 150,894	303 739,817	15,860	15,392	77	56	57 897	543,656	3 725,902	6,853	6,385
28	7	98 347	18 011,518	284 588,923	15,800	15,332	78	57	54 810	484,403	3 182,246	6,569	6,101
29	8	98 278	16 940,097	266 577,404	15,736	15,268	79	58	51 548	428,767	2 697,843	6,292	5,824
30	9	98 208	15 932,374	249 637,307	15,669	15,200	80	59	48 204	377,369	2 269,076	6,013	5,545
31	10	98 137	14 984,263	233 704,934	15,597	15,128	81	60	44 716	329,471	1 891,707	5,742	5,273
32	11	98 056	14 091,247	218 720,671	15,522	15,053	82	61	41 142	285,307	1 562,236	5,476	5,007
33	12	97 975	13 251,396	204 629,424	15,442	14,974	83	62	37 540	245,013	1 276,929	5,212	4,743
34	13	97 897	12 461,889	191 378,028	15,357	14,889	84	63	33 936	208,462	1 031,916	4,950	4,482
35	14	97 808	11 718,208	178 916,138	15,268	14,800	85	64	30 329	175,347	823,454	4,696	4,228
36	15	97 711	11 017,992	167 197,931	15,175	14,707	86	65	26 714	145,364	648,107	4,459	3,990
37	16	97 609	10 359,010	156 179,939	15,077	14,608	87	66	23 177	118,699	502,743	4,235	3,767
38	17	97 497	9 738,462	145 820,929	14,974	14,505	88	67	19 725	95,078	384,045	4,039	3,571
39	18	97 375	9 154,136	136 082,467	14,866	14,397	89	68	16 599	75,302	288,966	3,837	3,369
40	19	97 239	8 603,664	126 928,331	14,753	14,284	90	69	13 735	58,645	213,665	3,643	3,175
41	20	97 086	8 084,787	118 324,667	14,635	14,167	91	70	11 278	45,319	155,020	3,421	2,952
42	21	96 921	7 596,305	110 239,881	14,512	14,044	92	71	8 979	33,959	109,700	3,230	2,762
43	22	96 744	7 136,392	102 643,575	14,383	13,915	93	72	6 934	24,684	75,741	3,068	2,600
44	23	96 536	6 702,147	95 507,184	14,250	13,782	94	73	5 228	17,516	51,056	2,915	2,446
45	24	96 308	6 293,047	88 805,037	14,112	13,643	95	74	3 838	12,103	33,540	2,771	2,303
46	25	96 054	5 907,248	82 511,989	13,968	13,500	96	75	2 740	8,130	21,437	2,637	2,168
47	26	95 768	5 543,213	76 604,742	13,820	13,351	97	76	1 897	5,298	13,307	2,512	2,043
48	27	95 447	5 199,614	71 061,529	13,667	13,198	98	77	1 272	3,344	8,009	2,395	1,927
49	28	95 085	4 875,213	65 861,915	13,510	13,041	99	78	825	2,040	4,665	2,287	1,818
							100	79	516	1,201	2,625	2,186	1,718

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	4 570,563	61 050,484	13,357	12,889
1							51	29	94 285	4 282,217	56 479,921	13,189	12,721
2							52	30	93 807	4 009,860	52 197,704	13,017	12,549
3							53	31	93 288	3 753,106	48 187,844	12,839	12,371
4							54	32	92 722	3 510,924	44 434,739	12,656	12,188
5							55	33	92 096	3 282,086	40 923,815	12,469	12,000
6							56	34	91 428	3 066,603	37 641,729	12,275	11,806
7							57	35	90 710	2 863,552	34 575,126	12,074	11,606
8							58	36	89 949	2 672,504	31 711,573	11,866	11,398
9							59	37	89 112	2 491,893	29 039,070	11,653	11,185
10							60	38	88 210	2 321,579	26 547,176	11,435	10,967
11							61	39	87 224	2 160,573	24 225,597	11,213	10,744
12							62	40	86 182	2 009,206	22 065,023	10,982	10,514
13							63	41	85 062	1 866,438	20 055,817	10,746	10,277
14							64	42	83 875	1 732,136	18 189,379	10,501	10,033
15							65	43	82 592	1 605,295	16 457,243	10,252	9,783
16							66	44	81 218	1 485,747	14 851,949	9,996	9,528
17							67	45	79 774	1 373,484	13 366,202	9,732	9,263
18							68	46	78 230	1 267,669	11 992,718	9,460	8,992
19							69	47	76 574	1 167,839	10 725,049	9,184	8,715
20							70	48	74 788	1 073,516	9 557,209	8,903	8,434
21							71	49	72 889	984,707	8 483,693	8,615	8,147
22	0	99 098	26 111,356	419 471,037	16,065	15,596	72	50	70 857	900,952	7 498,986	8,323	7,855
23	1	98 726	24 482,979	393 359,681	16,067	15,598	73	51	68 635	821,363	6 598,034	8,033	7,565
24	2	98 643	23 023,565	368 876,702	16,022	15,553	74	52	66 270	746,401	5 776,671	7,739	7,271
25	3	98 570	21 653,262	345 853,137	15,972	15,504	75	53	63 701	675,263	5 030,270	7,449	6,981
26	4	98 498	20 364,542	324 199,876	15,920	15,451	76	54	60 984	608,443	4 355,007	7,158	6,689
27	5	98 426	19 152,627	303 835,334	15,864	15,396	77	55	58 106	545,619	3 746,564	6,867	6,398
28	6	98 355	18 012,963	284 682,707	15,804	15,336	78	56	55 019	486,247	3 200,945	6,583	6,115
29	7	98 286	16 941,512	266 669,744	15,741	15,272	79	57	51 761	430,544	2 714,698	6,305	5,837
30	8	98 215	15 933,363	249 728,232	15,673	15,205	80	58	48 425	379,097	2 284,154	6,025	5,557
31	9	98 143	14 985,214	233 794,868	15,602	15,133	81	59	44 931	331,053	1 905,057	5,755	5,286
32	10	98 064	14 092,382	218 809,654	15,527	15,058	82	60	41 368	286,876	1 574,004	5,487	5,018
33	11	97 983	13 252,449	204 717,272	15,448	14,979	83	61	37 754	246,414	1 287,128	5,223	4,755
34	12	97 904	12 462,845	191 464,824	15,363	14,894	84	62	34 150	209,778	1 040,714	4,961	4,493
35	13	97 818	11 719,361	179 001,979	15,274	14,806	85	63	30 533	176,524	830,936	4,707	4,239
36	14	97 723	11 019,356	167 282,618	15,181	14,712	86	64	26 908	146,417	654,412	4,469	4,001
37	15	97 622	10 360,415	156 263,263	15,083	14,614	87	65	23 358	119,625	507,995	4,247	3,778
38	16	97 512	9 740,028	145 902,848	14,980	14,511	88	66	19 889	95,866	388,370	4,051	3,583
39	17	97 392	9 155,743	136 162,820	14,872	14,403	89	67	16 750	75,987	292,504	3,849	3,381
40	18	97 260	8 605,544	127 007,077	14,759	14,290	90	68	13 871	59,225	216,516	3,656	3,187
41	19	97 107	8 086,526	118 401,534	14,642	14,173	91	69	11 403	45,822	157,291	3,433	2,964
42	20	96 941	7 597,908	110 315,008	14,519	14,051	92	70	9 087	34,370	111,469	3,243	2,775
43	21	96 765	7 137,935	102 717,099	14,390	13,922	93	71	7 028	25,018	77,099	3,082	2,613
44	22	96 558	6 703,687	95 579,165	14,258	13,789	94	72	5 310	17,792	52,081	2,927	2,459
45	23	96 330	6 294,479	88 875,478	14,120	13,651	95	73	3 906	12,316	34,289	2,784	2,316
46	24	96 076	5 908,591	82 580,998	13,976	13,508	96	74	2 794	8,291	21,973	2,650	2,182
47	25	95 790	5 544,448	76 672,408	13,829	13,360	97	75	1 940	5,419	13,683	2,525	2,057
48	26	95 472	5 201,003	71 127,959	13,676	13,207	98	76	1 305	3,431	8,264	2,409	1,940
49	27	95 109	4 876,472	65 926,956	13,519	13,051	99	77	849	2,101	4,833	2,300	1,832
							100	78	533	1,242	2,732	2,199	1,731



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	4 571,743	61 108,830	13,367	12,898
1							51	28	94 310	4 283,329	56 537,087	13,199	12,731
2							52	29	93 833	4 010,972	52 253,758	13,028	12,559
3							53	30	93 313	3 754,136	48 242,786	12,851	12,382
4							54	31	92 753	3 512,069	44 488,649	12,667	12,199
5							55	32	92 128	3 283,224	40 976,581	12,481	12,012
6							56	33	91 461	3 067,713	37 693,357	12,287	11,819
7							57	34	90 747	2 864,715	34 625,644	12,087	11,619
8							58	35	89 987	2 673,643	31 760,930	11,879	11,411
9							59	36	89 154	2 493,056	29 087,287	11,667	11,199
10							60	37	88 257	2 322,803	26 594,231	11,449	10,981
11							61	38	87 275	2 161,848	24 271,428	11,227	10,759
12							62	39	86 243	2 010,620	22 109,580	10,996	10,528
13							63	40	85 123	1 867,769	20 098,960	10,761	10,293
14							64	41	83 945	1 733,576	18 231,190	10,517	10,048
15							65	42	82 670	1 606,814	16 497,614	10,267	9,799
16							66	43	81 304	1 487,317	14 890,799	10,012	9,544
17							67	44	79 865	1 375,039	13 403,483	9,748	9,279
18							68	45	78 336	1 269,386	12 028,444	9,476	9,007
19							69	46	76 693	1 169,653	10 759,057	9,198	8,730
20							70	47	74 918	1 075,383	9 589,404	8,917	8,449
21							71	48	73 024	986,535	8 514,021	8,630	8,162
22							72	49	71 006	902,841	7 527,486	8,338	7,869
23	0	99 043	24 561,567	393 540,513	16,023	15,554	73	50	68 796	823,287	6 624,646	8,047	7,578
24	1	98 671	23 030,113	368 978,946	16,022	15,553	74	51	66 435	748,265	5 801,359	7,753	7,285
25	2	98 586	21 656,753	345 948,833	15,974	15,506	75	52	63 878	677,139	5 053,094	7,462	6,994
26	3	98 512	20 367,462	324 292,080	15,922	15,454	76	53	61 170	610,298	4 375,955	7,170	6,702
27	4	98 438	19 154,922	303 924,618	15,867	15,398	77	54	58 291	547,363	3 765,657	6,880	6,411
28	5	98 364	18 014,592	284 769,695	15,808	15,339	78	55	55 218	488,003	3 218,294	6,595	6,126
29	6	98 294	16 942,871	266 755,103	15,744	15,276	79	56	51 958	432,183	2 730,292	6,317	5,849
30	7	98 223	15 934,695	249 812,232	15,677	15,209	80	57	48 625	380,668	2 298,109	6,037	5,569
31	8	98 149	14 986,145	233 877,538	15,606	15,138	81	58	45 136	332,570	1 917,441	5,766	5,297
32	9	98 070	14 093,277	218 891,393	15,532	15,063	82	59	41 567	288,253	1 584,871	5,498	5,030
33	10	97 991	13 253,517	204 798,116	15,452	14,984	83	60	37 962	247,768	1 296,618	5,233	4,765
34	11	97 912	12 463,835	191 544,599	15,368	14,900	84	61	34 345	210,977	1 048,849	4,971	4,503
35	12	97 825	11 720,259	179 080,765	15,280	14,811	85	62	30 725	177,639	837,872	4,717	4,248
36	13	97 733	11 020,440	167 360,506	15,186	14,718	86	63	27 089	147,400	660,233	4,479	4,011
37	14	97 634	10 361,698	156 340,066	15,088	14,620	87	64	23 528	120,492	512,833	4,256	3,788
38	15	97 526	9 741,348	145 978,368	14,985	14,517	88	65	20 044	96,614	392,341	4,061	3,593
39	16	97 407	9 157,215	136 237,020	14,878	14,409	89	66	16 889	76,617	295,726	3,860	3,391
40	17	97 277	8 607,054	127 079,805	14,765	14,296	90	67	13 997	59,764	219,110	3,666	3,198
41	18	97 128	8 088,293	118 472,751	14,647	14,179	91	68	11 515	46,275	159,345	3,443	2,975
42	19	96 962	7 599,543	110 384,458	14,525	14,057	92	69	9 188	34,751	113,070	3,254	2,785
43	20	96 785	7 139,441	102 784,915	14,397	13,928	93	70	7 113	25,321	78,319	3,093	2,625
44	21	96 579	6 705,137	95 645,475	14,265	13,796	94	71	5 382	18,032	52,998	2,939	2,471
45	22	96 352	6 295,926	88 940,338	14,127	13,658	95	72	3 967	12,510	34,966	2,795	2,327
46	23	96 098	5 909,935	82 644,412	13,984	13,516	96	73	2 843	8,437	22,456	2,662	2,193
47	24	95 811	5 545,709	76 734,477	13,837	13,368	97	74	1 978	5,525	14,019	2,537	2,069
48	25	95 493	5 202,163	71 188,768	13,684	13,216	98	75	1 335	3,509	8,494	2,421	1,952
49	26	95 135	4 877,775	65 986,605	13,528	13,060	99	76	871	2,156	4,985	2,312	1,844
							100	77	549	1,279	2,829	2,212	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	4 572,964	61 162,333	13,375	12,906
1							51	27	94 334	4 284,435	56 589,369	13,208	12,740
2							52	28	93 857	4 012,014	52 304,933	13,037	12,569
3							53	29	93 339	3 755,178	48 292,919	12,860	12,392
4							54	30	92 778	3 513,033	44 537,741	12,678	12,210
5							55	31	92 158	3 284,294	41 024,709	12,491	12,023
6							56	32	91 493	3 068,776	37 740,414	12,298	11,830
7							57	33	90 780	2 865,752	34 671,639	12,099	11,630
8							58	34	90 024	2 674,728	31 805,887	11,891	11,423
9							59	35	89 192	2 494,119	29 131,158	11,680	11,212
10							60	36	88 298	2 323,887	26 637,040	11,462	10,994
11							61	37	87 321	2 162,987	24 313,153	11,241	10,772
12							62	38	86 294	2 011,806	22 150,166	11,010	10,542
13							63	39	85 183	1 869,084	20 138,360	10,774	10,306
14							64	40	84 005	1 734,813	18 269,276	10,531	10,063
15							65	41	82 739	1 608,151	16 534,463	10,282	9,813
16							66	42	81 381	1 488,725	14 926,312	10,026	9,558
17							67	43	79 949	1 376,492	13 437,587	9,762	9,294
18							68	44	78 425	1 270,823	12 061,095	9,491	9,022
19							69	45	76 797	1 171,238	10 790,272	9,213	8,744
20							70	46	75 035	1 077,053	9 619,034	8,931	8,463
21							71	47	73 151	988,250	8 541,981	8,644	8,175
22							72	48	71 138	904,517	7 553,731	8,351	7,883
23							73	49	68 940	825,013	6 649,214	8,060	7,591
24	0	98 988	23 104,037	369 146,416	15,978	15,509	74	50	66 591	750,018	5 824,202	7,765	7,297
25	1	98 614	21 662,913	346 042,379	15,974	15,506	75	51	64 037	678,830	5 074,184	7,475	7,007
26	2	98 528	20 370,746	324 379,466	15,924	15,455	76	52	61 340	611,994	4 395,355	7,182	6,714
27	3	98 452	19 157,669	304 008,720	15,869	15,400	77	53	58 469	549,031	3 783,361	6,891	6,423
28	4	98 375	18 016,752	284 851,051	15,810	15,342	78	54	55 394	489,562	3 234,330	6,607	6,138
29	5	98 303	16 944,404	266 834,299	15,748	15,279	79	55	52 146	433,743	2 744,767	6,328	5,860
30	6	98 231	15 935,972	249 889,895	15,681	15,213	80	56	48 810	382,118	2 311,024	6,048	5,580
31	7	98 157	14 987,397	233 953,923	15,610	15,142	81	57	45 323	333,948	1 928,906	5,776	5,308
32	8	98 077	14 094,152	218 966,526	15,536	15,068	82	58	41 757	289,574	1 594,959	5,508	5,040
33	9	97 997	13 254,358	204 872,374	15,457	14,989	83	59	38 144	248,958	1 305,385	5,243	4,775
34	10	97 920	12 464,839	191 618,016	15,373	14,904	84	60	34 534	212,137	1 056,427	4,980	4,512
35	11	97 833	11 721,190	179 153,177	15,285	14,816	85	61	30 901	178,655	844,290	4,726	4,257
36	12	97 740	11 021,285	167 431,987	15,192	14,723	86	62	27 260	148,331	665,635	4,487	4,019
37	13	97 644	10 362,717	156 410,703	15,094	14,625	87	63	23 685	121,301	517,304	4,265	3,796
38	14	97 538	9 742,554	146 047,986	14,991	14,522	88	64	20 189	97,314	396,003	4,069	3,601
39	15	97 421	9 158,457	136 305,432	14,883	14,415	89	65	17 021	77,215	298,689	3,868	3,400
40	16	97 293	8 608,438	127 146,975	14,770	14,302	90	66	14 113	60,260	221,474	3,675	3,207
41	17	97 145	8 089,713	118 538,537	14,653	14,185	91	67	11 620	46,696	161,214	3,452	2,984
42	18	96 983	7 601,203	110 448,824	14,530	14,062	92	68	9 279	35,095	114,518	3,263	2,795
43	19	96 806	7 140,977	102 847,621	14,402	13,934	93	69	7 192	25,602	79,423	3,102	2,634
44	20	96 599	6 706,552	95 706,644	14,271	13,802	94	70	5 447	18,250	53,821	2,949	2,481
45	21	96 373	6 297,287	89 000,093	14,133	13,665	95	71	4 021	12,679	35,571	2,806	2,337
46	22	96 120	5 911,294	82 702,806	13,991	13,522	96	72	2 888	8,569	22,892	2,671	2,203
47	23	95 833	5 546,971	76 791,512	13,844	13,376	97	73	2 013	5,623	14,323	2,547	2,079
48	24	95 515	5 203,346	71 244,541	13,692	13,224	98	74	1 361	3,578	8,700	2,431	1,963
49	25	95 156	4 878,863	66 041,196	13,536	13,068	99	75	891	2,205	5,122	2,323	1,855
							100	76	564	1,313	2,917	2,222	1,754

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 6,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	4 573,984	61 211,287	13,382	12,914
1							51	26	94 359	4 285,580	56 637,304	13,216	12,747
2							52	27	93 881	4 013,050	52 351,723	13,045	12,577
3							53	28	93 363	3 756,153	48 338,673	12,869	12,401
4							54	29	92 804	3 514,007	44 582,520	12,687	12,219
5							55	30	92 183	3 285,196	41 068,512	12,501	12,033
6							56	31	91 522	3 069,777	37 783,317	12,308	11,840
7							57	32	90 811	2 866,745	34 713,540	12,109	11,641
8							58	33	90 057	2 675,697	31 846,795	11,902	11,434
9							59	34	89 228	2 495,131	29 171,099	11,691	11,223
10							60	35	88 336	2 324,877	26 675,967	11,474	11,006
11							61	36	87 362	2 163,996	24 351,090	11,253	10,784
12							62	37	86 339	2 012,866	22 187,094	11,023	10,554
13							63	38	85 233	1 870,186	20 174,227	10,787	10,319
14							64	39	84 064	1 736,034	18 304,041	10,544	10,075
15							65	40	82 798	1 609,298	16 568,007	10,295	9,827
16							66	41	81 449	1 489,963	14 958,709	10,040	9,571
17							67	42	80 025	1 377,795	13 468,746	9,776	9,307
18							68	43	78 508	1 272,166	12 090,951	9,504	9,036
19							69	44	76 884	1 172,564	10 818,785	9,227	8,758
20							70	45	75 136	1 078,512	9 646,221	8,944	8,476
21							71	46	73 265	989,785	8 567,709	8,656	8,188
22							72	47	71 261	906,089	7 577,924	8,363	7,895
23							73	48	69 068	826,544	6 671,835	8,072	7,604
24							74	49	66 730	751,590	5 845,291	7,777	7,309
25	0	98 931	21 732,448	346 197,489	15,930	15,462	75	50	64 187	680,419	5 093,701	7,486	7,018
26	1	98 556	20 376,540	324 465,040	15,923	15,455	76	51	61 494	613,522	4 413,282	7,193	6,725
27	2	98 468	19 160,758	304 088,500	15,870	15,402	77	52	58 631	550,557	3 799,760	6,902	6,433
28	3	98 390	18 019,335	284 927,742	15,812	15,344	78	53	55 563	491,055	3 249,203	6,617	6,148
29	4	98 314	16 946,435	266 908,407	15,750	15,282	79	54	52 312	435,130	2 758,148	6,339	5,870
30	5	98 239	15 937,414	249 961,972	15,684	15,216	80	55	48 987	383,497	2 323,018	6,057	5,589
31	6	98 165	14 988,599	234 024,558	15,614	15,145	81	56	45 496	335,219	1 939,521	5,786	5,317
32	7	98 085	14 095,330	219 035,959	15,540	15,071	82	57	41 930	290,773	1 604,302	5,517	5,049
33	8	98 003	13 255,181	204 940,630	15,461	14,993	83	58	38 319	250,098	1 313,529	5,252	4,784
34	9	97 926	12 465,630	191 685,448	15,377	14,909	84	59	34 700	213,156	1 063,430	4,989	4,521
35	10	97 841	11 722,134	179 219,818	15,289	14,821	85	60	31 071	179,637	850,274	4,733	4,265
36	11	97 748	11 022,160	167 497,684	15,196	14,728	86	61	27 416	149,179	670,637	4,496	4,027
37	12	97 651	10 363,511	156 475,524	15,099	14,630	87	62	23 835	122,067	521,458	4,272	3,804
38	13	97 547	9 743,513	146 112,013	14,996	14,527	88	63	20 325	97,968	399,391	4,077	3,608
39	14	97 433	9 159,591	136 368,500	14,888	14,420	89	64	17 144	77,774	301,424	3,876	3,407
40	15	97 306	8 609,605	127 208,909	14,775	14,307	90	65	14 224	60,730	223,649	3,683	3,214
41	16	97 160	8 091,013	118 599,304	14,658	14,190	91	66	11 717	47,083	162,919	3,460	2,992
42	17	97 001	7 602,538	110 508,290	14,536	14,067	92	67	9 364	35,414	115,836	3,271	2,803
43	18	96 827	7 142,537	102 905,753	14,407	13,939	93	68	7 263	25,855	80,422	3,111	2,642
44	19	96 620	6 707,994	95 763,216	14,276	13,808	94	69	5 508	18,453	54,567	2,957	2,489
45	20	96 393	6 298,616	89 055,222	14,139	13,671	95	70	4 070	12,832	36,114	2,814	2,346
46	21	96 141	5 912,572	82 756,606	13,997	13,528	96	71	2 927	8,685	23,282	2,681	2,212
47	22	95 855	5 548,246	76 844,034	13,850	13,382	97	72	2 045	5,711	14,597	2,556	2,087
48	23	95 537	5 204,529	71 295,789	13,699	13,230	98	73	1 385	3,641	8,885	2,440	1,972
49	24	95 178	4 879,972	66 091,259	13,543	13,075	99	74	909	2,248	5,244	2,333	1,864
							100	75	576	1,342	2,996	2,232	1,763

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 598 156,145	15,982	15,513	50	50	93 003	3 990,406	49 424,507	12,386	11,917
1	1	99 275	93 216,101	1 498 156,145	16,072	15,603	51	51	92 389	3 722,137	45 434,101	12,206	11,738
2	2	99 212	87 470,823	1 404 940,044	16,062	15,593	52	52	91 717	3 469,521	41 711,964	12,022	11,554
3	3	99 177	82 103,181	1 317 469,221	16,047	15,578	53	53	90 982	3 231,653	38 242,443	11,834	11,365
4	4	99 147	77 069,496	1 235 366,040	16,029	15,561	54	54	90 185	3 007,837	35 010,790	11,640	11,171
5	5	99 121	72 346,625	1 158 296,544	16,010	15,542	55	55	89 321	2 797,221	32 002,953	11,441	10,972
6	6	99 101	67 917,099	1 085 949,919	15,989	15,521	56	56	88 386	2 598,996	29 205,732	11,237	10,769
7	7	99 082	63 760,088	1 018 032,819	15,967	15,498	57	57	87 395	2 413,006	26 606,736	11,026	10,558
8	8	99 064	59 857,837	954 272,731	15,942	15,474	58	58	86 341	2 238,413	24 193,730	10,808	10,340
9	9	99 049	56 195,647	894 414,894	15,916	15,447	59	59	85 187	2 073,713	21 955,316	10,587	10,119
10	10	99 034	52 757,987	838 219,247	15,888	15,419	60	60	83 967	1 919,246	19 881,603	10,359	9,890
11	11	99 017	49 529,596	785 461,261	15,858	15,390	61	61	82 622	1 773,252	17 962,357	10,130	9,661
12	12	99 000	46 498,448	735 931,665	15,827	15,358	62	62	81 229	1 636,947	16 189,106	9,890	9,421
13	13	98 982	43 652,602	689 433,217	15,794	15,325	63	63	79 727	1 508,617	14 552,159	9,646	9,177
14	14	98 963	40 980,739	645 780,615	15,758	15,289	64	64	78 155	1 388,615	13 043,542	9,393	8,924
15	15	98 935	38 468,458	604 799,876	15,722	15,253	65	65	76 477	1 275,876	11 654,927	9,135	8,666
16	16	98 902	36 108,508	566 331,418	15,684	15,215	66	66	74 702	1 170,202	10 379,051	8,869	8,401
17	17	98 856	33 889,199	530 222,911	15,646	15,177	67	67	72 853	1 071,583	9 208,849	8,594	8,125
18	18	98 805	31 804,396	496 333,711	15,606	15,137	68	68	70 895	979,131	8 137,266	8,311	7,842
19	19	98 729	29 840,167	464 529,316	15,567	15,099	69	69	68 821	892,475	7 158,135	8,021	7,552
20	20	98 654	27 997,634	434 689,149	15,526	15,057	70	70	66 595	810,897	6 265,660	7,727	7,258
21	21	98 574	26 267,610	406 691,515	15,483	15,014	71	71	64 247	734,562	5 454,762	7,426	6,957
22	22	98 497	24 645,186	380 423,904	15,436	14,967	72	72	61 752	662,946	4 720,200	7,120	6,651
23	23	98 419	23 122,685	355 778,718	15,387	14,918	73	73	59 028	595,023	4 057,254	6,819	6,350
24	24	98 342	21 694,548	332 656,034	15,334	14,865	74	74	56 145	531,421	3 462,231	6,515	6,046
25	25	98 263	20 354,103	310 961,486	15,278	14,809	75	75	53 072	471,682	2 930,809	6,214	5,745
26	26	98 183	19 096,250	290 607,383	15,218	14,749	76	76	49 829	415,826	2 459,128	5,914	5,445
27	27	98 097	17 915,013	271 511,133	15,156	14,687	77	77	46 421	363,744	2 043,302	5,617	5,149
28	28	98 010	16 806,623	253 596,119	15,089	14,620	78	78	42 837	315,172	1 679,558	5,329	4,860
29	29	97 924	15 766,991	236 789,497	15,018	14,549	79	79	39 108	270,177	1 364,386	5,050	4,581
30	30	97 833	14 791,058	221 022,506	14,943	14,474	80	80	35 359	229,369	1 094,209	4,771	4,302
31	31	97 742	13 875,282	206 231,448	14,863	14,394	81	81	31 529	192,039	864,840	4,503	4,035
32	32	97 637	13 014,533	192 356,166	14,780	14,311	82	82	27 725	158,562	672,802	4,243	3,774
33	33	97 531	12 206,866	179 341,633	14,692	14,223	83	83	23 995	128,855	514,240	3,991	3,522
34	34	97 425	11 449,378	167 134,767	14,598	14,129	84	84	20 410	102,916	385,385	3,745	3,276
35	35	97 306	10 737,544	155 685,389	14,499	14,030	85	85	17 005	80,512	282,469	3,508	3,040
36	36	97 181	10 069,182	144 947,845	14,395	13,926	86	86	13 800	61,350	201,957	3,292	2,823
37	37	97 047	9 441,602	134 878,663	14,286	13,817	87	87	10 900	45,500	140,607	3,090	2,622
38	38	96 900	8 851,933	125 437,061	14,171	13,702	88	88	8 281	32,458	95,107	2,930	2,461
39	39	96 738	8 297,830	116 585,128	14,050	13,581	89	89	6 150	22,633	62,649	2,768	2,299
40	40	96 557	7 776,771	108 287,297	13,924	13,456	90	90	4 421	15,277	40,016	2,619	2,151
41	41	96 357	7 286,979	100 510,526	13,793	13,324	91	91	3 126	10,144	24,739	2,439	1,970
42	42	96 134	6 826,393	93 223,547	13,656	13,188	92	92	2 083	6,346	14,596	2,300	1,831
43	43	95 888	6 393,369	86 397,154	13,514	13,045	93	93	1 322	3,783	8,250	2,181	1,712
44	44	95 602	5 985,294	80 003,785	13,367	12,898	94	94	803	2,157	4,467	2,071	1,602
45	45	95 291	5 601,693	74 018,491	13,214	12,745	95	95	465	1,172	2,309	1,970	1,501
46	46	94 933	5 240,030	68 416,798	13,057	12,588	96	96	256	0,605	1,137	1,879	1,410
47	47	94 524	4 899,053	63 176,769	12,896	12,427	97	97	133	0,296	0,532	1,796	1,327
48	48	94 068	4 577,862	58 277,715	12,730	12,262	98	98	66	0,137	0,236	1,720	1,252
49	49	93 563	4 275,346	53 699,853	12,560	12,092	99	99	30	0,060	0,099	1,652	1,183
							100	100	13	0,025	0,039	1,590	1,121

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 597 151,032	16,023	15,554	50	51	92 786	3 981,083	49 048,119	12,320	11,852
1	2	99 247	93 189,596	1 497 470,994	16,069	15,600	51	52	92 159	3 712,866	45 067,036	12,138	11,669
2	3	99 196	87 456,722	1 404 281,397	16,057	15,588	52	53	91 463	3 459,908	41 354,170	11,952	11,484
3	4	99 162	82 091,409	1 316 824,676	16,041	15,572	53	54	90 705	3 221,831	37 894,262	11,762	11,293
4	5	99 135	77 060,260	1 234 733,267	16,023	15,554	54	55	89 897	2 998,254	34 672,431	11,564	11,095
5	6	99 112	72 340,081	1 157 673,008	16,003	15,534	55	56	89 000	2 787,158	31 674,177	11,364	10,896
6	7	99 093	67 911,654	1 085 332,927	15,982	15,513	56	57	88 051	2 589,138	28 887,019	11,157	10,688
7	8	99 074	63 754,762	1 017 421,273	15,958	15,490	57	58	87 034	2 403,049	26 297,881	10,944	10,475
8	9	99 058	59 854,119	953 666,511	15,933	15,464	58	59	85 947	2 228,207	23 894,832	10,724	10,255
9	10	99 042	56 192,080	893 812,393	15,906	15,438	59	60	84 780	2 063,804	21 666,625	10,498	10,030
10	11	99 026	52 753,736	837 620,313	15,878	15,409	60	61	83 508	1 908,752	19 602,821	10,270	9,801
11	12	99 009	49 525,662	784 866,577	15,848	15,379	61	62	82 152	1 763,170	17 694,069	10,035	9,567
12	13	98 992	46 494,883	735 340,915	15,816	15,347	62	63	80 719	1 626,675	15 930,899	9,794	9,325
13	14	98 972	43 648,308	688 846,031	15,782	15,313	63	64	79 195	1 498,556	14 304,224	9,545	9,077
14	15	98 951	40 975,665	645 197,723	15,746	15,277	64	65	77 593	1 378,623	12 805,667	9,289	8,820
15	16	98 921	38 463,243	604 222,058	15,709	15,240	65	66	75 885	1 265,998	11 427,045	9,026	8,557
16	17	98 886	36 102,703	565 758,814	15,671	15,202	66	67	74 088	1 160,584	10 161,047	8,755	8,286
17	18	98 839	33 883,251	529 656,112	15,632	15,163	67	68	72 196	1 061,918	9 000,463	8,476	8,007
18	19	98 784	31 797,448	495 772,861	15,592	15,123	68	69	70 200	969,540	7 938,545	8,188	7,719
19	20	98 708	29 833,749	463 975,413	15,552	15,083	69	70	68 066	882,687	6 969,005	7,895	7,426
20	21	98 633	27 991,727	434 141,663	15,510	15,041	70	71	65 799	801,209	6 086,319	7,596	7,128
21	22	98 553	26 261,933	406 149,936	15,465	14,997	71	72	63 389	724,761	5 285,110	7,292	6,823
22	23	98 474	24 639,523	379 888,003	15,418	14,949	72	73	60 796	652,687	4 560,349	6,987	6,518
23	24	98 397	23 117,425	355 248,481	15,367	14,898	73	74	58 004	584,708	3 907,662	6,683	6,214
24	25	98 320	21 689,615	332 131,056	15,313	14,844	74	75	55 060	521,152	3 322,954	6,376	5,907
25	26	98 242	20 349,567	310 441,440	15,255	14,787	75	76	51 890	461,172	2 801,802	6,075	5,607
26	27	98 157	19 091,149	290 091,873	15,195	14,726	76	77	48 566	405,286	2 340,630	5,775	5,307
27	28	98 072	17 910,389	271 000,724	15,131	14,662	77	78	45 077	353,212	1 935,344	5,479	5,011
28	29	97 984	16 802,257	253 090,335	15,063	14,594	78	79	41 412	304,690	1 582,132	5,193	4,724
29	30	97 896	15 762,618	236 288,078	14,990	14,522	79	80	37 640	260,032	1 277,442	4,913	4,444
30	31	97 807	14 786,999	220 525,461	14,913	14,445	80	81	33 826	219,421	1 017,411	4,637	4,168
31	32	97 710	13 870,759	205 738,462	14,833	14,364	81	82	29 968	182,533	797,990	4,372	3,903
32	33	97 604	13 010,025	191 867,703	14,748	14,279	82	83	26 148	149,545	615,457	4,116	3,647
33	34	97 495	12 202,450	178 857,678	14,658	14,189	83	84	22 436	120,485	465,912	3,867	3,398
34	35	97 385	11 444,732	166 655,229	14,562	14,093	84	85	18 900	95,302	345,427	3,625	3,156
35	36	97 265	10 732,969	155 210,497	14,461	13,992	85	86	15 555	73,644	250,125	3,396	2,928
36	37	97 135	10 064,487	144 477,528	14,355	13,886	86	87	12 466	55,420	176,481	3,184	2,716
37	38	96 996	9 436,629	134 413,042	14,244	13,775	87	88	9 650	40,283	121,061	3,005	2,536
38	39	96 843	8 846,714	124 976,413	14,127	13,658	88	89	7 242	28,386	80,777	2,846	2,377
39	40	96 670	8 291,995	116 129,699	14,005	13,536	89	90	5 290	19,469	52,392	2,691	2,222
40	41	96 488	7 771,228	107 837,704	13,877	13,408	90	91	3 766	13,013	32,922	2,530	2,061
41	42	96 277	7 280,924	100 066,476	13,744	13,275	91	92	2 585	8,387	19,909	2,374	1,905
42	43	96 043	6 819,936	92 785,552	13,605	13,136	92	93	1 689	5,147	11,522	2,239	1,770
43	44	95 786	6 386,620	85 965,617	13,460	12,992	93	94	1 049	3,000	6,375	2,125	1,656
44	45	95 494	5 978,526	79 578,996	13,311	12,842	94	95	622	1,671	3,375	2,020	1,551
45	46	95 162	5 594,116	73 600,470	13,157	12,688	95	96	351	0,886	1,704	1,924	1,455
46	47	94 785	5 231,903	68 006,354	12,998	12,530	96	97	188	0,445	0,818	1,837	1,368
47	48	94 360	4 890,551	62 774,451	12,836	12,367	97	98	95	0,212	0,373	1,758	1,289
48	49	93 894	4 569,380	57 883,900	12,668	12,199	98	99	46	0,095	0,161	1,686	1,217
49	50	93 367	4 266,402	53 314,520	12,496	12,028	99	100	21	0,040	0,065	1,620	1,152

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 596 405,384	16,020	15,551	50	52	92 555	3 971,167	48 641,661	12,249	11,780
1	3	99 231	93 174,573	1 496 753,688	16,064	15,595	51	53	91 904	3 702,578	44 670,494	12,065	11,596
2	4	99 181	87 444,182	1 403 579,115	16,051	15,582	52	54	91 185	3 449,393	40 967,916	11,877	11,408
3	5	99 150	82 081,570	1 316 134,934	16,034	15,566	53	55	90 416	3 211,566	37 518,524	11,682	11,214
4	6	99 126	77 053,289	1 234 053,364	16,016	15,547	54	56	89 574	2 987,467	34 306,958	11,484	11,015
5	7	99 104	72 334,281	1 157 000,075	15,995	15,526	55	57	88 662	2 776,587	31 319,490	11,280	10,811
6	8	99 084	67 905,980	1 084 665,794	15,973	15,504	56	58	87 687	2 578,455	28 542,904	11,070	10,601
7	9	99 068	63 750,802	1 016 759,814	15,949	15,480	57	59	86 637	2 392,092	25 964,449	10,854	10,386
8	10	99 052	59 850,319	953 009,012	15,923	15,454	58	60	85 537	2 217,560	23 572,357	10,630	10,161
9	11	99 035	56 187,553	893 158,693	15,896	15,427	59	61	84 317	2 052,519	21 354,797	10,404	9,935
10	12	99 018	52 749,547	836 971,141	15,867	15,398	60	62	83 033	1 897,900	19 302,277	10,170	9,702
11	13	99 002	49 521,866	784 221,594	15,836	15,367	61	63	81 637	1 752,106	17 404,378	9,933	9,465
12	14	98 982	46 490,310	734 699,728	15,803	15,335	62	64	80 181	1 615,827	15 652,271	9,687	9,218
13	15	98 960	43 642,905	688 209,419	15,769	15,300	63	65	78 625	1 487,773	14 036,444	9,435	8,966
14	16	98 938	40 970,111	644 566,514	15,733	15,264	64	66	76 992	1 367,949	12 548,671	9,173	8,705
15	17	98 905	38 457,060	603 596,403	15,695	15,227	65	67	75 262	1 255,592	11 180,722	8,905	8,436
16	18	98 868	36 096,365	565 139,343	15,656	15,188	66	68	73 420	1 150,116	9 925,130	8,630	8,161
17	19	98 817	33 875,849	529 042,978	15,617	15,148	67	69	71 489	1 051,516	8 775,015	8,345	7,876
18	20	98 762	31 790,610	495 167,129	15,576	15,107	68	70	69 430	958,906	7 723,498	8,054	7,586
19	21	98 687	29 827,455	463 376,519	15,535	15,066	69	71	67 253	872,140	6 764,592	7,756	7,288
20	22	98 612	27 985,677	433 549,064	15,492	15,023	70	72	64 921	790,518	5 892,452	7,454	6,985
21	23	98 530	26 255,898	405 563,387	15,447	14,978	71	73	62 408	713,545	5 101,934	7,150	6,681
22	24	98 452	24 633,918	379 307,489	15,398	14,929	72	74	59 742	641,373	4 388,389	6,842	6,373
23	25	98 374	23 112,169	354 673,571	15,346	14,877	73	75	56 883	573,409	3 747,016	6,535	6,066
24	26	98 298	21 684,782	331 561,401	15,290	14,821	74	76	53 833	509,540	3 173,607	6,228	5,760
25	27	98 215	20 344,131	309 876,620	15,232	14,763	75	77	50 575	449,482	2 664,067	5,927	5,458
26	28	98 132	19 086,221	289 532,489	15,170	14,701	76	78	47 160	393,551	2 214,584	5,627	5,158
27	29	98 046	17 905,737	270 446,268	15,104	14,635	77	79	43 578	341,465	1 821,033	5,333	4,864
28	30	97 957	16 797,597	252 540,531	15,034	14,566	78	80	39 857	293,249	1 479,569	5,045	4,577
29	31	97 870	15 758,292	235 742,934	14,960	14,491	79	81	36 007	248,753	1 186,320	4,769	4,300
30	32	97 775	14 782,178	219 984,643	14,882	14,413	80	82	32 151	208,560	937,567	4,495	4,027
31	33	97 676	13 865,955	205 202,465	14,799	14,330	81	83	28 264	172,153	729,007	4,235	3,766
32	34	97 568	13 005,318	191 336,510	14,712	14,243	82	84	24 449	139,830	556,853	3,982	3,514
33	35	97 456	12 197,498	178 331,192	14,620	14,152	83	85	20 776	111,571	417,023	3,738	3,269
34	36	97 344	11 439,854	166 133,695	14,522	14,054	84	86	17 288	87,173	305,452	3,504	3,035
35	37	97 220	10 727,964	154 693,840	14,420	13,951	85	87	14 051	66,527	218,279	3,281	2,812
36	38	97 084	10 059,186	143 965,877	14,312	13,843	86	88	11 037	49,066	151,753	3,093	2,624
37	39	96 938	9 431,065	133 906,691	14,198	13,730	87	89	8 440	35,229	102,687	2,915	2,446
38	40	96 775	8 840,493	124 475,626	14,080	13,611	88	90	6 230	24,418	67,458	2,763	2,294
39	41	96 602	8 286,084	115 635,133	13,955	13,487	89	91	4 506	16,584	43,040	2,595	2,126
40	42	96 408	7 764,770	107 349,049	13,825	13,356	90	92	3 114	10,760	26,455	2,459	1,990
41	43	96 185	7 274,036	99 584,278	13,690	13,222	91	93	2 096	6,802	15,696	2,307	1,839
42	44	95 941	6 812,737	92 310,242	13,550	13,081	92	94	1 340	4,082	8,893	2,179	1,710
43	45	95 678	6 379,398	85 497,505	13,402	12,933	93	95	812	2,324	4,811	2,070	1,602
44	46	95 365	5 970,439	79 118,107	13,252	12,783	94	96	470	1,263	2,487	1,970	1,501
45	47	95 014	5 585,440	73 147,667	13,096	12,627	95	97	258	0,652	1,225	1,879	1,410
46	48	94 621	5 222,823	67 562,227	12,936	12,467	96	98	135	0,319	0,573	1,796	1,327
47	49	94 185	4 881,489	62 339,404	12,771	12,302	97	99	66	0,148	0,254	1,720	1,252
48	50	93 698	4 559,820	57 457,914	12,601	12,132	98	100	31	0,064	0,106	1,652	1,183
49	51	93 149	4 256,433	52 898,094	12,428	11,959							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 595 624,789	16,015	15,546	50	53	92 298	3 960,163	48 203,085	12,172	11,703
1	4	99 217	93 161,213	1 495 989,158	16,058	15,589	51	54	91 625	3 691,325	44 242,922	11,986	11,517
2	5	99 169	87 433,702	1 402 827,945	16,044	15,576	52	55	90 894	3 438,402	40 551,597	11,794	11,325
3	6	99 141	82 074,145	1 315 394,244	16,027	15,558	53	56	90 091	3 200,012	37 113,195	11,598	11,129
4	7	99 119	77 047,111	1 233 320,099	16,007	15,539	54	57	89 234	2 976,136	33 913,182	11,395	10,926
5	8	99 096	72 328,238	1 156 272,988	15,986	15,518	55	58	88 297	2 765,130	30 937,046	11,188	10,720
6	9	99 078	67 901,762	1 083 944,750	15,963	15,495	56	59	87 288	2 566,698	28 171,916	10,976	10,507
7	10	99 062	63 746,755	1 016 042,988	15,939	15,470	57	60	86 223	2 380,662	25 605,219	10,756	10,287
8	11	99 044	59 845,497	952 296,233	15,913	15,444	58	61	85 069	2 205,435	23 224,557	10,531	10,062
9	12	99 027	56 183,090	892 450,736	15,885	15,416	59	62	83 837	2 040,850	21 019,122	10,299	9,830
10	13	99 011	52 745,503	836 267,645	15,855	15,386	60	63	82 512	1 885,991	18 978,272	10,063	9,594
11	14	98 992	49 516,994	783 522,142	15,823	15,355	61	64	81 093	1 740,422	17 092,281	9,821	9,352
12	15	98 970	46 484,554	734 005,148	15,790	15,322	62	65	79 604	1 604,200	15 351,859	9,570	9,101
13	16	98 946	43 636,988	687 520,594	15,755	15,287	63	66	78 016	1 476,254	13 747,659	9,313	8,844
14	17	98 922	40 963,524	643 883,605	15,718	15,250	64	67	76 359	1 356,705	12 271,405	9,045	8,576
15	18	98 888	38 450,309	602 920,081	15,681	15,212	65	68	74 583	1 244,267	10 914,700	8,772	8,303
16	19	98 847	36 088,481	564 469,772	15,641	15,173	66	69	72 701	1 138,850	9 670,434	8,491	8,023
17	20	98 796	33 868,564	528 381,291	15,601	15,132	67	70	70 705	1 039,984	8 531,584	8,204	7,735
18	21	98 742	31 783,903	494 512,727	15,559	15,090	68	71	68 601	947,449	7 491,600	7,907	7,438
19	22	98 665	29 821,008	462 728,825	15,517	15,048	69	72	66 355	860,503	6 544,151	7,605	7,136
20	23	98 589	27 979,246	432 907,817	15,472	15,004	70	73	63 916	778,285	5 683,648	7,303	6,834
21	24	98 508	26 249,926	404 928,571	15,426	14,957	71	74	61 327	701,176	4 905,363	6,996	6,527
22	25	98 430	24 628,318	378 678,645	15,376	14,907	72	75	58 588	628,979	4 204,187	6,684	6,215
23	26	98 352	23 107,019	354 050,327	15,322	14,853	73	76	55 616	560,633	3 575,209	6,377	5,908
24	27	98 272	21 678,989	330 943,308	15,266	14,797	74	77	52 469	496,624	3 014,576	6,070	5,601
25	28	98 190	20 338,879	309 264,320	15,206	14,737	75	78	49 110	436,468	2 517,951	5,769	5,300
26	29	98 106	19 081,263	288 925,441	15,142	14,673	76	79	45 591	380,462	2 081,483	5,471	5,002
27	30	98 019	17 900,771	269 844,177	15,074	14,606	77	80	41 941	328,643	1 701,021	5,176	4,707
28	31	97 930	16 792,987	251 943,407	15,003	14,534	78	81	38 128	280,529	1 372,378	4,892	4,423
29	32	97 838	15 753,154	235 150,420	14,927	14,458	79	82	34 225	236,441	1 091,849	4,618	4,149
30	33	97 741	14 777,058	219 397,266	14,847	14,378	80	83	30 323	196,700	855,408	4,349	3,880
31	34	97 641	13 860,938	204 620,208	14,762	14,294	81	84	26 428	160,970	658,708	4,092	3,623
32	35	97 529	13 000,040	190 759,270	14,674	14,205	82	85	22 641	129,485	497,738	3,844	3,375
33	36	97 414	12 192,300	177 759,229	14,580	14,111	83	86	19 004	102,054	368,253	3,608	3,140
34	37	97 298	11 434,520	165 566,930	14,480	14,011	84	87	15 617	78,748	266,199	3,380	2,912
35	38	97 168	10 722,313	154 132,410	14,375	13,906	85	88	12 440	58,899	187,451	3,183	2,714
36	39	97 027	10 053,255	143 410,097	14,265	13,796	86	89	9 652	42,910	128,552	2,996	2,527
37	40	96 870	9 424,433	133 356,842	14,150	13,681	87	90	7 260	30,305	85,643	2,826	2,357
38	41	96 706	8 834,191	123 932,409	14,029	13,560	88	91	5 307	20,800	55,337	2,660	2,192
39	42	96 521	8 279,199	115 098,218	13,902	13,433	89	92	3 726	13,713	34,538	2,519	2,050
40	43	96 317	7 757,425	106 819,019	13,770	13,301	90	93	2 525	8,726	20,825	2,386	1,918
41	44	96 084	7 266,358	99 061,594	13,633	13,164	91	94	1 663	5,395	12,099	2,243	1,774
42	45	95 833	6 805,033	91 795,235	13,489	13,021	92	95	1 038	3,162	6,704	2,120	1,651
43	46	95 549	6 370,770	84 990,202	13,341	12,872	93	96	614	1,756	3,542	2,017	1,548
44	47	95 217	5 961,180	78 619,433	13,189	12,720	94	97	346	0,929	1,786	1,922	1,453
45	48	94 850	5 575,747	72 658,253	13,031	12,562	95	98	185	0,467	0,856	1,835	1,366
46	49	94 446	5 213,146	67 082,506	12,868	12,399	96	99	94	0,222	0,390	1,756	1,287
47	50	93 988	4 871,277	61 869,360	12,701	12,232	97	100	45	0,100	0,168	1,684	1,216
48	51	93 479	4 549,167	56 998,083	12,529	12,061							
49	52	92 917	4 245,831	52 448,917	12,353	11,884							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 594 793,199	16,009	15,540	50	54	92 018	3 948,127	47 730,786	12,089	11,621
1	5	99 205	93 150,047	1 495 171,855	16,051	15,582	51	55	91 333	3 679,564	43 782,659	11,899	11,430
2	6	99 161	87 425,792	1 402 021,807	16,037	15,568	52	56	90 567	3 426,033	40 103,095	11,705	11,237
3	7	99 133	82 067,565	1 314 596,015	16,018	15,550	53	57	89 749	3 187,875	36 677,062	11,505	11,036
4	8	99 110	77 040,674	1 232 528,451	15,998	15,530	54	58	88 866	2 963,856	33 489,187	11,299	10,830
5	9	99 090	72 323,745	1 155 487,776	15,977	15,508	55	59	87 894	2 752,522	30 525,331	11,090	10,621
6	10	99 072	67 897,452	1 083 164,031	15,953	15,484	56	60	86 871	2 554,433	27 772,810	10,872	10,404
7	11	99 054	63 741,619	1 015 266,579	15,928	15,459	57	61	85 752	2 367,645	25 218,376	10,651	10,183
8	12	99 036	59 840,744	951 524,960	15,901	15,432	58	62	84 585	2 192,896	22 850,732	10,420	9,952
9	13	99 019	56 178,784	891 684,216	15,872	15,404	59	63	83 311	2 028,044	20 657,836	10,186	9,717
10	14	99 001	52 740,315	835 505,432	15,842	15,373	60	64	81 962	1 873,414	18 629,792	9,944	9,476
11	15	98 980	49 510,864	782 765,118	15,810	15,341	61	65	80 509	1 727,899	16 756,378	9,698	9,229
12	16	98 957	46 478,253	733 254,253	15,776	15,308	62	66	78 988	1 591,780	15 028,480	9,441	8,973
13	17	98 930	43 629,973	686 776,001	15,741	15,272	63	67	77 375	1 464,120	13 436,700	9,177	8,709
14	18	98 904	40 956,334	643 146,027	15,703	15,234	64	68	75 670	1 344,468	11 972,580	8,905	8,436
15	19	98 866	38 441,910	602 189,694	15,665	15,196	65	69	73 852	1 232,079	10 628,113	8,626	8,157
16	20	98 825	36 080,720	563 747,784	15,625	15,156	66	70	71 904	1 126,359	9 396,034	8,342	7,873
17	21	98 775	33 861,418	527 667,064	15,583	15,114	67	71	69 860	1 027,558	8 269,674	8,048	7,579
18	22	98 720	31 777,033	493 805,646	15,540	15,071	68	72	67 685	934,807	7 242,117	7,747	7,278
19	23	98 643	29 814,155	462 028,613	15,497	15,028	69	73	65 328	847,187	6 307,309	7,445	6,976
20	24	98 567	27 972,882	432 214,458	15,451	14,982	70	74	62 808	764,793	5 460,122	7,139	6,671
21	25	98 485	26 243,958	404 241,576	15,403	14,934	71	75	60 142	687,626	4 695,330	6,828	6,360
22	26	98 408	24 622,829	377 997,619	15,352	14,883	72	76	57 282	614,964	4 007,704	6,517	6,048
23	27	98 326	23 100,846	353 374,789	15,297	14,828	73	77	54 206	546,422	3 392,739	6,209	5,740
24	28	98 247	21 673,393	330 273,943	15,239	14,770	74	78	50 949	482,245	2 846,317	5,902	5,433
25	29	98 164	20 333,596	308 600,551	15,177	14,708	75	79	47 477	421,952	2 364,072	5,603	5,134
26	30	98 079	19 075,971	288 266,954	15,112	14,643	76	80	43 879	366,176	1 942,120	5,304	4,835
27	31	97 992	17 895,858	269 190,983	15,042	14,573	77	81	40 122	314,388	1 575,945	5,013	4,544
28	32	97 898	16 787,512	251 295,125	14,969	14,500	78	82	36 241	266,644	1 261,556	4,731	4,262
29	33	97 804	15 747,698	234 507,613	14,892	14,423	79	83	32 279	222,995	994,912	4,462	3,993
30	34	97 706	14 771,712	218 759,915	14,809	14,341	80	84	28 353	183,922	771,917	4,197	3,728
31	35	97 601	13 855,313	203 988,204	14,723	14,254	81	85	24 473	149,061	587,994	3,945	3,476
32	36	97 487	12 994,500	190 132,891	14,632	14,163	82	86	20 709	118,440	438,934	3,706	3,237
33	37	97 369	12 186,614	177 138,390	14,535	14,067	83	87	17 167	92,191	320,493	3,476	3,008
34	38	97 247	11 428,497	164 951,776	14,433	13,965	84	88	13 827	69,718	228,302	3,275	2,806
35	39	97 111	10 715,992	153 523,279	14,327	13,858	85	89	10 879	51,509	158,584	3,079	2,610
36	40	96 959	10 046,185	142 807,287	14,215	13,746	86	90	8 303	36,912	107,075	2,901	2,432
37	41	96 801	9 417,715	132 761,102	14,097	13,628	87	91	6 184	25,814	70,162	2,718	2,249
38	42	96 625	8 826,850	123 343,387	13,974	13,505	88	92	4 388	17,198	44,348	2,579	2,110
39	43	96 430	8 271,367	114 516,537	13,845	13,376	89	93	3 022	11,121	27,150	2,441	1,973
40	44	96 215	7 749,237	106 245,170	13,710	13,242	90	94	2 003	6,921	16,029	2,316	1,847
41	45	95 975	7 258,141	98 495,933	13,570	13,102	91	95	1 288	4,179	9,108	2,179	1,711
42	46	95 703	6 795,829	91 237,792	13,426	12,957	92	96	784	2,389	4,929	2,063	1,594
43	47	95 401	6 360,889	84 441,963	13,275	12,806	93	97	452	1,292	2,540	1,965	1,497
44	48	95 052	5 950,835	78 081,074	13,121	12,652	94	98	248	0,665	1,247	1,875	1,406
45	49	94 674	5 565,416	72 130,239	12,960	12,492	95	99	129	0,325	0,582	1,792	1,324
46	50	94 248	5 202,239	66 564,823	12,795	12,327	96	100	63	0,150	0,257	1,717	1,249
47	51	93 769	4 859,895	61 362,584	12,626	12,158							
48	52	93 246	4 537,836	56 502,689	12,451	11,983							
49	53	92 659	4 234,067	51 964,853	12,273	11,804							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 593 904,759	16,002	15,533	50	55	91 725	3 935,548	47 223,048	11,999	11,530
1	6	99 196	93 141,621	1 494 295,354	16,043	15,575	51	56	91 004	3 666,327	43 287,500	11,807	11,338
2	7	99 153	87 418,783	1 401 153,733	16,028	15,559	52	57	90 224	3 413,038	39 621,173	11,609	11,140
3	8	99 125	82 060,708	1 313 734,950	16,009	15,541	53	58	89 379	3 174,721	36 208,135	11,405	10,936
4	9	99 104	77 035,889	1 231 674,242	15,988	15,520	54	59	88 461	2 950,342	33 033,414	11,196	10,728
5	10	99 084	72 319,154	1 154 638,353	15,966	15,497	55	60	87 474	2 739,369	30 083,073	10,982	10,513
6	11	99 064	67 891,982	1 082 319,199	15,942	15,473	56	61	86 396	2 540,466	27 343,704	10,763	10,295
7	12	99 046	63 736,557	1 014 427,217	15,916	15,447	57	62	85 264	2 354,184	24 803,238	10,536	10,067
8	13	99 029	59 836,157	950 690,660	15,888	15,419	58	63	84 055	2 179,136	22 449,054	10,302	9,833
9	14	99 009	56 173,257	890 854,503	15,859	15,390	59	64	82 756	2 014,520	20 269,918	10,062	9,593
10	15	98 989	52 733,786	834 681,245	15,828	15,359	60	65	81 372	1 859,933	18 255,399	9,815	9,346
11	16	98 966	49 504,153	781 947,460	15,796	15,327	61	66	79 886	1 714,520	16 395,466	9,563	9,094
12	17	98 941	46 470,781	732 443,307	15,761	15,293	62	67	78 338	1 578,696	14 680,945	9,299	8,831
13	18	98 913	43 622,314	685 972,526	15,725	15,257	63	68	76 677	1 450,914	13 102,249	9,030	8,562
14	19	98 883	40 947,387	642 350,212	15,687	15,218	64	69	74 929	1 331,298	11 651,336	8,752	8,283
15	20	98 845	38 433,643	601 402,825	15,648	15,179	65	70	73 042	1 218,566	10 320,037	8,469	8,000
16	21	98 805	36 073,107	562 969,182	15,606	15,138	66	71	71 045	1 112,902	9 101,472	8,178	7,709
17	22	98 754	33 854,099	526 896,075	15,564	15,095	67	72	68 928	1 013,847	7 988,570	7,879	7,411
18	23	98 698	31 769,731	493 041,976	15,519	15,050	68	73	66 638	920,341	6 974,723	7,578	7,110
19	24	98 620	29 807,374	461 272,245	15,475	15,006	69	74	64 196	832,501	6 054,382	7,273	6,804
20	25	98 544	27 966,522	431 464,872	15,428	14,959	70	75	61 594	750,014	5 221,881	6,962	6,494
21	26	98 463	26 238,110	403 498,349	15,378	14,910	71	76	58 802	672,305	4 471,867	6,652	6,183
22	27	98 381	24 616,251	377 260,240	15,326	14,857	72	77	55 830	599,376	3 799,562	6,339	5,870
23	28	98 301	23 094,883	352 643,989	15,269	14,801	73	78	52 637	530,601	3 200,186	6,031	5,563
24	29	98 221	21 667,763	329 549,106	15,209	14,740	74	79	49 255	466,206	2 669,585	5,726	5,257
25	30	98 137	20 327,957	307 881,343	15,146	14,677	75	80	45 694	406,107	2 203,379	5,426	4,957
26	31	98 052	19 070,736	287 553,386	15,078	14,610	76	81	41 976	350,293	1 797,271	5,131	4,662
27	32	97 960	17 890,024	268 482,650	15,007	14,539	77	82	38 136	298,827	1 446,978	4,842	4,373
28	33	97 864	16 781,698	250 592,627	14,932	14,464	78	83	34 180	251,481	1 148,151	4,566	4,097
29	34	97 768	15 742,001	233 810,929	14,853	14,384	79	84	30 182	208,510	896,670	4,300	3,832
30	35	97 666	14 765,717	218 068,928	14,769	14,300	80	85	26 256	170,315	688,160	4,041	3,572
31	36	97 559	13 849,408	203 303,211	14,680	14,211	81	86	22 385	136,347	517,845	3,798	3,329
32	37	97 442	12 988,441	189 453,803	14,586	14,118	82	87	18 708	106,993	381,499	3,566	3,097
33	38	97 318	12 180,196	176 465,362	14,488	14,019	83	88	15 199	81,620	274,506	3,363	2,894
34	39	97 190	11 421,759	164 285,167	14,384	13,915	84	89	12 092	60,971	192,886	3,164	2,695
35	40	97 043	10 708,455	152 863,407	14,275	13,806	85	90	9 359	44,310	131,914	2,977	2,508
36	41	96 890	10 039,024	142 154,952	14,160	13,691	86	91	7 073	31,442	87,604	2,786	2,317
37	42	96 721	9 409,889	132 115,927	14,040	13,571	87	92	5 113	21,345	56,162	2,631	2,162
38	43	96 534	8 818,500	122 706,038	13,915	13,446	88	93	3 559	13,948	34,818	2,496	2,027
39	44	96 328	8 262,636	113 887,538	13,783	13,315	89	94	2 397	8,820	20,870	2,366	1,897
40	45	96 106	7 740,474	105 624,901	13,646	13,177	90	95	1 551	5,361	12,049	2,248	1,779
41	46	95 845	7 248,324	97 884,428	13,504	13,036	91	96	973	3,157	6,688	2,118	1,649
42	47	95 555	6 785,289	90 636,103	13,358	12,889	92	97	577	1,758	3,531	2,008	1,539
43	48	95 235	6 349,850	83 850,815	13,205	12,736	93	98	323	0,925	1,772	1,915	1,446
44	49	94 876	5 939,808	77 500,964	13,048	12,579	94	99	172	0,463	0,847	1,829	1,361
45	50	94 476	5 553,772	71 561,156	12,885	12,416	95	100	87	0,219	0,384	1,751	1,282
46	51	94 028	5 190,084	66 007,384	12,718	12,249							
47	52	93 535	4 847,790	60 817,299	12,545	12,077							
48	53	92 988	4 525,262	55 969,509	12,368	11,899							
49	54	92 378	4 221,199	51 444,247	12,187	11,718							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 592 952,686	15,993	15,525	50	56	91 395	3 921,390	46 677,584	11,903	11,435
1	7	99 188	93 134,153	1 493 352,291	16,034	15,566	51	57	90 659	3 652,421	42 756,194	11,706	11,238
2	8	99 144	87 411,480	1 400 218,138	16,019	15,550	52	58	89 851	3 398,955	39 103,773	11,505	11,036
3	9	99 119	82 055,611	1 312 806,658	15,999	15,530	53	59	88 971	3 160,245	35 704,818	11,298	10,829
4	10	99 098	77 030,998	1 230 751,047	15,977	15,509	54	60	88 038	2 936,244	32 544,573	11,084	10,615
5	11	99 076	72 313,328	1 153 720,049	15,954	15,486	55	61	86 996	2 724,391	29 608,329	10,868	10,399
6	12	99 056	67 886,590	1 081 406,721	15,930	15,461	56	62	85 904	2 526,022	26 883,938	10,643	10,174
7	13	99 038	63 731,671	1 013 520,131	15,903	15,434	57	63	84 729	2 339,412	24 357,916	10,412	9,943
8	14	99 019	59 830,271	949 788,460	15,875	15,406	58	64	83 494	2 164,604	22 018,505	10,172	9,703
9	15	98 997	56 166,303	889 958,189	15,845	15,376	59	65	82 160	2 000,023	19 853,901	9,927	9,458
10	16	98 975	52 726,637	833 791,885	15,813	15,345	60	66	80 742	1 845,533	17 853,877	9,674	9,205
11	17	98 950	49 496,194	781 065,248	15,780	15,312	61	67	79 229	1 700,427	16 008,345	9,414	8,946
12	18	98 923	46 462,623	731 569,054	15,745	15,277	62	68	77 632	1 564,457	14 307,917	9,146	8,677
13	19	98 891	43 612,786	685 106,431	15,709	15,240	63	69	75 926	1 436,702	12 743,460	8,870	8,401
14	20	98 862	40 938,581	641 493,645	15,670	15,201	64	70	74 107	1 316,697	11 306,759	8,587	8,118
15	21	98 824	38 425,534	600 555,064	15,629	15,160	65	71	72 169	1 204,006	9 990,062	8,297	7,829
16	22	98 783	36 065,310	562 129,530	15,586	15,118	66	72	70 097	1 098,052	8 786,055	8,001	7,533
17	23	98 731	33 846,320	526 064,220	15,543	15,074	67	73	67 861	998,158	7 688,003	7,702	7,233
18	24	98 675	31 762,504	492 217,900	15,497	15,028	68	74	65 483	904,386	6 689,846	7,397	6,928
19	25	98 598	29 800,597	460 455,396	15,451	14,982	69	75	62 955	816,413	5 785,459	7,086	6,618
20	26	98 522	27 960,290	430 654,799	15,402	14,934	70	76	60 222	733,303	4 969,046	6,776	6,308
21	27	98 437	26 231,100	402 694,509	15,352	14,883	71	77	57 311	655,264	4 235,743	6,464	5,995
22	28	98 356	24 609,897	376 463,409	15,297	14,828	72	78	54 214	582,022	3 580,480	6,152	5,683
23	29	98 275	23 088,884	351 853,512	15,239	14,770	73	79	50 886	512,954	2 998,458	5,845	5,377
24	30	98 194	21 661,754	328 764,628	15,177	14,708	74	80	47 405	448,700	2 485,504	5,539	5,071
25	31	98 110	20 322,378	307 102,875	15,112	14,643	75	81	43 712	388,493	2 036,803	5,243	4,774
26	32	98 020	19 064,518	286 780,497	15,043	14,574	76	82	39 898	332,955	1 648,310	4,951	4,482
27	33	97 926	17 883,827	267 715,979	14,970	14,501	77	83	35 968	281,834	1 315,355	4,667	4,198
28	34	97 829	16 775,626	249 832,151	14,893	14,424	78	84	31 960	235,145	1 033,521	4,395	3,927
29	35	97 729	15 735,612	233 056,525	14,811	14,342	79	85	27 949	193,083	798,376	4,135	3,666
30	36	97 624	14 759,425	217 320,913	14,724	14,255	80	86	24 016	155,788	605,293	3,885	3,417
31	37	97 514	13 842,950	202 561,488	14,633	14,164	81	87	20 222	123,169	449,506	3,650	3,181
32	38	97 390	12 981,600	188 718,538	14,537	14,069	82	88	16 563	94,725	326,337	3,445	2,976
33	39	97 260	12 173,014	175 736,938	14,437	13,968	83	89	13 292	71,380	231,612	3,245	2,776
34	40	97 121	11 413,727	163 563,924	14,330	13,862	84	90	10 402	52,450	160,232	3,055	2,586
35	41	96 974	10 700,823	152 150,197	14,219	13,750	85	91	7 972	37,743	107,782	2,856	2,387
36	42	96 809	10 030,682	141 449,374	14,102	13,633	86	92	5 848	25,998	70,039	2,694	2,225
37	43	96 629	9 400,988	131 418,692	13,979	13,511	87	93	4 147	17,311	44,041	2,544	2,075
38	44	96 432	8 809,192	122 017,704	13,851	13,382	88	94	2 822	11,062	26,730	2,416	1,948
39	45	96 219	8 253,293	113 208,512	13,717	13,248	89	95	1 856	6,832	15,668	2,293	1,824
40	46	95 976	7 730,004	104 955,220	13,578	13,109	90	96	1 172	4,051	8,835	2,181	1,713
41	47	95 697	7 237,083	97 225,215	13,434	12,966	91	97	716	2,324	4,785	2,059	1,590
42	48	95 389	6 773,514	89 988,133	13,285	12,817	92	98	413	1,259	2,461	1,955	1,486
43	49	95 059	6 338,084	83 214,619	13,129	12,661	93	99	225	0,644	1,202	1,867	1,398
44	50	94 677	5 927,382	76 876,535	12,970	12,501	94	100	116	0,313	0,558	1,785	1,317
45	51	94 255	5 540,796	70 949,153	12,805	12,336							
46	52	93 794	5 177,157	65 408,357	12,634	12,165							
47	53	93 276	4 834,358	60 231,200	12,459	11,990							
48	54	92 705	4 511,509	55 396,842	12,279	11,810							
49	55	92 083	4 207,749	50 885,333	12,093	11,625							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 591 929,193	15,984	15,516	50	57	91 048	3 906,516	46 093,128	11,799	11,330
1	8	99 180	93 126,373	1 492 336,785	16,025	15,556	51	58	90 285	3 637,350	42 186,612	11,598	11,129
2	9	99 138	87 406,050	1 399 210,412	16,008	15,539	52	59	89 442	3 383,457	38 549,262	11,393	10,925
3	10	99 113	82 050,402	1 311 804,362	15,988	15,519	53	60	88 546	3 145,145	35 165,805	11,181	10,712
4	11	99 090	77 024,793	1 229 753,960	15,966	15,497	54	61	87 557	2 920,189	32 020,660	10,965	10,497
5	12	99 068	72 307,585	1 152 729,167	15,942	15,473	55	62	86 501	2 708,901	29 100,472	10,743	10,274
6	13	99 049	67 881,386	1 080 421,582	15,916	15,448	56	63	85 365	2 510,172	26 391,570	10,514	10,045
7	14	99 028	63 725,402	1 012 540,196	15,889	15,420	57	64	84 164	2 323,811	23 881,398	10,277	9,808
8	15	99 007	59 822,864	948 814,794	15,860	15,392	58	65	82 893	2 149,028	21 557,587	10,031	9,563
9	16	98 984	56 158,689	888 991,930	15,830	15,361	59	66	81 524	1 984,538	19 408,560	9,780	9,311
10	17	98 959	52 718,161	832 833,241	15,798	15,329	60	67	80 078	1 830,363	17 424,021	9,519	9,051
11	18	98 933	49 487,506	780 115,080	15,764	15,295	61	68	78 514	1 685,090	15 593,658	9,254	8,785
12	19	98 902	46 452,474	730 627,574	15,728	15,260	62	69	76 871	1 549,132	13 908,568	8,978	8,510
13	20	98 870	43 603,407	684 175,100	15,691	15,222	63	70	75 094	1 420,945	12 359,436	8,698	8,229
14	21	98 841	40 929,944	640 571,694	15,650	15,182	64	71	73 222	1 300,965	10 938,491	8,408	7,939
15	22	98 803	38 417,228	599 641,750	15,609	15,140	65	72	71 206	1 187,941	9 637,526	8,113	7,644
16	23	98 761	36 057,022	561 224,521	15,565	15,096	66	73	69 012	1 081,060	8 449,585	7,816	7,347
17	24	98 709	33 838,621	525 167,499	15,520	15,051	67	74	66 685	980,854	7 368,526	7,512	7,044
18	25	98 653	31 755,283	491 328,878	15,472	15,004	68	75	64 217	886,910	6 387,671	7,202	6,733
19	26	98 576	29 793,956	459 573,595	15,425	14,956	69	76	61 553	798,223	5 500,761	6,891	6,423
20	27	98 496	27 952,820	429 779,639	15,375	14,906	70	77	58 696	714,715	4 702,539	6,580	6,111
21	28	98 412	26 224,329	401 826,819	15,323	14,854	71	78	55 652	636,291	3 987,823	6,267	5,799
22	29	98 331	24 603,505	375 602,490	15,266	14,797	72	79	52 411	562,665	3 351,532	5,957	5,488
23	30	98 248	23 082,480	350 998,985	15,206	14,738	73	80	48 975	493,692	2 788,868	5,649	5,180
24	31	98 167	21 655,809	327 916,505	15,142	14,673	74	81	45 349	429,239	2 295,175	5,347	4,878
25	32	98 078	20 315,752	306 260,696	15,075	14,606	75	82	41 549	369,264	1 865,937	5,053	4,584
26	33	97 986	19 057,915	285 944,944	15,004	14,535	76	83	37 630	314,021	1 496,672	4,766	4,297
27	34	97 891	17 877,357	266 887,029	14,929	14,460	77	84	33 631	263,526	1 182,651	4,488	4,019
28	35	97 789	16 768,818	249 009,672	14,850	14,381	78	85	29 595	217,748	919,125	4,221	3,752
29	36	97 687	15 728,906	232 240,853	14,765	14,296	79	86	25 565	176,614	701,378	3,971	3,503
30	37	97 579	14 752,542	216 511,947	14,676	14,208	80	87	21 695	140,731	524,764	3,729	3,260
31	38	97 463	13 835,659	201 759,405	14,583	14,114	81	88	17 903	109,046	384,033	3,522	3,053
32	39	97 333	12 973,946	187 923,746	14,485	14,016	82	89	14 485	82,841	274,987	3,319	2,851
33	40	97 192	12 164,454	174 949,800	14,382	13,913	83	90	11 434	61,403	192,146	3,129	2,661
34	41	97 052	11 405,591	162 785,346	14,272	13,804	84	91	8 860	44,677	130,743	2,926	2,458
35	42	96 893	10 691,930	151 379,755	14,158	13,690	85	92	6 592	31,208	86,066	2,758	2,289
36	43	96 718	10 021,194	140 687,824	14,039	13,570	86	93	4 743	21,085	54,858	2,602	2,133
37	44	96 527	9 391,065	130 666,631	13,914	13,445	87	94	3 289	13,729	33,773	2,460	1,991
38	45	96 323	8 799,230	121 275,566	13,783	13,314	88	95	2 186	8,569	20,044	2,339	1,870
39	46	96 089	8 242,130	112 476,335	13,647	13,178	89	96	1 403	5,162	11,475	2,223	1,754
40	47	95 827	7 718,016	104 234,206	13,505	13,037	90	97	863	2,981	6,312	2,117	1,649
41	48	95 531	7 224,523	96 516,190	13,360	12,891	91	98	513	1,664	3,331	2,002	1,533
42	49	95 212	6 760,963	89 291,667	13,207	12,738	92	99	287	0,876	1,667	1,903	1,434
43	50	94 860	6 324,825	82 530,704	13,049	12,580	93	100	152	0,435	0,791	1,820	1,351
44	51	94 456	5 913,532	76 205,880	12,887	12,418							
45	52	94 020	5 526,995	70 292,347	12,718	12,249							
46	53	93 534	5 162,812	64 765,352	12,545	12,076							
47	54	92 993	4 819,665	59 602,540	12,367	11,898							
48	55	92 410	4 497,134	54 782,875	12,182	11,713							
49	56	91 752	4 192,612	50 285,740	11,994	11,525							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 590 828,080	15,975	15,506	50	58	90 672	3 890,397	45 467,485	11,687	11,218
1	9	99 173	93 120,588	1 491 243,991	16,014	15,545	51	59	89 873	3 620,765	41 577,088	11,483	11,014
2	10	99 132	87 400,501	1 398 123,403	15,997	15,528	52	60	89 014	3 367,289	37 956,323	11,272	10,803
3	11	99 105	82 043,792	1 310 722,902	15,976	15,507	53	61	88 062	3 127,947	34 589,033	11,058	10,589
4	12	99 082	77 018,675	1 228 679,110	15,953	15,484	54	62	87 059	2 903,586	31 461,086	10,835	10,367
5	13	99 060	72 302,042	1 151 660,434	15,928	15,460	55	63	85 958	2 691,903	28 557,500	10,609	10,140
6	14	99 039	67 874,709	1 079 358,392	15,902	15,433	56	64	84 796	2 493,433	25 865,596	10,373	9,905
7	15	99 016	63 717,513	1 011 483,684	15,875	15,406	57	65	83 559	2 307,089	23 372,164	10,131	9,662
8	16	98 993	59 814,755	947 766,171	15,845	15,376	58	66	82 251	2 132,389	21 065,075	9,879	9,410
9	17	98 968	56 149,661	887 951,416	15,814	15,345	59	67	80 854	1 968,226	18 932,685	9,619	9,150
10	18	98 942	52 708,907	831 801,755	15,781	15,312	60	68	79 356	1 813,854	16 964,460	9,353	8,884
11	19	98 911	49 476,696	779 092,848	15,747	15,278	61	69	77 745	1 668,585	15 150,606	9,080	8,611
12	20	98 881	46 442,484	729 616,153	15,710	15,241	62	70	76 028	1 532,142	13 482,021	8,799	8,331
13	21	98 849	43 594,207	683 173,668	15,671	15,202	63	71	74 196	1 403,967	11 949,879	8,512	8,043
14	22	98 819	40 921,097	639 579,461	15,630	15,161	64	72	72 245	1 283,606	10 545,912	8,216	7,747
15	23	98 780	38 408,400	598 658,365	15,587	15,118	65	73	70 105	1 169,558	9 262,306	7,919	7,451
16	24	98 738	36 048,821	560 249,964	15,541	15,073	66	74	67 816	1 062,319	8 092,749	7,618	7,149
17	25	98 686	33 830,928	524 201,143	15,495	15,026	67	75	65 396	961,900	7 030,430	7,309	6,840
18	26	98 631	31 748,207	490 370,216	15,446	14,977	68	76	62 787	867,149	6 068,530	6,998	6,530
19	27	98 550	29 785,996	458 622,009	15,397	14,928	69	77	59 992	777,990	5 201,381	6,686	6,217
20	28	98 470	27 945,605	428 836,013	15,345	14,877	70	78	56 996	694,021	4 423,391	6,374	5,905
21	29	98 386	26 217,517	400 890,408	15,291	14,822	71	79	53 801	615,129	3 729,370	6,063	5,594
22	30	98 303	24 596,681	374 672,891	15,233	14,764	72	80	50 443	541,536	3 114,241	5,751	5,282
23	31	98 221	23 076,146	350 076,210	15,170	14,702	73	81	46 851	472,279	2 572,705	5,447	4,979
24	32	98 135	21 648,748	327 000,064	15,105	14,636	74	82	43 105	407,993	2 100,425	5,148	4,679
25	33	98 044	20 308,716	305 351,316	15,035	14,567	75	83	39 186	348,265	1 692,432	4,860	4,391
26	34	97 951	19 051,020	285 042,600	14,962	14,493	76	84	35 185	293,622	1 344,167	4,578	4,109
27	35	97 851	17 870,102	265 991,580	14,885	14,416	77	85	31 143	244,029	1 050,545	4,305	3,836
28	36	97 748	16 761,672	248 121,478	14,803	14,334	78	86	27 071	199,175	806,516	4,049	3,581
29	37	97 642	15 721,572	231 359,805	14,716	14,247	79	87	23 094	159,544	607,341	3,807	3,338
30	38	97 527	14 744,772	215 638,233	14,625	14,156	80	88	19 207	124,595	447,797	3,594	3,125
31	39	97 405	13 827,502	200 893,462	14,529	14,060	81	89	15 657	95,365	323,202	3,389	2,920
32	40	97 264	12 964,822	187 065,960	14,429	13,960	82	90	12 460	71,262	227,837	3,197	2,728
33	41	97 123	12 155,783	174 101,137	14,322	13,854	83	91	9 740	52,303	156,575	2,994	2,525
34	42	96 971	11 396,114	161 945,355	14,211	13,742	84	92	7 326	36,941	104,272	2,823	2,354
35	43	96 801	10 681,816	150 549,241	14,094	13,625	85	93	5 346	25,310	67,330	2,660	2,191
36	44	96 615	10 010,616	139 867,425	13,972	13,503	86	94	3 762	16,723	42,020	2,513	2,044
37	45	96 418	9 380,445	129 856,809	13,843	13,375	87	95	2 548	10,635	25,297	2,379	1,910
38	46	96 193	8 787,329	120 476,364	13,710	13,241	88	96	1 652	6,474	14,662	2,265	1,796
39	47	95 940	8 229,347	111 689,035	13,572	13,103	89	97	1 032	3,799	8,188	2,155	1,686
40	48	95 661	7 704,622	103 459,688	13,428	12,960	90	98	618	2,135	4,389	2,056	1,587
41	49	95 354	7 211,137	95 755,066	13,279	12,810	91	99	357	1,158	2,254	1,947	1,478
42	50	95 013	6 746,818	88 543,930	13,124	12,655	92	100	194	0,591	1,096	1,854	1,385
43	51	94 638	6 310,047	81 797,112	12,963	12,494							
44	52	94 221	5 898,803	75 487,065	12,797	12,328							
45	53	93 760	5 511,681	69 588,262	12,626	12,157							
46	54	93 249	5 147,121	64 076,581	12,449	11,980							
47	55	92 696	4 804,309	58 929,460	12,266	11,797							
48	56	92 077	4 480,956	54 125,150	12,079	11,610							
49	57	91 404	4 176,710	49 644,195	11,886	11,417							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 589 644,268	15,964	15,495	50	59	90 259	3 872,658	44 798,954	11,568	11,099
1	10	99 167	93 114,677	1 490 066,365	16,002	15,534	51	60	89 444	3 603,464	40 926,296	11,357	10,889
2	11	99 124	87 393,460	1 396 951,689	15,985	15,516	52	61	88 528	3 348,878	37 322,832	11,145	10,676
3	12	99 097	82 037,276	1 309 558,228	15,963	15,494	53	62	87 561	3 110,163	33 973,955	10,924	10,455
4	13	99 074	77 012,772	1 227 520,952	15,939	15,470	54	63	86 513	2 885,367	30 863,791	10,697	10,228
5	14	99 050	72 294,930	1 150 508,180	15,914	15,445	55	64	85 385	2 673,952	27 978,424	10,463	9,995
6	15	99 027	67 866,306	1 078 213,251	15,887	15,419	56	65	84 186	2 475,490	25 304,472	10,222	9,753
7	16	99 003	63 708,875	1 010 346,945	15,859	15,390	57	66	82 912	2 289,227	22 828,982	9,972	9,504
8	17	98 977	59 805,139	946 638,070	15,829	15,360	58	67	81 575	2 114,861	20 539,755	9,712	9,243
9	18	98 950	56 139,805	886 832,931	15,797	15,328	59	68	80 125	1 950,473	18 424,894	9,446	8,978
10	19	98 920	52 697,393	830 693,126	15,763	15,295	60	69	78 579	1 796,087	16 474,421	9,172	8,704
11	20	98 890	49 466,056	777 995,733	15,728	15,259	61	70	76 893	1 650,284	14 650,284	8,894	8,426
12	21	98 860	46 432,686	728 529,678	15,690	15,221	62	71	75 120	1 513,836	13 028,050	8,606	8,137
13	22	98 828	43 584,784	682 096,992	15,650	15,181	63	72	73 206	1 385,234	11 514,214	8,312	7,843
14	23	98 797	40 911,693	638 512,208	15,607	15,138	64	73	71 127	1 263,742	10 128,980	8,015	7,546
15	24	98 758	38 399,664	597 600,515	15,563	15,094	65	74	68 889	1 149,283	8 865,238	7,714	7,245
16	25	98 716	36 040,625	559 200,851	15,516	15,047	66	75	66 505	1 041,791	7 715,956	7,406	6,938
17	26	98 664	33 823,389	523 160,226	15,467	14,999	67	76	63 939	940,468	6 674,165	7,097	6,628
18	27	98 604	31 739,725	489 336,837	15,417	14,948	68	77	61 195	845,168	5 733,697	6,784	6,315
19	28	98 524	29 778,307	457 597,112	15,367	14,898	69	78	58 255	755,463	4 888,529	6,471	6,002
20	29	98 445	27 938,346	427 818,805	15,313	14,844	70	79	55 101	670,939	4 133,065	6,160	5,691
21	30	98 359	26 210,246	399 880,458	15,257	14,788	71	80	51 781	592,031	3 462,126	5,848	5,379
22	31	98 276	24 589,931	373 670,213	15,196	14,727	72	81	48 255	518,048	2 870,095	5,540	5,071
23	32	98 189	23 068,622	349 080,282	15,132	14,664	73	82	44 532	448,904	2 352,047	5,240	4,771
24	33	98 101	21 641,250	326 011,660	15,064	14,596	74	83	40 653	384,791	1 903,143	4,946	4,477
25	34	98 009	20 301,368	304 370,409	14,993	14,524	75	84	36 640	325,642	1 518,352	4,663	4,194
26	35	97 911	19 043,289	284 069,041	14,917	14,448	76	85	32 582	271,898	1 192,710	4,387	3,918
27	36	97 810	17 862,487	265 025,752	14,837	14,368	77	86	28 487	223,214	920,811	4,125	3,656
28	37	97 702	16 753,856	247 163,265	14,753	14,284	78	87	24 455	179,925	697,597	3,877	3,408
29	38	97 590	15 713,291	230 409,409	14,663	14,195	79	88	20 446	141,251	517,672	3,665	3,196
30	39	97 470	14 736,079	214 696,118	14,569	14,101	80	89	16 798	108,963	376,422	3,455	2,986
31	40	97 337	13 817,778	199 960,039	14,471	14,002	81	90	13 469	82,036	267,459	3,260	2,792
32	41	97 195	12 955,581	186 142,261	14,368	13,899	82	91	10 614	60,701	185,423	3,055	2,586
33	42	97 042	12 145,682	173 186,681	14,259	13,790	83	92	8 053	43,247	124,722	2,884	2,415
34	43	96 880	11 385,333	161 040,999	14,145	13,676	84	93	5 942	29,960	81,474	2,719	2,251
35	44	96 699	10 670,541	149 655,665	14,025	13,556	85	94	4 240	20,074	51,514	2,566	2,097
36	45	96 506	9 999,295	138 985,124	13,899	13,431	86	95	2 914	12,954	31,440	2,427	1,958
37	46	96 288	9 367,757	128 985,829	13,769	13,300	87	96	1 925	8,035	18,487	2,301	1,832
38	47	96 043	8 773,700	119 618,071	13,634	13,165	88	97	1 216	4,765	10,451	2,193	1,725
39	48	95 774	8 215,065	110 844,371	13,493	13,024	89	98	739	2,721	5,686	2,090	1,621
40	49	95 484	7 690,345	102 629,305	13,345	12,876	90	99	430	1,485	2,965	1,997	1,528
41	50	95 154	7 196,050	94 938,960	13,193	12,724	91	100	241	0,782	1,480	1,894	1,425
42	51	94 791	6 731,054	87 742,910	13,036	12,567							
43	52	94 402	6 294,330	81 011,855	12,871	12,402							
44	53	93 960	5 882,458	74 717,525	12,702	12,233							
45	54	93 475	5 494,930	68 835,067	12,527	12,058							
46	55	92 952	5 130,722	63 340,137	12,345	11,877							
47	56	92 363	4 787,026	58 209,415	12,160	11,691							
48	57	91 728	4 463,960	53 422,390	11,967	11,499							
49	58	91 027	4 159,475	48 958,430	11,770	11,302							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 588 369,782	15,952	15,483	50	60	89 828	3 854,153	44 086,198	11,439	10,970
1	11	99 159	93 107,175	1 488 798,200	15,990	15,521	51	61	88 955	3 583,760	40 232,045	11,226	10,757
2	12	99 116	87 386,519	1 395 691,025	15,971	15,503	52	62	88 024	3 329,838	36 648,285	11,006	10,537
3	13	99 089	82 030,988	1 308 304,506	15,949	15,480	53	63	87 012	3 090,648	33 318,447	10,780	10,312
4	14	99 065	77 005,196	1 226 273,518	15,925	15,456	54	64	85 936	2 866,125	30 227,799	10,547	10,078
5	15	99 038	72 285,980	1 149 268,322	15,899	15,430	55	65	84 771	2 654,711	27 361,674	10,307	9,838
6	16	99 013	67 857,106	1 076 982,342	15,871	15,403	56	66	83 534	2 456,324	24 706,963	10,059	9,590
7	17	98 987	63 698,633	1 009 125,236	15,842	15,373	57	67	82 230	2 270,410	22 250,639	9,800	9,332
8	18	98 960	59 794,641	945 426,603	15,811	15,342	58	68	80 840	2 095,786	19 980,229	9,534	9,065
9	19	98 929	56 127,542	885 631,962	15,779	15,310	59	69	79 340	1 931,368	17 884,443	9,260	8,791
10	20	98 899	52 686,060	829 504,421	15,744	15,276	60	70	77 717	1 776,388	15 953,075	8,981	8,512
11	21	98 869	49 455,619	776 818,360	15,707	15,239	61	71	75 974	1 630,566	14 176,687	8,694	8,226
12	22	98 838	46 422,649	727 362,742	15,668	15,200	62	72	74 117	1 493,637	12 546,121	8,400	7,931
13	23	98 805	43 574,768	680 940,092	15,627	15,158	63	73	72 073	1 363,797	11 052,484	8,104	7,635
14	24	98 774	40 902,388	637 365,324	15,583	15,114	64	74	69 894	1 241,835	9 688,687	7,802	7,333
15	25	98 735	38 390,934	596 462,936	15,537	15,068	65	75	67 558	1 127,074	8 446,853	7,494	7,026
16	26	98 694	36 032,594	558 072,002	15,488	15,019	66	76	65 023	1 018,578	7 319,779	7,186	6,718
17	27	98 638	33 814,353	522 039,409	15,438	14,970	67	77	62 319	916,629	6 301,200	6,874	6,406
18	28	98 579	31 731,532	488 225,056	15,386	14,917	68	78	59 423	820,697	5 384,571	6,561	6,092
19	29	98 499	29 770,573	456 493,524	15,334	14,865	69	79	56 318	730,338	4 563,874	6,249	5,780
20	30	98 418	27 930,597	426 722,951	15,278	14,809	70	80	53 031	645,745	3 833,536	5,937	5,468
21	31	98 332	26 203,053	398 792,354	15,219	14,751	71	81	49 535	566,352	3 187,791	5,629	5,160
22	32	98 244	24 581,914	372 589,301	15,157	14,688	72	82	45 867	492,407	2 621,438	5,324	4,855
23	33	98 155	23 060,632	348 007,388	15,091	14,622	73	83	42 000	423,375	2 129,031	5,029	4,560
24	34	98 065	21 633,421	324 946,755	15,021	14,552	74	84	38 013	359,796	1 705,656	4,741	4,272
25	35	97 969	20 293,130	303 313,335	14,947	14,478	75	85	33 930	301,549	1 345,860	4,463	3,994
26	36	97 869	19 035,174	283 020,205	14,868	14,400	76	86	29 803	248,707	1 044,311	4,199	3,730
27	37	97 764	17 854,157	263 985,031	14,786	14,317	77	87	25 733	201,641	795,604	3,946	3,477
28	38	97 651	16 745,032	246 130,874	14,699	14,230	78	88	21 651	159,294	593,963	3,729	3,260
29	39	97 533	15 704,027	229 385,842	14,607	14,138	79	89	17 881	123,529	434,669	3,519	3,050
30	40	97 401	14 725,715	213 681,815	14,511	14,042	80	90	14 450	93,733	311,140	3,319	2,851
31	41	97 267	13 807,928	198 956,100	14,409	13,940	81	91	11 473	69,878	217,407	3,111	2,642
32	42	97 114	12 944,815	185 148,171	14,303	13,834	82	92	8 776	50,191	147,528	2,939	2,471
33	43	96 950	12 134,193	172 203,356	14,192	13,723	83	93	6 531	35,074	97,337	2,775	2,306
34	44	96 777	11 373,316	160 069,164	14,074	13,605	84	94	4 712	23,762	62,263	2,620	2,152
35	45	96 590	10 658,475	148 695,848	13,951	13,482	85	95	3 284	15,550	38,501	2,476	2,007
36	46	96 376	9 985,771	138 037,373	13,823	13,355	86	96	2 202	9,787	22,951	2,345	1,876
37	47	96 138	9 353,229	128 051,602	13,691	13,222	87	97	1 417	5,914	13,164	2,226	1,757
38	48	95 877	8 758,474	118 698,374	13,552	13,084	88	98	871	3,412	7,250	2,125	1,656
39	49	95 596	8 199,843	109 939,899	13,408	12,939	89	99	514	1,893	3,838	2,028	1,559
40	50	95 284	7 674,257	101 740,056	13,257	12,789	90	100	290	1,003	1,945	1,940	1,471
41	51	94 932	7 179,237	94 065,799	13,102	12,634							
42	52	94 555	6 714,289	86 886,562	12,941	12,472							
43	53	94 141	6 276,889	80 172,273	12,773	12,304							
44	54	93 674	5 864,581	73 895,384	12,600	12,132							
45	55	93 177	5 477,422	68 030,804	12,420	11,951							
46	56	92 618	5 112,264	62 553,381	12,236	11,767							
47	57	92 013	4 768,869	57 441,118	12,045	11,576							
48	58	91 349	4 445,541	52 672,249	11,848	11,380							
49	59	90 612	4 140,510	48 226,708	11,648	11,179							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 586 998,607	15,940	15,471	50	61	89 336	3 833,079	43 326,955	11,303	10,835
1	12	99 151	93 099,781	1 487 435,047	15,977	15,508	51	62	88 449	3 563,385	39 493,876	11,083	10,615
2	13	99 108	87 379,821	1 394 335,267	15,957	15,488	52	63	87 472	3 308,944	35 930,491	10,859	10,390
3	14	99 080	82 022,918	1 306 955,446	15,934	15,465	53	64	86 432	3 070,037	32 621,547	10,626	10,157
4	15	99 052	76 995,663	1 224 932,527	15,909	15,440	54	65	85 317	2 845,501	29 551,510	10,385	9,917
5	16	99 025	72 276,181	1 147 936,864	15,883	15,414	55	66	84 114	2 634,157	26 706,008	10,138	9,670
6	17	98 997	67 846,197	1 075 660,684	15,854	15,386	56	67	82 847	2 436,134	24 071,852	9,881	9,412
7	18	98 969	63 687,452	1 007 814,487	15,824	15,356	57	68	81 489	2 249,932	21 635,718	9,616	9,147
8	19	98 938	59 781,579	944 127,035	15,793	15,324	58	69	80 048	2 075,258	19 385,786	9,341	8,873
9	20	98 907	56 115,471	884 345,455	15,759	15,291	59	70	78 470	1 910,186	17 310,529	9,062	8,593
10	21	98 878	52 674,944	828 229,984	15,723	15,255	60	71	76 788	1 755,163	15 400,343	8,774	8,306
11	22	98 848	49 444,929	775 555,040	15,685	15,216	61	72	74 960	1 608,810	13 645,180	8,482	8,013
12	23	98 816	46 411,982	726 110,111	15,645	15,176	62	73	72 971	1 470,522	12 036,371	8,185	7,716
13	24	98 783	43 564,857	679 698,130	15,602	15,133	63	74	70 824	1 340,155	10 565,848	7,884	7,415
14	25	98 752	40 893,088	636 133,272	15,556	15,087	64	75	68 543	1 217,837	9 225,693	7,575	7,107
15	26	98 713	38 382,379	595 240,184	15,508	15,039	65	76	66 053	1 101,961	8 007,856	7,267	6,798
16	27	98 667	36 022,967	556 857,805	15,458	14,990	66	77	63 375	992,760	6 905,894	6,956	6,488
17	28	98 613	33 805,624	520 834,838	15,407	14,938	67	78	60 514	890,089	5 913,135	6,643	6,175
18	29	98 553	31 723,290	487 029,214	15,352	14,884	68	79	57 447	793,402	5 023,046	6,331	5,862
19	30	98 471	29 762,316	455 305,924	15,298	14,829	69	80	54 203	702,914	4 229,643	6,017	5,549
20	31	98 391	27 922,932	425 543,608	15,240	14,771	70	81	50 731	617,737	3 526,730	5,709	5,240
21	32	98 300	26 194,510	397 620,676	15,180	14,711	71	82	47 083	538,320	2 908,993	5,404	4,935
22	33	98 210	24 573,400	371 426,167	15,115	14,646	72	83	43 258	464,405	2 370,672	5,105	4,636
23	34	98 119	23 052,289	346 852,767	15,046	14,578	73	84	39 272	395,873	1 906,268	4,815	4,347
24	35	98 026	21 624,641	323 800,477	14,974	14,505	74	85	35 200	333,176	1 510,394	4,533	4,065
25	36	97 927	20 284,482	302 175,836	14,897	14,428	75	86	31 036	275,828	1 177,218	4,268	3,799
26	37	97 824	19 026,297	281 891,354	14,816	14,347	76	87	26 922	224,670	901,390	4,012	3,543
27	38	97 712	17 844,753	262 865,057	14,731	14,262	77	88	22 783	178,521	676,720	3,791	3,322
28	39	97 593	16 735,160	245 020,304	14,641	14,172	78	89	18 934	139,309	498,200	3,576	3,107
29	40	97 464	15 692,983	228 285,144	14,547	14,078	79	90	15 382	106,264	358,891	3,377	2,909
30	41	97 332	14 715,219	212 592,161	14,447	13,978	80	91	12 308	79,842	252,627	3,164	2,695
31	42	97 186	13 796,454	197 876,942	14,343	13,874	81	92	9 486	57,779	172,785	2,990	2,522
32	43	97 022	12 932,570	184 080,488	14,234	13,765	82	93	7 117	40,706	115,006	2,825	2,357
33	44	96 848	12 121,384	171 147,918	14,120	13,651	83	94	5 180	27,818	74,300	2,671	2,202
34	45	96 668	11 360,454	159 026,533	13,998	13,530	84	95	3 650	18,406	46,481	2,525	2,057
35	46	96 459	10 644,058	147 666,079	13,873	13,404	85	96	2 481	11,748	28,075	2,390	1,921
36	47	96 226	9 970,284	137 022,020	13,743	13,274	86	97	1 620	7,203	16,327	2,267	1,798
37	48	95 972	9 336,997	127 051,737	13,607	13,139	87	98	1 014	4,235	9,124	2,154	1,686
38	49	95 699	8 742,245	117 714,740	13,465	12,996	88	99	606	2,374	4,889	2,059	1,591
39	50	95 396	8 182,689	108 972,494	13,317	12,849	89	100	347	1,278	2,515	1,968	1,499
40	51	95 062	7 656,326	100 789,806	13,164	12,696							
41	52	94 695	7 161,355	93 133,480	13,005	12,536							
42	53	94 293	6 695,685	85 972,125	12,840	12,371							
43	54	93 855	6 257,813	79 276,440	12,668	12,200							
44	55	93 376	5 845,895	73 018,627	12,491	12,022							
45	56	92 842	5 457,717	67 172,732	12,308	11,839							
46	57	92 267	5 092,874	61 715,015	12,118	11,649							
47	58	91 633	4 749,191	56 622,142	11,922	11,454							
48	59	90 933	4 425,270	51 872,950	11,722	11,253							
49	60	90 179	4 120,725	47 447,680	11,514	11,046							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 585 526,078	15,926	15,457	50	62	88 828	3 811,286	42 520,810	11,157	10,688
1	13	99 144	93 092,644	1 485 970,426	15,962	15,494	51	63	87 894	3 541,025	38 709,523	10,932	10,463
2	14	99 099	87 371,225	1 392 877,782	15,942	15,473	52	64	86 889	3 286,877	35 168,498	10,700	10,231
3	15	99 067	82 012,764	1 305 506,556	15,918	15,450	53	65	85 810	3 047,946	31 881,620	10,460	9,991
4	16	99 039	76 985,225	1 223 493,792	15,893	15,424	54	66	84 657	2 823,470	28 833,674	10,212	9,743
5	17	99 009	72 264,561	1 146 508,567	15,865	15,397	55	67	83 423	2 612,505	26 010,204	9,956	9,487
6	18	98 980	67 834,288	1 074 244,005	15,836	15,368	56	68	82 100	2 414,161	23 397,699	9,692	9,223
7	19	98 948	63 673,840	1 006 409,718	15,806	15,337	57	69	80 690	2 227,893	20 983,539	9,419	8,950
8	20	98 917	59 768,723	942 736,178	15,773	15,304	58	70	79 170	2 052,497	18 755,645	9,138	8,669
9	21	98 887	56 103,631	882 967,455	15,738	15,269	59	71	77 532	1 887,362	16 703,149	8,850	8,381
10	22	98 857	52 663,558	826 863,823	15,701	15,232	60	72	75 764	1 731,744	14 815,786	8,555	8,087
11	23	98 825	49 433,567	774 200,265	15,661	15,193	61	73	73 800	1 583,913	13 084,042	8,261	7,792
12	24	98 793	46 401,425	724 766,698	15,619	15,151	62	74	71 706	1 445,030	11 500,129	7,958	7,490
13	25	98 760	43 554,953	678 365,273	15,575	15,106	63	75	69 455	1 314,258	10 055,099	7,651	7,182
14	26	98 730	40 883,976	634 810,321	15,527	15,058	64	76	67 016	1 190,703	8 740,841	7,341	6,872
15	27	98 687	38 372,124	593 926,345	15,478	15,009	65	77	64 378	1 074,029	7 550,139	7,030	6,561
16	28	98 642	36 013,669	555 554,220	15,426	14,957	66	78	61 540	964,015	6 476,110	6,718	6,249
17	29	98 587	33 796,844	519 540,552	15,372	14,904	67	79	58 502	860,486	5 512,094	6,406	5,937
18	30	98 526	31 714,491	485 743,708	15,316	14,847	68	80	55 290	763,610	4 651,608	6,092	5,623
19	31	98 444	29 754,148	454 029,217	15,259	14,791	69	81	51 852	672,426	3 887,999	5,782	5,313
20	32	98 358	27 913,828	424 275,069	15,199	14,731	70	82	48 220	587,162	3 215,573	5,476	5,008
21	33	98 266	26 185,437	396 361,241	15,137	14,668	71	83	44 405	507,707	2 628,411	5,177	4,708
22	34	98 175	24 564,509	370 175,803	15,070	14,601	72	84	40 448	434,238	2 120,704	4,884	4,415
23	35	98 080	23 042,934	345 611,294	14,999	14,530	73	85	36 366	366,584	1 686,466	4,600	4,132
24	36	97 984	21 615,426	322 568,360	14,923	14,454	74	86	32 198	304,758	1 319,882	4,331	3,862
25	37	97 882	20 275,023	300 952,934	14,844	14,375	75	87	28 036	249,170	1 015,124	4,074	3,605
26	38	97 772	19 016,276	280 677,911	14,760	14,291	76	88	23 835	198,909	765,954	3,851	3,382
27	39	97 655	17 834,233	261 661,635	14,672	14,203	77	89	19 924	156,123	567,046	3,632	3,163
28	40	97 524	16 723,390	243 827,402	14,580	14,111	78	90	16 288	119,838	410,923	3,429	2,960
29	41	97 395	15 681,797	227 104,012	14,482	14,013	79	91	13 102	90,516	291,085	3,216	2,747
30	42	97 251	14 702,991	211 422,215	14,380	13,911	80	92	10 177	66,018	200,569	3,038	2,569
31	43	97 094	13 783,404	196 719,224	14,272	13,803	81	93	7 693	46,860	134,551	2,871	2,403
32	44	96 920	12 918,919	182 935,820	14,160	13,692	82	94	5 645	32,285	87,691	2,716	2,247
33	45	96 738	12 107,677	170 016,901	14,042	13,573	83	95	4 013	21,548	55,406	2,571	2,103
34	46	96 537	11 345,089	157 909,224	13,919	13,450	84	96	2 758	13,907	33,858	2,435	1,966
35	47	96 310	10 627,550	146 564,135	13,791	13,322	85	97	1 826	8,647	19,952	2,307	1,839
36	48	96 059	9 952,981	135 936,585	13,658	13,189	86	98	1 160	5,158	11,305	2,192	1,723
37	49	95 794	9 319,696	125 983,604	13,518	13,049	87	99	706	2,946	6,147	2,086	1,618
38	50	95 499	8 723,956	116 663,908	13,373	12,904	88	100	409	1,603	3,201	1,997	1,528
39	51	95 173	8 163,570	107 939,952	13,222	12,753							
40	52	94 825	7 637,256	99 776,382	13,064	12,596							
41	53	94 433	7 141,512	92 139,126	12,902	12,433							
42	54	94 006	6 675,335	84 997,614	12,733	12,264							
43	55	93 556	6 237,874	78 322,279	12,556	12,087							
44	56	93 040	5 824,864	72 084,404	12,375	11,907							
45	57	92 490	5 437,016	66 259,540	12,187	11,718							
46	58	91 886	5 071,859	60 822,523	11,992	11,523							
47	59	91 215	4 727,537	55 750,665	11,793	11,324							
48	60	90 498	4 404,125	51 023,128	11,585	11,117							
49	61	89 686	4 098,193	46 619,003	11,376	10,907							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 583 945,358	15,911	15,443	50	63	88 271	3 787,371	41 665,415	11,001	10,532
1	14	99 134	93 083,487	1 484 397,337	15,947	15,478	51	64	87 308	3 517,412	37 878,044	10,769	10,300
2	15	99 086	87 360,409	1 391 313,851	15,926	15,457	52	65	86 263	3 263,226	34 360,632	10,530	10,061
3	16	99 054	82 001,646	1 303 953,441	15,902	15,433	53	66	85 145	3 024,348	31 097,406	10,282	9,814
4	17	99 023	76 972,849	1 221 951,795	15,875	15,406	54	67	83 961	2 800,262	28 073,059	10,025	9,556
5	18	98 991	72 251,876	1 144 978,946	15,847	15,378	55	68	82 670	2 588,941	25 272,797	9,762	9,293
6	19	98 958	67 819,470	1 072 727,070	15,817	15,349	56	69	81 296	2 390,514	22 683,856	9,489	9,020
7	20	98 927	63 659,847	1 004 907,600	15,786	15,317	57	70	79 805	2 203,458	20 293,342	9,210	8,741
8	21	98 896	59 756,113	941 247,753	15,751	15,283	58	71	78 224	2 027,973	18 089,884	8,920	8,451
9	22	98 865	56 091,505	881 491,640	15,715	15,247	59	72	76 498	1 862,179	16 061,911	8,625	8,157
10	23	98 834	52 651,457	825 400,136	15,677	15,208	60	73	74 591	1 704,945	14 199,731	8,329	7,860
11	24	98 803	49 422,323	772 748,679	15,636	15,167	61	74	72 521	1 556,455	12 494,786	8,028	7,559
12	25	98 771	46 390,875	723 326,356	15,592	15,123	62	75	70 320	1 417,106	10 938,331	7,719	7,250
13	26	98 738	43 545,247	676 935,481	15,546	15,077	63	76	67 908	1 284,975	9 521,225	7,410	6,941
14	27	98 703	40 873,053	633 390,234	15,497	15,028	64	77	65 317	1 160,521	8 236,250	7,097	6,628
15	28	98 662	38 362,219	592 517,181	15,445	14,977	65	78	62 514	1 042,932	7 075,729	6,784	6,316
16	29	98 616	36 004,315	554 154,961	15,391	14,923	66	79	59 493	931,954	6 032,798	6,473	6,005
17	30	98 560	33 787,470	518 150,647	15,336	14,867	67	80	56 305	828,174	5 100,844	6,159	5,690
18	31	98 499	31 705,787	484 363,177	15,277	14,808	68	81	52 892	730,489	4 272,670	5,849	5,380
19	32	98 412	29 744,447	452 657,390	15,218	14,749	69	82	49 286	639,144	3 542,180	5,542	5,073
20	33	98 324	27 904,161	422 912,942	15,156	14,687	70	83	45 478	553,771	2 903,036	5,242	4,774
21	34	98 230	26 175,964	395 008,782	15,091	14,622	71	84	41 521	474,727	2 349,265	4,949	4,480
22	35	98 135	24 554,541	368 832,818	15,021	14,552	72	85	37 456	402,110	1 874,538	4,662	4,193
23	36	98 038	23 033,114	344 278,277	14,947	14,478	73	86	33 264	335,316	1 472,428	4,391	3,922
24	37	97 938	21 605,346	321 245,163	14,869	14,400	74	87	29 086	275,303	1 137,112	4,130	3,662
25	38	97 830	20 264,344	299 639,817	14,787	14,318	75	88	24 821	220,600	861,809	3,907	3,438
26	39	97 715	19 005,065	279 375,473	14,700	14,231	76	89	20 845	173,953	641,209	3,686	3,217
27	40	97 586	17 821,691	260 370,408	14,610	14,141	77	90	17 140	134,302	467,256	3,479	3,010
28	41	97 455	16 711,470	242 548,718	14,514	14,045	78	91	13 874	102,078	332,954	3,262	2,793
29	42	97 314	15 668,766	225 837,248	14,413	13,944	79	92	10 834	74,843	230,875	3,085	2,616
30	43	97 159	14 689,083	210 168,482	14,308	13,839	80	93	8 254	53,542	156,032	2,914	2,445
31	44	96 992	13 768,855	195 479,399	14,197	13,728	81	94	6 102	37,166	102,490	2,758	2,289
32	45	96 810	12 904,310	181 710,544	14,081	13,613	82	95	4 373	25,008	65,325	2,612	2,143
33	46	96 607	12 091,301	168 806,234	13,961	13,492	83	96	3 032	16,281	40,317	2,476	2,008
34	47	96 387	11 327,493	156 714,933	13,835	13,366	84	97	2 030	10,235	24,036	2,348	1,880
35	48	96 142	10 609,107	145 387,440	13,704	13,235	85	98	1 308	6,192	13,801	2,229	1,760
36	49	95 881	9 934,539	134 778,333	13,567	13,098	86	99	807	3,588	7,609	2,120	1,652
37	50	95 593	9 300,199	124 843,794	13,424	12,955	87	100	476	1,989	4,021	2,021	1,553
38	51	95 276	8 703,573	115 543,596	13,275	12,807							
39	52	94 936	8 143,236	106 840,023	13,120	12,651							
40	53	94 562	7 616,094	98 696,787	12,959	12,490							
41	54	94 146	7 119,808	91 080,692	12,793	12,324							
42	55	93 707	6 654,067	83 960,885	12,618	12,149							
43	56	93 219	6 215,433	77 306,818	12,438	11,969							
44	57	92 687	5 802,771	71 091,385	12,251	11,783							
45	58	92 108	5 414,582	65 288,613	12,058	11,589							
46	59	91 467	5 048,733	59 874,032	11,859	11,390							
47	60	90 779	4 704,947	54 825,299	11,653	11,184							
48	61	90 004	4 380,044	50 120,352	11,443	10,974							
49	62	89 176	4 074,893	45 740,308	11,225	10,756							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 582 249,038	15,896	15,427	50	64	87 682	3 762,115	40 759,827	10,834	10,366
1	15	99 122	93 071,963	1 482 710,809	15,931	15,462	51	65	86 680	3 492,101	36 997,712	10,595	10,126
2	16	99 073	87 348,567	1 389 638,846	15,909	15,440	52	66	85 596	3 237,960	33 505,611	10,348	9,879
3	17	99 038	81 988,464	1 302 290,279	15,884	15,415	53	67	84 445	2 999,488	30 267,651	10,091	9,622
4	18	99 006	76 959,337	1 220 301,815	15,856	15,388	54	68	83 204	2 775,005	27 268,163	9,826	9,358
5	19	98 970	72 236,094	1 143 342,478	15,828	15,359	55	69	81 861	2 563,582	24 493,158	9,554	9,086
6	20	98 937	67 804,885	1 071 106,384	15,797	15,328	56	70	80 404	2 364,295	21 929,576	9,275	8,807
7	21	98 906	63 646,415	1 003 301,499	15,764	15,295	57	71	78 852	2 177,131	19 565,281	8,987	8,518
8	22	98 875	59 743,196	939 655,084	15,728	15,259	58	72	77 180	2 000,914	17 388,150	8,690	8,221
9	23	98 843	56 078,615	879 911,888	15,691	15,222	59	73	75 314	1 833,362	15 387,236	8,393	7,924
10	24	98 812	52 639,481	823 833,272	15,650	15,182	60	74	73 298	1 675,389	13 553,874	8,090	7,621
11	25	98 780	49 411,087	771 193,792	15,608	15,139	61	75	71 119	1 526,378	11 878,485	7,782	7,313
12	26	98 749	46 380,538	721 782,705	15,562	15,093	62	76	68 753	1 385,532	10 352,107	7,472	7,003
13	27	98 712	43 533,613	675 402,167	15,514	15,046	63	77	66 187	1 252,403	8 966,575	7,159	6,691
14	28	98 678	40 862,503	631 868,554	15,463	14,995	64	78	63 426	1 126,919	7 714,172	6,845	6,377
15	29	98 636	38 352,255	591 006,052	15,410	14,941	65	79	60 435	1 008,246	6 587,253	6,533	6,065
16	30	98 589	35 994,328	552 653,796	15,354	14,885	66	80	57 259	896,958	5 579,008	6,220	5,751
17	31	98 533	33 778,197	516 659,468	15,296	14,827	67	81	53 863	792,254	4 682,049	5,910	5,441
18	32	98 467	31 695,451	482 881,271	15,235	14,766	68	82	50 274	694,333	3 889,795	5,602	5,133
19	33	98 378	29 734,145	451 185,820	15,174	14,705	69	83	46 483	602,797	3 195,462	5,301	4,832
20	34	98 289	27 894,065	421 451,675	15,109	14,640	70	84	42 524	517,799	2 592,665	5,007	4,538
21	35	98 190	26 165,341	393 557,610	15,041	14,572	71	85	38 449	439,604	2 074,867	4,720	4,251
22	36	98 093	24 544,077	367 392,269	14,969	14,500	72	86	34 261	367,812	1 635,263	4,446	3,977
23	37	97 992	23 022,374	342 848,192	14,892	14,423	73	87	30 049	302,909	1 267,451	4,184	3,716
24	38	97 887	21 593,967	319 825,819	14,811	14,342	74	88	25 751	243,736	964,542	3,957	3,489
25	39	97 772	20 252,397	298 231,852	14,726	14,257	75	89	21 707	192,923	720,806	3,736	3,267
26	40	97 646	18 991,699	277 979,455	14,637	14,168	76	90	17 932	149,640	527,883	3,528	3,059
27	41	97 517	17 808,987	258 987,756	14,543	14,074	77	91	14 600	114,399	378,243	3,306	2,838
28	42	97 374	16 697,583	241 178,769	14,444	13,975	78	92	11 472	84,404	263,844	3,126	2,657
29	43	97 222	15 653,944	224 481,185	14,340	13,871	79	93	8 786	60,699	179,440	2,956	2,487
30	44	97 056	14 673,578	208 827,241	14,232	13,763	80	94	6 546	42,465	118,741	2,796	2,327
31	45	96 882	13 753,284	194 153,664	14,117	13,648	81	95	4 727	28,789	76,276	2,650	2,181
32	46	96 680	12 886,856	180 400,379	13,999	13,530	82	96	3 304	18,895	47,487	2,513	2,044
33	47	96 458	12 072,548	167 513,523	13,876	13,407	83	97	2 231	11,983	28,592	2,386	1,917
34	48	96 220	11 307,836	155 440,975	13,746	13,278	84	98	1 453	7,329	16,609	2,266	1,798
35	49	95 964	10 589,449	144 133,139	13,611	13,142	85	99	910	4,308	9,280	2,154	1,686
36	50	95 681	9 913,755	133 543,690	13,471	13,002	86	100	545	2,423	4,973	2,053	1,584
37	51	95 370	9 278,469	123 629,936	13,324	12,856							
38	52	95 039	8 681,894	114 351,467	13,171	12,703							
39	53	94 673	8 120,673	105 669,573	13,012	12,544							
40	54	94 275	7 592,947	97 548,900	12,847	12,379							
41	55	93 846	7 097,123	89 955,952	12,675	12,206							
42	56	93 370	6 630,128	82 858,829	12,497	12,029							
43	57	92 865	6 191,859	76 228,701	12,311	11,842							
44	58	92 304	5 778,827	70 036,842	12,120	11,651							
45	59	91 688	5 389,893	64 258,015	11,922	11,453							
46	60	91 030	5 024,608	58 868,122	11,716	11,247							
47	61	90 283	4 679,221	53 843,513	11,507	11,038							
48	62	89 492	4 355,141	49 164,292	11,289	10,820							
49	63	88 616	4 049,324	44 809,151	11,066	10,597							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 580 431,873	15,880	15,411	50	65	87 051	3 735,043	39 802,266	10,656	10,188
1	16	99 108	93 059,346	1 480 905,967	15,914	15,445	51	66	86 008	3 465,064	36 067,223	10,409	9,940
2	17	99 057	87 334,524	1 387 846,620	15,891	15,422	52	67	84 892	3 211,345	32 602,159	10,152	9,683
3	18	99 021	81 974,072	1 300 512,096	15,865	15,396	53	68	83 684	2 972,434	29 390,814	9,888	9,419
4	19	98 984	76 942,527	1 218 538,025	15,837	15,368	54	69	82 389	2 747,823	26 418,380	9,614	9,146
5	20	98 948	72 220,559	1 141 595,498	15,807	15,338	55	70	80 963	2 535,465	23 670,557	9,336	8,867
6	21	98 916	67 790,579	1 069 374,939	15,775	15,306	56	71	79 444	2 336,046	21 135,092	9,047	8,579
7	22	98 884	63 632,658	1 001 584,360	15,740	15,271	57	72	77 800	2 148,082	18 799,046	8,752	8,283
8	23	98 852	59 729,468	937 951,702	15,703	15,235	58	73	75 986	1 969,950	16 650,964	8,452	7,984
9	24	98 820	56 065,860	878 222,234	15,664	15,195	59	74	74 008	1 801,580	14 681,015	8,149	7,680
10	25	98 789	52 627,513	822 156,374	15,622	15,153	60	75	71 882	1 643,014	12 879,435	7,839	7,370
11	26	98 758	49 400,076	769 528,861	15,577	15,109	61	76	69 535	1 492,369	11 236,421	7,529	7,061
12	27	98 722	46 368,147	720 128,786	15,531	15,062	62	77	67 010	1 350,412	9 744,053	7,216	6,747
13	28	98 686	43 522,376	673 760,639	15,481	15,012	63	78	64 270	1 216,141	8 393,641	6,902	6,433
14	29	98 652	40 851,889	630 238,263	15,427	14,959	64	79	61 317	1 089,440	7 177,500	6,588	6,120
15	30	98 609	38 341,618	589 386,374	15,372	14,903	65	80	58 166	970,385	6 088,060	6,274	5,805
16	31	98 562	35 984,450	551 044,756	15,313	14,845	66	81	54 776	858,054	5 117,675	5,964	5,496
17	32	98 500	33 767,184	515 060,306	15,253	14,785	67	82	51 197	753,041	4 259,621	5,657	5,188
18	33	98 433	31 684,473	481 293,121	15,190	14,721	68	83	47 415	654,848	3 506,580	5,355	4,886
19	34	98 342	29 723,388	449 608,648	15,126	14,658	69	84	43 463	563,640	2 851,732	5,059	4,591
20	35	98 249	27 882,745	419 885,260	15,059	14,590	70	85	39 378	479,489	2 288,092	4,772	4,303
21	36	98 148	26 154,190	392 002,515	14,988	14,519	71	86	35 169	402,108	1 808,603	4,498	4,029
22	37	98 047	24 532,631	365 848,325	14,913	14,444	72	87	30 950	332,264	1 406,496	4,233	3,764
23	38	97 940	23 010,248	341 315,694	14,833	14,364	73	88	26 604	268,177	1 074,232	4,006	3,537
24	39	97 829	21 581,236	318 305,446	14,749	14,280	74	89	22 520	213,157	806,055	3,782	3,313
25	40	97 704	20 238,154	296 724,210	14,662	14,193	75	90	18 673	165,958	592,899	3,573	3,104
26	41	97 576	18 978,162	276 486,056	14,569	14,100	76	91	15 274	127,464	426,940	3,350	2,881
27	42	97 436	17 794,188	257 507,894	14,471	14,003	77	92	12 072	94,591	299,477	3,166	2,697
28	43	97 282	16 681,788	239 713,706	14,370	13,901	78	93	9 304	68,453	204,885	2,993	2,524
29	44	97 119	15 637,421	223 031,918	14,263	13,794	79	94	6 969	48,142	136,432	2,834	2,365
30	45	96 947	14 656,985	207 394,497	14,150	13,681	80	95	5 071	32,894	88,290	2,684	2,215
31	46	96 751	13 734,682	192 737,512	14,033	13,564	81	96	3 571	21,751	55,397	2,547	2,078
32	47	96 530	12 866,870	179 002,830	13,912	13,443	82	97	2 432	13,907	33,646	2,419	1,951
33	48	96 290	12 051,597	166 135,960	13,785	13,317	83	98	1 598	8,580	19,739	2,301	1,832
34	49	96 042	11 286,883	154 084,363	13,652	13,183	84	99	1 011	5,099	11,159	2,188	1,720
35	50	95 764	10 567,295	142 797,481	13,513	13,044	85	100	614	2,908	6,060	2,084	1,615
36	51	95 457	9 890,592	132 230,186	13,369	12,901							
37	52	95 132	9 255,358	122 339,594	13,218	12,750							
38	53	94 775	8 657,838	113 084,236	13,061	12,593							
39	54	94 385	8 095,993	104 426,398	12,899	12,430							
40	55	93 974	7 568,755	96 330,405	12,727	12,259							
41	56	93 508	7 071,591	88 761,650	12,552	12,083							
42	57	93 015	6 604,981	81 690,059	12,368	11,899							
43	58	92 482	6 166,310	75 085,078	12,177	11,708							
44	59	91 884	5 752,478	68 918,769	11,981	11,512							
45	60	91 250	5 364,138	63 166,291	11,776	11,307							
46	61	90 532	4 997,134	57 802,152	11,567	11,098							
47	62	89 770	4 652,617	52 805,018	11,350	10,881							
48	63	88 930	4 327,814	48 152,401	11,126	10,658							
49	64	88 025	4 022,321	43 824,587	10,895	10,427							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 578 488,723	15,862	15,393	50	66	86 377	3 706,125	38 791,392	10,467	9,998
1	17	99 092	93 044,386	1 478 976,309	15,895	15,427	51	67	85 301	3 436,582	35 085,267	10,209	9,741
2	18	99 040	87 319,194	1 385 931,923	15,872	15,403	52	68	84 126	3 182,380	31 648,685	9,945	9,476
3	19	98 999	81 956,165	1 298 612,729	15,845	15,376	53	69	82 864	2 943,318	28 466,305	9,672	9,203
4	20	98 963	76 925,980	1 216 656,564	15,816	15,347	54	70	81 485	2 717,686	25 522,987	9,391	8,923
5	21	98 928	72 205,321	1 139 730,584	15,785	15,316	55	71	79 996	2 505,171	22 805,301	9,103	8,635
6	22	98 895	67 775,926	1 067 525,263	15,751	15,282	56	72	78 384	2 304,876	20 300,130	8,807	8,339
7	23	98 862	63 618,036	999 749,337	15,715	15,246	57	73	76 596	2 114,840	17 995,253	8,509	8,040
8	24	98 830	59 715,882	936 131,301	15,676	15,208	58	74	74 669	1 935,800	15 880,414	8,204	7,735
9	25	98 798	56 053,113	876 415,419	15,635	15,167	59	75	72 578	1 766,766	13 944,614	7,893	7,424
10	26	98 767	52 615,785	820 362,306	15,592	15,123	60	76	70 280	1 606,406	12 177,848	7,581	7,112
11	27	98 732	49 386,878	767 746,521	15,546	15,077	61	77	67 772	1 454,541	10 571,443	7,268	6,799
12	28	98 697	46 356,178	718 359,643	15,497	15,028	62	78	65 070	1 311,311	9 116,902	6,953	6,484
13	29	98 661	43 511,071	672 003,465	15,444	14,976	63	79	62 133	1 175,694	7 805,591	6,639	6,170
14	30	98 625	40 840,559	628 492,394	15,389	14,920	64	80	59 014	1 048,531	6 629,896	6,323	5,854
15	31	98 581	38 331,096	587 651,835	15,331	14,862	65	81	55 643	928,297	5 581,366	6,012	5,544
16	32	98 530	35 972,718	549 320,739	15,270	14,802	66	82	52 065	815,584	4 653,069	5,705	5,236
17	33	98 466	33 755,489	513 348,021	15,208	14,739	67	83	48 285	710,217	3 837,485	5,403	4,935
18	34	98 397	31 673,010	479 592,532	15,142	14,673	68	84	44 335	612,310	3 127,268	5,107	4,639
19	35	98 303	29 711,326	447 919,522	15,076	14,607	69	85	40 248	521,938	2 514,958	4,818	4,350
20	36	98 207	27 870,863	418 208,196	15,005	14,536	70	86	36 019	438,591	1 993,020	4,544	4,075
21	37	98 103	26 141,994	390 337,334	14,931	14,463	71	87	31 770	363,245	1 554,429	4,279	3,811
22	38	97 996	24 519,710	364 195,339	14,853	14,384	72	88	27 401	294,166	1 191,184	4,049	3,581
23	39	97 883	22 996,682	339 675,629	14,771	14,302	73	89	23 266	234,531	897,019	3,825	3,356
24	40	97 760	21 566,058	316 678,948	14,684	14,215	74	90	19 372	183,364	662,488	3,613	3,144
25	41	97 634	20 223,728	295 112,889	14,592	14,124	75	91	15 906	141,364	479,124	3,389	2,921
26	42	97 495	18 962,391	274 889,161	14,497	14,028	76	92	12 630	105,394	337,760	3,205	2,736
27	43	97 343	17 777,356	255 926,770	14,396	13,927	77	93	9 790	76,715	232,366	3,029	2,560
28	44	97 179	16 664,180	238 149,413	14,291	13,822	78	94	7 379	54,291	155,651	2,867	2,398
29	45	97 009	15 619,738	221 485,234	14,180	13,711	79	95	5 398	37,291	101,359	2,718	2,249
30	46	96 816	14 637,160	205 865,496	14,065	13,596	80	96	3 831	24,853	64,069	2,578	2,109
31	47	96 601	13 713,381	191 228,336	13,945	13,476	81	97	2 628	16,009	39,216	2,450	1,981
32	48	96 362	12 844,540	177 514,955	13,820	13,352	82	98	1 741	9,958	23,207	2,330	1,862
33	49	96 112	12 029,266	164 670,415	13,689	13,220	83	99	1 112	5,969	13,249	2,219	1,751
34	50	95 841	11 263,270	152 641,149	13,552	13,083	84	100	683	3,442	7,279	2,115	1,646
35	51	95 540	10 542,605	141 377,879	13,410	12,941							
36	52	95 219	9 865,956	130 835,274	13,261	12,793							
37	53	94 869	9 229,713	120 969,318	13,107	12,638							
38	54	94 487	8 631,525	111 739,605	12,946	12,477							
39	55	94 085	8 070,197	103 108,080	12,776	12,308							
40	56	93 636	7 541,526	95 037,882	12,602	12,133							
41	57	93 154	7 044,769	87 496,356	12,420	11,951							
42	58	92 632	6 577,727	80 451,587	12,231	11,762							
43	59	92 061	6 138,193	73 873,860	12,035	11,566							
44	60	91 444	5 724,991	67 735,666	11,832	11,363							
45	61	90 751	5 334,808	62 010,676	11,624	11,155							
46	62	90 017	4 968,723	56 675,868	11,407	10,938							
47	63	89 206	4 623,423	51 707,144	11,184	10,715							
48	64	88 337	4 298,953	47 083,721	10,952	10,484							
49	65	87 392	3 993,377	42 784,768	10,714	10,245							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 576 412,700	15,844	15,375	50	67	85 667	3 675,662	37 725,854	10,264	9,795
1	18	99 075	93 028,053	1 476 916,284	15,876	15,407	51	68	84 532	3 405,585	34 050,193	9,998	9,530
2	19	99 018	87 300,120	1 383 888,231	15,852	15,383	52	69	83 302	3 151,208	30 644,608	9,725	9,256
3	20	98 978	81 938,540	1 296 588,111	15,824	15,355	53	70	81 955	2 911,037	27 493,400	9,445	8,976
4	21	98 942	76 909,749	1 214 649,570	15,793	15,324	54	71	80 511	2 685,214	24 582,362	9,155	8,686
5	22	98 906	72 189,714	1 137 739,821	15,760	15,292	55	72	78 928	2 471,745	21 897,148	8,859	8,390
6	23	98 872	67 760,352	1 065 550,107	15,725	15,257	56	73	77 171	2 269,208	19 425,403	8,560	8,092
7	24	98 839	63 603,566	997 789,755	15,688	15,219	57	74	75 268	2 078,178	17 156,195	8,255	7,787
8	25	98 807	59 702,305	934 186,190	15,647	15,179	58	75	73 226	1 898,392	15 078,017	7,943	7,474
9	26	98 776	56 040,622	874 483,884	15,604	15,136	59	76	70 961	1 727,400	13 179,625	7,630	7,161
10	27	98 741	52 601,729	818 443,262	15,559	15,091	60	77	68 499	1 565,687	11 452,225	7,315	6,846
11	28	98 706	49 374,130	765 841,534	15,511	15,042	61	78	65 810	1 412,425	9 886,538	7,000	6,531
12	29	98 671	46 344,137	716 467,404	15,460	14,991	62	79	62 906	1 267,700	8 474,113	6,685	6,216
13	30	98 633	43 499,003	670 123,267	15,405	14,937	63	80	59 800	1 131,546	7 206,413	6,369	5,900
14	31	98 598	40 829,350	626 624,263	15,347	14,879	64	81	56 454	1 003,052	6 074,867	6,056	5,588
15	32	98 549	38 318,599	585 794,913	15,287	14,819	65	82	52 889	882,350	5 071,814	5,748	5,279
16	33	98 496	35 960,259	547 476,314	15,224	14,756	66	83	49 104	769,204	4 189,464	5,446	4,978
17	34	98 431	33 743,277	511 516,055	15,159	14,690	67	84	45 149	664,082	3 420,261	5,150	4,682
18	35	98 357	31 660,156	477 772,778	15,091	14,622	68	85	41 055	567,007	2 756,179	4,861	4,392
19	36	98 261	29 698,664	446 112,622	15,021	14,553	69	86	36 815	477,420	2 189,171	4,585	4,117
20	37	98 161	27 857,866	416 413,958	14,948	14,479	70	87	32 538	396,201	1 711,752	4,320	3,852
21	38	98 051	26 128,225	388 556,092	14,871	14,402	71	88	28 127	321,594	1 315,550	4,091	3,622
22	39	97 938	24 505,254	362 427,867	14,790	14,321	72	89	23 963	257,259	993,956	3,864	3,395
23	40	97 814	22 980,509	337 922,613	14,705	14,236	73	90	20 014	201,751	736,697	3,652	3,183
24	41	97 690	21 550,686	314 942,104	14,614	14,145	74	91	16 502	156,190	534,946	3,425	2,956
25	42	97 553	20 206,923	293 391,417	14,519	14,051	75	92	13 152	116,888	378,756	3,240	2,772
26	43	97 403	18 944,454	273 184,495	14,420	13,952	76	93	10 243	85,476	261,869	3,064	2,595
27	44	97 241	17 758,591	254 240,041	14,316	13,848	77	94	7 765	60,844	176,392	2,899	2,430
28	45	97 069	16 645,335	236 481,449	14,207	13,738	78	95	5 716	42,055	115,548	2,748	2,279
29	46	96 878	15 598,611	219 836,114	14,093	13,625	79	96	4 078	28,175	73,494	2,608	2,140
30	47	96 665	14 614,459	204 237,503	13,975	13,506	80	97	2 820	18,292	45,318	2,478	2,009
31	48	96 434	13 689,583	189 623,044	13,852	13,383	81	98	1 882	11,463	27,026	2,358	1,889
32	49	96 183	12 820,740	175 933,461	13,723	13,254	82	99	1 211	6,928	15,563	2,246	1,778
33	50	95 911	12 004,100	163 112,722	13,588	13,119	83	100	750	4,030	8,635	2,143	1,674
34	51	95 617	11 236,953	151 108,622	13,447	12,979							
35	52	95 302	10 516,346	139 871,668	13,300	12,832							
36	53	94 955	9 838,619	129 355,323	13,148	12,679							
37	54	94 581	9 201,662	119 516,703	12,989	12,520							
38	55	94 186	8 604,024	110 315,041	12,821	12,353							
39	56	93 746	8 041,165	101 711,017	12,649	12,180							
40	57	93 281	7 512,922	93 669,852	12,468	11,999							
41	58	92 769	7 015,700	86 156,930	12,281	11,812							
42	59	92 209	6 547,735	79 141,230	12,087	11,618							
43	60	91 621	6 108,863	72 593,495	11,883	11,415							
44	61	90 944	5 693,687	66 484,632	11,677	11,208							
45	62	90 235	5 304,477	60 790,945	11,460	10,992							
46	63	89 453	4 937,546	55 486,468	11,238	10,769							
47	64	88 611	4 592,591	50 548,922	11,007	10,538							
48	65	87 702	4 268,019	45 956,331	10,768	10,299							
49	66	86 715	3 962,458	41 688,313	10,521	10,052							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 574 197,924	15,824	15,356	50	68	84 895	3 642,508	36 603,931	10,049	9,580
1	19	99 053	93 007,732	1 474 718,973	15,856	15,387	51	69	83 704	3 372,227	32 961,422	9,774	9,306
2	20	98 997	87 281,346	1 381 711,241	15,831	15,362	52	70	82 389	3 116,647	29 589,196	9,494	9,025
3	21	98 957	81 921,252	1 294 429,895	15,801	15,332	53	71	80 976	2 876,255	26 472,549	9,204	8,735
4	22	98 920	76 893,125	1 212 508,643	15,769	15,300	54	72	79 437	2 649,386	23 596,293	8,906	8,438
5	23	98 883	72 173,125	1 135 615,518	15,735	15,266	55	73	77 707	2 433,494	20 946,908	8,608	8,139
6	24	98 850	67 744,939	1 063 442,392	15,698	15,229	56	74	75 833	2 229,870	18 513,414	8,302	7,834
7	25	98 817	63 589,105	995 697,453	15,658	15,190	57	75	73 814	2 038,019	16 283,544	7,990	7,521
8	26	98 785	59 689,001	932 108,348	15,616	15,147	58	76	71 594	1 856,094	14 245,524	7,675	7,206
9	27	98 749	56 025,650	872 419,347	15,572	15,103	59	77	69 162	1 683,615	12 389,431	7,359	6,890
10	28	98 715	52 588,150	816 393,696	15,524	15,056	60	78	66 515	1 520,354	10 705,816	7,042	6,573
11	29	98 681	49 361,306	763 805,546	15,474	15,005	61	79	63 621	1 365,451	9 185,462	6,727	6,258
12	30	98 644	46 331,283	714 444,240	15,420	14,952	62	80	60 544	1 220,097	7 820,012	6,409	5,941
13	31	98 606	43 487,065	668 112,957	15,363	14,895	63	81	57 206	1 082,468	6 599,915	6,097	5,628
14	32	98 566	40 816,039	624 625,892	15,303	14,835	64	82	53 660	953,406	5 517,447	5,787	5,318
15	33	98 515	38 305,327	583 809,853	15,241	14,772	65	83	49 881	832,173	4 564,042	5,484	5,016
16	34	98 460	35 947,249	545 504,526	15,175	14,706	66	84	45 914	719,237	3 731,869	5,189	4,720
17	35	98 391	33 729,583	509 557,277	15,107	14,638	67	85	41 808	614,949	3 012,632	4,899	4,430
18	36	98 315	31 646,664	475 827,693	15,036	14,567	68	86	37 553	518,644	2 397,683	4,623	4,154
19	37	98 215	29 684,815	444 181,029	14,963	14,494	69	87	33 257	431,278	1 879,039	4,357	3,888
20	38	98 110	27 843,193	414 496,214	14,887	14,418	70	88	28 807	350,772	1 447,761	4,127	3,659
21	39	97 993	26 112,821	386 653,021	14,807	14,338	71	89	24 599	281,247	1 096,989	3,900	3,432
22	40	97 869	24 488,020	360 540,200	14,723	14,254	72	90	20 614	221,302	815,742	3,686	3,217
23	41	97 744	22 964,129	336 052,180	14,634	14,165	73	91	17 048	171,852	594,440	3,459	2,990
24	42	97 609	21 532,778	313 088,051	14,540	14,071	74	92	13 644	129,147	422,588	3,272	2,803
25	43	97 461	20 187,808	291 555,273	14,442	13,973	75	93	10 666	94,798	293,441	3,095	2,627
26	44	97 300	18 924,457	271 367,465	14,340	13,871	76	94	8 124	67,793	198,643	2,930	2,461
27	45	97 131	17 738,509	252 443,008	14,231	13,763	77	95	6 015	47,130	130,851	2,776	2,308
28	46	96 938	16 622,822	234 704,498	14,119	13,651	78	96	4 319	31,774	83,720	2,635	2,166
29	47	96 728	15 574,419	218 081,677	14,003	13,534	79	97	3 002	20,737	51,946	2,505	2,036
30	48	96 498	14 589,097	202 507,258	13,881	13,412	80	98	2 019	13,098	31,209	2,383	1,914
31	49	96 255	13 664,216	187 918,161	13,753	13,284	81	99	1 309	7,975	18,111	2,271	1,802
32	50	95 982	12 793,918	174 253,945	13,620	13,151	82	100	818	4,677	10,136	2,167	1,698
33	51	95 687	11 976,053	161 460,027	13,482	13,013							
34	52	95 379	11 208,965	149 483,974	13,336	12,867							
35	53	95 038	10 487,206	138 275,009	13,185	12,716							
36	54	94 667	9 808,718	127 787,803	13,028	12,559							
37	55	94 279	9 172,345	117 979,085	12,862	12,394							
38	56	93 847	8 573,070	108 806,740	12,692	12,223							
39	57	93 391	8 010,665	100 233,670	12,513	12,044							
40	58	92 896	7 481,922	92 223,004	12,326	11,857							
41	59	92 346	6 983,711	84 741,083	12,134	11,665							
42	60	91 769	6 516,448	77 757,372	11,932	11,464							
43	61	91 120	6 075,460	71 240,924	11,726	11,257							
44	62	90 427	5 661,316	65 165,464	11,511	11,042							
45	63	89 669	5 271,193	59 504,148	11,289	10,820							
46	64	88 856	4 904,619	54 232,955	11,058	10,589							
47	65	87 974	4 559,544	49 328,336	10,819	10,350							
48	66	87 023	4 234,974	44 768,792	10,571	10,102							
49	67	86 002	3 929,888	40 533,819	10,314	9,846							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 571 837,047	15,804	15,335	50	69	84 063	3 606,830	35 425,042	9,822	9,353
1	20	99 032	92 987,731	1 472 379,826	15,834	15,365	51	70	82 786	3 335,241	31 818,212	9,540	9,071
2	21	98 976	87 262,930	1 379 392,095	15,807	15,339	52	71	81 404	3 079,408	28 482,971	9,249	8,781
3	22	98 935	81 903,545	1 292 129,165	15,776	15,307	53	72	79 896	2 837,878	25 403,562	8,952	8,483
4	23	98 898	76 875,456	1 210 225,620	15,743	15,274	54	73	78 208	2 608,386	22 565,685	8,651	8,182
5	24	98 861	72 156,709	1 133 350,164	15,707	15,238	55	74	76 360	2 391,308	19 957,299	8,346	7,877
6	25	98 827	67 729,537	1 061 193,455	15,668	15,199	56	75	74 367	2 186,780	17 565,990	8,033	7,564
7	26	98 795	63 574,935	993 463,917	15,627	15,158	57	76	72 169	1 992,610	15 379,210	7,718	7,249
8	27	98 759	59 673,055	929 888,983	15,583	15,114	58	77	69 779	1 809,046	13 386,600	7,400	6,931
9	28	98 724	56 011,188	870 215,928	15,536	15,068	59	78	67 160	1 634,867	11 577,554	7,082	6,613
10	29	98 690	52 574,491	814 204,740	15,487	15,018	60	79	64 303	1 469,789	9 942,688	6,765	6,296
11	30	98 653	49 347,615	761 630,248	15,434	14,965	61	80	61 232	1 314,177	8 472,898	6,447	5,979
12	31	98 617	46 318,568	712 282,634	15,378	14,909	62	81	57 918	1 167,177	7 158,721	6,133	5,665
13	32	98 574	43 472,887	665 964,066	15,319	14,850	63	82	54 374	1 028,890	5 991,544	5,823	5,355
14	33	98 531	40 801,902	622 491,178	15,256	14,788	64	83	50 609	899,188	4 962,654	5,519	5,050
15	34	98 480	38 291,469	581 689,276	15,191	14,722	65	84	46 641	778,115	4 063,466	5,222	4,753
16	35	98 420	35 932,661	543 397,807	15,123	14,654	66	85	42 517	666,024	3 285,351	4,933	4,464
17	36	98 349	33 715,209	507 465,146	15,052	14,583	67	86	38 242	562,497	2 619,327	4,657	4,188
18	37	98 269	31 631,907	473 749,937	14,977	14,508	68	87	33 923	468,518	2 056,830	4,390	3,921
19	38	98 163	29 669,180	442 118,030	14,902	14,433	69	88	29 443	381,827	1 588,312	4,160	3,691
20	39	98 052	27 826,778	412 448,850	14,822	14,353	70	89	25 193	306,764	1 206,486	3,933	3,464
21	40	97 924	26 094,457	384 622,072	14,740	14,271	71	90	21 160	241,937	899,722	3,719	3,250
22	41	97 799	24 470,565	358 527,615	14,651	14,183	72	91	17 559	188,506	657,785	3,489	3,021
23	42	97 663	22 945,046	334 057,050	14,559	14,090	73	92	14 096	142,097	469,279	3,303	2,834
24	43	97 517	21 512,409	311 112,004	14,462	13,993	74	93	11 066	104,740	327,182	3,124	2,655
25	44	97 358	20 166,499	289 599,595	14,360	13,892	75	94	8 460	75,186	222,442	2,959	2,490
26	45	97 190	18 903,057	269 433,096	14,253	13,785	76	95	6 293	52,513	147,256	2,804	2,335
27	46	96 999	17 714,517	250 530,039	14,143	13,674	77	96	4 544	35,609	94,743	2,661	2,192
28	47	96 788	16 597,041	232 815,522	14,028	13,559	78	97	3 179	23,386	59,134	2,529	2,060
29	48	96 560	15 547,391	216 218,481	13,907	13,438	79	98	2 149	14,849	35,748	2,407	1,939
30	49	96 319	14 562,064	200 671,090	13,780	13,312	80	99	1 405	9,112	20,899	2,293	1,825
31	50	96 053	13 635,630	186 109,026	13,649	13,180	81	100	884	5,384	11,786	2,189	1,720
32	51	95 758	12 764,025	172 473,397	13,512	13,044							
33	52	95 448	11 946,223	159 709,371	13,369	12,900							
34	53	95 115	11 177,906	147 763,148	13,219	12,750							
35	54	94 749	10 455,334	136 585,242	13,064	12,595							
36	55	94 365	9 777,466	126 129,908	12,900	12,431							
37	56	93 940	9 139,347	116 352,442	12,731	12,262							
38	57	93 491	8 540,554	107 213,095	12,553	12,085							
39	58	93 005	7 977,611	98 672,541	12,369	11,900							
40	59	92 473	7 447,807	90 694,930	12,177	11,709							
41	60	91 905	6 950,341	83 247,123	11,977	11,509							
42	61	91 267	6 480,816	76 296,783	11,773	11,304							
43	62	90 602	6 040,919	69 815,966	11,557	11,088							
44	63	89 860	5 625,792	63 775,048	11,336	10,867							
45	64	89 071	5 236,041	58 149,256	11,106	10,637							
46	65	88 217	4 869,326	52 913,215	10,867	10,398							
47	66	87 293	4 524,242	48 043,888	10,619	10,150							
48	67	86 307	4 200,163	43 519,647	10,361	9,893							
49	68	85 227	3 894,442	39 319,483	10,096	9,628							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 569 325,260	15,782	15,314	50	70	83 141	3 567,271	34 188,424	9,584	9,115
1	21	99 011	92 968,111	1 469 889,427	15,811	15,342	51	71	81 797	3 295,391	30 621,152	9,292	8,823
2	22	98 954	87 244,069	1 376 921,316	15,782	15,314	52	72	80 318	3 038,320	27 325,761	8,994	8,525
3	23	98 913	81 884,724	1 289 677,247	15,750	15,281	53	73	78 659	2 793,961	24 287,441	8,693	8,224
4	24	98 875	76 857,970	1 207 792,523	15,715	15,246	54	74	76 852	2 563,169	21 493,480	8,386	7,917
5	25	98 838	72 140,304	1 130 934,553	15,677	15,208	55	75	74 884	2 345,099	18 930,312	8,072	7,604
6	26	98 805	67 714,444	1 058 794,249	15,636	15,167	56	76	72 711	2 138,056	16 585,213	7,757	7,288
7	27	98 768	63 557,950	991 079,805	15,593	15,125	57	77	70 340	1 942,102	14 447,157	7,439	6,970
8	28	98 733	59 657,651	927 521,855	15,547	15,079	58	78	67 759	1 756,666	12 505,055	7,119	6,650
9	29	98 698	55 996,640	867 864,204	15,499	15,030	59	79	64 926	1 580,494	10 748,389	6,801	6,332
10	30	98 662	52 559,909	811 867,563	15,447	14,978	60	80	61 888	1 414,598	9 167,895	6,481	6,012
11	31	98 626	49 334,072	759 307,654	15,391	14,922	61	81	58 576	1 257,177	7 753,297	6,167	5,698
12	32	98 585	46 303,467	709 973,582	15,333	14,864	62	82	55 051	1 109,407	6 496,120	5,855	5,387
13	33	98 540	43 457,831	663 670,115	15,272	14,803	63	83	51 282	970,379	5 386,713	5,551	5,082
14	34	98 496	40 787,141	620 212,284	15,206	14,737	64	84	47 321	840,777	4 416,333	5,253	4,784
15	35	98 440	38 275,929	579 425,144	15,138	14,669	65	85	43 190	720,546	3 575,556	4,962	4,494
16	36	98 378	35 917,348	541 149,214	15,067	14,598	66	86	38 891	609,215	2 855,010	4,686	4,218
17	37	98 303	33 699,487	505 231,866	14,992	14,524	67	87	34 546	508,132	2 245,796	4,420	3,951
18	38	98 218	31 615,246	471 532,379	14,915	14,446	68	88	30 034	414,797	1 737,663	4,189	3,720
19	39	98 105	29 651,688	439 917,133	14,836	14,367	69	89	25 749	333,922	1 322,866	3,962	3,493
20	40	97 983	27 807,208	410 265,445	14,754	14,285	70	90	21 672	263,888	988,944	3,748	3,279
21	41	97 854	26 075,857	382 458,236	14,667	14,198	71	91	18 025	206,083	725,056	3,518	3,050
22	42	97 718	24 450,231	356 382,379	14,576	14,107	72	92	14 519	155,867	518,974	3,330	2,861
23	43	97 571	22 923,341	331 932,149	14,480	14,011	73	93	11 432	115,243	363,106	3,151	2,682
24	44	97 414	21 489,702	309 008,807	14,379	13,911	74	94	8 777	83,071	247,864	2,984	2,515
25	45	97 248	20 143,694	287 519,106	14,273	13,805	75	95	6 553	58,239	164,792	2,830	2,361
26	46	97 059	18 877,489	267 375,411	14,164	13,695	76	96	4 754	39,676	106,553	2,686	2,217
27	47	96 849	17 687,043	248 497,922	14,050	13,581	77	97	3 345	26,209	66,877	2,552	2,083
28	48	96 620	16 568,238	230 810,879	13,931	13,462	78	98	2 276	16,746	40,668	2,429	1,960
29	49	96 381	15 518,582	214 242,640	13,806	13,337	79	99	1 495	10,331	23,922	2,316	1,847
30	50	96 117	14 531,599	198 724,059	13,675	13,207	80	100	948	6,152	13,592	2,209	1,741
31	51	95 829	13 603,771	184 192,460	13,540	13,071							
32	52	95 519	12 732,233	170 588,689	13,398	12,929							
33	53	95 184	11 913,122	157 856,456	13,251	12,782							
34	54	94 826	11 143,935	145 943,334	13,096	12,627							
35	55	94 447	10 422,022	134 799,399	12,934	12,465							
36	56	94 026	9 742,291	124 377,378	12,767	12,298							
37	57	93 584	9 104,682	114 635,087	12,591	12,122							
38	58	93 106	8 505,313	105 530,404	12,408	11,939							
39	59	92 581	7 941,236	97 025,091	12,218	11,749							
40	60	92 031	7 412,218	89 083,855	12,019	11,550							
41	61	91 403	6 912,337	81 671,637	11,815	11,347							
42	62	90 748	6 443,970	74 759,300	11,601	11,133							
43	63	90 033	6 003,013	68 315,330	11,380	10,911							
44	64	89 261	5 588,276	62 312,317	11,151	10,682							
45	65	88 430	5 198,363	56 724,041	10,912	10,443							
46	66	87 534	4 831,626	51 525,677	10,664	10,196							
47	67	86 575	4 487,054	46 694,051	10,406	9,938							
48	68	85 529	4 162,279	42 206,998	10,140	9,672							
49	69	84 392	3 856,295	38 044,719	9,866	9,397							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 566 652,555	15,759	15,290	50	71	82 148	3 524,649	32 894,737	9,333	8,864
1	22	98 990	92 948,016	1 467 237,702	15,786	15,317	51	72	80 706	3 251,421	29 370,089	9,033	8,564
2	23	98 932	87 224,020	1 374 289,686	15,756	15,287	52	73	79 075	2 991,301	26 118,668	8,732	8,263
3	24	98 890	81 866,099	1 287 065,666	15,722	15,253	53	74	77 296	2 745,527	23 127,367	8,424	7,955
4	25	98 853	76 840,496	1 205 199,567	15,684	15,216	54	75	75 367	2 513,638	20 381,840	8,109	7,640
5	26	98 816	72 124,228	1 128 359,070	15,645	15,176	55	76	73 216	2 292,847	17 868,202	7,793	7,324
6	27	98 779	67 696,354	1 056 234,842	15,603	15,134	56	77	70 867	2 083,861	15 575,355	7,474	7,006
7	28	98 743	63 541,544	988 538,489	15,557	15,089	57	78	68 303	1 885,870	13 491,494	7,154	6,685
8	29	98 708	59 642,156	924 996,945	15,509	15,040	58	79	65 505	1 698,243	11 605,624	6,834	6,365
9	30	98 671	55 981,109	865 354,789	15,458	14,989	59	80	62 488	1 521,146	9 907,381	6,513	6,044
10	31	98 635	52 545,485	809 373,680	15,403	14,935	60	81	59 204	1 353,242	8 386,236	6,197	5,728
11	32	98 594	49 317,988	756 828,195	15,346	14,877	61	82	55 677	1 194,952	7 032,993	5,886	5,417
12	33	98 550	46 287,430	707 510,207	15,285	14,816	62	83	51 921	1 046,317	5 838,041	5,580	5,111
13	34	98 504	43 442,108	661 222,777	15,221	14,752	63	84	47 951	907,344	4 791,724	5,281	4,812
14	35	98 456	40 770,588	617 780,669	15,153	14,684	64	85	43 820	778,572	3 884,379	4,989	4,520
15	36	98 398	38 259,618	577 010,081	15,081	14,613	65	86	39 506	659,087	3 105,808	4,712	4,244
16	37	98 332	35 900,599	538 750,463	15,007	14,538	66	87	35 132	550,335	2 446,721	4,446	3,977
17	38	98 251	33 681,738	502 849,863	14,929	14,461	67	88	30 585	449,869	1 896,386	4,215	3,747
18	39	98 160	31 596,607	469 168,126	14,849	14,380	68	89	26 266	362,756	1 446,517	3,988	3,519
19	40	98 036	29 630,835	437 571,519	14,767	14,299	69	90	22 150	287,250	1 083,761	3,773	3,304
20	41	97 913	27 787,388	407 940,684	14,681	14,212	70	91	18 460	224,781	796,511	3,544	3,075
21	42	97 773	26 054,188	380 153,296	14,591	14,122	71	92	14 904	170,401	571,731	3,355	2,886
22	43	97 626	24 427,102	354 099,108	14,496	14,027	72	93	11 775	126,411	401,330	3,175	2,706
23	44	97 468	22 899,144	329 672,006	14,397	13,928	73	94	9 067	91,401	274,919	3,008	2,539
24	45	97 304	21 465,401	306 772,861	14,292	13,823	74	95	6 798	64,348	183,518	2,852	2,383
25	46	97 116	20 116,449	285 307,460	14,183	13,714	75	96	4 951	44,003	119,170	2,708	2,239
26	47	96 908	18 848,212	265 191,012	14,070	13,601	76	97	3 499	29,202	75,167	2,574	2,105
27	48	96 681	17 656,349	246 342,800	13,952	13,483	77	98	2 395	18,767	45,965	2,449	1,981
28	49	96 441	16 537,538	228 686,451	13,828	13,360	78	99	1 583	11,650	27,198	2,335	1,866
29	50	96 179	15 486,116	212 148,913	13,699	13,231	79	100	1 010	6,974	15,548	2,229	1,761
30	51	95 893	14 497,646	196 662,797	13,565	13,096							
31	52	95 590	13 569,886	182 165,151	13,424	12,955							
32	53	95 255	12 696,954	168 595,264	13,278	12,810							
33	54	94 894	11 876,916	155 898,310	13,126	12,657							
34	55	94 523	11 108,428	144 021,394	12,965	12,496							
35	56	94 107	10 384,528	132 912,966	12,799	12,330							
36	57	93 669	9 705,340	122 528,438	12,625	12,156							
37	58	93 198	9 067,114	112 823,098	12,443	11,974							
38	59	92 681	8 466,532	103 755,984	12,255	11,786							
39	60	92 139	7 903,290	95 289,453	12,057	11,588							
40	61	91 527	7 371,689	87 386,162	11,854	11,386							
41	62	90 883	6 873,037	80 014,473	11,642	11,173							
42	63	90 179	6 403,535	73 141,436	11,422	10,953							
43	64	89 433	5 962,981	66 737,901	11,192	10,723							
44	65	88 618	5 548,064	60 774,919	10,954	10,486							
45	66	87 745	5 158,115	55 226,856	10,707	10,238							
46	67	86 814	4 791,911	50 068,740	10,449	9,980							
47	68	85 794	4 446,582	45 276,829	10,182	9,714							
48	69	84 691	4 121,509	40 830,247	9,907	9,438							
49	70	83 466	3 814,001	36 708,738	9,625	9,156							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 563 808,213	15,734	15,265	50	72	81 052	3 477,619	31 543,841	9,071	8,602
1	23	98 967	92 926,657	1 464 414,848	15,759	15,290	51	73	79 457	3 201,105	28 066,222	8,768	8,299
2	24	98 909	87 204,181	1 371 488,191	15,727	15,259	52	74	77 704	2 939,446	24 865,117	8,459	7,990
3	25	98 868	81 847,487	1 284 284,010	15,691	15,222	53	75	75 802	2 692,472	21 925,671	8,143	7,675
4	26	98 831	76 823,373	1 202 436,524	15,652	15,183	54	76	73 688	2 457,631	19 233,200	7,826	7,357
5	27	98 790	72 104,960	1 125 613,151	15,611	15,142	55	77	71 360	2 234,729	16 775,569	7,507	7,038
6	28	98 753	67 678,879	1 053 508,191	15,566	15,098	56	78	68 816	2 023,525	14 540,840	7,186	6,717
7	29	98 717	63 525,040	985 829,312	15,519	15,050	57	79	66 031	1 823,149	12 517,315	6,866	6,397
8	30	98 680	59 625,614	922 304,272	15,468	15,000	58	80	63 046	1 634,473	10 694,166	6,543	6,074
9	31	98 644	55 965,746	862 678,659	15,414	14,946	59	81	59 778	1 455,169	9 059,693	6,226	5,757
10	32	98 603	52 528,354	806 712,913	15,358	14,889	60	82	56 274	1 286,263	7 604,525	5,912	5,443
11	33	98 560	49 300,907	754 184,559	15,298	14,829	61	83	52 511	1 126,998	6 318,262	5,606	5,138
12	34	98 515	46 270,684	704 883,653	15,234	14,765	62	84	48 548	978,350	5 191,264	5,306	4,837
13	35	98 464	43 424,478	658 612,969	15,167	14,698	63	85	44 403	840,214	4 212,915	5,014	4,545
14	36	98 414	40 753,214	615 188,491	15,095	14,627	64	86	40 082	712,163	3 372,701	4,736	4,267
15	37	98 352	38 241,777	574 435,277	15,021	14,552	65	87	35 688	595,387	2 660,538	4,469	4,000
16	38	98 280	35 881,691	536 193,500	14,943	14,475	66	88	31 104	487,233	2 065,151	4,239	3,770
17	39	98 193	33 661,880	500 311,810	14,863	14,394	67	89	26 748	393,428	1 577,918	4,011	3,542
18	40	98 091	31 574,386	466 649,930	14,779	14,311	68	90	22 595	312,054	1 184,491	3,796	3,327
19	41	97 966	29 609,714	435 075,543	14,694	14,225	69	91	18 868	244,681	872,437	3,566	3,097
20	42	97 832	27 764,297	405 465,829	14,604	14,135	70	92	15 264	185,861	627,756	3,378	2,909
21	43	97 681	26 029,543	377 701,532	14,510	14,042	71	93	12 087	138,198	441,895	3,198	2,729
22	44	97 522	24 401,318	351 671,990	14,412	13,943	72	94	9 339	100,259	303,697	3,029	2,560
23	45	97 357	22 873,250	327 270,671	14,308	13,839	73	95	7 024	70,800	203,439	2,873	2,405
24	46	97 172	21 436,368	304 397,422	14,200	13,731	74	96	5 137	48,618	132,639	2,728	2,259
25	47	96 966	20 085,250	282 961,054	14,088	13,619	75	97	3 644	32,387	84,021	2,594	2,126
26	48	96 740	18 815,503	262 875,805	13,971	13,502	76	98	2 506	20,910	51,634	2,469	2,001
27	49	96 502	17 623,632	244 060,302	13,848	13,380	77	99	1 666	13,056	30,724	2,353	1,884
28	50	96 239	16 502,940	226 436,670	13,721	13,252	78	100	1 069	7,865	17,668	2,246	1,778
29	51	95 954	15 449,933	209 933,730	13,588	13,119							
30	52	95 654	14 461,536	194 483,796	13,448	12,980							
31	53	95 325	13 532,287	180 022,261	13,303	12,834							
32	54	94 965	12 658,366	166 489,974	13,153	12,684							
33	55	94 592	11 839,074	153 831,608	12,994	12,525							
34	56	94 183	11 068,465	141 992,534	12,829	12,360							
35	57	93 750	10 345,141	130 924,069	12,656	12,187							
36	58	93 283	9 665,293	120 578,928	12,475	12,007							
37	59	92 773	9 025,771	110 913,635	12,289	11,820							
38	60	92 238	8 426,076	101 887,864	12,092	11,623							
39	61	91 635	7 860,076	93 461,789	11,891	11,422							
40	62	91 007	7 329,778	85 601,713	11,679	11,210							
41	63	90 313	6 829,910	78 271,935	11,460	10,991							
42	64	89 577	6 360,833	71 442,025	11,232	10,763							
43	65	88 789	5 920,073	65 081,192	10,993	10,525							
44	66	87 932	5 505,108	59 161,119	10,747	10,278							
45	67	87 024	5 115,717	53 656,011	10,488	10,020							
46	68	86 031	4 748,690	48 540,294	10,222	9,753							
47	69	84 954	4 403,027	43 791,604	9,946	9,477							
48	70	83 762	4 076,306	39 388,577	9,663	9,194							
49	71	82 469	3 768,430	35 312,271	9,371	8,902							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 560 781,802	15,707	15,238	50	73	79 797	3 423,803	30 137,040	8,802	8,333
1	24	98 944	92 905,521	1 461 411,277	15,730	15,261	51	74	78 079	3 145,612	26 713,238	8,492	8,023
2	25	98 887	87 184,355	1 368 505,756	15,697	15,228	52	75	76 203	2 882,644	23 567,626	8,176	7,707
3	26	98 846	81 829,247	1 281 321,402	15,658	15,190	53	76	74 113	2 632,480	20 684,982	7,858	7,389
4	27	98 804	76 802,849	1 199 492,154	15,618	15,149	54	77	71 820	2 395,336	18 052,501	7,537	7,068
5	28	98 765	72 086,347	1 122 689,306	15,574	15,105	55	78	69 294	2 170,024	15 657,166	7,215	6,746
6	29	98 727	67 661,301	1 050 602,959	15,527	15,059	56	79	66 527	1 956,226	13 487,142	6,894	6,426
7	30	98 690	63 507,421	982 941,658	15,478	15,009	57	80	63 552	1 754,689	11 530,916	6,571	6,103
8	31	98 653	59 609,250	919 434,237	15,424	14,956	58	81	60 311	1 563,581	9 776,227	6,252	5,784
9	32	98 611	55 947,499	859 824,987	15,368	14,900	59	82	56 819	1 383,144	8 212,646	5,938	5,469
10	33	98 569	52 510,161	803 877,488	15,309	14,840	60	83	53 074	1 213,116	6 829,502	5,630	5,161
11	34	98 524	49 283,070	751 367,327	15,246	14,777	61	84	49 100	1 053,789	5 616,387	5,330	4,861
12	35	98 475	46 251,906	702 084,257	15,180	14,711	62	85	44 956	905,966	4 562,598	5,036	4,567
13	36	98 423	43 405,973	655 832,351	15,109	14,641	63	86	40 616	768,547	3 656,632	4,758	4,289
14	37	98 368	40 734,210	612 426,378	15,035	14,566	64	87	36 209	643,333	2 888,085	4,489	4,021
15	38	98 300	38 221,635	571 692,168	14,957	14,489	65	88	31 596	527,119	2 244,751	4,259	3,790
16	39	98 222	35 860,536	533 470,534	14,876	14,408	66	89	27 201	426,104	1 717,633	4,031	3,562
17	40	98 124	33 638,207	497 609,998	14,793	14,324	67	90	23 009	338,439	1 291,529	3,816	3,347
18	41	98 021	31 551,880	463 971,791	14,705	14,236	68	91	19 246	265,809	953,090	3,586	3,117
19	42	97 885	29 585,109	432 419,911	14,616	14,147	69	92	15 601	202,316	687,282	3,397	2,928
20	43	97 739	27 738,033	402 834,801	14,523	14,054	70	93	12 379	150,736	484,966	3,217	2,749
21	44	97 577	26 002,067	375 096,768	14,426	13,957	71	94	9 587	109,607	334,230	3,049	2,581
22	45	97 412	24 373,725	349 094,701	14,323	13,854	72	95	7 234	77,661	224,623	2,892	2,424
23	46	97 226	22 842,312	324 720,976	14,216	13,747	73	96	5 307	53,493	146,961	2,747	2,279
24	47	97 021	21 403,122	301 878,664	14,104	13,636	74	97	3 781	35,783	93,468	2,612	2,143
25	48	96 797	20 050,393	280 475,543	13,989	13,520	75	98	2 609	23,190	57,685	2,487	2,019
26	49	96 561	18 780,638	260 425,149	13,867	13,398	76	99	1 743	14,547	34,495	2,371	1,902
27	50	96 300	17 586,762	241 644,511	13,740	13,271	77	100	1 125	8,814	19,947	2,263	1,794
28	51	96 014	16 464,382	224 057,749	13,609	13,140							
29	52	95 715	15 411,451	207 593,367	13,470	13,001							
30	53	95 389	14 421,465	192 181,917	13,326	12,857							
31	54	95 036	13 491,159	177 760,451	13,176	12,707							
32	55	94 663	12 618,034	164 269,292	13,019	12,550							
33	56	94 252	11 796,483	151 651,258	12,856	12,387							
34	57	93 826	11 026,484	139 854,775	12,684	12,215							
35	58	93 363	10 302,454	128 828,291	12,505	12,036							
36	59	92 857	9 621,222	118 525,837	12,319	11,850							
37	60	92 329	8 982,643	108 904,615	12,124	11,655							
38	61	91 734	8 380,003	99 921,972	11,924	11,455							
39	62	91 114	7 815,388	91 541,969	11,713	11,244							
40	63	90 436	7 283,785	83 726,582	11,495	11,026							
41	64	89 710	6 784,364	76 442,796	11,267	10,799							
42	65	88 933	6 315,061	69 658,432	11,031	10,562							
43	66	88 102	5 874,237	63 343,371	10,783	10,315							
44	67	87 210	5 459,858	57 469,134	10,526	10,057							
45	68	86 239	5 069,575	52 009,276	10,259	9,790							
46	69	85 188	4 702,176	46 939,701	9,983	9,514							
47	70	84 022	4 354,736	42 237,526	9,699	9,230							
48	71	82 761	4 027,601	37 882,790	9,406	8,937							
49	72	81 369	3 718,148	33 855,188	9,105	8,637							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 557 563,127	15,678	15,209	50	74	78 414	3 364,450	28 678,295	8,524	8,055
1	25	98 922	92 884,398	1 458 215,205	15,699	15,231	51	75	76 570	3 084,826	25 313,846	8,206	7,737
2	26	98 865	87 164,926	1 365 330,807	15,664	15,195	52	76	74 505	2 818,415	22 229,020	7,887	7,418
3	27	98 819	81 807,386	1 278 165,881	15,624	15,155	53	77	72 234	2 565,753	19 410,604	7,565	7,097
4	28	98 779	76 783,024	1 196 358,495	15,581	15,112	54	78	69 740	2 325,980	16 844,851	7,242	6,773
5	29	98 739	72 067,624	1 119 575,471	15,535	15,066	55	79	66 989	2 097,853	14 518,871	6,921	6,452
6	30	98 700	67 642,534	1 047 507,847	15,486	15,017	56	80	64 029	1 882,769	12 421,018	6,597	6,128
7	31	98 663	63 489,991	979 865,313	15,433	14,965	57	81	60 795	1 678,582	10 538,249	6,278	5,809
8	32	98 621	59 589,816	916 375,322	15,378	14,909	58	82	57 326	1 486,190	8 859,667	5,961	5,493
9	33	98 577	55 928,122	856 785,506	15,319	14,851	59	83	53 588	1 304,488	7 373,477	5,652	5,184
10	34	98 533	52 491,163	800 857,384	15,257	14,788	60	84	49 626	1 134,313	6 068,990	5,350	4,882
11	35	98 484	49 263,070	748 366,221	15,191	14,722	61	85	45 467	975,824	4 934,677	5,057	4,588
12	36	98 433	46 232,196	699 103,151	15,122	14,653	62	86	41 121	828,691	3 958,853	4,777	4,308
13	37	98 377	43 385,732	652 870,955	15,048	14,579	63	87	36 690	694,268	3 130,162	4,509	4,040
14	38	98 316	40 712,755	609 485,223	14,970	14,502	64	88	32 057	569,568	2 435,894	4,277	3,808
15	39	98 242	38 199,100	568 772,468	14,890	14,421	65	89	27 632	460,985	1 866,326	4,049	3,580
16	40	98 153	35 835,316	530 573,368	14,806	14,337	66	90	23 399	366,548	1 405,341	3,834	3,365
17	41	98 054	33 614,230	494 738,051	14,718	14,249	67	91	19 599	288,283	1 038,793	3,603	3,135
18	42	97 939	31 525,661	461 123,821	14,627	14,158	68	92	15 914	219,785	750,510	3,415	2,946
19	43	97 792	29 557,123	429 598,160	14,535	14,066	69	93	12 653	164,081	530,725	3,235	2,766
20	44	97 636	27 708,755	400 041,037	14,437	13,969	70	94	9 818	119,552	366,643	3,067	2,598
21	45	97 467	25 972,663	372 332,282	14,336	13,867	71	95	7 426	84,903	247,092	2,910	2,442
22	46	97 280	24 340,758	346 359,619	14,230	13,761	72	96	5 466	58,677	162,189	2,764	2,295
23	47	97 075	22 806,885	322 018,861	14,119	13,651	73	97	3 906	39,371	103,512	2,629	2,160
24	48	96 853	21 365,978	299 211,976	14,004	13,535	74	98	2 707	25,622	64,141	2,503	2,035
25	49	96 618	20 013,241	277 845,998	13,883	13,414	75	99	1 815	16,134	38,518	2,387	1,919
26	50	96 359	18 741,348	257 832,757	13,757	13,289	76	100	1 177	9,821	22,384	2,279	1,810
27	51	96 075	17 545,672	239 091,409	13,627	13,158							
28	52	95 775	16 423,372	221 545,737	13,490	13,021							
29	53	95 450	15 368,748	205 122,365	13,347	12,878							
30	54	95 099	14 377,636	189 753,617	13,198	12,729							
31	55	94 733	13 448,175	175 375,981	13,041	12,572							
32	56	94 322	12 572,640	161 927,807	12,879	12,411							
33	57	93 894	11 751,740	149 355,166	12,709	12,240							
34	58	93 439	10 980,986	137 603,426	12,531	12,062							
35	59	92 938	10 255,478	126 622,441	12,347	11,878							
36	60	92 414	9 575,249	116 366,963	12,153	11,684							
37	61	91 824	8 933,527	106 791,714	11,954	11,485							
38	62	91 212	8 332,359	97 858,187	11,744	11,276							
39	63	90 542	7 766,348	89 525,828	11,527	11,059							
40	64	89 833	7 235,212	81 759,480	11,300	10,831							
41	65	89 065	6 735,545	74 524,268	11,064	10,596							
42	66	88 244	6 266,167	67 788,723	10,818	10,349							
43	67	87 378	5 825,952	61 522,556	10,560	10,091							
44	68	86 423	5 410,612	55 696,604	10,294	9,825							
45	69	85 394	5 019,918	50 285,992	10,017	9,549							
46	70	84 254	4 650,604	45 266,074	9,733	9,265							
47	71	83 018	4 302,705	40 615,470	9,440	8,971							
48	72	81 657	3 973,861	36 312,765	9,138	8,669							
49	73	80 110	3 660,609	32 338,904	8,834	8,366							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 554 139,652	15,647	15,178	50	75	76 899	3 299,435	27 170,522	8,235	7,766
1	26	98 900	92 863,700	1 454 814,317	15,666	15,197	51	76	74 864	3 016,093	23 871,087	7,915	7,446
2	27	98 838	87 141,639	1 361 950,617	15,629	15,160	52	77	72 616	2 746,975	20 854,994	7,592	7,123
3	28	98 794	81 786,269	1 274 808,978	15,587	15,118	53	78	70 143	2 491,464	18 108,020	7,268	6,799
4	29	98 753	76 763,080	1 193 022,709	15,542	15,073	54	79	67 421	2 248,623	15 616,556	6,945	6,476
5	30	98 712	72 047,635	1 116 259,629	15,493	15,025	55	80	64 474	2 019,077	13 367,933	6,621	6,152
6	31	98 673	67 623,970	1 044 211,994	15,441	14,973	56	81	61 252	1 801,107	11 348,856	6,301	5,832
7	32	98 630	63 469,292	976 588,023	15,387	14,918	57	82	57 786	1 595,500	9 547,749	5,984	5,515
8	33	98 587	59 569,177	913 118,731	15,329	14,860	58	83	54 066	1 401,674	7 952,250	5,673	5,205
9	34	98 542	55 907,888	853 549,554	15,267	14,798	59	84	50 107	1 219,749	6 550,576	5,370	4,902
10	35	98 493	52 469,861	797 641,666	15,202	14,733	60	85	45 954	1 050,390	5 330,827	5,075	4,606
11	36	98 442	49 242,076	745 171,805	15,133	14,664	61	86	41 589	892,590	4 280,437	4,796	4,327
12	37	98 387	46 210,637	695 929,729	15,060	14,591	62	87	37 147	748,599	3 387,847	4,526	4,057
13	38	98 325	43 362,881	649 719,092	14,983	14,515	63	88	32 483	614,662	2 639,248	4,294	3,825
14	39	98 258	40 688,752	606 356,211	14,902	14,434	64	89	28 035	498,109	2 024,585	4,065	3,596
15	40	98 173	38 172,236	565 667,459	14,819	14,350	65	90	23 770	396,554	1 526,477	3,849	3,381
16	41	98 083	35 809,773	527 495,223	14,730	14,262	66	91	19 932	312,227	1 129,922	3,619	3,150
17	42	97 973	33 586,297	491 685,449	14,639	14,171	67	92	16 206	238,369	817,696	3,430	2,962
18	43	97 847	31 495,840	458 099,152	14,545	14,076	68	93	12 906	178,250	579,327	3,250	2,781
19	44	97 689	29 525,924	426 603,313	14,448	13,980	69	94	10 035	130,136	401,078	3,082	2,613
20	45	97 525	27 677,421	397 077,388	14,347	13,878	70	95	7 605	92,606	270,942	2,926	2,457
21	46	97 335	25 937,534	369 399,967	14,242	13,773	71	96	5 611	64,148	178,336	2,780	2,311
22	47	97 130	24 303,007	343 462,434	14,133	13,664	72	97	4 023	43,187	114,188	2,644	2,175
23	48	96 906	22 767,306	319 159,427	14,018	13,550	73	98	2 797	28,192	71,001	2,519	2,050
24	49	96 674	21 326,388	296 392,120	13,898	13,429	74	99	1 883	17,826	42,809	2,402	1,933
25	50	96 416	19 971,372	275 065,733	13,773	13,304	75	100	1 226	10,892	24,983	2,294	1,825
26	51	96 133	18 697,559	255 094,361	13,643	13,174							
27	52	95 835	17 501,969	236 396,802	13,507	13,038							
28	53	95 509	16 377,866	218 894,833	13,365	12,897							
29	54	95 160	15 322,040	202 516,967	13,217	12,749							
30	55	94 796	14 331,826	187 194,927	13,061	12,593							
31	56	94 392	13 399,794	172 863,101	12,900	12,432							
32	57	93 964	12 524,954	159 463,306	12,732	12,263							
33	58	93 507	11 703,249	146 938,353	12,555	12,087							
34	59	93 013	10 930,916	135 235,104	12,372	11,903							
35	60	92 494	10 206,474	124 304,188	12,179	11,710							
36	61	91 908	9 522,893	114 097,714	11,981	11,513							
37	62	91 302	8 882,735	104 574,821	11,773	11,304							
38	63	90 640	8 280,075	95 692,086	11,557	11,088							
39	64	89 939	7 714,557	87 412,011	11,331	10,862							
40	65	89 187	7 183,149	79 697,454	11,095	10,626							
41	66	88 375	6 683,396	72 514,305	10,850	10,381							
42	67	87 519	6 214,661	65 830,909	10,593	10,124							
43	68	86 589	5 773,404	59 616,248	10,326	9,857							
44	69	85 576	5 357,614	53 842,844	10,050	9,581							
45	70	84 458	4 964,861	48 485,230	9,766	9,297							
46	71	83 247	4 595,037	43 520,369	9,471	9,002							
47	72	81 910	4 245,294	38 925,332	9,169	8,700							
48	73	80 393	3 912,365	34 680,038	8,864	8,395							
49	74	78 721	3 597,151	30 767,673	8,553	8,085							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	3 998,772	49 772,418	12,447	11,978
1	0	99 594	93 515,314	1 499 084,548	16,030	15,562	51	50	92 606	3 730,854	45 773,646	12,269	11,800
2	1	99 240	87 495,701	1 405 569,235	16,064	15,596	52	51	91 946	3 478,185	42 042,792	12,088	11,619
3	2	99 192	82 116,419	1 318 073,534	16,051	15,583	53	52	91 234	3 240,632	38 564,607	11,900	11,432
4	3	99 162	77 080,549	1 235 957,114	16,035	15,566	54	53	90 460	3 017,006	35 323,975	11,708	11,240
5	4	99 133	72 355,297	1 158 876,565	16,016	15,548	55	54	89 607	2 806,162	32 306,969	11,513	11,044
6	5	99 110	67 923,243	1 086 521,269	15,996	15,528	56	55	88 705	2 608,380	29 500,807	11,310	10,841
7	6	99 090	63 765,201	1 018 598,025	15,974	15,505	57	56	87 728	2 422,193	26 892,427	11,103	10,634
8	7	99 073	59 862,838	954 832,824	15,950	15,482	58	57	86 699	2 247,688	24 470,234	10,887	10,418
9	8	99 055	56 199,138	894 969,987	15,925	15,456	59	58	85 578	2 083,212	22 222,546	10,667	10,199
10	9	99 040	52 761,336	838 770,849	15,897	15,429	60	59	84 370	1 928,461	20 139,334	10,443	9,974
11	10	99 025	49 533,586	786 009,513	15,868	15,399	61	60	83 076	1 783,001	18 210,873	10,214	9,745
12	11	99 008	46 502,141	736 475,926	15,837	15,369	62	61	81 693	1 646,307	16 427,872	9,979	9,510
13	12	98 989	43 655,949	689 973,786	15,805	15,336	63	62	80 230	1 518,143	14 781,566	9,737	9,268
14	13	98 973	40 984,770	646 317,837	15,770	15,301	64	63	78 680	1 397,937	13 263,423	9,488	9,019
15	14	98 947	38 473,221	605 333,067	15,734	15,265	65	64	77 032	1 285,124	11 865,486	9,233	8,764
16	15	98 915	36 113,403	566 859,846	15,697	15,228	66	65	75 285	1 179,333	10 580,362	8,971	8,503
17	16	98 872	33 894,648	530 746,443	15,659	15,190	67	66	73 457	1 080,465	9 401,029	8,701	8,232
18	17	98 823	31 809,979	496 851,794	15,619	15,151	68	67	71 540	988,042	8 320,564	8,421	7,953
19	18	98 750	29 846,686	465 041,815	15,581	15,112	69	68	69 501	901,304	7 332,522	8,135	7,667
20	19	98 675	28 003,657	435 195,128	15,541	15,072	70	69	67 333	819,890	6 431,218	7,844	7,375
21	20	98 595	26 273,154	407 191,472	15,498	15,030	71	70	65 024	743,445	5 611,329	7,548	7,079
22	21	98 518	24 650,514	380 918,318	15,453	14,984	72	71	62 587	671,912	4 867,884	7,245	6,776
23	22	98 442	23 127,999	356 267,804	15,404	14,935	73	72	59 955	604,376	4 195,972	6,943	6,474
24	23	98 365	21 699,483	333 139,804	15,352	14,884	74	73	57 135	540,796	3 591,596	6,641	6,173
25	24	98 286	20 358,731	311 440,321	15,298	14,829	75	74	54 118	480,976	3 050,800	6,343	5,874
26	25	98 205	19 100,507	291 081,590	15,239	14,771	76	75	50 964	425,302	2 569,824	6,042	5,574
27	26	98 123	17 919,801	271 981,083	15,178	14,709	77	76	47 628	373,204	2 144,522	5,746	5,278
28	27	98 035	16 810,962	254 061,282	15,113	14,644	78	77	44 114	324,570	1 771,318	5,457	4,989
29	28	97 949	15 771,087	237 250,320	15,043	14,575	79	78	40 454	279,472	1 446,748	5,177	4,708
30	29	97 861	14 795,161	221 479,233	14,970	14,501	80	79	36 739	238,318	1 167,277	4,898	4,429
31	30	97 768	13 879,091	206 684,072	14,892	14,423	81	80	32 958	200,745	928,959	4,628	4,159
32	31	97 669	13 018,777	192 804,980	14,810	14,341	82	81	29 168	166,818	728,213	4,365	3,897
33	32	97 564	12 211,095	179 786,203	14,723	14,254	83	82	25 442	136,625	561,395	4,109	3,640
34	33	97 460	11 453,522	167 575,108	14,631	14,162	84	83	21 828	110,066	424,770	3,859	3,390
35	34	97 346	10 741,904	156 121,586	14,534	14,065	85	84	18 364	86,944	314,704	3,620	3,151
36	35	97 222	10 073,475	145 379,682	14,432	13,963	86	85	15 087	67,070	227,760	3,396	2,927
37	36	97 092	9 446,007	135 306,207	14,324	13,855	87	86	12 066	50,368	160,689	3,190	2,722
38	37	96 951	8 856,598	125 860,201	14,211	13,742	88	87	9 354	36,662	110,321	3,009	2,540
39	38	96 796	8 302,725	117 003,603	14,092	13,623	89	88	7 032	25,880	73,659	2,846	2,377
40	39	96 625	7 782,244	108 700,878	13,968	13,499	90	89	5 139	17,759	47,780	2,690	2,222
41	40	96 425	7 292,177	100 918,634	13,839	13,371	91	90	3 670	11,909	30,021	2,521	2,052
42	41	96 213	6 832,070	93 626,457	13,704	13,235	92	91	2 519	7,675	18,112	2,360	1,891
43	42	95 978	6 399,422	86 794,386	13,563	13,094	93	92	1 630	4,664	10,437	2,238	1,769
44	43	95 703	5 991,619	80 394,964	13,418	12,949	94	93	1 013	2,720	5,773	2,122	1,654
45	44	95 399	5 608,035	74 403,345	13,267	12,799	95	94	600	1,513	3,053	2,017	1,549
46	45	95 061	5 247,127	68 795,311	13,111	12,642	96	95	338	0,801	1,540	1,922	1,453
47	46	94 671	4 906,663	63 548,184	12,951	12,483	97	96	181	0,402	0,738	1,835	1,366
48	47	94 232	4 585,821	58 641,521	12,788	12,319	98	97	92	0,191	0,336	1,756	1,287
49	48	93 736	4 283,283	54 055,700	12,620	12,151	99	98	44	0,086	0,145	1,684	1,215
							100	99	20	0,036	0,059	1,619	1,150

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	4 006,195	50 093,391	12,504	12,035
1							51	49	92 800	3 738,675	46 087,196	12,327	11,858
2	0	99 558	87 776,552	1 406 427,506	16,023	15,554	52	50	92 161	3 486,330	42 348,520	12,147	11,678
3	1	99 221	82 139,774	1 318 650,953	16,054	15,585	53	51	91 462	3 248,724	38 862,190	11,962	11,494
4	2	99 178	77 092,977	1 236 511,179	16,039	15,570	54	52	90 711	3 025,389	35 613,466	11,772	11,303
5	3	99 147	72 365,673	1 159 418,202	16,022	15,553	55	53	89 880	2 814,716	32 588,077	11,578	11,109
6	4	99 122	67 931,385	1 087 052,529	16,002	15,533	56	54	88 989	2 616,717	29 773,360	11,378	10,909
7	5	99 099	63 770,970	1 019 121,144	15,981	15,512	57	55	88 044	2 430,939	27 156,643	11,171	10,703
8	6	99 081	59 867,638	955 350,174	15,958	15,489	58	56	87 029	2 256,246	24 725,705	10,959	10,490
9	7	99 063	56 203,833	895 482,536	15,933	15,464	59	57	85 932	2 091,843	22 469,459	10,741	10,273
10	8	99 046	52 764,613	839 278,703	15,906	15,437	60	58	84 756	1 937,294	20 377,616	10,519	10,050
11	9	99 031	49 536,731	786 514,090	15,877	15,409	61	59	83 475	1 791,562	18 440,322	10,293	9,824
12	10	99 016	46 505,887	736 977,359	15,847	15,378	62	60	82 142	1 655,358	16 648,760	10,057	9,589
13	11	98 997	43 659,416	690 471,471	15,815	15,346	63	61	80 689	1 526,823	14 993,402	9,820	9,351
14	12	98 981	40 987,912	646 812,055	15,781	15,312	64	62	79 176	1 406,764	13 466,578	9,573	9,104
15	13	98 957	38 477,006	605 824,143	15,745	15,276	65	63	77 549	1 293,751	12 059,814	9,322	8,853
16	14	98 927	36 117,874	567 347,137	15,708	15,239	66	64	75 831	1 187,881	10 766,063	9,063	8,595
17	15	98 886	33 899,244	531 229,263	15,671	15,202	67	65	74 030	1 088,895	9 578,182	8,796	8,327
18	16	98 839	31 815,094	497 330,019	15,632	15,163	68	66	72 133	996,231	8 489,287	8,521	8,053
19	17	98 768	29 851,926	465 514,925	15,594	15,125	69	67	70 134	909,507	7 493,055	8,239	7,770
20	18	98 697	28 009,775	435 662,998	15,554	15,085	70	68	67 999	828,000	6 583,548	7,951	7,482
21	19	98 616	26 278,805	407 653,223	15,513	15,044	71	69	65 745	751,689	5 755,548	7,657	7,188
22	20	98 539	24 655,716	381 374,418	15,468	14,999	72	70	63 344	680,037	5 003,859	7,358	6,889
23	21	98 463	23 132,999	356 718,702	15,420	14,952	73	71	60 766	612,549	4 323,822	7,059	6,590
24	22	98 387	21 704,471	333 585,702	15,369	14,901	74	72	58 033	549,297	3 711,273	6,756	6,288
25	23	98 308	20 363,363	311 881,232	15,316	14,847	75	73	55 073	489,461	3 161,976	6,460	5,991
26	24	98 228	19 104,850	291 517,868	15,259	14,790	76	74	51 969	433,683	2 672,515	6,162	5,694
27	25	98 145	17 923,795	272 413,018	15,198	14,730	77	75	48 714	381,709	2 238,833	5,865	5,397
28	26	98 061	16 815,454	254 489,223	15,134	14,666	78	76	45 261	333,011	1 857,124	5,577	5,108
29	27	97 974	15 775,159	237 673,769	15,066	14,598	79	77	41 660	287,805	1 524,113	5,296	4,827
30	28	97 886	14 799,005	221 898,610	14,994	14,525	80	78	38 003	246,517	1 236,309	5,015	4,546
31	29	97 796	13 882,942	207 099,604	14,918	14,449	81	79	34 244	208,578	989,792	4,745	4,277
32	30	97 696	13 022,351	193 216,662	14,837	14,369	82	80	30 491	174,382	781,214	4,480	4,011
33	31	97 596	12 215,078	180 194,312	14,752	14,283	83	81	26 767	143,739	606,832	4,222	3,753
34	32	97 494	11 457,490	167 979,234	14,661	14,192	84	82	23 144	116,702	463,093	3,968	3,499
35	33	97 381	10 745,791	156 521,744	14,566	14,097	85	83	19 639	92,984	346,390	3,725	3,257
36	34	97 262	10 077,565	145 775,952	14,465	13,997	86	84	16 292	72,429	253,406	3,499	3,030
37	35	97 133	9 450,034	135 698,388	14,360	13,891	87	85	13 191	55,065	180,977	3,287	2,818
38	36	96 996	8 860,730	126 248,354	14,248	13,779	88	86	10 354	40,584	125,912	3,102	2,634
39	37	96 847	8 307,101	117 387,624	14,131	13,662	89	87	7 943	29,232	85,328	2,919	2,450
40	38	96 682	7 786,835	109 080,523	14,008	13,540	90	88	5 876	20,307	56,096	2,762	2,294
41	39	96 493	7 297,309	101 293,688	13,881	13,412	91	89	4 266	13,843	35,789	2,585	2,117
42	40	96 282	6 836,944	93 996,380	13,748	13,280	92	90	2 957	9,010	21,946	2,436	1,967
43	41	96 058	6 404,745	87 159,436	13,609	13,140	93	91	1 972	5,641	12,936	2,293	1,824
44	42	95 794	5 997,292	80 754,691	13,465	12,996	94	92	1 249	3,354	7,295	2,175	1,706
45	43	95 500	5 613,960	74 757,400	13,316	12,848	95	93	756	1,908	3,941	2,065	1,597
46	44	95 169	5 253,067	69 143,439	13,162	12,694	96	94	437	1,034	2,033	1,966	1,497
47	45	94 799	4 913,309	63 890,372	13,004	12,535	97	95	240	0,533	0,999	1,875	1,406
48	46	94 378	4 592,944	58 977,064	12,841	12,372	98	96	125	0,260	0,466	1,792	1,324
49	47	93 899	4 290,729	54 384,120	12,675	12,206	99	97	61	0,120	0,206	1,717	1,249
							100	98	28	0,052	0,086	1,649	1,180

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	4 013,160	50 389,371	12,556	12,087
1							51	48	92 972	3 745,616	46 376,212	12,381	11,913
2							52	49	92 354	3 493,639	42 630,596	12,202	11,734
3	0	99 539	82 403,434	1 319 444,205	16,012	15,543	53	50	91 676	3 256,332	39 136,956	12,019	11,550
4	1	99 206	77 114,903	1 237 040,771	16,042	15,573	54	51	90 938	3 032,944	35 880,624	11,830	11,362
5	2	99 163	72 377,341	1 159 925,868	16,026	15,557	55	52	90 130	2 822,537	32 847,681	11,638	11,169
6	3	99 136	67 941,127	1 087 548,526	16,007	15,538	56	53	89 260	2 624,694	30 025,143	11,439	10,971
7	4	99 111	63 778,613	1 019 607,400	15,987	15,518	57	54	88 326	2 438,709	27 400,449	11,236	10,767
8	5	99 090	59 873,054	955 828,786	15,964	15,496	58	55	87 343	2 264,392	24 961,741	11,024	10,555
9	6	99 071	56 208,340	895 955,733	15,940	15,471	59	56	86 259	2 099,807	22 697,349	10,809	10,341
10	7	99 055	52 769,022	839 747,393	15,914	15,445	60	57	85 107	1 945,321	20 597,541	10,588	10,120
11	8	99 038	49 539,808	786 978,371	15,886	15,417	61	58	83 858	1 799,768	18 652,220	10,364	9,895
12	9	99 022	46 508,840	737 438,563	15,856	15,387	62	59	82 537	1 663,306	16 852,452	10,132	9,663
13	10	99 005	43 662,934	690 929,723	15,824	15,355	63	60	81 133	1 535,218	15 189,146	9,894	9,425
14	11	98 989	40 991,168	647 266,789	15,790	15,322	64	61	79 629	1 414,808	13 653,929	9,651	9,182
15	12	98 964	38 479,956	606 275,621	15,756	15,287	65	62	78 039	1 301,920	12 239,120	9,401	8,932
16	13	98 937	36 121,428	567 795,666	15,719	15,250	66	63	76 340	1 195,856	10 937,200	9,146	8,677
17	14	98 898	33 903,441	531 674,238	15,682	15,213	67	64	74 567	1 096,788	9 741,344	8,882	8,413
18	15	98 852	31 819,408	497 770,797	15,644	15,175	68	65	72 696	1 004,005	8 644,557	8,610	8,141
19	16	98 784	29 856,726	465 951,390	15,606	15,138	69	66	70 715	917,045	7 640,552	8,332	7,863
20	17	98 714	28 014,693	436 094,663	15,567	15,098	70	67	68 618	835,536	6 723,507	8,047	7,578
21	18	98 638	26 284,547	408 079,971	15,525	15,057	71	68	66 395	759,125	5 887,971	7,756	7,288
22	19	98 560	24 661,020	381 795,424	15,482	15,013	72	69	64 046	687,578	5 128,846	7,459	6,991
23	20	98 484	23 137,881	357 134,404	15,435	14,966	73	70	61 501	619,957	4 441,268	7,164	6,695
24	21	98 409	21 709,163	333 996,523	15,385	14,916	74	71	58 818	556,725	3 821,311	6,864	6,395
25	22	98 331	20 368,044	312 287,360	15,332	14,863	75	72	55 939	497,155	3 264,586	6,567	6,098
26	23	98 250	19 109,197	291 919,316	15,276	14,808	76	73	52 886	441,333	2 767,432	6,271	5,802
27	24	98 168	17 927,871	272 810,119	15,217	14,748	77	74	49 674	389,230	2 326,098	5,976	5,507
28	25	98 083	16 819,202	254 882,248	15,154	14,685	78	75	46 293	340,600	1 936,868	5,687	5,218
29	26	98 001	15 779,375	238 063,046	15,087	14,618	79	76	42 743	295,290	1 596,269	5,406	4,937
30	27	97 911	14 802,826	222 283,671	15,016	14,548	80	77	39 136	253,867	1 300,979	5,125	4,656
31	28	97 821	13 886,549	207 480,845	14,941	14,472	81	78	35 422	215,753	1 047,112	4,853	4,385
32	29	97 723	13 025,964	193 594,296	14,862	14,393	82	79	31 680	181,186	831,358	4,588	4,120
33	30	97 623	12 218,431	180 568,333	14,778	14,310	83	80	27 980	150,256	650,173	4,327	3,858
34	31	97 525	11 461,227	168 349,902	14,689	14,220	84	81	24 350	122,780	499,916	4,072	3,603
35	32	97 415	10 749,514	156 888,675	14,595	14,126	85	82	20 824	98,591	377,137	3,825	3,357
36	33	97 297	10 081,212	146 139,160	14,496	14,027	86	83	17 424	77,461	278,546	3,596	3,127
37	34	97 173	9 453,870	136 057,948	14,392	13,923	87	84	14 245	59,465	201,085	3,382	2,913
38	35	97 038	8 864,507	126 604,078	14,282	13,813	88	85	11 320	44,369	141,620	3,192	2,723
39	36	96 892	8 310,976	117 739,571	14,167	13,698	89	86	8 792	32,359	97,252	3,005	2,537
40	37	96 733	7 790,938	109 428,594	14,046	13,577	90	87	6 637	22,937	64,893	2,829	2,360
41	38	96 550	7 301,614	101 637,656	13,920	13,451	91	88	4 878	15,829	41,956	2,651	2,182
42	39	96 350	6 841,755	94 336,042	13,788	13,320	92	89	3 438	10,474	26,126	2,494	2,026
43	40	96 127	6 409,313	87 494,287	13,651	13,182	93	90	2 315	6,622	15,652	2,364	1,895
44	41	95 874	6 002,279	81 084,974	13,509	13,040	94	91	1 510	4,056	9,030	2,226	1,758
45	42	95 590	5 619,276	75 082,695	13,362	12,893	95	92	933	2,353	4,974	2,114	1,645
46	43	95 269	5 258,618	69 463,419	13,209	12,741	96	93	551	1,304	2,621	2,010	1,541
47	44	94 907	4 918,871	64 204,801	13,053	12,584	97	94	309	0,688	1,317	1,915	1,447
48	45	94 506	4 599,165	59 285,930	12,891	12,422	98	95	165	0,344	0,630	1,829	1,361
49	46	94 045	4 297,394	54 686,765	12,726	12,257	99	96	83	0,163	0,285	1,751	1,282
							100	97	40	0,073	0,122	1,680	1,211



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	4 019,393	50 661,920	12,604	12,136
1							51	47	93 134	3 752,127	46 642,526	12,431	11,962
2							52	48	92 526	3 500,125	42 890,399	12,254	11,785
3							53	49	91 869	3 263,159	39 390,274	12,071	11,602
4	0	99 524	77 362,433	1 237 773,773	16,000	15,531	54	50	91 150	3 040,047	36 127,115	11,884	11,415
5	1	99 191	72 397,927	1 160 411,340	16,028	15,559	55	51	90 355	2 829,585	33 087,068	11,693	11,225
6	2	99 152	67 952,082	1 088 013,413	16,011	15,543	56	52	89 508	2 631,987	30 257,483	11,496	11,027
7	3	99 125	63 787,760	1 020 061,332	15,991	15,523	57	53	88 595	2 446,143	27 625,497	11,293	10,825
8	4	99 102	59 880,230	956 273,572	15,970	15,501	58	54	87 622	2 271,630	25 179,354	11,084	10,616
9	5	99 080	56 213,425	896 393,342	15,946	15,478	59	55	86 571	2 107,389	22 907,724	10,870	10,401
10	6	99 063	52 773,253	840 179,917	15,921	15,452	60	56	85 432	1 952,728	20 800,335	10,652	10,183
11	7	99 046	49 543,947	787 406,664	15,893	15,424	61	57	84 205	1 807,225	18 847,608	10,429	9,960
12	8	99 028	46 511,729	737 862,717	15,864	15,395	62	58	82 915	1 670,925	17 040,382	10,198	9,729
13	9	99 011	43 665,706	691 350,988	15,833	15,364	63	59	81 522	1 542,589	15 369,458	9,963	9,495
14	10	98 996	40 994,470	647 685,282	15,799	15,331	64	60	80 067	1 422,587	13 826,869	9,720	9,251
15	11	98 972	38 483,012	606 690,812	15,765	15,296	65	61	78 485	1 309,365	12 404,282	9,474	9,005
16	12	98 945	36 124,197	568 207,800	15,729	15,261	66	62	76 822	1 203,407	11 094,917	9,220	8,751
17	13	98 908	33 906,776	532 083,603	15,693	15,224	67	63	75 068	1 104,151	9 891,510	8,958	8,490
18	14	98 864	31 823,347	498 176,827	15,654	15,186	68	64	73 223	1 011,282	8 787,360	8,689	8,221
19	15	98 797	29 860,774	466 353,480	15,618	15,149	69	65	71 267	924,200	7 776,078	8,414	7,945
20	16	98 730	28 019,197	436 492,705	15,578	15,110	70	66	69 187	842,461	6 851,878	8,133	7,664
21	17	98 655	26 289,161	408 473,508	15,538	15,069	71	67	66 999	766,035	6 009,417	7,845	7,376
22	18	98 582	24 666,408	382 184,347	15,494	15,025	72	68	64 680	694,380	5 243,382	7,551	7,082
23	19	98 505	23 142,858	357 517,939	15,448	14,980	73	69	62 183	626,831	4 549,003	7,257	6,788
24	20	98 430	21 713,745	334 375,081	15,399	14,930	74	70	59 529	563,457	3 922,171	6,961	6,492
25	21	98 352	20 372,447	312 661,336	15,347	14,879	75	71	56 695	503,878	3 358,714	6,666	6,197
26	22	98 273	19 113,589	292 288,889	15,292	14,823	76	72	53 717	448,270	2 854,836	6,369	5,900
27	23	98 190	17 931,950	273 175,300	15,234	14,765	77	73	50 550	396,097	2 406,566	6,076	5,607
28	24	98 105	16 823,027	255 243,350	15,172	14,704	78	74	47 205	347,311	2 010,469	5,789	5,320
29	25	98 022	15 782,892	238 420,323	15,106	14,638	79	75	43 717	302,019	1 663,158	5,507	5,038
30	26	97 937	14 806,782	222 637,431	15,036	14,567	80	76	40 154	260,470	1 361,139	5,226	4,757
31	27	97 846	13 890,134	207 830,649	14,962	14,494	81	77	36 478	222,186	1 100,669	4,954	4,485
32	28	97 749	13 029,348	193 940,515	14,885	14,416	82	78	32 770	187,419	878,483	4,687	4,219
33	29	97 650	12 221,821	180 911,167	14,802	14,334	83	79	29 072	156,119	691,064	4,427	3,958
34	30	97 552	11 464,373	168 689,346	14,714	14,245	84	80	25 454	128,346	534,945	4,168	3,699
35	31	97 447	10 753,020	157 224,973	14,621	14,153	85	81	21 908	103,725	406,599	3,920	3,451
36	32	97 331	10 084,705	146 471,953	14,524	14,055	86	82	18 475	82,132	302,874	3,688	3,219
37	33	97 208	9 457,292	136 387,248	14,421	13,953	87	83	15 235	63,596	220,742	3,471	3,002
38	34	97 077	8 868,106	126 929,956	14,313	13,844	88	84	12 224	47,913	157,147	3,280	2,811
39	35	96 933	8 314,520	118 061,850	14,199	13,731	89	85	9 612	35,376	109,233	3,088	2,619
40	36	96 778	7 794,573	109 747,331	14,080	13,611	90	86	7 348	25,391	73,857	2,909	2,440
41	37	96 601	7 305,461	101 952,757	13,956	13,487	91	87	5 510	17,879	48,466	2,711	2,242
42	38	96 407	6 845,791	94 647,296	13,826	13,357	92	88	3 931	11,977	30,586	2,554	2,085
43	39	96 194	6 413,824	87 801,505	13,689	13,221	93	89	2 691	7,698	18,610	2,417	1,949
44	40	95 942	6 006,561	81 387,681	13,550	13,081	94	90	1 773	4,762	10,911	2,291	1,823
45	41	95 670	5 623,949	75 381,120	13,404	12,935	95	91	1 128	2,845	6,150	2,161	1,693
46	42	95 360	5 263,597	69 757,171	13,253	12,784	96	92	679	1,608	3,304	2,055	1,586
47	43	95 007	4 924,069	64 493,574	13,098	12,629	97	93	390	0,867	1,696	1,957	1,488
48	44	94 613	4 604,371	59 569,505	12,938	12,469	98	94	213	0,444	0,829	1,867	1,398
49	45	94 172	4 303,214	54 965,134	12,773	12,304	99	95	110	0,216	0,385	1,785	1,317
							100	96	54	0,099	0,169	1,711	1,242

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	4 024,837	50 912,437	12,650	12,181
1							51	46	93 279	3 757,956	46 887,600	12,477	12,008
2							52	47	92 687	3 506,210	43 129,644	12,301	11,832
3							53	48	92 039	3 269,217	39 623,434	12,120	11,651
4							54	49	91 342	3 046,420	36 354,217	11,933	11,465
5	0	99 510	72 630,316	1 161 088,553	15,986	15,518	55	50	90 566	2 836,212	33 307,798	11,744	11,275
6	1	99 180	67 971,408	1 088 458,238	16,013	15,545	56	51	89 731	2 638,559	30 471,586	11,549	11,080
7	2	99 141	63 798,045	1 020 486,830	15,996	15,527	57	52	88 841	2 452,940	27 833,027	11,347	10,878
8	3	99 116	59 888,817	956 688,785	15,974	15,506	58	53	87 889	2 278,555	25 380,087	11,139	10,670
9	4	99 092	56 220,163	896 799,967	15,952	15,483	59	54	86 848	2 114,125	23 101,533	10,927	10,458
10	5	99 072	52 778,027	840 579,805	15,927	15,458	60	55	85 740	1 959,778	20 987,408	10,709	10,240
11	6	99 054	49 547,920	787 801,777	15,900	15,431	61	56	84 526	1 814,106	19 027,630	10,489	10,020
12	7	99 036	46 515,615	738 253,857	15,871	15,402	62	57	83 258	1 677,848	17 213,524	10,259	9,791
13	8	99 018	43 668,418	691 738,243	15,841	15,372	63	58	81 896	1 549,655	15 535,676	10,025	9,557
14	9	99 003	40 997,073	648 069,825	15,808	15,339	64	59	80 451	1 429,417	13 986,021	9,784	9,316
15	10	98 980	38 486,112	607 072,752	15,774	15,305	65	60	78 916	1 316,564	12 556,604	9,537	9,069
16	11	98 952	36 127,066	568 586,639	15,739	15,270	66	61	77 261	1 210,288	11 240,041	9,287	8,818
17	12	98 915	33 909,376	532 459,573	15,702	15,234	67	62	75 542	1 111,123	10 029,753	9,027	8,558
18	13	98 874	31 826,478	498 550,198	15,665	15,196	68	63	73 714	1 018,071	8 918,630	8,760	8,292
19	14	98 809	29 864,471	466 723,720	15,628	15,159	69	64	71 784	930,899	7 900,559	8,487	8,018
20	15	98 743	28 022,996	436 859,248	15,589	15,121	70	65	69 727	849,035	6 969,660	8,209	7,740
21	16	98 671	26 293,388	408 836,252	15,549	15,080	71	66	67 555	772,383	6 120,626	7,924	7,456
22	17	98 599	24 670,738	382 542,864	15,506	15,037	72	67	65 268	700,700	5 348,242	7,633	7,164
23	18	98 526	23 147,915	357 872,126	15,460	14,991	73	68	62 798	633,032	4 647,543	7,342	6,873
24	19	98 451	21 718,415	334 724,211	15,412	14,943	74	69	60 190	569,706	4 014,511	7,047	6,578
25	20	98 373	20 376,746	313 005,796	15,361	14,892	75	70	57 381	509,971	3 444,805	6,755	6,286
26	21	98 294	19 117,721	292 629,049	15,307	14,838	76	71	54 443	454,332	2 934,834	6,460	5,991
27	22	98 212	17 936,071	273 511,328	15,249	14,780	77	72	51 345	402,323	2 480,502	6,165	5,697
28	23	98 128	16 826,855	255 575,257	15,189	14,720	78	73	48 038	353,438	2 078,179	5,880	5,411
29	24	98 045	15 786,481	238 748,402	15,124	14,655	79	74	44 579	307,970	1 724,741	5,600	5,132
30	25	97 959	14 810,082	222 961,921	15,055	14,586	80	75	41 069	266,405	1 416,770	5,318	4,849
31	26	97 872	13 893,846	208 151,839	14,982	14,513	81	76	37 427	227,965	1 150,365	5,046	4,577
32	27	97 774	13 032,712	194 257,993	14,905	14,437	82	77	33 747	193,007	922,400	4,779	4,310
33	28	97 676	12 224,996	181 225,281	14,824	14,355	83	78	30 072	161,490	729,393	4,517	4,048
34	29	97 579	11 467,554	169 000,285	14,737	14,269	84	79	26 447	133,354	567,904	4,259	3,790
35	30	97 473	10 755,972	157 532,731	14,646	14,177	85	80	22 901	108,428	434,550	4,008	3,539
36	31	97 362	10 087,994	146 776,759	14,550	14,081	86	81	19 437	86,409	326,122	3,774	3,305
37	32	97 242	9 460,568	136 688,765	14,448	13,980	87	82	16 154	67,430	239,713	3,555	3,086
38	33	97 112	8 871,316	127 228,197	14,342	13,873	88	83	13 074	51,242	172,283	3,362	2,893
39	34	96 972	8 317,895	118 356,881	14,229	13,760	89	84	10 380	38,203	121,041	3,168	2,700
40	35	96 819	7 797,896	110 038,986	14,111	13,643	90	85	8 033	27,758	82,838	2,984	2,515
41	36	96 646	7 308,870	102 241,089	13,989	13,520	91	86	6 100	19,792	55,079	2,783	2,314
42	37	96 457	6 849,399	94 932,220	13,860	13,391	92	87	4 440	13,528	35,287	2,608	2,140
43	38	96 251	6 417,607	88 082,821	13,725	13,256	93	88	3 077	8,803	21,759	2,472	2,003
44	39	96 009	6 010,788	81 665,214	13,586	13,118	94	89	2 061	5,536	12,957	2,341	1,872
45	40	95 738	5 627,961	75 654,426	13,443	12,974	95	90	1 324	3,340	7,421	2,222	1,753
46	41	95 439	5 267,974	70 026,465	13,293	12,824	96	91	821	1,945	4,081	2,099	1,630
47	42	95 097	4 928,731	64 758,490	13,139	12,670	97	92	481	1,069	2,136	1,998	1,529
48	43	94 713	4 609,237	59 829,759	12,980	12,512	98	93	268	0,560	1,067	1,905	1,436
49	44	94 279	4 308,086	55 220,523	12,818	12,349	99	94	142	0,278	0,507	1,820	1,351
							100	95	71	0,131	0,228	1,743	1,274

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	4 029,394	51 142,130	12,692	12,224
1							51	45	93 405	3 763,045	47 112,736	12,520	12,051
2							52	46	92 831	3 511,656	43 349,691	12,345	11,876
3							53	47	92 199	3 274,900	39 838,035	12,165	11,696
4							54	48	91 511	3 052,075	36 563,135	11,980	11,511
5							55	49	90 756	2 842,158	33 511,060	11,791	11,322
6	0	99 498	68 189,589	1 089 083,844	15,971	15,503	56	50	89 942	2 644,738	30 668,902	11,596	11,127
7	1	99 170	63 816,190	1 020 894,255	15,997	15,529	57	51	89 063	2 459,065	28 024,164	11,396	10,928
8	2	99 132	59 898,474	957 078,066	15,978	15,510	58	52	88 134	2 284,886	25 565,099	11,189	10,720
9	3	99 106	56 228,225	897 179,591	15,956	15,487	59	53	87 112	2 120,570	23 280,213	10,978	10,510
10	4	99 083	52 784,354	840 951,366	15,932	15,463	60	54	86 014	1 966,042	21 159,644	10,763	10,294
11	5	99 063	49 552,402	788 167,013	15,906	15,437	61	55	84 831	1 820,656	19 193,602	10,542	10,073
12	6	99 044	46 519,345	738 614,611	15,878	15,409	62	56	83 575	1 684,236	17 372,946	10,315	9,846
13	7	99 026	43 672,067	692 095,266	15,848	15,379	63	57	82 235	1 556,076	15 688,710	10,082	9,613
14	8	99 009	40 999,620	648 423,199	15,815	15,347	64	58	80 820	1 435,964	14 132,634	9,842	9,373
15	9	98 986	38 488,556	607 423,580	15,782	15,313	65	59	79 295	1 322,885	12 696,670	9,598	9,129
16	10	98 960	36 129,977	568 935,024	15,747	15,278	66	60	77 686	1 216,942	11 373,785	9,346	8,877
17	11	98 923	33 912,069	532 805,048	15,711	15,243	67	61	75 973	1 117,476	10 156,843	9,089	8,620
18	12	98 881	31 828,918	498 892,979	15,674	15,205	68	62	74 180	1 024,499	9 039,367	8,823	8,354
19	13	98 819	29 867,409	467 064,061	15,638	15,169	69	63	72 266	937,149	8 014,868	8,552	8,084
20	14	98 755	28 026,466	437 196,651	15,599	15,131	70	64	70 232	855,188	7 077,719	8,276	7,807
21	15	98 684	26 296,953	409 170,186	15,560	15,091	71	65	68 082	778,410	6 222,531	7,994	7,525
22	16	98 615	24 674,705	382 873,233	15,517	15,048	72	66	65 809	706,507	5 444,121	7,706	7,237
23	17	98 544	23 151,979	358 198,527	15,472	15,003	73	67	63 370	638,794	4 737,614	7,416	6,948
24	18	98 472	21 723,160	335 046,549	15,423	14,955	74	68	60 785	575,341	4 098,820	7,124	6,655
25	19	98 394	20 381,129	313 323,388	15,373	14,904	75	69	58 017	515,626	3 523,479	6,833	6,365
26	20	98 314	19 121,756	292 942,259	15,320	14,851	76	70	55 102	459,827	3 007,853	6,541	6,073
27	21	98 234	17 939,949	273 820,503	15,263	14,794	77	71	52 039	407,764	2 548,026	6,249	5,780
28	22	98 150	16 830,722	255 880,554	15,203	14,734	78	72	48 793	358,994	2 140,262	5,962	5,493
29	23	98 067	15 790,072	239 049,832	15,139	14,671	79	73	45 365	313,403	1 781,269	5,684	5,215
30	24	97 982	14 813,450	223 259,760	15,071	14,603	80	74	41 878	271,655	1 467,866	5,403	4,935
31	25	97 894	13 896,943	208 446,309	14,999	14,531	81	75	38 280	233,160	1 196,211	5,130	4,662
32	26	97 800	13 036,195	194 549,366	14,924	14,455	82	76	34 625	198,027	963,051	4,863	4,394
33	27	97 701	12 228,153	181 513,172	14,844	14,375	83	77	30 969	166,305	765,024	4,600	4,131
34	28	97 605	11 470,533	169 285,019	14,758	14,290	84	78	27 357	137,942	598,719	4,340	3,872
35	29	97 500	10 758,956	157 814,486	14,668	14,199	85	79	23 795	112,658	460,778	4,090	3,621
36	30	97 389	10 090,763	147 055,530	14,573	14,105	86	80	20 318	90,326	348,120	3,854	3,385
37	31	97 273	9 463,654	136 964,767	14,473	14,004	87	81	16 995	70,942	257,793	3,634	3,165
38	32	97 146	8 874,389	127 501,113	14,367	13,899	88	82	13 862	54,332	186,851	3,439	2,970
39	33	97 007	8 320,906	118 626,724	14,256	13,788	89	83	11 101	40,857	132,520	3,244	2,775
40	34	96 859	7 801,062	110 305,818	14,140	13,671	90	84	8 674	29,976	91,663	3,058	2,589
41	35	96 687	7 311,986	102 504,756	14,019	13,550	91	85	6 669	21,638	61,687	2,851	2,382
42	36	96 502	6 852,594	95 192,770	13,891	13,423	92	86	4 915	14,975	40,049	2,674	2,206
43	37	96 302	6 420,989	88 340,176	13,758	13,289	93	87	3 476	9,943	25,073	2,522	2,053
44	38	96 066	6 014,334	81 919,187	13,621	13,152	94	88	2 356	6,330	15,131	2,390	1,922
45	39	95 805	5 631,922	75 904,853	13,478	13,009	95	89	1 540	3,883	8,801	2,266	1,798
46	40	95 507	5 271,732	70 272,931	13,330	12,861	96	90	964	2,283	4,918	2,154	1,686
47	41	95 176	4 932,830	65 001,199	13,177	12,709	97	91	581	1,293	2,635	2,038	1,569
48	42	94 803	4 613,601	60 068,369	13,020	12,551	98	92	331	0,691	1,342	1,943	1,474
49	43	94 379	4 312,638	55 454,768	12,859	12,390	99	93	179	0,351	0,651	1,855	1,386
							100	94	92	0,169	0,300	1,775	1,306

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	4 033,651	51 352,705	12,731	12,262
1							51	44	93 511	3 767,306	47 319,054	12,560	12,092
2							52	45	92 956	3 516,412	43 551,748	12,385	11,917
3							53	46	92 342	3 279,987	40 035,336	12,206	11,737
4							54	47	91 670	3 057,381	36 755,349	12,022	11,553
5							55	48	90 925	2 847,434	33 697,968	11,835	11,366
6							56	49	90 130	2 650,283	30 850,534	11,640	11,172
7	0	99 488	64 021,033	1 021 472,155	15,955	15,487	57	50	89 272	2 464,824	28 200,251	11,441	10,972
8	1	99 160	59 915,510	957 451,122	15,980	15,511	58	51	88 354	2 290,591	25 735,427	11,235	10,767
9	2	99 122	56 237,291	897 535,612	15,960	15,491	59	52	87 354	2 126,462	23 444,836	11,025	10,557
10	3	99 098	52 791,923	841 298,321	15,936	15,467	60	53	86 276	1 972,036	21 318,375	10,810	10,342
11	4	99 075	49 558,342	788 506,398	15,911	15,442	61	54	85 102	1 826,475	19 346,339	10,592	10,123
12	5	99 053	46 523,553	738 948,056	15,883	15,415	62	55	83 877	1 690,317	17 519,864	10,365	9,896
13	6	99 034	43 675,568	692 424,503	15,854	15,385	63	56	82 548	1 562,000	15 829,547	10,134	9,665
14	7	99 017	41 003,045	648 748,934	15,822	15,353	64	57	81 155	1 441,914	14 267,547	9,895	9,426
15	8	98 993	38 490,946	607 745,889	15,789	15,321	65	58	79 658	1 328,944	12 825,633	9,651	9,182
16	9	98 967	36 132,270	569 254,943	15,755	15,286	66	59	78 059	1 222,785	11 496,688	9,402	8,933
17	10	98 931	33 914,801	533 122,672	15,719	15,251	67	60	76 391	1 123,620	10 273,904	9,144	8,675
18	11	98 889	31 831,446	499 207,871	15,683	15,214	68	61	74 604	1 030,357	9 150,284	8,881	8,412
19	12	98 826	29 869,699	467 376,425	15,647	15,178	69	62	72 722	943,066	8 119,926	8,610	8,141
20	13	98 765	28 029,223	437 506,726	15,609	15,140	70	63	70 703	860,930	7 176,860	8,336	7,867
21	14	98 696	26 300,209	409 477,504	15,569	15,101	71	64	68 575	784,052	6 315,931	8,055	7,587
22	15	98 628	24 678,051	383 177,295	15,527	15,058	72	65	66 323	712,020	5 531,879	7,769	7,301
23	16	98 560	23 155,701	358 499,244	15,482	15,013	73	66	63 895	644,088	4 819,859	7,483	7,014
24	17	98 489	21 726,974	335 343,543	15,434	14,966	74	67	61 338	580,578	4 175,771	7,192	6,724
25	18	98 415	20 385,582	313 616,568	15,384	14,915	75	68	58 591	520,727	3 595,193	6,904	6,435
26	19	98 336	19 125,869	293 230,986	15,332	14,863	76	69	55 713	464,926	3 074,466	6,613	6,144
27	20	98 254	17 943,735	274 105,117	15,276	14,807	77	70	52 668	412,695	2 609,541	6,323	5,854
28	21	98 172	16 834,361	256 161,382	15,217	14,748	78	71	49 453	363,848	2 196,846	6,038	5,569
29	22	98 090	15 793,702	239 327,021	15,153	14,685	79	72	46 078	318,329	1 832,998	5,758	5,289
30	23	98 004	14 816,820	223 533,320	15,086	14,618	80	73	42 617	276,447	1 514,668	5,479	5,010
31	24	97 916	13 900,103	208 716,499	15,015	14,547	81	74	39 034	237,754	1 238,221	5,208	4,739
32	25	97 822	13 039,100	194 816,396	14,941	14,472	82	75	35 414	202,539	1 000,467	4,940	4,471
33	26	97 727	12 231,420	181 777,296	14,862	14,393	83	76	31 774	170,630	797,927	4,676	4,208
34	27	97 630	11 473,495	169 545,875	14,777	14,308	84	77	28 172	142,055	627,297	4,416	3,947
35	28	97 526	10 761,751	158 072,381	14,688	14,220	85	78	24 613	116,534	485,243	4,164	3,695
36	29	97 416	10 093,563	147 310,629	14,595	14,126	86	79	21 111	93,850	368,709	3,929	3,460
37	30	97 300	9 466,252	137 217,067	14,495	14,027	87	80	17 765	74,158	274,858	3,706	3,238
38	31	97 177	8 877,284	127 750,815	14,391	13,922	88	81	14 584	57,161	200,700	3,511	3,042
39	32	97 041	8 323,789	118 873,531	14,281	13,812	89	82	11 771	43,320	143,539	3,313	2,845
40	33	96 894	7 803,885	110 549,743	14,166	13,697	90	83	9 277	32,059	100,219	3,126	2,657
41	34	96 727	7 314,954	102 745,857	14,046	13,577	91	84	7 201	23,367	68,160	2,917	2,448
42	35	96 544	6 855,516	95 430,903	13,920	13,452	92	85	5 373	16,372	44,793	2,736	2,267
43	36	96 347	6 423,985	88 575,387	13,788	13,319	93	86	3 847	11,006	28,422	2,582	2,114
44	37	96 117	6 017,503	82 151,402	13,652	13,183	94	87	2 662	7,149	17,415	2,436	1,967
45	38	95 862	5 635,244	76 133,899	13,510	13,042	95	88	1 760	4,440	10,266	2,312	1,843
46	39	95 574	5 275,442	70 498,655	13,364	12,895	96	89	1 121	2,654	5,825	2,195	1,726
47	40	95 244	4 936,349	65 223,213	13,213	12,744	97	90	683	1,518	3,172	2,089	1,621
48	41	94 882	4 617,438	60 286,864	13,056	12,588	98	91	400	0,835	1,654	1,980	1,511
49	42	94 468	4 316,721	55 669,427	12,896	12,427	99	92	221	0,433	0,818	1,890	1,422
							100	93	116	0,213	0,385	1,807	1,339

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	4 037,471	51 545,596	12,767	12,298
1							51	43	93 609	3 771,286	47 508,126	12,597	12,129
2							52	44	93 062	3 520,393	43 736,839	12,424	11,955
3							53	45	92 468	3 284,430	40 216,446	12,245	11,776
4							54	46	91 813	3 062,130	36 932,017	12,061	11,592
5							55	47	91 083	2 852,384	33 869,886	11,874	11,405
6							56	48	90 297	2 655,203	31 017,502	11,682	11,213
7							57	49	89 459	2 469,991	28 362,300	11,483	11,014
8	0	99 478	60 107,832	957 984,949	15,938	15,469	58	50	88 561	2 295,956	25 892,309	11,277	10,809
9	1	99 150	56 253,286	897 877,117	15,961	15,493	59	51	87 572	2 131,771	23 596,353	11,069	10,600
10	2	99 114	52 800,435	841 623,831	15,940	15,471	60	52	86 516	1 977,515	21 464,582	10,854	10,386
11	3	99 089	49 565,449	788 823,395	15,915	15,446	61	53	85 361	1 832,043	19 487,067	10,637	10,168
12	4	99 065	46 529,130	739 257,947	15,888	15,419	62	54	84 145	1 695,720	17 655,024	10,412	9,943
13	5	99 043	43 679,520	692 728,817	15,859	15,391	63	55	82 846	1 567,640	15 959,304	10,180	9,712
14	6	99 025	41 006,333	649 049,297	15,828	15,359	64	56	81 464	1 447,404	14 391,664	9,943	9,474
15	7	99 001	38 494,162	608 042,965	15,796	15,327	65	57	79 988	1 334,451	12 944,260	9,700	9,231
16	8	98 973	36 134,515	569 548,802	15,762	15,293	66	58	78 417	1 228,386	11 609,810	9,451	8,983
17	9	98 937	33 916,954	533 414,287	15,727	15,258	67	59	76 758	1 129,015	10 381,424	9,195	8,726
18	10	98 897	31 834,010	499 497,333	15,691	15,222	68	60	75 014	1 036,022	9 252,409	8,931	8,462
19	11	98 834	29 872,071	467 663,323	15,656	15,187	69	61	73 138	948,459	8 216,387	8,663	8,194
20	12	98 773	28 031,372	437 791,251	15,618	15,149	70	62	71 150	866,366	7 267,928	8,389	7,920
21	13	98 706	26 302,797	409 759,880	15,579	15,110	71	63	69 036	789,316	6 401,562	8,110	7,642
22	14	98 641	24 681,106	383 457,083	15,536	15,068	72	64	66 804	717,180	5 612,247	7,825	7,357
23	15	98 573	23 158,841	358 775,977	15,492	15,023	73	65	64 394	649,114	4 895,066	7,541	7,072
24	16	98 505	21 730,468	335 617,136	15,445	14,976	74	66	61 847	585,389	4 245,953	7,253	6,784
25	17	98 433	20 389,162	313 886,669	15,395	14,926	75	67	59 124	525,466	3 660,563	6,966	6,498
26	18	98 357	19 130,048	293 497,507	15,342	14,873	76	68	56 264	469,525	3 135,097	6,677	6,208
27	19	98 276	17 947,595	274 367,460	15,287	14,818	77	69	53 252	417,271	2 665,572	6,388	5,919
28	20	98 192	16 837,913	256 419,865	15,229	14,760	78	70	50 051	368,248	2 248,301	6,105	5,637
29	21	98 111	15 797,116	239 581,952	15,166	14,697	79	71	46 701	322,634	1 880,053	5,827	5,358
30	22	98 026	14 820,226	223 784,835	15,100	14,631	80	72	43 287	280,792	1 557,418	5,547	5,078
31	23	97 939	13 903,265	208 964,609	15,030	14,561	81	73	39 723	241,949	1 276,626	5,276	4,808
32	24	97 844	13 042,066	195 061,344	14,956	14,488	82	74	36 112	206,530	1 034,677	5,010	4,541
33	25	97 749	12 234,147	182 019,278	14,878	14,409	83	75	32 498	174,518	828,147	4,745	4,277
34	26	97 656	11 476,561	169 785,132	14,794	14,325	84	76	28 905	145,749	653,628	4,485	4,016
35	27	97 551	10 764,530	158 308,571	14,707	14,238	85	77	25 347	120,009	507,879	4,232	3,763
36	28	97 441	10 096,185	147 544,041	14,614	14,145	86	78	21 837	97,079	387,871	3,995	3,527
37	29	97 327	9 468,878	137 447,856	14,516	14,047	87	79	18 459	77,052	290,792	3,774	3,305
38	30	97 204	8 879,721	127 978,978	14,413	13,944	88	80	15 245	59,753	213,740	3,577	3,108
39	31	97 073	8 326,503	119 099,257	14,304	13,835	89	81	12 384	45,576	153,987	3,379	2,910
40	32	96 927	7 806,589	110 772,754	14,190	13,721	90	82	9 836	33,992	108,411	3,189	2,721
41	33	96 762	7 317,602	102 966,165	14,071	13,602	91	83	7 702	24,990	74,419	2,978	2,509
42	34	96 583	6 858,299	95 648,563	13,946	13,478	92	84	5 803	17,680	49,429	2,796	2,327
43	35	96 388	6 426,724	88 790,264	13,816	13,347	93	85	4 206	12,033	31,750	2,639	2,170
44	36	96 162	6 020,311	82 363,540	13,681	13,212	94	86	2 946	7,914	19,717	2,491	2,023
45	37	95 912	5 638,214	76 343,230	13,540	13,072	95	87	1 988	5,015	11,802	2,353	1,885
46	38	95 631	5 278,554	70 705,016	13,395	12,926	96	88	1 281	3,034	6,787	2,237	1,768
47	39	95 311	4 939,823	65 426,462	13,245	12,776	97	89	793	1,765	3,753	2,127	1,658
48	40	94 949	4 620,732	60 486,639	13,090	12,622	98	90	470	0,981	1,988	2,027	1,559
49	41	94 547	4 320,311	55 865,908	12,931	12,462	99	91	267	0,524	1,007	1,924	1,455
							100	92	143	0,263	0,484	1,840	1,371

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	4 040,829	51 722,097	12,800	12,331
1							51	42	93 698	3 774,857	47 681,268	12,631	12,163
2							52	43	93 160	3 524,113	43 906,411	12,459	11,990
3							53	44	92 572	3 288,148	40 382,298	12,281	11,812
4							54	45	91 937	3 066,278	37 094,150	12,097	11,629
5							55	46	91 224	2 856,815	34 027,872	11,911	11,442
6							56	47	90 454	2 659,819	31 171,058	11,719	11,251
7							57	48	89 625	2 474,576	28 511,239	11,522	11,053
8							58	49	88 746	2 300,769	26 036,663	11,317	10,848
9	0	99 469	56 433,853	898 370,248	15,919	15,450	59	50	87 778	2 136,764	23 735,894	11,108	10,640
10	1	99 142	52 815,453	841 936,395	15,941	15,472	60	51	86 732	1 982,453	21 599,130	10,895	10,426
11	2	99 105	49 573,441	789 120,943	15,918	15,449	61	52	85 599	1 837,133	19 616,677	10,678	10,209
12	3	99 079	46 535,802	739 547,502	15,892	15,423	62	53	84 402	1 700,889	17 779,544	10,453	9,984
13	4	99 055	43 684,755	693 011,700	15,864	15,395	63	54	83 111	1 572,650	16 078,655	10,224	9,755
14	5	99 034	41 010,043	649 326,945	15,833	15,365	64	55	81 758	1 452,630	14 506,004	9,986	9,517
15	6	99 009	38 497,249	608 316,902	15,802	15,333	65	56	80 293	1 339,531	13 053,374	9,745	9,276
16	7	98 981	36 137,534	569 819,653	15,768	15,299	66	57	78 742	1 233,476	11 713,843	9,497	9,028
17	8	98 943	33 919,061	533 682,119	15,734	15,265	67	58	77 110	1 134,186	10 480,368	9,240	8,772
18	9	98 904	31 836,032	499 763,058	15,698	15,229	68	59	75 374	1 040,996	9 346,181	8,978	8,509
19	10	98 842	29 874,478	467 927,027	15,663	15,194	69	60	73 540	953,673	8 305,185	8,709	8,240
20	11	98 780	28 033,598	438 052,548	15,626	15,157	70	61	71 557	871,320	7 351,512	8,437	7,968
21	12	98 714	26 304,813	410 018,950	15,587	15,118	71	62	69 471	794,300	6 480,192	8,158	7,690
22	13	98 650	24 683,534	383 714,138	15,545	15,077	72	63	67 252	721,995	5 685,892	7,875	7,407
23	14	98 585	23 161,708	359 030,603	15,501	15,032	73	64	64 860	653,819	4 963,897	7,592	7,123
24	15	98 519	21 733,414	335 868,895	15,454	14,985	74	65	62 329	589,957	4 310,079	7,306	6,837
25	16	98 449	20 392,440	314 135,481	15,405	14,936	75	66	59 614	529,821	3 720,122	7,021	6,553
26	17	98 374	19 133,406	293 743,042	15,352	14,884	76	67	56 776	473,798	3 190,300	6,733	6,265
27	18	98 297	17 951,516	274 609,635	15,297	14,829	77	68	53 779	421,399	2 716,502	6,446	5,978
28	19	98 213	16 841,535	256 658,119	15,240	14,771	78	69	50 606	372,332	2 295,103	6,164	5,695
29	20	98 131	15 800,450	239 816,584	15,178	14,709	79	70	47 266	326,536	1 922,771	5,888	5,420
30	21	98 048	14 823,430	224 016,134	15,112	14,644	80	71	43 872	284,590	1 596,235	5,609	5,140
31	22	97 961	13 906,461	209 192,704	15,043	14,574	81	72	40 347	245,752	1 311,646	5,337	4,869
32	23	97 866	13 045,033	195 286,243	14,970	14,501	82	73	36 749	210,174	1 065,894	5,071	4,603
33	24	97 771	12 236,929	182 241,210	14,893	14,424	83	74	33 139	177,957	855,720	4,809	4,340
34	25	97 678	11 479,119	170 004,282	14,810	14,341	84	75	29 564	149,070	677,763	4,547	4,078
35	26	97 577	10 767,407	158 525,163	14,723	14,254	85	76	26 006	123,130	528,692	4,294	3,825
36	27	97 466	10 098,792	147 757,756	14,631	14,162	86	77	22 488	99,974	405,563	4,057	3,588
37	28	97 352	9 471,338	137 658,964	14,534	14,066	87	78	19 094	79,702	305,589	3,834	3,365
38	29	97 231	8 882,184	128 187,626	14,432	13,963	88	79	15 840	62,084	225,887	3,638	3,170
39	30	97 099	8 328,789	119 305,442	14,324	13,856	89	80	12 945	47,643	163,803	3,438	2,969
40	31	96 959	7 809,135	110 976,653	14,211	13,742	90	81	10 349	35,762	116,160	3,248	2,779
41	32	96 795	7 320,137	103 167,518	14,094	13,625	91	82	8 166	26,497	80,398	3,034	2,565
42	33	96 618	6 860,781	95 847,381	13,970	13,502	92	83	6 206	18,908	53,901	2,851	2,382
43	34	96 427	6 429,333	88 986,600	13,841	13,372	93	84	4 542	12,994	34,993	2,693	2,224
44	35	96 203	6 022,877	82 557,267	13,707	13,239	94	85	3 221	8,652	21,999	2,543	2,074
45	36	95 957	5 640,844	76 534,390	13,568	13,099	95	86	2 201	5,552	13,347	2,404	1,935
46	37	95 681	5 281,336	70 893,546	13,423	12,955	96	87	1 447	3,427	7,795	2,274	1,805
47	38	95 367	4 942,737	65 612,210	13,274	12,806	97	88	907	2,018	4,367	2,165	1,696
48	39	95 016	4 623,983	60 669,473	13,121	12,652	98	89	546	1,140	2,350	2,061	1,592
49	40	94 614	4 323,393	56 045,490	12,963	12,495	99	90	314	0,615	1,210	1,968	1,499
							100	91	173	0,318	0,595	1,871	1,402

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	4 043,711	51 883,370	12,831	12,362
1							51	41	93 776	3 777,997	47 839,659	12,663	12,194
2							52	42	93 248	3 527,450	44 061,662	12,491	12,022
3							53	43	92 670	3 291,622	40 534,212	12,314	11,846
4							54	44	92 041	3 069,749	37 242,590	12,132	11,663
5							55	45	91 348	2 860,684	34 172,841	11,946	11,477
6							56	46	90 595	2 663,950	31 312,157	11,754	11,285
7							57	47	89 781	2 478,878	28 648,207	11,557	11,088
8							58	48	88 911	2 305,040	26 169,329	11,353	10,884
9							59	49	87 962	2 141,243	23 864,289	11,145	10,676
10	0	99 460	52 984,984	842 391,966	15,899	15,430	60	50	86 935	1 987,096	21 723,045	10,932	10,463
11	1	99 133	49 587,540	789 406,982	15,919	15,451	61	51	85 812	1 841,721	19 735,950	10,716	10,247
12	2	99 095	46 543,306	739 819,442	15,895	15,427	62	52	84 636	1 705,615	17 894,229	10,491	10,023
13	3	99 069	43 691,020	693 276,136	15,868	15,399	63	53	83 364	1 577,445	16 188,614	10,263	9,794
14	4	99 046	41 014,958	649 585,117	15,838	15,369	64	54	82 019	1 457,273	14 611,169	10,026	9,558
15	5	99 018	38 500,732	608 570,159	15,807	15,338	65	55	80 583	1 344,368	13 153,896	9,784	9,316
16	6	98 989	36 140,432	570 069,427	15,774	15,305	66	56	79 041	1 238,172	11 809,529	9,538	9,069
17	7	98 952	33 921,895	533 928,995	15,740	15,271	67	57	77 429	1 138,886	10 571,357	9,282	8,813
18	8	98 910	31 838,009	500 007,100	15,705	15,236	68	58	75 719	1 045,765	9 432,471	9,020	8,551
19	9	98 849	29 876,375	468 169,091	15,670	15,201	69	59	73 893	958,252	8 386,706	8,752	8,283
20	10	98 788	28 035,857	438 292,716	15,633	15,165	70	60	71 950	876,110	7 428,454	8,479	8,010
21	11	98 721	26 306,902	410 256,860	15,595	15,126	71	61	69 869	798,842	6 552,344	8,202	7,734
22	12	98 658	24 685,426	383 949,958	15,554	15,085	72	62	67 677	726,554	5 753,503	7,919	7,450
23	13	98 595	23 163,987	359 264,531	15,510	15,041	73	63	65 296	658,208	5 026,949	7,637	7,169
24	14	98 531	21 736,105	336 100,545	15,463	14,994	74	64	62 781	594,233	4 368,741	7,352	6,883
25	15	98 462	20 395,205	314 364,440	15,414	14,945	75	65	60 079	533,955	3 774,508	7,069	6,600
26	16	98 390	19 136,483	293 969,235	15,362	14,893	76	66	57 246	477,725	3 240,552	6,783	6,315
27	17	98 314	17 954,668	274 832,752	15,307	14,838	77	67	54 269	425,234	2 762,827	6,497	6,028
28	18	98 235	16 845,215	256 878,085	15,249	14,781	78	68	51 106	376,015	2 337,593	6,217	5,748
29	19	98 153	15 803,849	240 032,870	15,188	14,720	79	69	47 790	330,157	1 961,578	5,941	5,473
30	20	98 068	14 826,558	224 229,021	15,123	14,655	80	70	44 403	288,031	1 631,421	5,664	5,195
31	21	97 982	13 909,468	209 402,463	15,055	14,586	81	71	40 893	249,075	1 343,390	5,394	4,925
32	22	97 889	13 048,031	195 492,995	14,983	14,514	82	72	37 327	213,477	1 094,315	5,126	4,657
33	23	97 793	12 239,713	182 444,964	14,906	14,437	83	73	33 723	181,097	880,837	4,864	4,395
34	24	97 700	11 481,729	170 205,252	14,824	14,355	84	74	30 146	152,008	699,741	4,603	4,135
35	25	97 599	10 769,807	158 723,522	14,738	14,269	85	75	26 599	125,936	547,733	4,349	3,881
36	26	97 493	10 101,490	147 953,716	14,647	14,178	86	76	23 073	102,574	421,797	4,112	3,643
37	27	97 378	9 473,784	137 852,225	14,551	14,082	87	77	19 663	82,079	319,223	3,889	3,420
38	28	97 256	8 884,492	128 378,442	14,450	13,981	88	78	16 385	64,220	237,144	3,693	3,224
39	29	97 126	8 331,100	119 493,950	14,343	13,874	89	79	13 450	49,502	172,924	3,493	3,025
40	30	96 985	7 811,279	111 162,850	14,231	13,762	90	80	10 818	37,383	123,423	3,302	2,833
41	31	96 827	7 322,524	103 351,571	14,114	13,645	91	81	8 591	27,877	86,040	3,086	2,618
42	32	96 651	6 863,158	96 029,047	13,992	13,523	92	82	6 580	20,048	58,163	2,901	2,432
43	33	96 462	6 431,660	89 165,889	13,864	13,395	93	83	4 858	13,897	38,115	2,743	2,274
44	34	96 242	6 025,323	82 734,229	13,731	13,262	94	84	3 478	9,344	24,218	2,592	2,123
45	35	95 998	5 643,249	76 708,907	13,593	13,124	95	85	2 406	6,070	14,874	2,451	1,982
46	36	95 726	5 283,800	71 065,658	13,450	12,981	96	86	1 602	3,794	8,805	2,321	1,852
47	37	95 417	4 945,341	65 781,858	13,302	12,833	97	87	1 025	2,279	5,011	2,199	1,730
48	38	95 072	4 626,711	60 836,516	13,149	12,680	98	88	624	1,303	2,732	2,096	1,627
49	39	94 681	4 326,436	56 209,805	12,992	12,523	99	89	364	0,715	1,428	1,999	1,530
							100	90	203	0,373	0,714	1,911	1,442

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	4 046,557	52 030,910	12,858	12,389
1							51	40	93 843	3 780,691	47 984,353	12,692	12,223
2							52	41	93 326	3 530,383	44 203,661	12,521	12,052
3							53	42	92 758	3 294,739	40 673,278	12,345	11,876
4							54	43	92 138	3 072,993	37 378,539	12,164	11,695
5							55	44	91 451	2 863,923	34 305,547	11,979	11,510
6							56	45	90 718	2 667,558	31 441,624	11,787	11,318
7							57	46	89 920	2 482,729	28 774,066	11,590	11,121
8							58	47	89 066	2 309,047	26 291,337	11,386	10,917
9							59	48	88 125	2 145,219	23 982,290	11,179	10,711
10							60	49	87 117	1 991,261	21 837,071	10,966	10,498
11	0	99 451	49 746,710	789 827,896	15,877	15,408	61	50	86 013	1 846,034	19 845,810	10,751	10,282
12	1	99 123	46 556,543	740 081,185	15,896	15,428	62	51	84 848	1 709,874	17 999,776	10,527	10,058
13	2	99 085	43 698,065	693 524,642	15,871	15,402	63	52	83 596	1 581,827	16 289,902	10,298	9,829
14	3	99 060	41 020,840	649 826,578	15,841	15,373	64	53	82 269	1 461,715	14 708,074	10,062	9,593
15	4	99 030	38 505,347	608 805,738	15,811	15,342	65	54	80 840	1 348,665	13 246,359	9,822	9,353
16	5	98 998	36 143,701	570 300,391	15,779	15,310	66	55	79 327	1 242,642	11 897,694	9,575	9,106
17	6	98 960	33 924,615	534 156,690	15,745	15,277	67	56	77 724	1 143,222	10 655,052	9,320	8,851
18	7	98 918	31 840,669	500 232,075	15,710	15,242	68	57	76 033	1 050,098	9 511,830	9,058	8,589
19	8	98 855	29 878,231	468 391,406	15,677	15,208	69	58	74 231	962,641	8 461,732	8,790	8,321
20	9	98 795	28 037,636	438 513,175	15,640	15,171	70	59	72 296	880,317	7 499,091	8,519	8,050
21	10	98 729	26 309,022	410 475,539	15,602	15,133	71	60	70 253	803,234	6 618,775	8,240	7,771
22	11	98 666	24 687,387	384 166,517	15,561	15,093	72	61	68 064	730,708	5 815,541	7,959	7,490
23	12	98 602	23 165,762	359 479,130	15,518	15,049	73	62	65 708	662,364	5 084,833	7,677	7,208
24	13	98 541	21 738,243	336 313,368	15,471	15,002	74	63	63 202	598,222	4 422,469	7,393	6,924
25	14	98 474	20 397,730	314 575,124	15,422	14,953	75	64	60 515	537,826	3 824,246	7,111	6,642
26	15	98 404	19 139,077	294 177,395	15,371	14,902	76	65	57 693	481,453	3 286,420	6,826	6,357
27	16	98 330	17 957,555	275 038,317	15,316	14,847	77	66	54 718	428,758	2 804,968	6,542	6,073
28	17	98 252	16 848,172	257 080,763	15,259	14,790	78	67	51 571	379,437	2 376,209	6,262	5,794
29	18	98 174	15 807,302	240 232,590	15,198	14,729	79	68	48 263	333,423	1 996,772	5,989	5,520
30	19	98 089	14 829,748	224 425,289	15,133	14,665	80	69	44 895	291,225	1 663,349	5,712	5,243
31	20	98 003	13 912,403	209 595,541	15,065	14,597	81	70	41 387	252,087	1 372,124	5,443	4,974
32	21	97 910	13 050,852	195 683,139	14,994	14,525	82	71	37 832	216,364	1 120,037	5,177	4,708
33	22	97 816	12 242,526	182 632,286	14,918	14,449	83	72	34 253	183,943	903,672	4,913	4,444
34	23	97 722	11 484,341	170 389,761	14,837	14,368	84	73	30 678	154,689	719,729	4,653	4,184
35	24	97 621	10 772,256	158 905,419	14,751	14,283	85	74	27 123	128,417	565,040	4,400	3,931
36	25	97 514	10 103,742	148 133,163	14,661	14,192	86	75	23 599	104,911	436,622	4,162	3,693
37	26	97 404	9 476,315	138 029,421	14,566	14,097	87	76	20 174	84,213	331,711	3,939	3,470
38	27	97 281	8 886,786	128 553,106	14,466	13,997	88	77	16 873	66,135	247,498	3,742	3,274
39	28	97 152	8 333,264	119 666,321	14,360	13,891	89	78	13 913	51,204	181,363	3,542	3,073
40	29	97 012	7 813,446	111 333,056	14,249	13,780	90	79	11 240	38,842	130,158	3,351	2,882
41	30	96 853	7 324,534	103 519,610	14,133	13,665	91	80	8 981	29,141	91,317	3,134	2,665
42	31	96 683	6 865,397	96 195,076	14,012	13,543	92	81	6 923	21,092	62,176	2,948	2,479
43	32	96 495	6 433,888	89 329,679	13,884	13,416	93	82	5 151	14,735	41,084	2,788	2,319
44	33	96 276	6 027,503	82 895,791	13,753	13,284	94	83	3 720	9,993	26,349	2,637	2,168
45	34	96 037	5 645,540	76 868,288	13,616	13,147	95	84	2 599	6,554	16,356	2,495	2,027
46	35	95 766	5 286,052	71 222,748	13,474	13,005	96	85	1 751	4,148	9,802	2,363	1,894
47	36	95 462	4 947,649	65 936,696	13,327	12,858	97	86	1 134	2,523	5,654	2,241	1,772
48	37	95 122	4 629,149	60 989,047	13,175	12,706	98	87	705	1,472	3,131	2,127	1,658
49	38	94 736	4 328,988	56 359,898	13,019	12,550	99	88	417	0,817	1,659	2,030	1,561
							100	89	236	0,434	0,842	1,939	1,470



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	4 048,944	52 165,656	12,884	12,415
1							51	39	93 909	3 783,352	48 116,713	12,718	12,249
2							52	40	93 392	3 532,902	44 333,360	12,549	12,080
3							53	41	92 835	3 297,479	40 800,459	12,373	11,904
4							54	42	92 226	3 075,902	37 502,980	12,193	11,724
5							55	43	91 548	2 866,949	34 427,077	12,008	11,540
6							56	44	90 820	2 670,578	31 560,129	11,818	11,349
7							57	45	90 042	2 486,091	28 889,551	11,620	11,152
8							58	46	89 204	2 312,634	26 403,459	11,417	10,948
9							59	47	88 278	2 148,948	24 090,825	11,211	10,742
10							60	48	87 279	1 994,958	21 941,878	10,999	10,530
11							61	49	86 194	1 849,904	19 946,920	10,783	10,314
12	0	99 442	46 705,984	740 470,124	15,854	15,385	62	50	85 046	1 713,878	18 097,015	10,559	10,090
13	1	99 113	43 710,493	693 764,140	15,872	15,403	63	51	83 805	1 585,777	16 383,137	10,331	9,863
14	2	99 076	41 027,454	650 053,647	15,844	15,376	64	52	82 498	1 465,777	14 797,360	10,095	9,626
15	3	99 044	38 510,868	609 026,193	15,814	15,346	65	53	81 087	1 352,776	13 331,583	9,855	9,386
16	4	99 010	36 148,033	570 515,324	15,783	15,314	66	54	79 580	1 246,614	11 978,807	9,609	9,140
17	5	98 969	33 927,684	534 367,291	15,750	15,281	67	55	78 004	1 147,349	10 732,192	9,354	8,885
18	6	98 926	31 843,222	500 439,607	15,716	15,247	68	56	76 323	1 054,096	9 584,843	9,093	8,624
19	7	98 863	29 880,727	468 596,385	15,682	15,213	69	57	74 539	966,630	8 530,747	8,825	8,357
20	8	98 801	28 039,378	438 715,658	15,646	15,178	70	58	72 627	884,349	7 564,117	8,553	8,085
21	9	98 736	26 310,692	410 676,280	15,609	15,140	71	59	70 590	807,090	6 679,768	8,276	7,808
22	10	98 674	24 689,376	384 365,588	15,568	15,099	72	60	68 438	734,726	5 872,678	7,993	7,524
23	11	98 610	23 167,602	359 676,212	15,525	15,056	73	61	66 084	666,151	5 137,952	7,713	7,244
24	12	98 548	21 739,910	336 508,609	15,479	15,010	74	62	63 602	602,000	4 471,801	7,428	6,960
25	13	98 484	20 399,737	314 768,700	15,430	14,961	75	63	60 921	541,436	3 869,801	7,147	6,679
26	14	98 416	19 141,447	294 368,963	15,379	14,910	76	64	58 111	484,942	3 328,365	6,863	6,395
27	15	98 343	17 959,989	275 227,516	15,324	14,856	77	65	55 145	432,104	2 843,423	6,580	6,112
28	16	98 268	16 850,881	257 267,527	15,267	14,799	78	66	51 999	382,582	2 411,319	6,303	5,834
29	17	98 191	15 810,077	240 416,646	15,207	14,738	79	67	48 702	336,458	2 028,737	6,030	5,561
30	18	98 111	14 832,988	224 606,569	15,142	14,674	80	68	45 339	294,106	1 692,279	5,754	5,285
31	19	98 024	13 915,395	209 773,581	15,075	14,606	81	69	41 846	254,883	1 398,173	5,486	5,017
32	20	97 930	13 053,606	195 858,186	15,004	14,535	82	70	38 289	218,981	1 143,290	5,221	4,752
33	21	97 837	12 245,173	182 804,580	14,929	14,460	83	71	34 716	186,431	924,310	4,958	4,489
34	22	97 745	11 486,981	170 559,407	14,848	14,379	84	72	31 160	157,121	737,879	4,696	4,228
35	23	97 643	10 774,706	159 072,426	14,764	14,295	85	73	27 602	130,683	580,758	4,444	3,975
36	24	97 536	10 106,040	148 297,719	14,674	14,205	86	74	24 064	106,979	450,075	4,207	3,738
37	25	97 425	9 478,427	138 191,680	14,580	14,111	87	75	20 634	86,133	343,097	3,983	3,515
38	26	97 307	8 889,160	128 713,252	14,480	14,011	88	76	17 312	67,855	256,964	3,787	3,318
39	27	97 177	8 335,416	119 824,092	14,375	13,907	89	77	14 328	52,731	189,109	3,586	3,118
40	28	97 038	7 815,476	111 488,676	14,265	13,796	90	78	11 627	40,178	136,378	3,394	2,926
41	29	96 880	7 326,567	103 673,200	14,150	13,682	91	79	9 331	30,278	96,200	3,177	2,709
42	30	96 709	6 867,281	96 346,633	14,030	13,561	92	80	7 237	22,048	65,922	2,990	2,521
43	31	96 527	6 435,986	89 479,352	13,903	13,434	93	81	5 419	15,502	43,874	2,830	2,361
44	32	96 310	6 029,592	83 043,366	13,773	13,304	94	82	3 944	10,595	28,372	2,678	2,209
45	33	96 072	5 647,583	77 013,774	13,637	13,168	95	83	2 779	7,010	17,777	2,536	2,067
46	34	95 805	5 288,198	71 366,191	13,495	13,027	96	84	1 891	4,479	10,767	2,404	1,935
47	35	95 503	4 949,758	66 077,993	13,350	12,881	97	85	1 240	2,758	6,287	2,280	1,811
48	36	95 167	4 631,309	61 128,235	13,199	12,730	98	86	781	1,630	3,529	2,165	1,697
49	37	94 786	4 331,269	56 496,926	13,044	12,575	99	87	471	0,923	1,900	2,058	1,589
							100	88	270	0,496	0,977	1,968	1,499

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	4 051,077	52 288,657	12,907	12,439
1							51	38	93 964	3 785,584	48 237,579	12,742	12,274
2							52	39	93 458	3 535,388	44 451,995	12,573	12,105
3							53	40	92 901	3 299,831	40 916,607	12,400	11,931
4							54	41	92 302	3 078,460	37 616,776	12,219	11,751
5							55	42	91 635	2 869,663	34 538,316	12,036	11,567
6							56	43	90 916	2 673,400	31 668,653	11,846	11,377
7							57	44	90 144	2 488,906	28 995,253	11,650	11,181
8							58	45	89 325	2 315,766	26 506,347	11,446	10,977
9							59	46	88 415	2 152,286	24 190,581	11,239	10,771
10							60	47	87 431	1 998,426	22 038,295	11,028	10,559
11							61	48	86 354	1 853,338	20 039,869	10,813	10,344
12							62	49	85 225	1 717,472	18 186,530	10,589	10,120
13	0	99 431	43 850,799	694 123,582	15,829	15,360	63	50	84 001	1 589,491	16 469,059	10,361	9,892
14	1	99 104	41 039,123	650 272,783	15,845	15,376	64	51	82 704	1 469,437	14 879,568	10,126	9,657
15	2	99 060	38 517,078	609 233,660	15,817	15,348	65	52	81 312	1 356,535	13 410,131	9,886	9,417
16	3	99 024	36 153,217	570 716,582	15,786	15,317	66	53	79 823	1 250,414	12 053,596	9,640	9,171
17	4	98 980	33 931,751	534 563,365	15,754	15,285	67	54	78 254	1 151,017	10 803,182	9,386	8,917
18	5	98 935	31 846,103	500 631,614	15,720	15,252	68	55	76 598	1 057,902	9 652,165	9,124	8,655
19	6	98 871	29 883,123	468 785,511	15,687	15,219	69	56	74 823	970,310	8 594,263	8,857	8,388
20	7	98 809	28 041,721	438 902,388	15,652	15,183	70	57	72 928	888,013	7 623,953	8,585	8,117
21	8	98 742	26 312,326	410 860,668	15,615	15,146	71	58	70 914	810,787	6 735,940	8,308	7,839
22	9	98 680	24 690,943	384 548,341	15,574	15,106	72	59	68 767	738,253	5 925,153	8,026	7,557
23	10	98 618	23 169,469	359 857,398	15,532	15,063	73	60	66 447	669,814	5 186,900	7,744	7,275
24	11	98 556	21 741,636	336 687,929	15,486	15,017	74	61	63 965	605,442	4 517,086	7,461	6,992
25	12	98 491	20 401,300	314 946,293	15,438	14,969	75	62	61 306	544,855	3 911,644	7,179	6,710
26	13	98 425	19 143,330	294 544,992	15,386	14,918	76	63	58 501	488,198	3 366,788	6,896	6,428
27	14	98 356	17 962,213	275 401,662	15,332	14,864	77	64	55 545	435,236	2 878,591	6,614	6,145
28	15	98 281	16 853,166	257 439,449	15,275	14,807	78	65	52 405	385,567	2 443,355	6,337	5,868
29	16	98 207	15 812,619	240 586,283	15,215	14,746	79	66	49 106	339,246	2 057,787	6,066	5,597
30	17	98 128	14 835,592	224 773,665	15,151	14,682	80	67	45 752	296,783	1 718,541	5,791	5,322
31	18	98 046	13 918,436	209 938,073	15,083	14,615	81	68	42 260	257,404	1 421,758	5,523	5,055
32	19	97 952	13 056,414	196 019,637	15,013	14,545	82	69	38 714	221,409	1 164,354	5,259	4,790
33	20	97 857	12 247,757	182 963,223	14,939	14,470	83	70	35 136	188,685	942,945	4,997	4,529
34	21	97 766	11 489,464	170 715,466	14,858	14,390	84	71	31 582	159,246	754,260	4,736	4,268
35	22	97 666	10 777,183	159 226,002	14,774	14,306	85	72	28 036	132,737	595,014	4,483	4,014
36	23	97 559	10 108,339	148 448,819	14,686	14,217	86	73	24 488	108,866	462,277	4,246	3,778
37	24	97 447	9 480,583	138 340,480	14,592	14,123	87	74	21 041	87,830	353,412	4,024	3,555
38	25	97 329	8 891,142	128 859,897	14,493	14,024	88	75	17 706	69,401	265,582	3,827	3,358
39	26	97 203	8 337,643	119 968,755	14,389	13,920	89	76	14 701	54,103	196,181	3,626	3,157
40	27	97 063	7 817,494	111 631,112	14,280	13,811	90	77	11 973	41,376	142,078	3,434	2,965
41	28	96 905	7 328,470	103 813,618	14,166	13,697	91	78	9 652	31,319	100,702	3,215	2,747
42	29	96 736	6 869,187	96 485,148	14,046	13,577	92	79	7 519	22,908	69,383	3,029	2,560
43	30	96 553	6 437,753	89 615,961	13,920	13,452	93	80	5 665	16,205	46,474	2,868	2,399
44	31	96 341	6 031,558	83 178,208	13,791	13,322	94	81	4 150	11,147	30,269	2,715	2,247
45	32	96 105	5 649,540	77 146,650	13,655	13,187	95	82	2 947	7,432	19,122	2,573	2,104
46	33	95 840	5 290,112	71 497,110	13,515	13,046	96	83	2 023	4,791	11,690	2,440	1,971
47	34	95 541	4 951,767	66 206,998	13,370	12,902	97	84	1 339	2,978	6,899	2,316	1,848
48	35	95 207	4 633,283	61 255,230	13,221	12,752	98	85	853	1,782	3,921	2,201	1,732
49	36	94 831	4 333,290	56 621,947	13,067	12,598	99	86	521	1,022	2,139	2,094	1,625
							100	87	305	0,561	1,117	1,993	1,524

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	4 052,967	52 400,864	12,929	12,460
1							51	37	94 014	3 787,579	48 347,897	12,765	12,296
2							52	38	93 513	3 537,474	44 560,318	12,597	12,128
3							53	39	92 966	3 302,153	41 022,844	12,423	11,954
4							54	40	92 368	3 080,656	37 720,691	12,244	11,776
5							55	41	91 711	2 872,050	34 640,035	12,061	11,592
6							56	42	91 002	2 675,931	31 767,985	11,872	11,403
7							57	43	90 239	2 491,536	29 092,054	11,676	11,208
8							58	44	89 426	2 318,388	26 600,518	11,474	11,005
9							59	45	88 535	2 155,201	24 282,130	11,267	10,798
10							60	46	87 567	2 001,530	22 126,929	11,055	10,586
11							61	47	86 504	1 856,560	20 125,399	10,840	10,371
12							62	48	85 383	1 720,660	18 268,839	10,617	10,149
13							63	49	84 177	1 592,823	16 548,179	10,389	9,920
14	0	99 422	41 170,854	650 605,016	15,803	15,334	64	50	82 898	1 472,878	14 955,355	10,154	9,685
15	1	99 088	38 528,033	609 434,163	15,818	15,349	65	51	81 515	1 359,922	13 482,477	9,914	9,445
16	2	99 040	36 159,047	570 906,130	15,789	15,320	66	52	80 045	1 253,889	12 122,555	9,668	9,199
17	3	98 995	33 936,617	534 747,083	15,757	15,288	67	53	78 492	1 154,526	10 868,666	9,414	8,945
18	4	98 947	31 849,920	500 810,466	15,724	15,255	68	54	76 843	1 061,283	9 714,141	9,153	8,684
19	5	98 880	29 885,826	468 960,546	15,692	15,223	69	55	75 093	973,813	8 652,858	8,886	8,417
20	6	98 817	28 043,969	439 074,720	15,657	15,188	70	56	73 205	891,394	7 679,044	8,615	8,146
21	7	98 750	26 314,525	411 030,751	15,620	15,151	71	57	71 207	814,146	6 787,650	8,337	7,868
22	8	98 686	24 692,477	384 716,226	15,580	15,112	72	58	69 082	741,635	5 973,504	8,055	7,586
23	9	98 624	23 170,940	360 023,749	15,538	15,069	73	59	66 766	673,030	5 231,869	7,774	7,305
24	10	98 564	21 743,388	336 852,809	15,492	15,023	74	60	64 317	608,771	4 558,839	7,489	7,020
25	11	98 499	20 402,921	315 109,421	15,444	14,976	75	61	61 656	547,971	3 950,068	7,209	6,740
26	12	98 433	19 144,797	294 706,500	15,394	14,925	76	62	58 871	491,281	3 402,097	6,925	6,456
27	13	98 365	17 963,980	275 561,703	15,340	14,871	77	63	55 918	438,158	2 910,817	6,643	6,175
28	14	98 293	16 855,253	257 597,722	15,283	14,814	78	64	52 784	388,362	2 472,659	6,367	5,898
29	15	98 220	15 814,763	240 742,470	15,223	14,754	79	65	49 489	341,893	2 084,297	6,096	5,628
30	16	98 144	14 837,977	224 927,707	15,159	14,690	80	66	46 131	299,243	1 742,404	5,823	5,354
31	17	98 063	13 920,879	210 089,730	15,092	14,623	81	67	42 645	259,747	1 443,161	5,556	5,087
32	18	97 973	13 059,267	196 168,850	15,021	14,553	82	68	39 097	223,599	1 183,415	5,293	4,824
33	19	97 878	12 250,391	183 109,584	14,947	14,479	83	69	35 526	190,777	959,815	5,031	4,562
34	20	97 786	11 491,889	170 859,192	14,868	14,399	84	70	31 964	161,171	769,038	4,772	4,303
35	21	97 687	10 779,513	159 367,303	14,784	14,316	85	71	28 415	134,532	607,866	4,518	4,050
36	22	97 581	10 110,662	148 587,790	14,696	14,227	86	72	24 873	110,577	473,334	4,281	3,812
37	23	97 470	9 482,740	138 477,128	14,603	14,134	87	73	21 412	89,379	362,757	4,059	3,590
38	24	97 351	8 893,164	128 994,388	14,505	14,036	88	74	18 055	70,769	273,378	3,863	3,394
39	25	97 224	8 339,502	120 101,225	14,401	13,933	89	75	15 036	55,336	202,610	3,661	3,193
40	26	97 089	7 819,583	111 761,723	14,293	13,824	90	76	12 285	42,452	147,274	3,469	3,000
41	27	96 930	7 330,362	103 942,140	14,180	13,711	91	77	9 940	32,253	104,822	3,250	2,781
42	28	96 761	6 870,971	96 611,778	14,061	13,592	92	78	7 778	23,696	72,569	3,062	2,594
43	29	96 580	6 439,539	89 740,807	13,936	13,467	93	79	5 886	16,837	48,872	2,903	2,434
44	30	96 368	6 033,214	83 301,267	13,807	13,338	94	80	4 338	11,653	32,035	2,749	2,280
45	31	96 136	5 651,383	77 268,054	13,672	13,204	95	81	3 100	7,820	20,382	2,607	2,138
46	32	95 873	5 291,945	71 616,671	13,533	13,064	96	82	2 145	5,079	12,563	2,473	2,005
47	33	95 576	4 953,560	66 324,726	13,389	12,921	97	83	1 432	3,185	7,484	2,349	1,881
48	34	95 246	4 635,165	61 371,166	13,240	12,772	98	84	922	1,924	4,298	2,234	1,765
49	35	94 871	4 335,137	56 736,002	13,087	12,619	99	85	570	1,117	2,374	2,125	1,657
							100	86	337	0,621	1,257	2,026	1,557

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	4 054,695	52 503,216	12,949	12,480
1							51	36	94 058	3 789,346	48 448,521	12,785	12,317
2							52	37	93 562	3 539,338	44 659,175	12,618	12,149
3							53	38	93 021	3 304,101	41 119,837	12,445	11,976
4							54	39	92 433	3 082,824	37 815,736	12,267	11,798
5							55	40	91 776	2 874,099	34 732,911	12,085	11,616
6							56	41	91 078	2 678,157	31 858,813	11,896	11,427
7							57	42	90 325	2 493,895	29 180,656	11,701	11,232
8							58	43	89 520	2 320,838	26 686,761	11,499	11,030
9							59	44	88 635	2 157,641	24 365,924	11,293	10,824
10							60	45	87 685	2 004,241	22 208,283	11,081	10,612
11							61	46	86 638	1 859,444	20 204,042	10,866	10,397
12							62	47	85 531	1 723,651	18 344,598	10,643	10,174
13							63	48	84 333	1 595,780	16 620,946	10,416	9,947
14							64	49	83 071	1 475,966	15 025,166	10,180	9,711
15	0	99 406	38 651,703	609 741,283	15,775	15,307	65	50	81 706	1 363,107	13 549,200	9,940	9,471
16	1	99 068	36 169,331	571 089,580	15,789	15,321	66	51	80 245	1 257,020	12 186,093	9,694	9,226
17	2	99 011	33 942,089	534 920,249	15,760	15,291	67	52	78 710	1 157,733	10 929,073	9,440	8,971
18	3	98 961	31 854,488	500 978,160	15,727	15,258	68	53	77 077	1 064,518	9 771,340	9,179	8,710
19	4	98 892	29 889,409	469 123,673	15,695	15,227	69	54	75 333	976,926	8 706,822	8,912	8,444
20	5	98 826	28 046,506	439 234,264	15,661	15,192	70	55	73 470	894,613	7 729,896	8,640	8,172
21	6	98 758	26 316,635	411 187,758	15,625	15,156	71	56	71 478	817,246	6 835,283	8,364	7,895
22	7	98 694	24 694,540	384 871,123	15,585	15,117	72	57	69 368	744,708	6 018,037	8,081	7,612
23	8	98 631	23 172,379	360 176,583	15,543	15,075	73	58	67 072	676,113	5 273,329	7,799	7,331
24	9	98 570	21 744,768	337 004,204	15,498	15,029	74	59	64 626	611,694	4 597,216	7,516	7,047
25	10	98 507	20 404,565	315 259,435	15,450	14,982	75	60	61 995	550,983	3 985,523	7,233	6,765
26	11	98 441	19 146,318	294 854,871	15,400	14,931	76	61	59 207	494,090	3 434,539	6,951	6,483
27	12	98 373	17 965,357	275 708,553	15,347	14,878	77	62	56 271	440,924	2 940,450	6,669	6,200
28	13	98 303	16 856,911	257 743,195	15,290	14,821	78	63	53 139	390,969	2 499,525	6,393	5,924
29	14	98 232	15 816,721	240 886,285	15,230	14,761	79	64	49 848	344,371	2 108,556	6,123	5,654
30	15	98 157	14 839,989	225 069,564	15,166	14,698	80	65	46 491	301,578	1 764,185	5,850	5,381
31	16	98 079	13 923,118	210 229,575	15,099	14,631	81	66	42 998	261,899	1 462,607	5,585	5,116
32	17	97 990	13 061,559	196 306,457	15,029	14,561	82	67	39 452	225,635	1 200,708	5,321	4,853
33	18	97 900	12 253,068	183 244,898	14,955	14,486	83	68	35 877	192,665	975,073	5,061	4,592
34	19	97 807	11 494,361	170 991,830	14,876	14,407	84	69	32 318	162,959	782,409	4,801	4,333
35	20	97 707	10 781,788	159 497,469	14,793	14,324	85	70	28 758	136,159	619,450	4,549	4,081
36	21	97 602	10 112,848	148 715,681	14,706	14,237	86	71	25 210	112,072	483,291	4,312	3,844
37	22	97 492	9 484,919	138 602,833	14,613	14,144	87	72	21 748	90,784	371,219	4,089	3,620
38	23	97 373	8 895,187	129 117,913	14,515	14,047	88	73	18 374	72,017	280,434	3,894	3,425
39	24	97 246	8 341,398	120 222,727	14,413	13,944	89	74	15 332	56,426	208,417	3,694	3,225
40	25	97 110	7 821,326	111 881,329	14,305	13,836	90	75	12 565	43,420	151,992	3,501	3,032
41	26	96 956	7 332,321	104 060,003	14,192	13,723	91	76	10 198	33,092	108,572	3,281	2,812
42	27	96 786	6 872,745	96 727,681	14,074	13,605	92	77	8 010	24,403	75,480	3,093	2,624
43	28	96 605	6 441,212	89 854,936	13,950	13,481	93	78	6 088	17,417	51,077	2,933	2,464
44	29	96 394	6 034,888	83 413,724	13,822	13,353	94	79	4 507	12,107	33,660	2,780	2,311
45	30	96 163	5 652,934	77 378,836	13,688	13,220	95	80	3 241	8,174	21,553	2,637	2,168
46	31	95 904	5 293,671	71 725,903	13,549	13,081	96	81	2 256	5,344	13,379	2,504	2,035
47	32	95 609	4 955,276	66 432,231	13,406	12,938	97	82	1 519	3,377	8,035	2,379	1,910
48	33	95 280	4 636,842	61 476,956	13,258	12,790	98	83	986	2,058	4,658	2,264	1,795
49	34	94 910	4 336,897	56 840,114	13,106	12,637	99	84	615	1,206	2,600	2,156	1,687
							100	85	369	0,678	1,394	2,054	1,586

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	4 056,341	52 596,635	12,967	12,498
1							51	35	94 098	3 790,962	48 540,293	12,804	12,335
2							52	36	93 606	3 540,989	44 749,332	12,638	12,169
3							53	37	93 070	3 305,843	41 208,343	12,465	11,997
4							54	38	92 488	3 084,643	37 902,500	12,287	11,819
5							55	39	91 841	2 876,121	34 817,857	12,106	11,637
6							56	40	91 143	2 680,067	31 941,736	11,918	11,450
7							57	41	90 400	2 495,969	29 261,669	11,724	11,255
8							58	42	89 605	2 323,035	26 765,700	11,522	11,053
9							59	43	88 729	2 159,921	24 442,665	11,316	10,848
10							60	44	87 784	2 006,510	22 282,744	11,105	10,636
11							61	45	86 755	1 861,962	20 276,234	10,890	10,421
12							62	46	85 664	1 726,329	18 414,272	10,667	10,198
13							63	47	84 480	1 598,554	16 687,943	10,439	9,971
14							64	48	83 226	1 478,706	15 089,389	10,204	9,736
15							65	49	81 877	1 365,965	13 610,683	9,964	9,495
16	0	99 386	36 285,430	571 373,525	15,747	15,278	66	50	80 433	1 259,964	12 244,718	9,718	9,250
17	1	99 039	33 951,742	535 088,095	15,760	15,292	67	51	78 907	1 160,624	10 984,754	9,465	8,996
18	2	98 977	31 859,624	501 136,353	15,730	15,261	68	52	77 291	1 067,476	9 824,130	9,203	8,734
19	3	98 906	29 893,695	469 276,729	15,698	15,229	69	53	75 563	979,904	8 756,654	8,936	8,467
20	4	98 838	28 049,868	439 383,034	15,664	15,196	70	54	73 704	897,472	7 776,750	8,665	8,196
21	5	98 767	26 319,015	411 333,166	15,629	15,160	71	55	71 737	820,197	6 879,278	8,387	7,919
22	6	98 702	24 696,520	385 014,150	15,590	15,121	72	56	69 632	747,543	6 059,081	8,105	7,637
23	7	98 639	23 174,315	360 317,630	15,548	15,079	73	57	67 350	678,914	5 311,538	7,824	7,355
24	8	98 576	21 746,119	337 143,315	15,504	15,035	74	58	64 922	614,496	4 632,624	7,539	7,070
25	9	98 513	20 405,860	315 397,195	15,456	14,987	75	59	62 293	553,629	4 018,128	7,258	6,789
26	10	98 449	19 147,861	294 991,335	15,406	14,937	76	60	59 533	496,806	3 464,499	6,974	6,505
27	11	98 381	17 966,784	275 843,475	15,353	14,884	77	61	56 593	443,446	2 967,693	6,692	6,224
28	12	98 311	16 858,203	257 876,691	15,297	14,828	78	62	53 474	393,438	2 524,248	6,416	5,947
29	13	98 242	15 818,277	241 018,488	15,237	14,768	79	63	50 182	346,683	2 130,810	6,146	5,678
30	14	98 169	14 841,826	225 200,211	15,173	14,705	80	64	46 828	303,763	1 784,127	5,873	5,405
31	15	98 092	13 925,005	210 358,385	15,107	14,638	81	65	43 334	263,943	1 480,363	5,609	5,140
32	16	98 006	13 063,660	196 433,379	15,037	14,568	82	66	39 779	227,505	1 216,420	5,347	4,878
33	17	97 917	12 255,219	183 369,719	14,963	14,494	83	67	36 204	194,418	988,916	5,087	4,618
34	18	97 829	11 496,872	171 114,500	14,884	14,415	84	68	32 638	164,571	794,497	4,828	4,359
35	19	97 728	10 784,107	159 617,628	14,801	14,332	85	69	29 077	137,669	629,927	4,576	4,107
36	20	97 623	10 114,982	148 833,521	14,714	14,245	86	70	25 514	113,428	492,258	4,340	3,871
37	21	97 513	9 486,970	138 718,539	14,622	14,153	87	71	22 042	92,012	378,830	4,117	3,648
38	22	97 396	8 897,231	129 231,569	14,525	14,056	88	72	18 663	73,149	286,818	3,921	3,452
39	23	97 269	8 343,296	120 334,337	14,423	13,954	89	73	15 602	57,421	213,669	3,721	3,252
40	24	97 132	7 823,105	111 991,042	14,315	13,847	90	74	12 812	44,275	156,248	3,529	3,060
41	25	96 978	7 333,955	104 167,937	14,204	13,735	91	75	10 431	33,846	111,973	3,308	2,840
42	26	96 812	6 874,582	96 833,982	14,086	13,617	92	76	8 218	25,038	78,127	3,120	2,652
43	27	96 630	6 442,875	89 959,400	13,963	13,494	93	77	6 270	17,936	53,089	2,960	2,491
44	28	96 419	6 036,456	83 516,524	13,835	13,367	94	78	4 662	12,524	35,153	2,807	2,338
45	29	96 189	5 654,502	77 480,069	13,702	13,234	95	79	3 367	8,493	22,630	2,665	2,196
46	30	95 931	5 295,124	71 825,567	13,564	13,096	96	80	2 359	5,586	14,137	2,531	2,062
47	31	95 640	4 956,892	66 530,442	13,422	12,953	97	81	1 598	3,553	8,550	2,406	1,938
48	32	95 313	4 638,449	61 573,551	13,275	12,806	98	82	1 045	2,182	4,997	2,290	1,822
49	33	94 944	4 338,467	56 935,102	13,123	12,655	99	83	658	1,290	2,815	2,182	1,714
							100	84	398	0,733	1,525	2,082	1,613

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	4 057,810	52 681,856	12,983	12,514
1							51	34	94 136	3 792,501	48 624,046	12,821	12,352
2							52	35	93 646	3 542,499	44 831,545	12,655	12,187
3							53	36	93 114	3 307,385	41 289,047	12,484	12,015
4							54	37	92 536	3 086,268	37 981,662	12,307	11,838
5							55	38	91 895	2 877,818	34 895,394	12,126	11,657
6							56	39	91 207	2 681,953	32 017,576	11,938	11,469
7							57	40	90 464	2 497,749	29 335,622	11,745	11,276
8							58	41	89 680	2 324,967	26 837,873	11,543	11,075
9							59	42	88 813	2 161,966	24 512,906	11,338	10,870
10							60	43	87 877	2 008,630	22 350,940	11,127	10,659
11							61	44	86 854	1 864,070	20 342,310	10,913	10,444
12							62	45	85 780	1 728,667	18 478,239	10,689	10,221
13							63	46	84 611	1 601,038	16 749,573	10,462	9,993
14							64	47	83 370	1 481,277	15 148,535	10,227	9,758
15							65	48	82 029	1 368,501	13 667,259	9,987	9,518
16							66	49	80 601	1 262,605	12 298,758	9,741	9,272
17	0	99 357	34 060,724	535 350,642	15,718	15,249	67	50	79 092	1 163,342	11 036,153	9,487	9,018
18	1	99 005	31 868,685	501 289,918	15,730	15,261	68	51	77 484	1 070,142	9 872,811	9,226	8,757
19	2	98 922	29 898,515	469 421,233	15,700	15,232	69	52	75 772	982,627	8 802,669	8,958	8,490
20	3	98 852	28 053,891	439 522,718	15,667	15,198	70	53	73 929	900,208	7 820,042	8,687	8,218
21	4	98 779	26 322,170	411 468,827	15,632	15,163	71	54	71 966	822,818	6 919,834	8,410	7,941
22	5	98 711	24 698,755	385 146,657	15,594	15,125	72	55	69 883	750,242	6 097,016	8,127	7,658
23	6	98 647	23 176,173	360 447,903	15,553	15,084	73	56	67 606	681,499	5 346,774	7,846	7,377
24	7	98 584	21 747,936	337 271,729	15,508	15,039	74	57	65 191	617,042	4 665,275	7,561	7,092
25	8	98 519	20 407,128	315 523,793	15,461	14,993	75	58	62 578	556,165	4 048,233	7,279	6,810
26	9	98 455	19 149,076	295 116,665	15,412	14,943	76	59	59 819	499,191	3 492,068	6,995	6,527
27	10	98 389	17 968,232	275 967,589	15,359	14,890	77	60	56 904	445,884	2 992,877	6,712	6,243
28	11	98 318	16 859,542	257 999,358	15,303	14,834	78	61	53 780	395,688	2 546,993	6,437	5,968
29	12	98 250	15 819,489	241 139,815	15,243	14,774	79	62	50 499	348,872	2 151,306	6,166	5,698
30	13	98 179	14 843,286	225 320,326	15,180	14,711	80	63	47 142	305,803	1 802,433	5,894	5,425
31	14	98 104	13 926,730	210 477,040	15,113	14,644	81	64	43 648	265,856	1 496,631	5,629	5,161
32	15	98 019	13 065,431	196 550,310	15,044	14,575	82	65	40 090	229,280	1 230,775	5,368	4,899
33	16	97 933	12 257,190	183 484,879	14,970	14,501	83	66	36 504	196,030	1 001,495	5,109	4,640
34	17	97 846	11 498,891	171 227,690	14,891	14,422	84	67	32 935	166,069	805,465	4,850	4,381
35	18	97 750	10 786,463	159 728,799	14,808	14,340	85	68	29 365	139,031	639,397	4,599	4,130
36	19	97 644	10 117,158	148 942,336	14,722	14,253	86	69	25 797	114,685	500,366	4,363	3,894
37	20	97 534	9 488,972	138 825,178	14,630	14,161	87	70	22 309	93,125	385,681	4,142	3,673
38	21	97 417	8 899,155	129 336,206	14,534	14,065	88	71	18 915	74,138	292,556	3,946	3,477
39	22	97 291	8 345,213	120 437,051	14,432	13,963	89	72	15 848	58,324	218,418	3,745	3,276
40	23	97 154	7 824,884	112 091,837	14,325	13,856	90	73	13 038	45,056	160,094	3,553	3,084
41	24	97 000	7 335,623	104 266,953	14,214	13,745	91	74	10 636	34,513	115,038	3,333	2,864
42	25	96 834	6 876,114	96 931,330	14,097	13,628	92	75	8 405	25,608	80,525	3,144	2,676
43	26	96 656	6 444,597	90 055,216	13,974	13,505	93	76	6 433	18,402	54,917	2,984	2,515
44	27	96 444	6 038,014	83 610,619	13,847	13,379	94	77	4 801	12,897	36,514	2,831	2,362
45	28	96 214	5 655,971	77 572,604	13,715	13,246	95	78	3 483	8,785	23,617	2,688	2,220
46	29	95 957	5 296,593	71 916,633	13,578	13,109	96	79	2 451	5,804	14,832	2,555	2,087
47	30	95 667	4 958,253	66 620,040	13,436	12,967	97	80	1 670	3,714	9,028	2,431	1,962
48	31	95 344	4 639,961	61 661,787	13,289	12,821	98	81	1 099	2,296	5,313	2,315	1,846
49	32	94 977	4 339,970	57 021,826	13,139	12,670	99	82	698	1,368	3,018	2,206	1,738
							100	83	426	0,784	1,650	2,106	1,637

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	4 059,215	52 759,651	12,997	12,529
1							51	33	94 170	3 793,873	48 700,436	12,837	12,368
2							52	34	93 684	3 543,937	44 906,563	12,671	12,203
3							53	35	93 153	3 308,795	41 362,626	12,501	12,032
4							54	36	92 580	3 087,708	38 053,831	12,324	11,856
5							55	37	91 943	2 879,334	34 966,123	12,144	11,675
6							56	38	91 261	2 683,535	32 086,788	11,957	11,488
7							57	39	90 528	2 499,507	29 403,253	11,764	11,295
8							58	40	89 744	2 326,625	26 903,746	11,563	11,095
9							59	41	88 887	2 163,764	24 577,120	11,359	10,890
10							60	42	87 960	2 010,532	22 413,357	11,148	10,679
11							61	43	86 945	1 866,040	20 402,824	10,934	10,465
12							62	44	85 877	1 730,624	18 536,784	10,711	10,242
13							63	45	84 726	1 603,206	16 806,161	10,483	10,014
14							64	46	83 500	1 483,578	15 202,955	10,247	9,779
15							65	47	82 172	1 370,880	13 719,377	10,008	9,539
16							66	48	80 751	1 264,949	12 348,497	9,762	9,293
17							67	49	79 258	1 165,781	11 083,548	9,507	9,039
18	0	99 323	31 970,980	501 532,708	15,687	15,218	68	50	77 666	1 072,648	9 917,767	9,246	8,777
19	1	98 950	29 907,019	469 561,728	15,701	15,232	69	51	75 962	985,081	8 845,119	8,979	8,510
20	2	98 868	28 058,414	439 654,709	15,669	15,201	70	52	74 135	902,709	7 860,039	8,707	8,238
21	3	98 793	26 325,945	411 596,295	15,635	15,166	71	53	72 185	825,327	6 957,330	8,430	7,961
22	4	98 723	24 701,715	385 270,350	15,597	15,128	72	54	70 107	752,640	6 132,003	8,147	7,679
23	5	98 656	23 178,270	360 568,635	15,556	15,088	73	55	67 850	683,960	5 379,363	7,865	7,396
24	6	98 592	21 749,680	337 390,365	15,512	15,044	74	56	65 439	619,391	4 695,403	7,581	7,112
25	7	98 528	20 408,833	315 640,685	15,466	14,997	75	57	62 838	558,469	4 076,012	7,299	6,830
26	8	98 461	19 150,266	295 231,852	15,417	14,948	76	58	60 093	501,478	3 517,543	7,014	6,546
27	9	98 395	17 969,372	276 081,587	15,364	14,895	77	59	57 177	448,024	3 016,065	6,732	6,263
28	10	98 326	16 860,900	258 112,214	15,308	14,840	78	60	54 076	397,863	2 568,041	6,455	5,986
29	11	98 257	15 820,746	241 251,314	15,249	14,780	79	61	50 788	350,867	2 170,178	6,185	5,716
30	12	98 186	14 844,424	225 430,568	15,186	14,717	80	62	47 440	307,734	1 819,311	5,912	5,443
31	13	98 114	13 928,100	210 586,144	15,120	14,651	81	63	43 941	267,641	1 511,577	5,648	5,179
32	14	98 031	13 067,048	196 658,044	15,050	14,581	82	64	40 380	230,942	1 243,936	5,386	4,918
33	15	97 946	12 258,851	183 590,996	14,976	14,507	83	65	36 789	197,559	1 012,995	5,128	4,659
34	16	97 862	11 500,740	171 332,144	14,897	14,429	84	66	33 208	167,445	815,435	4,870	4,401
35	17	97 767	10 788,357	159 831,404	14,815	14,346	85	67	29 632	140,296	647,990	4,619	4,150
36	18	97 665	10 119,368	149 043,047	14,728	14,260	86	68	26 053	115,820	507,694	4,383	3,915
37	19	97 555	9 491,013	138 923,679	14,637	14,169	87	69	22 556	94,157	391,874	4,162	3,693
38	20	97 437	8 901,033	129 432,666	14,541	14,073	88	70	19 144	75,035	297,717	3,968	3,499
39	21	97 312	8 347,018	120 531,633	14,440	13,971	89	71	16 062	59,113	222,682	3,767	3,298
40	22	97 177	7 826,683	112 184,615	14,334	13,865	90	72	13 243	45,764	163,570	3,574	3,105
41	23	97 022	7 337,292	104 357,932	14,223	13,754	91	73	10 824	35,122	117,805	3,354	2,885
42	24	96 856	6 877,678	97 020,640	14,107	13,638	92	74	8 571	26,113	82,684	3,166	2,698
43	25	96 678	6 446,033	90 142,962	13,984	13,516	93	75	6 579	18,822	56,571	3,006	2,537
44	26	96 470	6 039,628	83 696,929	13,858	13,389	94	76	4 926	13,233	37,749	2,853	2,384
45	27	96 239	5 657,432	77 657,301	13,727	13,258	95	77	3 587	9,047	24,516	2,710	2,241
46	28	95 982	5 297,969	71 999,870	13,590	13,121	96	78	2 535	6,004	15,469	2,577	2,108
47	29	95 693	4 959,628	66 701,900	13,449	12,980	97	79	1 735	3,859	9,465	2,453	1,984
48	30	95 371	4 641,235	61 742,272	13,303	12,834	98	80	1 149	2,400	5,606	2,336	1,868
49	31	95 008	4 341,386	57 101,037	13,153	12,684	99	81	734	1,439	3,207	2,228	1,760
							100	82	451	0,831	1,768	2,128	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	4 060,539	52 830,698	13,011	12,542
1							51	32	94 203	3 795,188	48 770,158	12,851	12,382
2							52	33	93 718	3 545,219	44 974,971	12,686	12,217
3							53	34	93 191	3 310,138	41 429,751	12,516	12,047
4							54	35	92 619	3 089,025	38 119,613	12,340	11,872
5							55	36	91 986	2 880,678	35 030,588	12,161	11,692
6							56	37	91 309	2 684,950	32 149,911	11,974	11,505
7							57	38	90 581	2 500,982	29 464,961	11,781	11,313
8							58	39	89 807	2 328,263	26 963,980	11,581	11,112
9							59	40	88 950	2 165,307	24 635,717	11,377	10,909
10							60	41	88 034	2 012,204	22 470,410	11,167	10,698
11							61	42	87 028	1 867,807	20 458,205	10,953	10,484
12							62	43	85 968	1 732,452	18 590,398	10,731	10,262
13							63	44	84 822	1 605,021	16 857,946	10,503	10,035
14							64	45	83 613	1 485,587	15 252,925	10,267	9,799
15							65	46	82 300	1 373,009	13 767,338	10,027	9,558
16							66	47	80 891	1 267,148	12 394,329	9,781	9,313
17							67	48	79 405	1 167,945	11 127,181	9,527	9,058
18							68	49	77 829	1 074,896	9 959,236	9,265	8,797
19	0	99 268	30 003,017	469 786,256	15,658	15,189	69	50	76 140	987,388	8 884,339	8,998	8,529
20	1	98 896	28 066,394	439 783,240	15,669	15,201	70	51	74 320	904,963	7 896,952	8,726	8,258
21	2	98 809	26 330,190	411 716,846	15,637	15,168	71	52	72 386	827,620	6 991,988	8,448	7,980
22	3	98 737	24 705,257	385 386,656	15,599	15,131	72	53	70 320	754,935	6 164,368	8,165	7,697
23	4	98 667	23 181,048	360 681,398	15,559	15,091	73	54	68 067	686,146	5 409,434	7,884	7,415
24	5	98 601	21 751,648	337 500,350	15,516	15,047	74	55	65 675	621,627	4 723,288	7,598	7,130
25	6	98 536	20 410,469	315 748,703	15,470	15,001	75	56	63 077	560,595	4 101,661	7,317	6,848
26	7	98 469	19 151,866	295 338,234	15,421	14,952	76	57	60 342	503,556	3 541,065	7,032	6,563
27	8	98 401	17 970,489	276 186,368	15,369	14,900	77	58	57 439	450,077	3 037,510	6,749	6,280
28	9	98 333	16 861,971	258 215,879	15,314	14,845	78	59	54 335	399,773	2 587,433	6,472	6,004
29	10	98 265	15 822,021	241 353,908	15,254	14,786	79	60	51 067	352,796	2 187,660	6,201	5,732
30	11	98 194	14 845,603	225 531,888	15,192	14,723	80	61	47 711	309,493	1 834,863	5,929	5,460
31	12	98 121	13 929,167	210 686,284	15,126	14,657	81	62	44 219	269,331	1 525,370	5,664	5,195
32	13	98 041	13 068,334	196 757,117	15,056	14,587	82	63	40 651	232,492	1 256,039	5,403	4,934
33	14	97 958	12 260,369	183 688,783	14,982	14,514	83	64	37 055	198,991	1 023,547	5,144	4,675
34	15	97 875	11 502,299	171 428,414	14,904	14,435	84	65	33 467	168,752	824,556	4,886	4,417
35	16	97 783	10 790,092	159 926,115	14,822	14,353	85	66	29 878	141,459	655,805	4,636	4,167
36	17	97 682	10 121,145	149 136,023	14,735	14,266	86	67	26 290	116,874	514,346	4,401	3,932
37	18	97 576	9 493,087	139 014,878	14,644	14,175	87	68	22 780	95,089	397,472	4,180	3,711
38	19	97 458	8 902,948	129 521,791	14,548	14,079	88	69	19 356	75,867	302,383	3,986	3,517
39	20	97 332	8 348,779	120 618,844	14,447	13,979	89	70	16 256	59,828	226,517	3,786	3,317
40	21	97 198	7 828,375	112 270,065	14,341	13,873	90	71	13 422	46,383	166,689	3,594	3,125
41	22	97 044	7 338,979	104 441,690	14,231	13,762	91	72	10 994	35,674	120,306	3,372	2,904
42	23	96 878	6 879,242	97 102,711	14,115	13,647	92	73	8 722	26,574	84,632	3,185	2,716
43	24	96 700	6 447,499	90 223,469	13,994	13,525	93	74	6 709	19,193	58,058	3,025	2,556
44	25	96 492	6 040,974	83 775,969	13,868	13,399	94	75	5 038	13,534	38,866	2,872	2,403
45	26	96 265	5 658,943	77 734,995	13,737	13,268	95	76	3 680	9,282	25,332	2,729	2,260
46	27	96 007	5 299,337	72 076,052	13,601	13,132	96	77	2 611	6,183	16,049	2,596	2,127
47	28	95 718	4 960,917	66 776,715	13,461	12,992	97	78	1 795	3,992	9,866	2,472	2,003
48	29	95 397	4 642,523	61 815,798	13,315	12,846	98	79	1 194	2,493	5,874	2,356	1,887
49	30	95 034	4 342,577	57 173,275	13,166	12,697	99	80	767	1,504	3,381	2,248	1,779
							100	81	475	0,874	1,877	2,147	1,678



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	4 061,654	52 895,474	13,023	12,554
1							51	31	94 233	3 796,425	48 833,820	12,863	12,394
2							52	32	93 750	3 546,448	45 037,395	12,699	12,231
3							53	33	93 225	3 311,336	41 490,947	12,530	12,061
4							54	34	92 657	3 090,279	38 179,611	12,355	11,886
5							55	35	92 026	2 881,906	35 089,332	12,176	11,707
6							56	36	91 352	2 686,202	32 207,426	11,990	11,521
7							57	37	90 629	2 502,300	29 521,224	11,798	11,329
8							58	38	89 860	2 329,636	27 018,924	11,598	11,129
9							59	39	89 013	2 166,831	24 689,288	11,394	10,925
10							60	40	88 096	2 013,640	22 522,457	11,185	10,716
11							61	41	87 100	1 869,360	20 508,817	10,971	10,502
12							62	42	86 049	1 734,093	18 639,457	10,749	10,280
13							63	43	84 911	1 606,717	16 905,364	10,522	10,053
14							64	44	83 707	1 487,269	15 298,647	10,286	9,818
15							65	45	82 411	1 374,869	13 811,379	10,046	9,577
16							66	46	81 017	1 269,116	12 436,510	9,799	9,331
17							67	47	79 543	1 169,976	11 167,394	9,545	9,076
18							68	48	77 973	1 076,892	9 997,418	9,284	8,815
19							69	49	76 299	989,458	8 920,526	9,016	8,547
20	0	99 213	28 156,484	439 990,907	15,627	15,158	70	50	74 494	907,083	7 931,068	8,743	8,275
21	1	98 837	26 337,678	411 834,423	15,637	15,168	71	51	72 567	829,687	7 023,986	8,466	7,997
22	2	98 753	24 709,241	385 496,745	15,601	15,133	72	52	70 516	757,032	6 194,299	8,182	7,714
23	3	98 682	23 184,373	360 787,504	15,562	15,093	73	53	68 275	688,237	5 437,267	7,900	7,432
24	4	98 613	21 754,255	337 603,131	15,519	15,050	74	54	65 885	623,614	4 749,030	7,615	7,147
25	5	98 545	20 412,316	315 848,877	15,473	15,005	75	55	63 305	562,619	4 125,415	7,333	6,864
26	6	98 477	19 153,401	295 436,561	15,425	14,956	76	56	60 571	505,473	3 562,796	7,048	6,580
27	7	98 409	17 971,990	276 283,160	15,373	14,904	77	57	57 677	451,942	3 057,323	6,765	6,296
28	8	98 339	16 863,018	258 311,170	15,318	14,849	78	58	54 584	401,604	2 605,381	6,487	6,019
29	9	98 272	15 823,025	241 448,151	15,259	14,791	79	59	51 312	354,490	2 203,777	6,217	5,748
30	10	98 202	14 846,799	225 625,126	15,197	14,728	80	60	47 973	311,195	1 849,287	5,943	5,474
31	11	98 129	13 930,274	210 778,327	15,131	14,662	81	61	44 471	270,871	1 538,092	5,678	5,210
32	12	98 049	13 069,336	196 848,053	15,062	14,593	82	62	40 908	233,960	1 267,221	5,416	4,948
33	13	97 968	12 261,575	183 778,717	14,988	14,519	83	63	37 304	200,327	1 033,261	5,158	4,689
34	14	97 887	11 503,723	171 517,142	14,910	14,441	84	64	33 709	169,975	832,934	4,900	4,432
35	15	97 796	10 791,554	160 013,419	14,828	14,359	85	65	30 111	142,563	662,960	4,650	4,182
36	16	97 698	10 122,772	149 221,864	14,741	14,272	86	66	26 508	117,843	520,397	4,416	3,947
37	17	97 593	9 494,753	139 099,092	14,650	14,181	87	67	22 987	95,954	402,554	4,195	3,727
38	18	97 480	8 904,893	129 604,339	14,554	14,086	88	68	19 548	76,617	306,600	4,002	3,533
39	19	97 353	8 350,575	120 699,446	14,454	13,985	89	69	16 436	60,491	229,983	3,802	3,333
40	20	97 218	7 830,027	112 348,871	14,348	13,880	90	70	13 585	46,944	169,492	3,610	3,142
41	21	97 065	7 340,565	104 518,844	14,239	13,770	91	71	11 143	36,156	122,548	3,389	2,921
42	22	96 900	6 880,824	97 178,279	14,123	13,654	92	72	8 859	26,991	86,391	3,201	2,732
43	23	96 722	6 448,966	90 297,455	14,002	13,533	93	73	6 827	19,531	59,400	3,041	2,573
44	24	96 514	6 042,348	83 848,489	13,877	13,408	94	74	5 138	13,801	39,869	2,889	2,420
45	25	96 286	5 660,205	77 806,141	13,746	13,277	95	75	3 764	9,494	26,068	2,746	2,277
46	26	96 033	5 300,753	72 145,936	13,611	13,142	96	76	2 679	6,344	16,574	2,613	2,144
47	27	95 743	4 962,198	66 845,183	13,471	13,002	97	77	1 849	4,111	10,231	2,489	2,020
48	28	95 422	4 643,729	61 882,985	13,326	12,857	98	78	1 235	2,579	6,120	2,373	1,904
49	29	95 060	4 343,782	57 239,256	13,177	12,709	99	79	797	1,563	3,541	2,265	1,797
							100	80	496	0,914	1,978	2,165	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	4 062,781	52 954,627	13,034	12,565
1							51	30	94 259	3 797,468	48 891,846	12,875	12,406
2							52	31	93 781	3 547,604	45 094,379	12,711	12,242
3							53	32	93 257	3 312,484	41 546,774	12,542	12,074
4							54	33	92 690	3 091,397	38 234,291	12,368	11,899
5							55	34	92 063	2 883,076	35 142,894	12,189	11,721
6							56	35	91 391	2 687,347	32 259,818	12,004	11,536
7							57	36	90 671	2 503,467	29 572,470	11,813	11,344
8							58	37	89 907	2 330,864	27 069,003	11,613	11,145
9							59	38	89 065	2 168,109	24 738,139	11,410	10,941
10							60	39	88 158	2 015,057	22 570,030	11,201	10,732
11							61	40	87 162	1 870,694	20 554,973	10,988	10,519
12							62	41	86 121	1 735,535	18 684,280	10,766	10,297
13							63	42	84 992	1 608,238	16 948,745	10,539	10,070
14							64	43	83 796	1 488,840	15 340,506	10,304	9,835
15							65	44	82 504	1 376,425	13 851,666	10,064	9,595
16							66	45	81 127	1 270,835	12 475,241	9,817	9,348
17							67	46	79 666	1 171,793	11 204,406	9,562	9,093
18							68	47	78 109	1 078,764	10 032,613	9,300	8,831
19							69	48	76 441	991,294	8 953,849	9,032	8,564
20							70	49	74 650	908,984	7 962,554	8,760	8,291
21	0	99 154	26 422,219	412 026,513	15,594	15,125	71	50	72 736	831,630	7 053,570	8,482	8,013
22	1	98 781	24 716,269	385 604,294	15,601	15,132	72	51	70 692	758,923	6 221,940	8,198	7,730
23	2	98 698	23 188,111	360 888,025	15,563	15,095	73	52	68 464	690,150	5 463,018	7,916	7,447
24	3	98 627	21 757,374	337 699,914	15,521	15,052	74	53	66 086	625,515	4 772,868	7,630	7,162
25	4	98 556	20 414,762	315 942,540	15,476	15,007	75	54	63 507	564,418	4 147,353	7,348	6,879
26	5	98 486	19 155,134	295 527,778	15,428	14,959	76	55	60 790	507,298	3 582,935	7,063	6,594
27	6	98 417	17 973,431	276 372,643	15,377	14,908	77	56	57 897	453,662	3 075,637	6,780	6,311
28	7	98 347	16 864,427	258 399,212	15,322	14,853	78	57	54 810	403,268	2 621,975	6,502	6,033
29	8	98 278	15 824,008	241 534,785	15,264	14,795	79	58	51 548	356,114	2 218,706	6,230	5,762
30	9	98 208	14 847,742	225 710,777	15,202	14,733	80	59	48 204	312,689	1 862,593	5,957	5,488
31	10	98 137	13 931,396	210 863,035	15,136	14,667	81	60	44 716	272,360	1 549,904	5,691	5,222
32	11	98 056	13 070,374	196 931,639	15,067	14,598	82	61	41 142	235,298	1 277,544	5,429	4,961
33	12	97 975	12 262,515	183 861,265	14,994	14,525	83	62	37 540	201,592	1 042,246	5,170	4,701
34	13	97 897	11 504,855	171 598,750	14,915	14,447	84	63	33 936	171,116	840,654	4,913	4,444
35	14	97 808	10 792,891	160 093,895	14,833	14,365	85	64	30 329	143,596	669,538	4,663	4,194
36	15	97 711	10 124,145	149 301,005	14,747	14,278	86	65	26 714	118,762	525,942	4,429	3,960
37	16	97 609	9 496,280	139 176,860	14,656	14,187	87	66	23 177	96,749	407,180	4,209	3,740
38	17	97 497	8 906,456	129 680,580	14,560	14,092	88	67	19 725	77,315	310,431	4,015	3,546
39	18	97 375	8 352,399	120 774,123	14,460	13,991	89	68	16 599	61,089	233,116	3,816	3,347
40	19	97 239	7 831,711	112 421,724	14,355	13,886	90	69	13 735	47,465	172,027	3,624	3,156
41	20	97 086	7 342,114	104 590,013	14,245	13,776	91	70	11 278	36,593	124,562	3,404	2,935
42	21	96 921	6 882,311	97 247,898	14,130	13,661	92	71	8 979	27,356	87,968	3,216	2,747
43	22	96 744	6 450,448	90 365,587	14,009	13,540	93	72	6 934	19,838	60,612	3,055	2,587
44	23	96 536	6 043,722	83 915,139	13,885	13,416	94	73	5 228	14,044	40,774	2,903	2,435
45	24	96 308	5 661,492	77 871,416	13,755	13,286	95	74	3 838	9,681	26,730	2,761	2,292
46	25	96 054	5 301,935	72 209,924	13,620	13,151	96	75	2 740	6,488	17,049	2,628	2,159
47	26	95 768	4 963,524	66 907,989	13,480	13,011	97	76	1 897	4,218	10,561	2,504	2,035
48	27	95 447	4 644,928	61 944,466	13,336	12,867	98	77	1 272	2,656	6,343	2,388	1,919
49	28	95 085	4 344,911	57 299,538	13,188	12,719	99	78	825	1,617	3,687	2,280	1,812
							100	79	516	0,949	2,070	2,180	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	4 063,836	53 008,658	13,044	12,575
1							51	29	94 285	3 798,521	48 944,822	12,885	12,416
2							52	30	93 807	3 548,578	45 146,301	12,722	12,254
3							53	31	93 288	3 313,564	41 597,722	12,554	12,085
4							54	32	92 722	3 092,468	38 284,159	12,380	11,911
5							55	33	92 096	2 884,119	35 191,690	12,202	11,733
6							56	34	91 428	2 688,438	32 307,571	12,017	11,548
7							57	35	90 710	2 504,534	29 619,133	11,826	11,357
8							58	36	89 949	2 331,951	27 114,598	11,627	11,159
9							59	37	89 112	2 169,252	24 782,647	11,425	10,956
10							60	38	88 210	2 016,245	22 613,395	11,216	10,747
11							61	39	87 224	1 872,010	20 597,150	11,003	10,534
12							62	40	86 182	1 736,773	18 725,139	10,782	10,313
13							63	41	85 062	1 609,576	16 988,366	10,555	10,086
14							64	42	83 875	1 490,250	15 378,791	10,320	9,851
15							65	43	82 592	1 377,879	13 888,541	10,080	9,611
16							66	44	81 218	1 272,274	12 510,661	9,833	9,365
17							67	45	79 774	1 173,380	11 238,387	9,578	9,109
18							68	46	78 230	1 080,440	10 065,007	9,316	8,847
19							69	47	76 574	993,018	8 984,567	9,048	8,579
20							70	48	74 788	910,672	7 991,550	8,775	8,307
21							71	49	72 889	833,373	7 080,878	8,497	8,028
22	0	99 098	24 795,605	385 781,995	15,558	15,090	72	50	70 857	760,700	6 247,505	8,213	7,744
23	1	98 726	23 194,706	360 986,390	15,563	15,095	73	51	68 635	691,873	5 486,805	7,930	7,462
24	2	98 643	21 760,883	337 791,684	15,523	15,054	74	52	66 270	627,253	4 794,932	7,644	7,176
25	3	98 570	20 417,690	316 030,801	15,478	15,010	75	53	63 701	566,138	4 167,679	7,362	6,893
26	4	98 498	19 157,430	295 613,112	15,431	14,962	76	54	60 984	508,920	3 601,540	7,077	6,608
27	5	98 426	17 975,057	276 455,681	15,380	14,911	77	55	58 106	455,300	3 092,621	6,792	6,324
28	6	98 355	16 865,779	258 480,624	15,326	14,857	78	56	55 019	404,804	2 637,321	6,515	6,046
29	7	98 286	15 825,330	241 614,845	15,268	14,799	79	57	51 761	357,589	2 232,517	6,243	5,775
30	8	98 215	14 848,664	225 789,515	15,206	14,737	80	58	48 425	314,121	1 874,928	5,969	5,500
31	9	98 143	13 932,280	210 940,851	15,140	14,672	81	59	44 931	273,668	1 560,806	5,703	5,235
32	10	98 064	13 071,427	197 008,570	15,072	14,603	82	60	41 368	236,591	1 287,139	5,440	4,972
33	11	97 983	12 263,489	183 937,143	14,999	14,530	83	61	37 754	202,745	1 050,547	5,182	4,713
34	12	97 904	11 505,737	171 673,654	14,921	14,452	84	62	34 150	172,196	847,802	4,923	4,455
35	13	97 818	10 793,952	160 167,917	14,839	14,370	85	63	30 533	144,560	675,606	4,674	4,205
36	14	97 723	10 125,398	149 373,965	14,752	14,284	86	64	26 908	119,623	531,046	4,439	3,971
37	15	97 622	9 497,568	139 248,566	14,661	14,193	87	65	23 358	97,504	411,423	4,220	3,751
38	16	97 512	8 907,888	129 750,999	14,566	14,097	88	66	19 889	77,955	313,919	4,027	3,558
39	17	97 392	8 353,866	120 843,110	14,466	13,997	89	67	16 750	61,645	235,964	3,828	3,359
40	18	97 260	7 833,422	112 489,245	14,360	13,891	90	68	13 871	47,934	174,318	3,637	3,168
41	19	97 107	7 343,694	104 655,822	14,251	13,782	91	69	11 403	36,999	126,384	3,416	2,947
42	20	96 941	6 883,764	97 312,129	14,136	13,668	92	70	9 087	27,687	89,385	3,228	2,760
43	21	96 765	6 451,843	90 428,365	14,016	13,547	93	71	7 028	20,106	61,698	3,069	2,600
44	22	96 558	6 045,111	83 976,522	13,892	13,423	94	72	5 310	14,265	41,591	2,916	2,447
45	23	96 330	5 662,780	77 931,411	13,762	13,293	95	73	3 906	9,852	27,326	2,774	2,305
46	24	96 076	5 303,141	72 268,630	13,628	13,159	96	74	2 794	6,616	17,474	2,641	2,172
47	25	95 790	4 964,630	66 965,490	13,489	13,020	97	75	1 940	4,314	10,858	2,517	2,048
48	26	95 472	4 646,169	62 000,860	13,345	12,876	98	76	1 305	2,725	6,544	2,402	1,933
49	27	95 109	4 346,033	57 354,691	13,197	12,728	99	77	849	1,665	3,819	2,294	1,825
							100	78	533	0,982	2,154	2,194	1,725

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 6,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	4 064,886	53 058,082	13,053	12,584
1							51	28	94 310	3 799,508	48 993,197	12,895	12,426
2							52	29	93 833	3 549,563	45 193,689	12,732	12,263
3							53	30	93 313	3 314,474	41 644,126	12,564	12,096
4							54	31	92 753	3 093,477	38 329,652	12,390	11,922
5							55	32	92 128	2 885,119	35 236,176	12,213	11,744
6							56	33	91 461	2 689,411	32 351,057	12,029	11,560
7							57	34	90 747	2 505,551	29 661,646	11,838	11,370
8							58	35	89 987	2 332,946	27 156,095	11,640	11,172
9							59	36	89 154	2 170,264	24 823,149	11,438	10,969
10							60	37	88 257	2 017,308	22 652,885	11,229	10,761
11							61	38	87 275	1 873,115	20 635,577	11,017	10,548
12							62	39	86 243	1 737,995	18 762,462	10,795	10,327
13							63	40	85 123	1 610,724	17 024,467	10,569	10,101
14							64	41	83 945	1 491,489	15 413,743	10,334	9,866
15							65	42	82 670	1 379,184	13 922,254	10,095	9,626
16							66	43	81 304	1 273,618	12 543,070	9,848	9,380
17							67	44	79 865	1 174,709	11 269,452	9,593	9,125
18							68	45	78 336	1 081,903	10 094,743	9,331	8,862
19							69	46	76 693	994,560	9 012,840	9,062	8,593
20							70	47	74 918	912,255	8 018,280	8,790	8,321
21							71	48	73 024	834,920	7 106,205	8,511	8,042
22							72	49	71 006	762,295	6 271,105	8,227	7,758
23	0	99 043	23 269,158	361 150,796	15,521	15,052	73	50	68 796	693,493	5 508,810	7,944	7,475
24	1	98 671	21 767,072	337 881,637	15,523	15,054	74	51	66 435	628,820	4 815,317	7,658	7,189
25	2	98 586	20 420,982	316 114,566	15,480	15,011	75	52	63 878	567,711	4 186,497	7,374	6,906
26	3	98 512	19 160,177	295 693,584	15,433	14,964	76	53	61 170	510,471	3 618,786	7,089	6,620
27	4	98 438	17 977,212	276 533,406	15,382	14,914	77	54	58 291	456,755	3 108,315	6,805	6,336
28	5	98 364	16 867,305	258 556,195	15,329	14,860	78	55	55 218	406,265	2 651,560	6,527	6,058
29	6	98 294	15 826,599	241 688,889	15,271	14,802	79	56	51 958	358,951	2 245,294	6,255	5,786
30	7	98 223	14 849,905	225 862,290	15,210	14,741	80	57	48 625	315,423	1 886,343	5,980	5,512
31	8	98 149	13 933,146	211 012,385	15,145	14,676	81	58	45 136	274,921	1 570,921	5,714	5,245
32	9	98 070	13 072,257	197 079,239	15,076	14,607	82	59	41 567	237,727	1 295,999	5,452	4,983
33	10	97 991	12 264,477	184 006,983	15,003	14,535	83	60	37 962	203,859	1 058,272	5,191	4,722
34	11	97 912	11 506,651	171 742,505	14,925	14,457	84	61	34 345	173,181	854,413	4,934	4,465
35	12	97 825	10 794,780	160 235,855	14,844	14,375	85	62	30 725	145,473	681,232	4,683	4,214
36	13	97 733	10 126,394	149 441,075	14,758	14,289	86	63	27 089	120,426	535,759	4,449	3,980
37	14	97 634	9 498,744	139 314,680	14,667	14,198	87	64	23 528	98,211	415,333	4,229	3,760
38	15	97 526	8 909,096	129 815,937	14,571	14,102	88	65	20 044	78,564	317,122	4,036	3,568
39	16	97 407	8 355,209	120 906,841	14,471	14,002	89	66	16 889	62,156	238,558	3,838	3,369
40	17	97 277	7 834,798	112 551,632	14,366	13,897	90	67	13 997	48,371	176,402	3,647	3,178
41	18	97 128	7 345,298	104 716,834	14,256	13,788	91	68	11 515	37,365	128,031	3,426	2,958
42	19	96 962	6 885,244	97 371,536	14,142	13,673	92	69	9 188	27,994	90,666	3,239	2,770
43	20	96 785	6 453,205	90 486,292	14,022	13,553	93	70	7 113	20,350	62,672	3,080	2,611
44	21	96 579	6 046,418	84 033,087	13,898	13,429	94	71	5 382	14,458	42,322	2,927	2,459
45	22	96 352	5 664,082	77 986,669	13,769	13,300	95	72	3 967	10,007	27,865	2,785	2,316
46	23	96 098	5 304,347	72 322,587	13,635	13,166	96	73	2 843	6,733	17,858	2,652	2,184
47	24	95 811	4 965,759	67 018,240	13,496	13,027	97	74	1 978	4,399	11,125	2,529	2,060
48	25	95 493	4 647,205	62 052,481	13,353	12,884	98	75	1 335	2,787	6,726	2,413	1,945
49	26	95 135	4 347,194	57 405,276	13,205	12,736	99	76	871	1,708	3,939	2,306	1,837
							100	77	549	1,011	2,231	2,206	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	4 065,972	53 103,408	13,060	12,592
1							51	27	94 334	3 800,489	49 037,437	12,903	12,434
2							52	28	93 857	3 550,485	45 236,948	12,741	12,272
3							53	29	93 339	3 315,393	41 686,463	12,574	12,105
4							54	30	92 778	3 094,326	38 371,070	12,400	11,932
5							55	31	92 158	2 886,059	35 276,744	12,223	11,754
6							56	32	91 493	2 690,343	32 390,684	12,040	11,571
7							57	33	90 780	2 506,458	29 700,341	11,850	11,381
8							58	34	90 024	2 333,893	27 193,883	11,652	11,183
9							59	35	89 192	2 171,189	24 859,990	11,450	10,981
10							60	36	88 298	2 018,249	22 688,801	11,242	10,773
11							61	37	87 321	1 874,102	20 670,552	11,030	10,561
12							62	38	86 294	1 739,020	18 796,450	10,809	10,340
13							63	39	85 183	1 611,857	17 057,430	10,582	10,114
14							64	40	84 005	1 492,553	15 445,572	10,348	9,880
15							65	41	82 739	1 380,331	13 953,019	10,108	9,640
16							66	42	81 381	1 274,824	12 572,688	9,862	9,394
17							67	43	79 949	1 175,950	11 297,864	9,607	9,139
18							68	44	78 425	1 083,128	10 121,914	9,345	8,876
19							69	45	76 797	995,907	9 038,786	9,076	8,607
20							70	46	75 035	913,672	8 042,879	8,803	8,334
21							71	47	73 151	836,372	7 129,207	8,524	8,055
22							72	48	71 138	763,710	6 292,835	8,240	7,771
23							73	49	68 940	694,947	5 529,125	7,956	7,487
24	0	98 988	21 836,942	338 033,756	15,480	15,011	74	50	66 591	630,292	4 834,178	7,670	7,201
25	1	98 614	20 426,790	316 196,814	15,480	15,011	75	51	64 037	569,129	4 203,886	7,387	6,918
26	2	98 528	19 163,267	295 770,024	15,434	14,965	76	52	61 340	511,889	3 634,757	7,101	6,632
27	3	98 452	17 979,790	276 606,757	15,384	14,916	77	53	58 469	458,148	3 122,868	6,816	6,348
28	4	98 375	16 869,327	258 626,968	15,331	14,862	78	54	55 394	407,564	2 664,720	6,538	6,069
29	5	98 303	15 828,031	241 757,641	15,274	14,805	79	55	52 146	360,247	2 257,156	6,266	5,797
30	6	98 231	14 851,096	225 929,610	15,213	14,744	80	56	48 810	316,624	1 896,909	5,991	5,522
31	7	98 157	13 934,310	211 078,514	15,148	14,679	81	57	45 323	276,060	1 580,286	5,724	5,256
32	8	98 077	13 073,069	197 144,204	15,080	14,611	82	58	41 757	238,816	1 304,225	5,461	4,992
33	9	97 997	12 265,256	184 071,136	15,008	14,539	83	59	38 144	204,838	1 065,409	5,201	4,732
34	10	97 920	11 507,578	171 805,880	14,930	14,461	84	60	34 534	174,133	860,571	4,942	4,473
35	11	97 833	10 795,637	160 298,302	14,848	14,380	85	61	30 901	146,304	686,438	4,692	4,223
36	12	97 740	10 127,171	149 502,665	14,763	14,294	86	62	27 260	121,187	540,133	4,457	3,988
37	13	97 644	9 499,678	139 375,494	14,672	14,203	87	63	23 685	98,870	418,947	4,237	3,769
38	14	97 538	8 910,199	129 875,816	14,576	14,107	88	64	20 189	79,133	320,077	4,045	3,576
39	15	97 421	8 356,342	120 965,617	14,476	14,007	89	65	17 021	62,641	240,943	3,846	3,378
40	16	97 293	7 836,057	112 609,275	14,371	13,902	90	66	14 113	48,772	178,302	3,656	3,187
41	17	97 145	7 346,588	104 773,217	14,261	13,793	91	67	11 620	37,705	129,531	3,435	2,967
42	18	96 983	6 886,749	97 426,630	14,147	13,678	92	68	9 279	28,271	91,825	3,248	2,779
43	19	96 806	6 454,593	90 539,881	14,027	13,558	93	69	7 192	20,575	63,554	3,089	2,620
44	20	96 599	6 047,694	84 085,288	13,904	13,435	94	70	5 447	14,633	42,979	2,937	2,468
45	21	96 373	5 665,306	78 037,594	13,775	13,306	95	71	4 021	10,142	28,346	2,795	2,326
46	22	96 120	5 305,566	72 372,288	13,641	13,172	96	72	2 888	6,839	18,204	2,662	2,193
47	23	95 833	4 966,889	67 066,722	13,503	13,034	97	73	2 013	4,477	11,366	2,539	2,070
48	24	95 515	4 648,262	62 099,833	13,360	12,891	98	74	1 361	2,842	6,889	2,424	1,955
49	25	95 156	4 348,163	57 451,571	13,213	12,744	99	75	891	1,747	4,047	2,316	1,848
							100	76	564	1,038	2,300	2,216	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	4 066,878	53 144,881	13,068	12,599
1							51	26	94 359	3 801,505	49 078,003	12,910	12,441
2							52	27	93 881	3 551,402	45 276,498	12,749	12,280
3							53	28	93 363	3 316,254	41 725,097	12,582	12,113
4							54	29	92 804	3 095,184	38 408,842	12,409	11,940
5							55	30	92 183	2 886,852	35 313,658	12,233	11,764
6							56	31	91 522	2 691,221	32 426,806	12,049	11,580
7							57	32	90 811	2 507,326	29 735,585	11,859	11,391
8							58	33	90 057	2 334,737	27 228,259	11,662	11,193
9							59	34	89 228	2 172,071	24 893,522	11,461	10,992
10							60	35	88 336	2 019,110	22 721,451	11,253	10,784
11							61	36	87 362	1 874,976	20 702,341	11,041	10,573
12							62	37	86 339	1 739,937	18 827,365	10,821	10,352
13							63	38	85 233	1 612,808	17 087,428	10,595	10,126
14							64	39	84 064	1 493,604	15 474,620	10,361	9,892
15							65	40	82 798	1 381,316	13 981,016	10,122	9,653
16							66	41	81 449	1 275,884	12 599,701	9,875	9,407
17							67	42	80 025	1 177,063	11 323,816	9,620	9,152
18							68	43	78 508	1 084,272	10 146,753	9,358	8,889
19							69	44	76 884	997,035	9 062,481	9,089	8,621
20							70	45	75 136	914,909	8 065,446	8,816	8,347
21							71	46	73 265	837,671	7 150,537	8,536	8,067
22							72	47	71 261	765,038	6 312,866	8,252	7,783
23							73	48	69 068	696,237	5 547,828	7,968	7,500
24							74	49	66 730	631,614	4 851,591	7,681	7,213
25	0	98 931	20 492,358	316 337,574	15,437	14,968	75	50	64 187	570,462	4 219,977	7,397	6,929
26	1	98 556	19 168,717	295 845,216	15,434	14,965	76	51	61 494	513,168	3 649,516	7,112	6,643
27	2	98 468	17 982,689	276 676,499	15,386	14,917	77	52	58 631	459,421	3 136,348	6,827	6,358
28	3	98 390	16 871,746	258 693,810	15,333	14,864	78	53	55 563	408,806	2 676,927	6,548	6,079
29	4	98 314	15 829,928	241 822,064	15,276	14,808	79	54	52 312	361,398	2 268,121	6,276	5,807
30	5	98 239	14 852,439	225 992,136	15,216	14,747	80	55	48 987	317,767	1 906,723	6,000	5,532
31	6	98 165	13 935,427	211 139,697	15,151	14,683	81	56	45 496	277,111	1 588,956	5,734	5,265
32	7	98 085	13 074,161	197 204,270	15,084	14,615	82	57	41 930	239,806	1 311,844	5,470	5,002
33	8	98 003	12 266,018	184 130,108	15,011	14,543	83	58	38 319	205,776	1 072,039	5,210	4,741
34	9	97 926	11 508,308	171 864,091	14,934	14,465	84	59	34 700	174,969	866,262	4,951	4,482
35	10	97 841	10 796,507	160 355,782	14,853	14,384	85	60	31 071	147,109	691,293	4,699	4,230
36	11	97 748	10 127,975	149 559,275	14,767	14,298	86	61	27 416	121,879	544,184	4,465	3,996
37	12	97 651	9 500,406	139 431,300	14,676	14,208	87	62	23 835	99,495	422,305	4,244	3,776
38	13	97 547	8 911,076	129 930,894	14,581	14,112	88	63	20 325	79,664	322,810	4,052	3,583
39	14	97 433	8 357,376	121 019,818	14,481	14,012	89	64	17 144	63,095	243,146	3,854	3,385
40	15	97 306	7 837,120	112 662,442	14,375	13,907	90	65	14 224	49,152	180,051	3,663	3,194
41	16	97 160	7 347,769	104 825,322	14,266	13,798	91	66	11 717	38,018	130,899	3,443	2,974
42	17	97 001	6 887,958	97 477,553	14,152	13,683	92	67	9 364	28,528	92,881	3,256	2,787
43	18	96 827	6 456,003	90 589,595	14,032	13,563	93	68	7 263	20,779	64,352	3,097	2,628
44	19	96 620	6 048,995	84 133,592	13,909	13,440	94	69	5 508	14,795	43,574	2,945	2,476
45	20	96 393	5 666,502	78 084,597	13,780	13,311	95	70	4 070	10,265	28,779	2,804	2,335
46	21	96 141	5 306,713	72 418,095	13,647	13,178	96	71	2 927	6,931	18,514	2,671	2,202
47	22	95 855	4 968,030	67 111,382	13,509	13,040	97	72	2 045	4,547	11,583	2,547	2,079
48	23	95 537	4 649,319	62 143,352	13,366	12,897	98	73	1 385	2,892	7,036	2,433	1,964
49	24	95 178	4 349,152	57 494,033	13,220	12,751	99	74	909	1,782	4,144	2,326	1,857
							100	75	576	1,061	2,362	2,226	1,757

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 545 632,250	15,456	14,987	50	50	93 003	3 548,978	43 012,985	12,120	11,651
1	1	99 275	92 997,796	1 445 632,250	15,545	15,076	51	51	92 389	3 302,633	39 464,008	11,949	11,480
2	2	99 212	87 061,604	1 352 634,454	15,537	15,067	52	52	91 717	3 071,279	36 161,375	11,774	11,305
3	3	99 177	81 527,694	1 265 572,850	15,523	15,054	53	53	90 982	2 854,014	33 090,096	11,594	11,125
4	4	99 147	76 350,066	1 184 045,157	15,508	15,039	54	54	90 185	2 650,131	30 236,082	11,409	10,940
5	5	99 121	71 503,434	1 107 695,091	15,491	15,022	55	55	89 321	2 458,791	27 585,951	11,219	10,750
6	6	99 101	66 968,331	1 036 191,657	15,473	15,004	56	56	88 386	2 279,199	25 127,160	11,025	10,555
7	7	99 082	62 722,156	969 223,327	15,453	14,984	57	57	87 395	2 111,138	22 847,961	10,823	10,353
8	8	99 064	58 745,528	906 501,170	15,431	14,962	58	58	86 341	1 953,801	20 736,823	10,614	10,144
9	9	99 049	55 022,231	847 755,643	15,408	14,938	59	59	85 187	1 805,803	18 773,022	10,401	9,932
10	10	99 034	51 535,377	792 733,412	15,382	14,913	60	60	83 967	1 667,378	16 977,219	10,182	9,713
11	11	99 017	48 268,494	741 198,035	15,356	14,887	61	61	82 622	1 536,935	15 309,841	9,961	9,492
12	12	99 000	45 208,401	692 929,542	15,327	14,858	62	62	81 229	1 415,472	13 772,906	9,730	9,261
13	13	98 982	42 342,115	647 721,141	15,297	14,828	63	63	79 727	1 301,450	12 357,434	9,495	9,026
14	14	98 963	39 657,371	605 379,026	15,265	14,796	64	64	78 155	1 195,122	11 055,983	9,251	8,782
15	15	98 935	37 139,037	565 721,655	15,233	14,763	65	65	76 477	1 095,521	9 860,862	9,001	8,532
16	16	98 902	34 779,003	528 582,618	15,198	14,729	66	66	74 702	1 002,432	8 765,341	8,744	8,275
17	17	98 856	32 564,965	493 803,615	15,164	14,695	67	67	72 853	915,802	7 762,909	8,477	8,007
18	18	98 805	30 490,053	461 238,650	15,128	14,658	68	68	70 895	834,830	6 847,108	8,202	7,733
19	19	98 729	28 540,002	430 748,597	15,093	14,624	69	69	68 821	759,163	6 012,278	7,920	7,450
20	20	98 654	26 715,039	402 208,594	15,056	14,586	70	70	66 595	688,155	5 253,115	7,634	7,164
21	21	98 574	25 005,571	375 493,555	15,016	14,547	71	71	64 247	621,915	4 564,959	7,340	6,871
22	22	98 497	23 406,152	350 487,984	14,974	14,505	72	72	61 752	559,967	3 943,044	7,042	6,572
23	23	98 419	21 908,766	327 081,832	14,929	14,460	73	73	59 028	501,418	3 383,077	6,747	6,278
24	24	98 342	20 507,465	305 173,066	14,881	14,412	74	74	56 145	446,772	2 881,659	6,450	5,981
25	25	98 263	19 195,307	284 665,601	14,830	14,361	75	75	53 072	395,620	2 434,887	6,155	5,685
26	26	98 183	17 966,891	265 470,294	14,776	14,306	76	76	49 829	347,955	2 039,267	5,861	5,392
27	27	98 097	16 816,038	247 503,403	14,718	14,249	77	77	46 421	303,661	1 691,312	5,570	5,101
28	28	98 010	15 738,695	230 687,365	14,657	14,188	78	78	42 837	262,496	1 387,652	5,286	4,817
29	29	97 924	14 730,545	214 948,670	14,592	14,123	79	79	39 108	224,494	1 125,156	5,012	4,543
30	30	97 833	13 786,403	200 218,125	14,523	14,054	80	80	35 359	190,140	900,662	4,737	4,268
31	31	97 742	12 902,542	186 431,722	14,449	13,980	81	81	31 529	158,821	710,523	4,474	4,005
32	32	97 637	12 073,794	173 529,181	14,372	13,903	82	82	27 725	130,828	551,702	4,217	3,748
33	33	97 531	11 297,987	161 455,387	14,291	13,822	83	83	23 995	106,068	420,874	3,968	3,499
34	34	97 425	10 572,082	150 157,400	14,203	13,734	84	84	20 410	84,518	314,806	3,725	3,256
35	35	97 306	9 891,572	139 585,318	14,112	13,642	85	85	17 005	65,964	230,288	3,491	3,022
36	36	97 181	9 254,144	129 693,746	14,015	13,546	86	86	13 800	50,147	164,324	3,277	2,808
37	37	97 047	8 657,041	120 439,602	13,912	13,443	87	87	10 900	37,104	114,178	3,077	2,608
38	38	96 900	8 097,363	111 782,561	13,805	13,336	88	88	8 281	26,407	77,074	2,919	2,450
39	39	96 738	7 572,718	103 685,198	13,692	13,223	89	89	6 150	18,370	50,667	2,758	2,289
40	40	96 557	7 080,571	96 112,480	13,574	13,105	90	90	4 421	12,371	32,297	2,611	2,142
41	41	96 357	6 619,089	89 031,909	13,451	12,982	91	91	3 126	8,195	19,926	2,432	1,962
42	42	96 134	6 186,196	82 412,820	13,322	12,853	92	92	2 083	5,115	11,731	2,294	1,825
43	43	95 888	5 780,214	76 226,623	13,188	12,718	93	93	1 322	3,042	6,617	2,175	1,706
44	44	95 602	5 398,603	70 446,410	13,049	12,580	94	94	803	1,731	3,575	2,066	1,597
45	45	95 291	5 040,770	65 047,807	12,904	12,435	95	95	465	0,938	1,844	1,966	1,497
46	46	94 933	4 704,279	60 007,037	12,756	12,287	96	96	256	0,483	0,906	1,875	1,406
47	47	94 524	4 387,864	55 302,758	12,604	12,134	97	97	133	0,236	0,423	1,793	1,324
48	48	94 068	4 090,586	50 914,894	12,447	11,978	98	98	66	0,109	0,187	1,718	1,249
49	49	93 563	3 811,323	46 824,308	12,286	11,816	99	99	30	0,047	0,078	1,649	1,180
							100	100	13	0,019	0,031	1,587	1,118

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 544 699,296	15,497	15,027	50	51	92 786	3 540,686	42 692,480	12,058	11,589
1	2	99 247	92 971,354	1 445 019,257	15,543	15,074	51	52	92 159	3 294,406	39 151,794	11,884	11,415
2	3	99 196	87 047,568	1 352 047,904	15,532	15,063	52	53	91 463	3 062,769	35 857,388	11,708	11,238
3	4	99 162	81 516,004	1 265 000,336	15,518	15,049	53	54	90 705	2 845,340	32 794,619	11,526	11,057
4	5	99 135	76 340,916	1 183 484,332	15,503	15,033	54	55	89 897	2 641,688	29 949,279	11,337	10,868
5	6	99 112	71 496,966	1 107 143,417	15,485	15,016	55	56	89 000	2 449,945	27 307,592	11,146	10,677
6	7	99 093	66 962,961	1 035 646,451	15,466	14,997	56	57	88 051	2 270,554	24 857,646	10,948	10,479
7	8	99 074	62 716,916	968 683,490	15,445	14,976	57	58	87 034	2 102,427	22 587,092	10,743	10,274
8	9	99 058	58 741,879	905 966,574	15,423	14,954	58	59	85 947	1 944,892	20 484,665	10,533	10,063
9	10	99 042	55 018,738	847 224,695	15,399	14,930	59	60	84 780	1 797,174	18 539,773	10,316	9,847
10	11	99 026	51 531,225	792 205,957	15,373	14,904	60	61	83 508	1 658,261	16 742,599	10,096	9,627
11	12	99 009	48 264,660	740 674,732	15,346	14,877	61	62	82 152	1 528,197	15 084,338	9,871	9,402
12	13	98 992	45 204,935	692 410,072	15,317	14,848	62	63	80 719	1 406,591	13 556,141	9,638	9,168
13	14	98 972	42 337,950	647 205,137	15,287	14,818	63	64	79 195	1 292,771	12 149,550	9,398	8,929
14	15	98 951	39 652,462	604 867,187	15,254	14,785	64	65	77 593	1 186,522	10 856,779	9,150	8,681
15	16	98 921	37 134,003	565 214,725	15,221	14,752	65	66	75 885	1 087,039	9 670,257	8,896	8,427
16	17	98 886	34 773,412	528 080,723	15,186	14,717	66	67	74 088	994,192	8 583,218	8,633	8,164
17	18	98 839	32 559,249	493 307,311	15,151	14,682	67	68	72 196	907,542	7 589,026	8,362	7,893
18	19	98 784	30 483,393	460 748,062	15,115	14,646	68	69	70 200	826,652	6 681,485	8,083	7,613
19	20	98 708	28 533,864	430 264,669	15,079	14,610	69	70	68 066	750,837	5 854,832	7,798	7,329
20	21	98 633	26 709,403	401 730,805	15,041	14,572	70	71	65 799	679,933	5 103,996	7,507	7,037
21	22	98 553	25 000,166	375 021,402	15,001	14,532	71	72	63 389	613,617	4 424,062	7,210	6,741
22	23	98 474	23 400,774	350 021,236	14,958	14,489	72	73	60 796	551,301	3 810,445	6,912	6,443
23	24	98 397	21 903,782	326 620,462	14,912	14,442	73	74	58 004	492,726	3 259,144	6,615	6,145
24	25	98 320	20 502,802	304 716,680	14,862	14,393	74	75	55 060	438,139	2 766,418	6,314	5,845
25	26	98 242	19 191,030	284 213,877	14,810	14,341	75	76	51 890	386,805	2 328,279	6,019	5,550
26	27	98 157	17 962,091	265 022,848	14,755	14,285	76	77	48 566	339,135	1 941,474	5,725	5,256
27	28	98 072	16 811,698	247 060,757	14,696	14,227	77	78	45 077	294,868	1 602,340	5,434	4,965
28	29	97 984	15 734,607	230 249,059	14,633	14,164	78	79	41 412	253,765	1 307,471	5,152	4,683
29	30	97 896	14 726,459	214 514,452	14,567	14,097	79	80	37 640	216,064	1 053,706	4,877	4,408
30	31	97 807	13 782,619	199 787,993	14,496	14,027	80	81	33 826	181,893	837,642	4,605	4,136
31	32	97 710	12 898,335	186 005,374	14,421	13,952	81	82	29 968	150,960	655,749	4,344	3,875
32	33	97 604	12 069,612	173 107,039	14,342	13,873	82	83	26 148	123,388	504,789	4,091	3,622
33	34	97 495	11 293,900	161 037,427	14,259	13,790	83	84	22 436	99,178	381,401	3,846	3,376
34	35	97 385	10 567,791	149 743,527	14,170	13,701	84	85	18 900	78,265	282,223	3,606	3,137
35	36	97 265	9 887,357	139 175,736	14,076	13,607	85	86	15 555	60,337	203,958	3,380	2,911
36	37	97 135	9 249,829	129 288,379	13,977	13,508	86	87	12 466	45,300	143,621	3,170	2,701
37	38	96 996	8 652,481	120 038,550	13,873	13,404	87	88	9 650	32,850	98,321	2,993	2,524
38	39	96 843	8 092,589	111 386,069	13,764	13,295	88	89	7 242	23,094	65,471	2,835	2,366
39	40	96 670	7 567,393	103 293,480	13,650	13,181	89	90	5 290	15,803	42,378	2,682	2,213
40	41	96 488	7 075,524	95 726,087	13,529	13,060	90	91	3 766	10,537	26,575	2,522	2,053
41	42	96 277	6 613,589	88 650,563	13,404	12,935	91	92	2 585	6,776	16,038	2,367	1,898
42	43	96 043	6 180,345	82 036,975	13,274	12,805	92	93	1 689	4,148	9,262	2,233	1,764
43	44	95 786	5 774,112	75 856,630	13,137	12,668	93	94	1 049	2,412	5,114	2,120	1,651
44	45	95 494	5 392,498	70 082,518	12,996	12,527	94	95	622	1,341	2,702	2,015	1,546
45	46	95 162	5 033,952	64 690,020	12,851	12,382	95	96	351	0,709	1,361	1,920	1,451
46	47	94 785	4 696,983	59 656,068	12,701	12,232	96	97	188	0,356	0,652	1,833	1,364
47	48	94 360	4 380,250	54 959,085	12,547	12,078	97	98	95	0,169	0,296	1,755	1,286
48	49	93 894	4 083,006	50 578,835	12,388	11,919	98	99	46	0,076	0,128	1,683	1,214
49	50	93 367	3 803,349	46 495,829	12,225	11,756	99	100	21	0,032	0,052	1,618	1,149



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 544 031,614	15,494	15,025	50	52	92 555	3 531,867	42 346,281	11,990	11,521
1	3	99 231	92 956,365	1 444 379,918	15,538	15,069	51	53	91 904	3 285,278	38 814,415	11,815	11,346
2	4	99 181	87 035,087	1 351 423,553	15,527	15,058	52	54	91 185	3 053,460	35 529,136	11,636	11,167
3	5	99 150	81 506,234	1 264 388,466	15,513	15,044	53	55	90 416	2 836,274	32 475,676	11,450	10,981
4	6	99 126	76 334,010	1 182 882,232	15,496	15,027	54	56	89 574	2 632,184	29 639,402	11,260	10,791
5	7	99 104	71 491,233	1 106 548,222	15,478	15,009	55	57	88 662	2 440,653	27 007,218	11,066	10,596
6	8	99 084	66 957,367	1 035 056,989	15,458	14,989	56	58	87 687	2 261,185	24 566,565	10,864	10,395
7	9	99 068	62 713,021	968 099,622	15,437	14,968	57	59	86 637	2 092,841	22 305,380	10,658	10,189
8	10	99 052	58 738,150	905 386,601	15,414	14,945	58	60	85 537	1 935,599	20 212,539	10,443	9,973
9	11	99 035	55 014,305	846 648,452	15,390	14,920	59	61	84 317	1 787,347	18 276,940	10,226	9,757
10	12	99 018	51 527,132	791 634,146	15,363	14,894	60	62	83 033	1 648,833	16 489,593	10,001	9,532
11	13	99 002	48 260,961	740 107,014	15,336	14,866	61	63	81 637	1 518,608	14 840,760	9,773	9,303
12	14	98 982	45 200,488	691 846,053	15,306	14,837	62	64	80 181	1 397,211	13 322,152	9,535	9,066
13	15	98 960	42 332,709	646 645,565	15,275	14,806	63	65	78 625	1 283,469	11 924,941	9,291	8,822
14	16	98 938	39 647,086	604 312,856	15,242	14,773	64	66	76 992	1 177,335	10 641,472	9,039	8,569
15	17	98 905	37 128,033	564 665,770	15,209	14,739	65	67	75 262	1 078,104	9 464,137	8,779	8,309
16	18	98 868	34 767,308	527 537,737	15,173	14,704	66	68	73 420	985,225	8 386,034	8,512	8,043
17	19	98 817	32 552,137	492 770,430	15,138	14,669	67	69	71 489	898,652	7 400,809	8,235	7,766
18	20	98 762	30 476,837	460 218,293	15,101	14,631	68	70	69 430	817,586	6 502,157	7,953	7,484
19	21	98 687	28 527,844	429 741,456	15,064	14,595	69	71	67 253	741,866	5 684,571	7,663	7,193
20	22	98 612	26 703,630	401 213,612	15,025	14,556	70	72	64 921	670,861	4 942,705	7,368	6,899
21	23	98 530	24 994,421	374 509,982	14,984	14,515	71	73	62 408	604,121	4 271,844	7,071	6,602
22	24	98 452	23 395,451	349 515,561	14,939	14,470	72	74	59 742	541,744	3 667,723	6,770	6,301
23	25	98 374	21 898,802	326 120,110	14,892	14,423	73	75	56 883	483,204	3 125,979	6,469	6,000
24	26	98 298	20 498,234	304 221,307	14,841	14,372	74	76	53 833	428,377	2 642,775	6,169	5,700
25	27	98 215	19 185,903	283 723,074	14,788	14,319	75	77	50 575	377,001	2 214,398	5,874	5,405
26	28	98 132	17 957,454	264 537,171	14,731	14,262	76	78	47 160	329,315	1 837,397	5,579	5,110
27	29	98 046	16 807,331	246 579,717	14,671	14,202	77	79	43 578	285,062	1 508,082	5,290	4,821
28	30	97 957	15 730,243	229 772,386	14,607	14,138	78	80	39 857	244,236	1 223,020	5,008	4,538
29	31	97 870	14 722,418	214 042,143	14,539	14,069	79	81	36 007	206,693	978,784	4,735	4,266
30	32	97 775	13 778,126	199 319,725	14,466	13,997	80	82	32 151	172,890	772,091	4,466	3,997
31	33	97 676	12 893,868	185 541,600	14,390	13,921	81	83	28 264	142,375	599,202	4,209	3,739
32	34	97 568	12 065,245	172 647,732	14,310	13,840	82	84	24 449	115,373	456,826	3,960	3,490
33	35	97 456	11 289,316	160 582,487	14,224	13,755	83	85	20 776	91,840	341,454	3,718	3,249
34	36	97 344	10 563,288	149 293,170	14,133	13,664	84	86	17 288	71,589	249,614	3,487	3,018
35	37	97 220	9 882,746	138 729,882	14,038	13,568	85	87	14 051	54,506	178,024	3,266	2,797
36	38	97 084	9 244,957	128 847,136	13,937	13,468	86	88	11 037	40,106	123,519	3,080	2,611
37	39	96 938	8 647,380	119 602,179	13,831	13,362	87	89	8 440	28,728	83,413	2,903	2,434
38	40	96 775	8 086,898	110 954,799	13,720	13,251	88	90	6 230	19,866	54,684	2,753	2,284
39	41	96 602	7 561,999	102 867,901	13,603	13,134	89	91	4 506	13,461	34,819	2,587	2,118
40	42	96 408	7 069,644	95 305,903	13,481	13,012	90	92	3 114	8,713	21,358	2,451	1,982
41	43	96 185	6 607,332	88 236,258	13,354	12,885	91	93	2 096	5,495	12,645	2,301	1,832
42	44	95 941	6 173,821	81 628,926	13,222	12,753	92	94	1 340	3,290	7,150	2,173	1,704
43	45	95 678	5 767,583	75 455,105	13,083	12,613	93	95	812	1,869	3,860	2,066	1,596
44	46	95 365	5 385,204	69 687,522	12,941	12,471	94	96	470	1,013	1,991	1,966	1,497
45	47	95 014	5 026,145	64 302,318	12,794	12,324	95	97	258	0,522	0,978	1,875	1,406
46	48	94 621	4 688,832	59 276,173	12,642	12,173	96	98	135	0,255	0,457	1,793	1,324
47	49	94 185	4 372,133	54 587,341	12,485	12,016	97	99	66	0,118	0,202	1,718	1,249
48	50	93 698	4 074,464	50 215,208	12,324	11,855	98	100	31	0,051	0,084	1,650	1,180
49	51	93 149	3 794,463	46 140,744	12,160	11,691							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 543 335,214	15,490	15,021	50	53	92 298	3 522,081	41 972,600	11,917	11,448
1	4	99 217	92 943,036	1 443 699,583	15,533	15,064	51	54	91 625	3 275,294	38 450,520	11,740	11,270
2	5	99 169	87 024,656	1 350 756,547	15,522	15,052	52	55	90 894	3 043,732	35 175,226	11,557	11,087
3	6	99 141	81 498,861	1 263 731,891	15,506	15,037	53	56	90 091	2 826,071	32 131,495	11,370	10,901
4	7	99 119	76 327,890	1 182 233,030	15,489	15,020	54	57	89 234	2 622,201	29 305,424	11,176	10,707
5	8	99 096	71 485,260	1 105 905,141	15,470	15,001	55	58	88 297	2 430,582	26 683,223	10,978	10,509
6	9	99 078	66 953,208	1 034 419,880	15,450	14,981	56	59	87 288	2 250,875	24 252,641	10,775	10,306
7	10	99 062	62 709,039	967 466,672	15,428	14,959	57	60	86 223	2 082,840	22 001,767	10,563	10,094
8	11	99 044	58 733,418	904 757,633	15,404	14,935	58	61	85 069	1 925,015	19 918,926	10,347	9,878
9	12	99 027	55 009,936	846 024,215	15,379	14,910	59	62	83 837	1 777,185	17 993,911	10,125	9,656
10	13	99 011	51 523,183	791 014,279	15,353	14,883	60	63	82 512	1 638,487	16 216,725	9,897	9,428
11	14	98 992	48 256,213	739 491,097	15,324	14,855	61	64	81 093	1 508,481	14 578,238	9,664	9,195
12	15	98 970	45 194,893	691 234,883	15,295	14,825	62	65	79 604	1 387,157	13 069,757	9,422	8,953
13	16	98 946	42 326,970	646 039,991	15,263	14,794	63	66	78 016	1 273,532	11 682,601	9,173	8,704
14	17	98 922	39 640,712	603 713,020	15,230	14,760	64	67	76 359	1 167,658	10 409,069	8,914	8,445
15	18	98 888	37 121,515	564 072,308	15,195	14,726	65	68	74 583	1 068,379	9 241,411	8,650	8,181
16	19	98 847	34 759,713	526 950,793	15,160	14,691	66	69	72 701	975,574	8 173,032	8,378	7,909
17	20	98 796	32 545,136	492 191,079	15,123	14,654	67	70	70 705	888,796	7 197,458	8,098	7,629
18	21	98 742	30 470,407	459 645,943	15,085	14,616	68	71	68 601	807,817	6 308,662	7,810	7,340
19	22	98 665	28 521,678	429 175,536	15,047	14,578	69	72	66 355	731,967	5 500,845	7,515	7,046
20	23	98 589	26 697,493	400 653,858	15,007	14,538	70	73	63 916	660,479	4 768,878	7,220	6,751
21	24	98 508	24 988,736	373 956,365	14,965	14,496	71	74	61 327	593,648	4 108,398	6,921	6,451
22	25	98 430	23 390,132	348 967,629	14,919	14,450	72	75	58 588	531,276	3 514,750	6,616	6,147
23	26	98 352	21 893,922	325 577,497	14,871	14,402	73	76	55 616	472,438	2 983,474	6,315	5,846
24	27	98 272	20 492,757	303 683,574	14,819	14,350	74	77	52 469	417,518	2 511,037	6,014	5,545
25	28	98 190	19 180,950	283 190,817	14,764	14,295	75	78	49 110	366,085	2 093,518	5,719	5,250
26	29	98 106	17 952,790	264 009,867	14,706	14,237	76	79	45 591	318,363	1 727,433	5,426	4,957
27	30	98 019	16 802,669	246 057,077	14,644	14,175	77	80	41 941	274,357	1 409,070	5,136	4,667
28	31	97 930	15 725,926	229 254,408	14,578	14,109	78	81	38 128	233,643	1 134,713	4,857	4,387
29	32	97 838	14 717,618	213 528,482	14,508	14,039	79	82	34 225	196,462	901,070	4,586	4,117
30	33	97 741	13 773,354	198 810,864	14,434	13,965	80	83	30 323	163,058	704,608	4,321	3,852
31	34	97 641	12 889,203	185 037,510	14,356	13,887	81	84	26 428	133,127	541,550	4,068	3,599
32	35	97 529	12 060,349	172 148,307	14,274	13,805	82	85	22 641	106,837	408,423	3,823	3,354
33	36	97 414	11 284,505	160 087,959	14,187	13,717	83	86	19 004	84,007	301,587	3,590	3,121
34	37	97 298	10 558,362	148 803,453	14,093	13,624	84	87	15 617	64,670	217,580	3,364	2,895
35	38	97 168	9 877,541	138 245,091	13,996	13,527	85	88	12 440	48,256	152,910	3,169	2,700
36	39	97 027	9 239,506	128 367,550	13,893	13,424	86	89	9 652	35,074	104,654	2,984	2,515
37	40	96 870	8 641,299	119 128,044	13,786	13,317	87	90	7 260	24,713	69,580	2,815	2,346
38	41	96 706	8 081,134	110 486,745	13,672	13,203	88	91	5 307	16,922	44,867	2,651	2,182
39	42	96 521	7 555,715	102 405,611	13,553	13,084	89	92	3 726	11,130	27,945	2,511	2,042
40	43	96 317	7 062,957	94 849,897	13,429	12,960	90	93	2 525	7,066	16,815	2,380	1,910
41	44	96 084	6 600,358	87 786,940	13,300	12,831	91	94	1 663	4,358	9,748	2,237	1,768
42	45	95 833	6 166,839	81 186,582	13,165	12,696	92	95	1 038	2,548	5,390	2,115	1,646
43	46	95 549	5 759,782	75 019,742	13,025	12,556	93	96	614	1,412	2,842	2,013	1,543
44	47	95 217	5 376,852	69 259,960	12,881	12,412	94	97	346	0,745	1,430	1,918	1,449
45	48	94 850	5 017,422	63 883,108	12,732	12,263	95	98	185	0,374	0,684	1,832	1,362
46	49	94 446	4 680,143	58 865,686	12,578	12,109	96	99	94	0,177	0,311	1,753	1,284
47	50	93 988	4 362,986	54 185,543	12,419	11,950	97	100	45	0,079	0,133	1,682	1,213
48	51	93 479	4 064,944	49 822,556	12,257	11,788							
49	52	92 917	3 785,012	45 757,612	12,089	11,620							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 542 594,454	15,485	15,015	50	54	92 018	3 511,376	41 570,036	11,839	11,370
1	5	99 205	92 931,897	1 442 973,110	15,527	15,058	51	55	91 333	3 264,858	38 058,660	11,657	11,188
2	6	99 161	87 016,783	1 350 041,212	15,515	15,046	52	56	90 567	3 032,782	34 793,802	11,473	11,003
3	7	99 133	81 492,327	1 263 024,429	15,499	15,030	53	57	89 749	2 815,352	31 761,020	11,281	10,812
4	8	99 110	76 321,513	1 181 532,102	15,481	15,012	54	58	88 866	2 611,381	28 945,669	11,084	10,615
5	9	99 090	71 480,820	1 105 210,589	15,462	14,993	55	59	87 894	2 419,500	26 334,288	10,884	10,415
6	10	99 072	66 948,958	1 033 729,769	15,441	14,971	56	60	86 871	2 240,119	23 914,789	10,676	10,207
7	11	99 054	62 703,988	966 780,811	15,418	14,949	57	61	85 752	2 071,452	21 674,669	10,464	9,994
8	12	99 036	58 728,753	904 076,824	15,394	14,925	58	62	84 585	1 914,071	19 603,218	10,242	9,773
9	13	99 019	55 005,719	845 348,071	15,368	14,899	59	63	83 311	1 766,034	17 689,147	10,016	9,547
10	14	99 001	51 518,114	790 342,351	15,341	14,872	60	64	81 962	1 627,561	15 923,113	9,783	9,314
11	15	98 980	48 250,239	738 824,237	15,312	14,843	61	65	80 509	1 497,626	14 295,552	9,545	9,076
12	16	98 957	45 188,766	690 573,998	15,282	14,813	62	66	78 988	1 376,417	12 797,926	9,298	8,829
13	17	98 930	42 320,166	645 385,232	15,250	14,781	63	67	77 375	1 263,063	11 421,510	9,043	8,574
14	18	98 904	39 633,754	603 065,066	15,216	14,747	64	68	75 670	1 157,126	10 158,446	8,779	8,310
15	19	98 866	37 113,407	563 431,312	15,181	14,712	65	69	73 852	1 057,914	9 001,320	8,509	8,039
16	20	98 825	34 752,238	526 317,905	15,145	14,676	66	70	71 904	964,874	7 943,406	8,233	7,763
17	21	98 775	32 538,270	491 565,668	15,107	14,638	67	71	69 860	878,176	6 978,531	7,947	7,477
18	22	98 720	30 463,821	459 027,398	15,068	14,599	68	72	67 685	797,038	6 100,355	7,654	7,185
19	23	98 643	28 515,124	428 563,577	15,029	14,560	69	73	65 328	720,640	5 303,316	7,359	6,890
20	24	98 567	26 691,421	400 048,453	14,988	14,519	70	74	62 808	649,030	4 582,677	7,061	6,592
21	25	98 485	24 983,055	373 357,032	14,944	14,475	71	75	60 142	582,177	3 933,647	6,757	6,288
22	26	98 408	23 384,920	348 373,978	14,897	14,428	72	76	57 282	519,438	3 351,470	6,452	5,983
23	27	98 326	21 888,073	324 989,058	14,848	14,379	73	77	54 206	460,462	2 832,032	6,150	5,681
24	28	98 247	20 487,467	303 100,985	14,794	14,325	74	78	50 949	405,429	2 371,570	5,850	5,380
25	29	98 164	19 175,968	282 613,517	14,738	14,269	75	79	47 477	353,909	1 966,140	5,555	5,086
26	30	98 079	17 947,811	263 437,549	14,678	14,209	76	80	43 879	306,408	1 612,231	5,262	4,793
27	31	97 992	16 798,058	245 489,738	14,614	14,145	77	81	40 122	262,458	1 305,822	4,975	4,506
28	32	97 898	15 720,799	228 691,680	14,547	14,078	78	82	36 241	222,079	1 043,365	4,698	4,229
29	33	97 804	14 712,520	212 970,882	14,475	14,006	79	83	32 279	185,290	821,286	4,432	3,963
30	34	97 706	13 768,371	198 258,361	14,400	13,930	80	84	28 353	152,466	635,996	4,171	3,702
31	35	97 601	12 883,972	184 489,991	14,319	13,850	81	85	24 473	123,277	483,530	3,922	3,453
32	36	97 487	12 055,209	171 606,018	14,235	13,766	82	86	20 709	97,724	360,253	3,686	3,217
33	37	97 369	11 279,243	159 550,809	14,146	13,676	83	87	17 167	75,888	262,529	3,459	2,990
34	38	97 247	10 552,801	148 271,566	14,050	13,581	84	88	13 827	57,255	186,642	3,260	2,791
35	39	97 111	9 871,717	137 718,765	13,951	13,482	85	89	10 879	42,202	129,387	3,066	2,597
36	40	96 959	9 233,009	127 847,048	13,847	13,378	86	90	8 303	30,172	87,185	2,890	2,420
37	41	96 801	8 635,139	118 614,039	13,736	13,267	87	91	6 184	21,051	57,013	2,708	2,239
38	42	96 625	8 074,419	109 978,900	13,621	13,152	88	92	4 388	13,992	35,962	2,570	2,101
39	43	96 430	7 548,567	101 904,481	13,500	13,031	89	93	3 022	9,027	21,971	2,434	1,965
40	44	96 215	7 055,502	94 355,914	13,373	12,904	90	94	2 003	5,604	12,944	2,310	1,840
41	45	95 975	6 592,894	87 300,412	13,242	12,772	91	95	1 288	3,376	7,339	2,174	1,705
42	46	95 703	6 158,498	80 707,518	13,105	12,636	92	96	784	1,925	3,963	2,058	1,589
43	47	95 401	5 750,849	74 549,019	12,963	12,494	93	97	452	1,039	2,038	1,961	1,492
44	48	95 052	5 367,521	68 798,171	12,817	12,348	94	98	248	0,534	0,999	1,871	1,402
45	49	94 674	5 008,125	63 430,650	12,666	12,196	95	99	129	0,260	0,465	1,789	1,320
46	50	94 248	4 670,352	58 422,524	12,509	12,040	96	100	63	0,120	0,205	1,715	1,246
47	51	93 769	4 352,792	53 752,172	12,349	11,880							
48	52	93 246	4 054,819	49 399,380	12,183	11,714							
49	53	92 659	3 774,524	45 344,560	12,013	11,544							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 541 803,882	15,478	15,009	50	55	91 725	3 500,188	41 137,083	11,753	11,284
1	6	99 196	92 923,491	1 442 194,477	15,520	15,051	51	56	91 004	3 253,113	37 636,895	11,570	11,100
2	7	99 153	87 009,807	1 349 270,986	15,507	15,038	52	57	90 224	3 021,279	34 383,782	11,381	10,911
3	8	99 125	81 485,519	1 262 261,179	15,491	15,021	53	58	89 379	2 803,735	31 362,504	11,186	10,717
4	9	99 104	76 316,772	1 180 775,661	15,472	15,003	54	59	88 461	2 599,474	28 558,769	10,986	10,517
5	10	99 084	71 476,282	1 104 458,888	15,452	14,983	55	60	87 474	2 407,938	25 959,295	10,781	10,312
6	11	99 064	66 943,564	1 032 982,606	15,431	14,962	56	61	86 396	2 227,870	23 551,357	10,571	10,102
7	12	99 046	62 699,008	966 039,042	15,408	14,938	57	62	85 264	2 059,675	21 323,486	10,353	9,884
8	13	99 029	58 724,251	903 340,034	15,383	14,914	58	63	84 055	1 902,060	19 263,812	10,128	9,659
9	14	99 009	55 000,308	844 615,783	15,357	14,887	59	64	82 756	1 754,257	17 361,752	9,897	9,428
10	15	98 989	51 511,736	789 615,475	15,329	14,860	60	65	81 372	1 615,849	15 607,495	9,659	9,190
11	16	98 966	48 243,699	738 103,738	15,299	14,830	61	66	79 886	1 486,031	13 991,646	9,415	8,946
12	17	98 941	45 181,501	689 860,040	15,269	14,800	62	67	78 338	1 365,103	12 505,615	9,161	8,692
13	18	98 913	42 312,737	644 678,538	15,236	14,767	63	68	76 677	1 251,671	11 140,512	8,901	8,431
14	19	98 883	39 625,096	602 365,801	15,202	14,732	64	69	74 929	1 145,792	9 888,841	8,631	8,161
15	20	98 845	37 105,425	562 740,705	15,166	14,697	65	70	73 042	1 046,312	8 743,049	8,356	7,887
16	21	98 805	34 744,905	525 635,280	15,128	14,659	66	71	71 045	953,346	7 696,737	8,073	7,604
17	22	98 754	32 531,236	490 890,374	15,090	14,621	67	72	68 928	866,459	6 743,392	7,783	7,314
18	23	98 698	30 456,821	458 359,138	15,049	14,580	68	73	66 638	784,704	5 876,933	7,489	7,020
19	24	98 620	28 508,638	427 902,317	15,010	14,540	69	74	64 196	708,147	5 092,228	7,191	6,722
20	25	98 544	26 685,352	399 393,679	14,967	14,498	70	75	61 594	636,488	4 384,081	6,888	6,419
21	26	98 463	24 977,487	372 708,327	14,922	14,453	71	76	58 802	569,205	3 747,594	6,584	6,115
22	27	98 381	23 378,672	347 730,839	14,874	14,405	72	77	55 830	506,272	3 178,388	6,278	5,809
23	28	98 301	21 882,423	324 352,167	14,822	14,353	73	78	52 637	447,130	2 672,117	5,976	5,507
24	29	98 221	20 482,146	302 469,744	14,767	14,298	74	79	49 255	391,946	2 224,987	5,677	5,208
25	30	98 137	19 170,650	281 987,597	14,709	14,240	75	80	45 694	340,620	1 833,041	5,381	4,912
26	31	98 052	17 942,885	262 816,948	14,647	14,178	76	81	41 976	293,118	1 492,421	5,092	4,622
27	32	97 960	16 792,581	244 874,063	14,582	14,113	77	82	38 136	249,467	1 199,303	4,807	4,338
28	33	97 864	15 715,354	228 081,482	14,513	14,044	78	83	34 180	209,450	949,836	4,535	4,066
29	34	97 768	14 707,197	212 366,127	14,440	13,970	79	84	30 182	173,254	740,386	4,273	3,804
30	35	97 666	13 762,783	197 658,930	14,362	13,893	80	85	26 256	141,186	567,132	4,017	3,548
31	36	97 559	12 878,482	183 896,147	14,279	13,810	81	86	22 385	112,762	425,947	3,777	3,308
32	37	97 442	12 049,588	171 017,665	14,193	13,724	82	87	18 708	88,279	313,185	3,548	3,079
33	38	97 318	11 273,302	158 968,078	14,101	13,632	83	88	15 199	67,186	224,906	3,347	2,878
34	39	97 190	10 546,579	147 694,775	14,004	13,535	84	89	12 092	50,072	157,719	3,150	2,681
35	40	97 043	9 864,775	137 148,196	13,903	13,434	85	90	9 359	36,303	107,648	2,965	2,496
36	41	96 890	9 226,427	127 283,421	13,796	13,326	86	91	7 073	25,700	71,345	2,776	2,307
37	42	96 721	8 627,964	118 056,993	13,683	13,214	87	92	5 113	17,406	45,644	2,622	2,153
38	43	96 534	8 066,781	109 429,030	13,565	13,096	88	93	3 559	11,348	28,238	2,488	2,019
39	44	96 328	7 540,600	101 362,249	13,442	12,973	89	94	2 397	7,159	16,891	2,359	1,890
40	45	96 106	7 047,523	93 821,650	13,313	12,844	90	95	1 551	4,341	9,731	2,242	1,772
41	46	95 845	6 583,977	86 774,127	13,180	12,710	91	96	973	2,551	5,390	2,113	1,644
42	47	95 555	6 148,947	80 190,150	13,041	12,572	92	97	577	1,417	2,839	2,004	1,534
43	48	95 235	5 740,869	74 041,203	12,897	12,428	93	98	323	0,744	1,422	1,911	1,442
44	49	94 876	5 357,575	68 300,334	12,748	12,279	94	99	172	0,371	0,678	1,826	1,357
45	50	94 476	4 997,648	62 942,759	12,594	12,125	95	100	87	0,175	0,307	1,748	1,279
46	51	94 028	4 659,440	57 945,111	12,436	11,967							
47	52	93 535	4 341,951	53 285,671	12,272	11,803							
48	53	92 988	4 043,584	48 943,720	12,104	11,635							
49	54	92 378	3 763,053	44 900,136	11,932	11,463							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 540 957,121	15,471	15,002	50	56	91 395	3 487,596	40 671,718	11,662	11,193
1	7	99 188	92 916,040	1 441 356,726	15,512	15,043	51	57	90 659	3 240,774	37 184,121	11,474	11,005
2	8	99 144	87 002,538	1 348 440,686	15,499	15,030	52	58	89 851	3 008,812	33 943,348	11,281	10,812
3	9	99 119	81 480,457	1 261 438,148	15,481	15,012	53	59	88 971	2 790,951	30 934,536	11,084	10,615
4	10	99 098	76 311,928	1 179 957,691	15,462	14,993	54	60	88 038	2 587,052	28 143,585	10,879	10,410
5	11	99 076	71 470,524	1 103 645,764	15,442	14,973	55	61	86 996	2 394,772	25 556,532	10,672	10,203
6	12	99 056	66 938,247	1 032 175,239	15,420	14,951	56	62	85 904	2 215,204	23 161,760	10,456	9,987
7	13	99 038	62 694,201	965 236,992	15,396	14,927	57	63	84 729	2 046,751	20 946,556	10,234	9,765
8	14	99 019	58 718,474	902 542,790	15,371	14,902	58	64	83 494	1 889,376	18 899,806	10,003	9,534
9	15	98 997	54 993,500	843 824,316	15,344	14,875	59	65	82 160	1 741,634	17 010,430	9,767	9,298
10	16	98 975	51 504,753	788 830,816	15,316	14,847	60	66	80 742	1 603,338	15 268,796	9,523	9,054
11	17	98 950	48 235,943	737 326,063	15,286	14,817	61	67	79 229	1 473,816	13 665,458	9,272	8,803
12	18	98 923	45 173,570	689 090,120	15,254	14,785	62	68	77 632	1 352,790	12 191,642	9,012	8,543
13	19	98 891	42 303,494	643 916,550	15,221	14,752	63	69	75 926	1 239,411	10 838,851	8,745	8,276
14	20	98 862	39 616,575	601 613,056	15,186	14,717	64	70	74 107	1 133,225	9 599,441	8,471	8,002
15	21	98 824	37 097,596	561 996,481	15,149	14,680	65	71	72 169	1 033,810	8 466,216	8,189	7,720
16	22	98 783	34 737,395	524 898,884	15,110	14,641	66	72	70 097	940,625	7 432,405	7,902	7,432
17	23	98 731	32 523,761	490 161,489	15,071	14,602	67	73	67 861	853,050	6 491,780	7,610	7,141
18	24	98 675	30 449,893	457 637,728	15,029	14,560	68	74	65 483	771,101	5 638,730	7,313	6,843
19	25	98 598	28 502,156	427 187,835	14,988	14,519	69	75	62 955	694,463	4 867,629	7,009	6,540
20	26	98 522	26 679,406	398 685,678	14,944	14,474	70	76	60 222	622,306	4 173,166	6,706	6,237
21	27	98 437	24 970,814	372 006,273	14,898	14,429	71	77	57 311	554,777	3 550,860	6,401	5,931
22	28	98 356	23 372,638	347 035,458	14,848	14,379	72	78	54 214	491,613	2 996,083	6,094	5,625
23	29	98 275	21 876,740	323 662,821	14,795	14,326	73	79	50 886	432,259	2 504,470	5,794	5,325
24	30	98 194	20 476,465	301 786,081	14,738	14,269	74	80	47 405	377,228	2 072,210	5,493	5,024
25	31	98 110	19 165,388	281 309,616	14,678	14,209	75	81	43 712	325,846	1 694,982	5,202	4,733
26	32	98 020	17 937,035	262 144,227	14,615	14,146	76	82	39 898	278,610	1 369,136	4,914	4,445
27	33	97 926	16 786,765	244 207,192	14,548	14,078	77	83	35 968	235,280	1 090,526	4,635	4,166
28	34	97 829	15 709,668	227 420,427	14,476	14,007	78	84	31 960	195,844	855,246	4,367	3,898
29	35	97 729	14 701,229	211 710,758	14,401	13,932	79	85	27 949	160,435	659,402	4,110	3,641
30	36	97 624	13 756,918	197 009,529	14,321	13,852	80	86	24 016	129,143	498,966	3,864	3,395
31	37	97 514	12 872,476	183 252,611	14,236	13,767	81	87	20 222	101,864	369,823	3,631	3,161
32	38	97 390	12 043,241	170 380,135	14,147	13,678	82	88	16 563	78,157	267,959	3,428	2,959
33	39	97 260	11 266,656	158 336,894	14,054	13,584	83	89	13 292	58,757	189,803	3,230	2,761
34	40	97 121	10 539,162	147 070,238	13,955	13,486	84	90	10 402	43,073	131,046	3,042	2,573
35	41	96 974	9 857,743	136 531,075	13,850	13,381	85	91	7 972	30,923	87,973	2,845	2,376
36	42	96 809	9 218,760	126 673,332	13,741	13,272	86	92	5 848	21,251	57,049	2,685	2,215
37	43	96 629	8 619,802	117 454,572	13,626	13,157	87	93	4 147	14,116	35,799	2,536	2,067
38	44	96 432	8 058,266	108 834,770	13,506	13,037	88	94	2 822	9,000	21,682	2,409	1,940
39	45	96 219	7 532,072	100 776,504	13,380	12,911	89	95	1 856	5,546	12,682	2,287	1,818
40	46	95 976	7 037,991	93 244,431	13,249	12,780	90	96	1 172	3,280	7,137	2,176	1,707
41	47	95 697	6 573,766	86 206,441	13,114	12,645	91	97	716	1,877	3,857	2,054	1,585
42	48	95 389	6 138,276	79 632,675	12,973	12,504	92	98	413	1,015	1,979	1,951	1,481
43	49	95 059	5 730,231	73 494,399	12,826	12,357	93	99	225	0,518	0,965	1,863	1,394
44	50	94 677	5 346,367	67 764,168	12,675	12,206	94	100	116	0,251	0,447	1,782	1,313
45	51	94 255	4 985,971	62 417,801	12,519	12,050							
46	52	93 794	4 647,834	57 431,830	12,357	11,888							
47	53	93 276	4 329,920	52 783,995	12,191	11,721							
48	54	92 705	4 031,295	48 454,076	12,019	11,550							
49	55	92 083	3 751,063	44 422,781	11,843	11,374							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 540 046,785	15,463	14,994	50	57	91 048	3 474,368	40 172,818	11,563	11,093
1	8	99 180	92 908,278	1 440 454,376	15,504	15,035	51	58	90 285	3 227,402	36 698,450	11,371	10,902
2	9	99 138	86 997,134	1 347 546,098	15,490	15,020	52	59	89 442	2 995,093	33 471,048	11,175	10,706
3	10	99 113	81 475,285	1 260 548,965	15,472	15,002	53	60	88 546	2 777,615	30 475,955	10,972	10,503
4	11	99 090	76 305,780	1 179 073,680	15,452	14,983	54	61	87 557	2 572,907	27 698,340	10,765	10,296
5	12	99 068	71 464,848	1 102 767,900	15,431	14,962	55	62	86 501	2 381,157	25 125,434	10,552	10,083
6	13	99 049	66 933,116	1 031 303,052	15,408	14,939	56	63	85 365	2 201,304	22 744,277	10,332	9,863
7	14	99 028	62 688,034	964 369,936	15,384	14,915	57	64	84 164	2 033,102	20 542,973	10,104	9,635
8	15	99 007	58 711,205	901 681,902	15,358	14,889	58	65	82 893	1 875,781	18 509,871	9,868	9,399
9	16	98 984	54 986,045	842 970,696	15,331	14,862	59	66	81 524	1 728,149	16 634,091	9,625	9,156
10	17	98 959	51 496,473	787 984,652	15,302	14,833	60	67	80 078	1 590,159	14 905,942	9,374	8,905
11	18	98 933	48 227,476	736 488,178	15,271	14,802	61	68	78 514	1 460,523	13 315,782	9,117	8,648
12	19	98 902	45 163,703	688 260,703	15,239	14,770	62	69	76 871	1 339,539	11 855,260	8,850	8,381
13	20	98 870	42 294,397	643 097,000	15,205	14,736	63	70	75 094	1 225,817	10 515,720	8,579	8,109
14	21	98 841	39 608,216	600 802,603	15,169	14,700	64	71	73 222	1 119,685	9 289,903	8,297	7,828
15	22	98 803	37 089,578	561 194,387	15,131	14,662	65	72	71 206	1 020,016	8 170,218	8,010	7,541
16	23	98 761	34 729,413	524 104,809	15,091	14,622	66	73	69 012	926,069	7 150,202	7,721	7,252
17	24	98 709	32 516,363	489 375,396	15,050	14,581	67	74	66 685	838,262	6 224,133	7,425	6,956
18	25	98 653	30 442,970	456 859,033	15,007	14,538	68	75	64 217	756,200	5 385,870	7,122	6,653
19	26	98 576	28 495,805	426 416,063	14,964	14,495	69	76	61 553	678,989	4 629,670	6,818	6,349
20	27	98 496	26 672,278	397 920,258	14,919	14,450	70	77	58 696	606,532	3 950,681	6,514	6,044
21	28	98 412	24 964,369	371 247,980	14,871	14,402	71	78	55 652	538,714	3 344,149	6,208	5,739
22	29	98 331	23 366,567	346 283,611	14,820	14,350	72	79	52 411	475,263	2 805,435	5,903	5,434
23	30	98 248	21 870,672	322 917,044	14,765	14,296	73	80	48 975	416,028	2 330,172	5,601	5,132
24	31	98 167	20 470,846	301 046,372	14,706	14,237	74	81	45 349	360,866	1 914,144	5,304	4,835
25	32	98 078	19 159,140	280 575,527	14,644	14,175	75	82	41 549	309,718	1 553,278	5,015	4,546
26	33	97 986	17 930,823	261 416,387	14,579	14,110	76	83	37 630	262,766	1 243,560	4,733	4,263
27	34	97 891	16 780,692	243 485,564	14,510	14,041	77	84	33 631	219,997	980,794	4,458	3,989
28	35	97 789	15 703,293	226 704,872	14,437	13,968	78	85	29 595	181,354	760,797	4,195	3,726
29	36	97 687	14 694,964	211 001,579	14,359	13,890	79	86	25 565	146,751	579,442	3,948	3,479
30	37	97 579	13 750,503	196 306,615	14,276	13,807	80	87	21 695	116,662	432,692	3,709	3,240
31	38	97 463	12 865,696	182 556,112	14,189	13,720	81	88	17 903	90,184	316,030	3,504	3,035
32	39	97 333	12 036,141	169 690,415	14,098	13,629	82	89	14 485	68,351	225,846	3,304	2,835
33	40	97 192	11 258,733	157 654,275	14,003	13,534	83	90	11 434	50,545	157,495	3,116	2,647
34	41	97 052	10 531,650	146 395,542	13,901	13,431	84	91	8 860	36,690	106,950	2,915	2,446
35	42	96 893	9 849,552	135 863,892	13,794	13,325	85	92	6 592	25,569	70,260	2,748	2,279
36	43	96 718	9 210,040	126 014,340	13,682	13,213	86	93	4 743	17,235	44,691	2,593	2,124
37	44	96 527	8 610,703	116 804,300	13,565	13,096	87	94	3 289	11,196	27,457	2,452	1,983
38	45	96 323	8 049,153	108 193,597	13,442	12,972	88	95	2 186	6,971	16,261	2,332	1,863
39	46	96 089	7 521,885	100 144,443	13,314	12,845	89	96	1 403	4,190	9,289	2,217	1,748
40	47	95 827	7 027,075	92 622,559	13,181	12,712	90	97	863	2,414	5,099	2,112	1,643
41	48	95 531	6 562,357	85 595,483	13,043	12,574	91	98	513	1,344	2,685	1,997	1,528
42	49	95 212	6 126,902	79 033,126	12,899	12,430	92	99	287	0,706	1,341	1,899	1,430
43	50	94 860	5 718,243	72 906,223	12,750	12,281	93	100	152	0,349	0,635	1,817	1,348
44	51	94 456	5 333,875	67 187,980	12,596	12,127							
45	52	94 020	4 973,552	61 854,105	12,437	11,967							
46	53	93 534	4 634,956	56 880,553	12,272	11,803							
47	54	92 993	4 316,760	52 245,597	12,103	11,634							
48	55	92 410	4 018,451	47 928,837	11,927	11,458							
49	56	91 752	3 737,568	43 910,386	11,748	11,279							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 539 067,072	15,455	14,986	50	58	90 672	3 460,032	39 638,422	11,456	10,987
1	9	99 173	92 902,507	1 439 482,984	15,495	15,025	51	59	89 873	3 212,686	36 178,390	11,261	10,792
2	10	99 132	86 991,611	1 346 580,476	15,479	15,010	52	60	89 014	2 980,781	32 965,704	11,059	10,590
3	11	99 105	81 468,721	1 259 588,866	15,461	14,992	53	61	88 062	2 762,427	29 984,923	10,855	10,385
4	12	99 082	76 299,720	1 178 120,145	15,441	14,972	54	62	87 059	2 558,279	27 222,496	10,641	10,172
5	13	99 060	71 459,370	1 101 820,425	15,419	14,950	55	63	85 958	2 366,215	24 664,217	10,423	9,954
6	14	99 039	66 926,532	1 030 361,055	15,395	14,926	56	64	84 796	2 186,624	22 298,002	10,197	9,728
7	15	99 016	62 680,274	963 434,523	15,371	14,901	57	65	83 559	2 018,472	20 111,377	9,964	9,495
8	16	98 993	58 703,246	900 754,249	15,344	14,875	58	66	82 251	1 861,257	18 092,906	9,721	9,252
9	17	98 968	54 977,205	842 051,003	15,316	14,847	59	67	80 854	1 713,944	16 231,648	9,470	9,001
10	18	98 942	51 487,434	787 073,798	15,287	14,818	60	68	79 356	1 575,817	14 517,704	9,213	8,744
11	19	98 911	48 216,941	735 586,364	15,256	14,787	61	69	77 745	1 446,217	12 941,887	8,949	8,480
12	20	98 881	45 153,990	687 369,423	15,223	14,754	62	70	76 028	1 324,848	11 495,671	8,677	8,208
13	21	98 849	42 285,473	642 215,433	15,188	14,718	63	71	74 196	1 211,171	10 170,823	8,398	7,928
14	22	98 819	39 599,655	599 929,960	15,150	14,681	64	72	72 245	1 104,745	8 959,652	8,110	7,641
15	23	98 780	37 081,055	560 330,305	15,111	14,642	65	73	70 105	1 004,231	7 854,907	7,822	7,353
16	24	98 738	34 721,514	523 249,250	15,070	14,601	66	74	67 816	910,015	6 850,676	7,528	7,059
17	25	98 686	32 508,971	488 527,737	15,027	14,558	67	75	65 396	822,064	5 940,660	7,227	6,757
18	26	98 631	30 436,186	456 018,766	14,983	14,514	68	76	62 787	739,351	5 118,597	6,923	6,454
19	27	98 550	28 488,192	425 582,580	14,939	14,470	69	77	59 992	661,779	4 379,245	6,617	6,148
20	28	98 470	26 665,393	397 094,388	14,892	14,423	70	78	56 996	588,970	3 717,467	6,312	5,843
21	29	98 386	24 957,885	370 428,995	14,842	14,373	71	79	53 801	520,797	3 128,496	6,007	5,538
22	30	98 303	23 360,086	345 471,110	14,789	14,320	72	80	50 443	457,416	2 607,699	5,701	5,232
23	31	98 221	21 864,670	322 111,024	14,732	14,263	73	81	46 851	397,983	2 150,283	5,403	4,934
24	32	98 135	20 464,172	300 246,355	14,672	14,203	74	82	43 105	343,005	1 752,299	5,109	4,640
25	33	98 044	19 152,504	279 782,183	14,608	14,139	75	83	39 186	292,105	1 409,294	4,825	4,355
26	34	97 951	17 924,336	260 629,679	14,541	14,071	76	84	35 185	245,697	1 117,189	4,547	4,078
27	35	97 851	16 773,882	242 705,343	14,469	14,000	77	85	31 143	203,720	871,492	4,278	3,809
28	36	97 748	15 696,601	225 931,461	14,394	13,925	78	86	27 071	165,886	667,772	4,025	3,556
29	37	97 642	14 688,111	210 234,860	14,313	13,844	79	87	23 094	132,568	501,886	3,786	3,317
30	38	97 527	13 743,261	195 546,748	14,229	13,759	80	88	19 207	103,285	369,319	3,576	3,107
31	39	97 405	12 858,111	181 803,488	14,139	13,670	81	89	15 657	78,869	266,034	3,373	2,904
32	40	97 264	12 027,676	168 945,377	14,046	13,577	82	90	12 460	58,798	187,164	3,183	2,714
33	41	97 123	11 250,707	156 917,700	13,947	13,478	83	91	9 740	43,054	128,367	2,982	2,512
34	42	96 971	10 522,899	145 666,993	13,843	13,374	84	92	7 326	30,337	85,313	2,812	2,343
35	43	96 801	9 840,235	135 144,094	13,734	13,265	85	93	5 346	20,737	54,975	2,651	2,182
36	44	96 615	9 200,318	125 303,860	13,620	13,150	86	94	3 762	13,669	34,238	2,505	2,036
37	45	96 418	8 600,966	116 103,541	13,499	13,030	87	95	2 548	8,673	20,569	2,372	1,903
38	46	96 193	8 038,266	107 502,575	13,374	12,905	88	96	1 652	5,267	11,897	2,259	1,789
39	47	95 940	7 510,219	99 464,309	13,244	12,775	89	97	1 032	3,084	6,630	2,150	1,681
40	48	95 661	7 014,881	91 954,090	13,108	12,639	90	98	618	1,729	3,546	2,051	1,582
41	49	95 354	6 550,198	84 939,209	12,967	12,498	91	99	357	0,935	1,817	1,943	1,474
42	50	95 013	6 114,084	78 389,012	12,821	12,352	92	100	194	0,477	0,882	1,850	1,381
43	51	94 638	5 704,883	72 274,927	12,669	12,200							
44	52	94 221	5 320,590	66 570,045	12,512	12,043							
45	53	93 760	4 959,771	61 249,455	12,349	11,880							
46	54	93 249	4 620,870	56 289,684	12,182	11,712							
47	55	92 696	4 303,006	51 668,814	12,008	11,538							
48	56	92 077	4 003,994	47 365,808	11,830	11,361							
49	57	91 404	3 723,392	43 361,814	11,646	11,177							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 538 013,306	15,445	14,976	50	59	90 259	3 444,256	39 067,000	11,343	10,874
1	10	99 167	92 896,609	1 438 435,403	15,484	15,015	51	60	89 444	3 197,334	35 622,745	11,141	10,672
2	11	99 124	86 984,603	1 345 538,793	15,469	15,000	52	61	88 528	2 964,483	32 425,410	10,938	10,469
3	12	99 097	81 462,251	1 258 554,191	15,450	14,980	53	62	87 561	2 746,721	29 460,928	10,726	10,257
4	13	99 074	76 293,871	1 177 091,940	15,428	14,959	54	63	86 513	2 542,226	26 714,206	10,508	10,039
5	14	99 050	71 452,340	1 100 798,069	15,406	14,937	55	64	85 385	2 350,436	24 171,981	10,284	9,815
6	15	99 027	66 918,247	1 029 345,728	15,382	14,913	56	65	84 186	2 170,890	21 821,544	10,052	9,583
7	16	99 003	62 671,777	962 427,482	15,357	14,888	57	66	82 912	2 002,844	19 650,655	9,811	9,342
8	17	98 977	58 693,809	899 755,705	15,330	14,861	58	67	81 575	1 845,958	17 647,811	9,560	9,091
9	18	98 950	54 967,554	841 061,896	15,301	14,832	59	68	80 125	1 698,485	15 801,852	9,303	8,834
10	19	98 920	51 476,187	786 094,341	15,271	14,802	60	69	78 579	1 560,381	14 103,367	9,038	8,569
11	20	98 890	48 206,572	734 618,154	15,239	14,770	61	70	76 893	1 430,355	12 542,986	8,769	8,300
12	21	98 860	45 144,463	686 411,583	15,205	14,736	62	71	75 120	1 309,018	11 112,631	8,489	8,020
13	22	98 828	42 276,333	641 267,120	15,168	14,699	63	72	73 206	1 195,010	9 803,613	8,204	7,735
14	23	98 797	39 590,555	598 990,787	15,130	14,661	64	73	71 127	1 087,649	8 608,603	7,915	7,446
15	24	98 758	37 072,621	559 400,231	15,089	14,620	65	74	68 889	986,822	7 520,953	7,621	7,152
16	25	98 716	34 713,620	522 327,611	15,047	14,578	66	75	66 505	892,430	6 534,131	7,322	6,853
17	26	98 664	32 501,726	487 613,991	15,003	14,534	67	76	63 939	803,747	5 641,701	7,019	6,550
18	27	98 604	30 428,055	455 112,265	14,957	14,488	68	77	61 195	720,610	4 837,954	6,714	6,245
19	28	98 524	28 480,838	424 684,210	14,911	14,442	69	78	58 255	642,617	4 117,343	6,407	5,938
20	29	98 445	26 658,467	396 203,372	14,862	14,393	70	79	55 101	569,382	3 474,726	6,103	5,633
21	30	98 359	24 950,962	369 544,905	14,811	14,342	71	80	51 781	501,241	2 905,344	5,796	5,327
22	31	98 276	23 353,675	344 593,942	14,755	14,286	72	81	48 255	437,577	2 404,103	5,494	5,025
23	32	98 189	21 857,541	321 240,267	14,697	14,228	73	82	44 532	378,285	1 966,526	5,199	4,729
24	33	98 101	20 457,084	299 382,726	14,635	14,166	74	83	40 653	323,499	1 588,241	4,910	4,440
25	34	98 009	19 145,575	278 925,642	14,569	14,100	75	84	36 640	273,130	1 264,742	4,631	4,161
26	35	97 911	17 917,061	259 780,067	14,499	14,030	76	85	32 582	227,519	991,612	4,358	3,889
27	36	97 810	16 766,734	241 863,005	14,425	13,956	77	86	28 487	186,344	764,093	4,100	3,631
28	37	97 702	15 689,282	225 096,272	14,347	13,878	78	87	24 455	149,853	577,749	3,855	3,386
29	38	97 590	14 680,375	209 406,990	14,264	13,795	79	88	20 446	117,367	427,896	3,646	3,177
30	39	97 470	13 735,158	194 726,615	14,177	13,708	80	89	16 798	90,327	310,529	3,438	2,969
31	40	97 337	12 849,069	180 991,457	14,086	13,617	81	90	13 469	67,846	220,202	3,246	2,776
32	41	97 195	12 019,103	168 142,388	13,990	13,520	82	91	10 614	50,084	152,356	3,042	2,573
33	42	97 042	11 241,358	156 123,285	13,888	13,419	83	92	8 053	35,599	102,272	2,873	2,404
34	43	96 880	10 512,945	144 881,927	13,781	13,312	84	93	5 942	24,604	66,673	2,710	2,241
35	44	96 699	9 829,848	134 368,983	13,669	13,200	85	94	4 240	16,447	42,069	2,558	2,089
36	45	96 506	9 189,914	124 539,135	13,552	13,083	86	95	2 914	10,588	25,622	2,420	1,951
37	46	96 288	8 589,333	115 349,220	13,429	12,960	87	96	1 925	6,553	15,034	2,294	1,825
38	47	96 043	8 025,800	106 759,888	13,302	12,833	88	97	1 216	3,877	8,481	2,188	1,719
39	48	95 774	7 497,186	98 734,088	13,169	12,700	89	98	739	2,208	4,604	2,085	1,616
40	49	95 484	7 001,882	91 236,902	13,030	12,561	90	99	430	1,203	2,396	1,992	1,523
41	50	95 154	6 536,494	84 235,020	12,887	12,418	91	100	241	0,631	1,194	1,890	1,421
42	51	94 791	6 099,799	77 698,526	12,738	12,269							
43	52	94 402	5 690,673	71 598,727	12,582	12,113							
44	53	93 960	5 305,847	65 908,054	12,422	11,953							
45	54	93 475	4 944,698	60 602,207	12,256	11,787							
46	55	92 952	4 606,147	55 657,509	12,083	11,614							
47	56	92 363	4 287,526	51 051,362	11,907	11,438							
48	57	91 728	3 988,807	46 763,836	11,724	11,255							
49	58	91 027	3 708,028	42 775,029	11,536	11,067							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 536 877,904	15,435	14,966	50	60	89 828	3 427,798	38 457,336	11,219	10,750
1	11	99 159	92 889,126	1 437 306,322	15,473	15,004	51	61	88 955	3 179,852	35 029,539	11,016	10,547
2	12	99 116	86 977,694	1 344 417,197	15,457	14,988	52	62	88 024	2 947,628	31 849,687	10,805	10,336
3	13	99 089	81 456,006	1 257 439,502	15,437	14,968	53	63	87 012	2 729,486	28 902,059	10,589	10,120
4	14	99 065	76 286,366	1 175 983,496	15,415	14,946	54	64	85 936	2 525,273	26 172,572	10,364	9,895
5	15	99 038	71 443,495	1 099 697,130	15,393	14,923	55	65	84 771	2 333,523	23 647,300	10,134	9,665
6	16	99 013	66 909,175	1 028 253,635	15,368	14,899	56	66	83 534	2 154,082	21 313,777	9,895	9,425
7	17	98 987	62 661,701	961 344,460	15,342	14,873	57	67	82 230	1 986,381	19 159,695	9,646	9,176
8	18	98 960	58 683,506	898 682,759	15,314	14,845	58	68	80 840	1 829,308	17 173,314	9,388	8,919
9	19	98 929	54 955,547	839 999,252	15,285	14,816	59	69	79 340	1 681,848	15 344,006	9,123	8,654
10	20	98 899	51 465,117	785 043,705	15,254	14,785	60	70	77 717	1 543,268	13 662,157	8,853	8,384
11	21	98 869	48 196,401	733 578,588	15,221	14,751	61	71	75 974	1 413,265	12 118,890	8,575	8,106
12	22	98 838	45 134,705	685 382,188	15,185	14,716	62	72	74 117	1 291,552	10 705,625	8,289	7,820
13	23	98 805	42 266,618	640 247,482	15,148	14,679	63	73	72 073	1 176,517	9 414,073	8,002	7,533
14	24	98 774	39 581,550	597 980,864	15,108	14,638	64	74	69 894	1 068,794	8 237,556	7,707	7,238
15	25	98 735	37 064,192	558 399,314	15,066	14,597	65	75	67 558	967,753	7 168,761	7,408	6,939
16	26	98 694	34 705,884	521 335,122	15,022	14,552	66	76	65 023	872,546	6 201,008	7,107	6,638
17	27	98 638	32 493,043	486 629,238	14,976	14,507	67	77	62 319	783,374	5 328,463	6,802	6,333
18	28	98 579	30 420,200	454 136,195	14,929	14,460	68	78	59 423	699,746	4 545,089	6,495	6,026
19	29	98 499	28 473,441	423 715,995	14,881	14,412	69	79	56 318	621,245	3 845,343	6,190	5,721
20	30	98 418	26 651,073	395 242,554	14,830	14,361	70	80	53 031	548,002	3 224,098	5,883	5,414
21	31	98 332	24 944,115	368 591,480	14,777	14,308	71	81	49 535	479,501	2 676,096	5,581	5,112
22	32	98 244	23 346,061	343 647,366	14,720	14,251	72	82	45 867	415,919	2 196,596	5,281	4,812
23	33	98 155	21 849,971	320 301,305	14,659	14,190	73	83	42 000	356,773	1 780,677	4,991	4,522
24	34	98 065	20 449,683	298 451,334	14,594	14,125	74	84	38 013	302,485	1 423,904	4,707	4,238
25	35	97 969	19 137,805	278 001,651	14,526	14,057	75	85	33 930	252,923	1 121,420	4,434	3,965
26	36	97 869	17 909,426	258 863,845	14,454	13,985	76	86	29 803	208,113	868,497	4,173	3,704
27	37	97 764	16 758,915	240 954,419	14,378	13,909	77	87	25 733	168,334	660,384	3,923	3,454
28	38	97 651	15 681,018	224 195,504	14,297	13,828	78	88	21 651	132,671	492,051	3,709	3,240
29	39	97 533	14 671,720	208 514,486	14,212	13,743	79	89	17 881	102,642	359,380	3,501	3,032
30	40	97 401	13 725,499	193 842,766	14,123	13,654	80	90	14 450	77,702	256,738	3,304	2,835
31	41	97 267	12 839,910	180 117,268	14,028	13,559	81	91	11 473	57,791	179,036	3,098	2,629
32	42	97 114	12 009,115	167 277,358	13,929	13,460	82	92	8 776	41,412	121,245	2,928	2,459
33	43	96 950	11 230,725	155 268,242	13,825	13,356	83	93	6 531	28,872	79,832	2,765	2,296
34	44	96 777	10 501,848	144 037,518	13,715	13,246	84	94	4 712	19,514	50,961	2,612	2,142
35	45	96 590	9 818,732	133 535,670	13,600	13,131	85	95	3 284	12,740	31,447	2,468	1,999
36	46	96 376	9 177,484	123 716,938	13,480	13,011	86	96	2 202	8,000	18,707	2,338	1,869
37	47	96 138	8 576,011	114 539,454	13,356	12,887	87	97	1 417	4,823	10,707	2,220	1,751
38	48	95 877	8 011,872	105 963,442	13,226	12,757	88	98	871	2,776	5,884	2,120	1,651
39	49	95 596	7 483,294	97 951,571	13,089	12,620	89	99	514	1,536	3,108	2,023	1,554
40	50	95 284	6 987,234	90 468,277	12,948	12,479	90	100	290	0,812	1,572	1,936	1,467
41	51	94 932	6 521,222	83 481,043	12,801	12,332							
42	52	94 555	6 084,606	76 959,821	12,648	12,179							
43	53	94 141	5 674,905	70 875,216	12,489	12,020							
44	54	93 674	5 289,722	65 200,310	12,326	11,857							
45	55	93 177	4 928,943	59 910,589	12,155	11,686							
46	56	92 618	4 589,576	54 981,646	11,980	11,511							
47	57	92 013	4 271,264	50 392,070	11,798	11,329							
48	58	91 349	3 972,348	46 120,806	11,610	11,141							
49	59	90 612	3 691,121	42 148,457	11,419	10,950							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 535 655,248	15,424	14,955	50	61	89 336	3 409,055	37 807,378	11,090	10,621
1	12	99 151	92 881,748	1 436 091,688	15,462	14,992	51	62	88 449	3 161,773	34 398,323	10,879	10,410
2	13	99 108	86 971,027	1 343 209,940	15,444	14,975	52	63	87 472	2 929,132	31 236,550	10,664	10,195
3	14	99 080	81 447,993	1 256 238,913	15,424	14,955	53	64	86 432	2 711,284	28 307,417	10,441	9,971
4	15	99 052	76 276,922	1 174 790,920	15,402	14,933	54	65	85 317	2 507,101	25 596,133	10,209	9,740
5	16	99 025	71 433,810	1 098 513,998	15,378	14,909	55	66	84 114	2 315,456	23 089,032	9,972	9,503
6	17	98 997	66 898,419	1 027 080,188	15,353	14,884	56	67	82 847	2 136,376	20 773,576	9,724	9,255
7	18	98 969	62 650,702	960 181,769	15,326	14,857	57	68	81 489	1 968,465	18 637,200	9,468	8,999
8	19	98 938	58 670,687	897 531,067	15,298	14,829	58	69	80 048	1 811,390	16 668,736	9,202	8,733
9	20	98 907	54 943,729	838 860,379	15,268	14,798	59	70	78 470	1 663,402	14 857,346	8,932	8,463
10	21	98 878	51 454,258	783 916,650	15,235	14,766	60	71	76 788	1 524,828	13 193,944	8,653	8,184
11	22	98 848	48 185,983	732 462,392	15,201	14,732	61	72	74 960	1 394,408	11 669,115	8,369	7,899
12	23	98 816	45 124,334	684 276,409	15,164	14,695	62	73	72 971	1 271,565	10 274,707	8,080	7,611
13	24	98 783	42 257,004	639 152,075	15,125	14,656	63	74	70 824	1 156,122	9 003,143	7,787	7,318
14	25	98 752	39 572,551	596 895,071	15,084	14,614	64	75	68 543	1 048,141	7 847,021	7,487	7,017
15	26	98 713	37 055,933	557 322,520	15,040	14,571	65	76	66 053	946,190	6 798,880	7,186	6,716
16	27	98 667	34 696,612	520 266,587	14,995	14,526	66	77	63 375	850,429	5 852,690	6,882	6,413
17	28	98 613	32 484,656	485 569,975	14,948	14,479	67	78	60 514	760,692	5 002,261	6,576	6,107
18	29	98 553	30 412,299	453 085,320	14,898	14,429	68	79	57 447	676,473	4 241,569	6,270	5,801
19	30	98 471	28 465,543	422 673,021	14,849	14,379	69	80	54 203	597,917	3 565,095	5,963	5,493
20	31	98 391	26 643,759	394 207,477	14,795	14,326	70	81	50 731	524,233	2 967,178	5,660	5,191
21	32	98 300	24 935,982	367 563,718	14,740	14,271	71	82	47 083	455,767	2 442,945	5,360	4,891
22	33	98 210	23 337,975	342 627,736	14,681	14,212	72	83	43 258	392,266	1 987,178	5,066	4,597
23	34	98 119	21 842,066	319 289,760	14,618	14,149	73	84	39 272	333,597	1 594,912	4,781	4,312
24	35	98 026	20 441,384	297 447,694	14,551	14,082	74	85	35 200	280,105	1 261,315	4,503	4,034
25	36	97 927	19 129,650	277 006,311	14,480	14,011	75	86	31 036	231,349	981,210	4,241	3,772
26	37	97 824	17 901,075	257 876,661	14,406	13,937	76	87	26 922	187,999	749,860	3,989	3,520
27	38	97 712	16 750,088	239 975,586	14,327	13,858	77	88	22 783	149,033	561,861	3,770	3,301
28	39	97 593	15 671,773	223 225,498	14,244	13,775	78	89	18 934	116,026	412,829	3,558	3,089
29	40	97 464	14 661,402	207 553,725	14,156	13,687	79	90	15 382	88,296	296,803	3,361	2,892
30	41	97 332	13 715,715	192 892,323	14,064	13,594	80	91	12 308	66,187	208,507	3,150	2,681
31	42	97 186	12 829,240	179 176,608	13,966	13,497	81	92	9 486	47,785	142,321	2,978	2,509
32	43	97 022	11 997,755	166 347,368	13,865	13,396	82	93	7 117	33,586	94,536	2,815	2,346
33	44	96 848	11 218,870	154 349,612	13,758	13,289	83	94	5 180	22,899	60,949	2,662	2,193
34	45	96 668	10 489,972	143 130,742	13,645	13,175	84	95	3 650	15,116	38,051	2,517	2,048
35	46	96 459	9 805,451	132 640,770	13,527	13,058	85	96	2 481	9,626	22,935	2,383	1,914
36	47	96 226	9 163,251	122 835,319	13,405	12,936	86	97	1 620	5,888	13,310	2,260	1,791
37	48	95 972	8 561,128	113 672,068	13,278	12,809	87	98	1 014	3,453	7,422	2,149	1,680
38	49	95 699	7 997,026	105 110,939	13,144	12,675	88	99	606	1,931	3,968	2,055	1,586
39	50	95 396	7 467,638	97 113,913	13,005	12,536	89	100	347	1,037	2,037	1,964	1,495
40	51	95 062	6 970,908	89 646,275	12,860	12,391							
41	52	94 695	6 504,979	82 675,367	12,710	12,240							
42	53	94 293	6 067,746	76 170,388	12,553	12,084							
43	54	93 855	5 657,658	70 102,642	12,391	11,922							
44	55	93 376	5 272,868	64 444,984	12,222	11,753							
45	56	92 842	4 911,211	59 172,116	12,048	11,579							
46	57	92 267	4 572,168	54 260,905	11,868	11,399							
47	58	91 633	4 253,640	49 688,737	11,681	11,212							
48	59	90 933	3 954,236	45 435,097	11,490	11,021							
49	60	90 179	3 673,484	41 480,861	11,292	10,823							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 534 341,071	15,412	14,943	50	62	88 828	3 389,673	37 116,708	10,950	10,481
1	13	99 144	92 874,629	1 434 785,419	15,449	14,979	51	63	87 894	3 141,933	33 727,035	10,734	10,265
2	14	99 099	86 962,472	1 341 910,790	15,431	14,962	52	64	86 889	2 909,599	30 585,102	10,512	10,043
3	15	99 067	81 437,911	1 254 948,319	15,410	14,941	53	65	85 810	2 691,774	27 675,503	10,282	9,812
4	16	99 039	76 266,582	1 173 510,408	15,387	14,918	54	66	84 657	2 487,690	24 983,728	10,043	9,574
5	17	99 009	71 422,326	1 097 243,826	15,363	14,894	55	67	83 423	2 296,423	22 496,038	9,796	9,327
6	18	98 980	66 886,676	1 025 821,500	15,337	14,868	56	68	82 100	2 117,107	20 199,615	9,541	9,072
7	19	98 948	62 637,017	958 934,824	15,309	14,840	57	69	80 690	1 949,183	18 082,509	9,277	8,808
8	20	98 917	58 658,070	896 297,808	15,280	14,811	58	70	79 170	1 791,523	16 133,325	9,005	8,536
9	21	98 887	54 932,136	837 639,738	15,249	14,780	59	71	77 532	1 643,528	14 341,802	8,726	8,257
10	22	98 857	51 443,137	782 707,601	15,215	14,746	60	72	75 764	1 504,482	12 698,274	8,440	7,971
11	23	98 825	48 174,910	731 264,465	15,179	14,710	61	73	73 800	1 372,829	11 193,792	8,154	7,685
12	24	98 793	45 114,070	683 089,554	15,141	14,672	62	74	71 706	1 249,522	9 820,963	7,860	7,391
13	25	98 760	42 247,397	637 975,485	15,101	14,632	63	75	69 455	1 133,781	8 571,441	7,560	7,091
14	26	98 730	39 563,733	595 728,088	15,057	14,588	64	76	67 016	1 024,787	7 437,660	7,258	6,789
15	27	98 687	37 046,033	556 164,355	15,013	14,544	65	77	64 378	922,206	6 412,873	6,954	6,485
16	28	98 642	34 687,656	519 118,322	14,966	14,496	66	78	61 540	825,805	5 490,667	6,649	6,180
17	29	98 587	32 476,218	484 430,667	14,916	14,447	67	79	58 502	735,393	4 664,861	6,343	5,874
18	30	98 526	30 403,864	451 954,448	14,865	14,396	68	80	55 290	651,071	3 929,468	6,035	5,566
19	31	98 444	28 457,731	421 550,584	14,813	14,344	69	81	51 852	571,983	3 278,397	5,732	5,263
20	32	98 358	26 635,073	393 092,853	14,758	14,289	70	82	48 220	498,286	2 706,414	5,431	4,962
21	33	98 266	24 927,346	366 457,780	14,701	14,232	71	83	44 405	429,849	2 208,128	5,137	4,668
22	34	98 175	23 329,532	341 530,435	14,639	14,170	72	84	40 448	366,785	1 778,279	4,848	4,379
23	35	98 080	21 833,202	318 200,903	14,574	14,105	73	85	36 366	308,916	1 411,494	4,569	4,100
24	36	97 984	20 432,673	296 367,701	14,505	14,035	74	86	32 198	256,214	1 102,579	4,303	3,834
25	37	97 882	19 120,729	275 935,028	14,431	13,962	75	87	28 036	208,990	846,365	4,050	3,581
26	38	97 772	17 891,646	256 814,299	14,354	13,885	76	88	23 835	166,443	637,375	3,829	3,360
27	39	97 655	16 740,213	238 922,653	14,272	13,803	77	89	19 924	130,335	470,933	3,613	3,144
28	40	97 524	15 660,752	222 182,440	14,187	13,718	78	90	16 288	99,809	340,598	3,413	2,943
29	41	97 395	14 650,952	206 521,688	14,096	13,627	79	91	13 102	75,211	240,789	3,202	2,732
30	42	97 251	13 704,318	191 870,737	14,001	13,532	80	92	10 177	54,727	165,579	3,026	2,556
31	43	97 094	12 817,104	178 166,419	13,901	13,432	81	93	7 693	38,755	110,852	2,860	2,391
32	44	96 920	11 985,091	165 349,315	13,796	13,327	82	94	5 645	26,638	72,097	2,707	2,237
33	45	96 738	11 206,183	153 364,223	13,686	13,217	83	95	4 013	17,738	45,459	2,563	2,094
34	46	96 537	10 475,784	142 158,040	13,570	13,101	84	96	2 758	11,421	27,722	2,427	1,958
35	47	96 310	9 790,244	131 682,256	13,450	12,981	85	97	1 826	7,085	16,301	2,301	1,832
36	48	96 059	9 147,349	121 892,012	13,325	12,856	86	98	1 160	4,216	9,217	2,186	1,717
37	49	95 794	8 545,265	112 744,663	13,194	12,725	87	99	706	2,403	5,001	2,081	1,612
38	50	95 499	7 980,296	104 199,398	13,057	12,588	88	100	409	1,304	2,598	1,993	1,524
39	51	95 173	7 450,190	96 219,103	12,915	12,446							
40	52	94 825	6 953,545	88 768,912	12,766	12,297							
41	53	94 433	6 486,955	81 815,367	12,612	12,143							
42	54	94 006	6 049,305	75 328,412	12,452	11,983							
43	55	93 556	5 639,632	69 279,107	12,284	11,815							
44	56	93 040	5 253,898	63 639,475	12,113	11,644							
45	57	92 490	4 892,583	58 385,577	11,933	11,464							
46	58	91 886	4 553,302	53 492,994	11,748	11,279							
47	59	91 215	4 234,245	48 939,691	11,558	11,089							
48	60	90 498	3 935,341	44 705,447	11,360	10,891							
49	61	89 686	3 653,397	40 770,106	11,160	10,690							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 532 928,933	15,399	14,930	50	63	88 271	3 368,403	36 383,180	10,801	10,332
1	14	99 134	92 865,492	1 433 380,912	15,435	14,966	51	64	87 308	3 120,981	33 014,776	10,578	10,109
2	15	99 086	86 951,706	1 340 515,419	15,417	14,948	52	65	86 263	2 888,662	29 893,795	10,349	9,880
3	16	99 054	81 426,871	1 253 563,713	15,395	14,926	53	66	85 145	2 670,933	27 005,133	10,111	9,642
4	17	99 023	76 254,321	1 172 136,843	15,371	14,902	54	67	83 961	2 467,242	24 334,200	9,863	9,394
5	18	98 991	71 409,789	1 095 882,522	15,346	14,877	55	68	82 670	2 275,710	21 866,958	9,609	9,140
6	19	98 958	66 872,065	1 024 472,733	15,320	14,851	56	69	81 296	2 096,369	19 591,247	9,345	8,876
7	20	98 927	62 623,546	957 600,667	15,291	14,822	57	70	79 805	1 927,805	17 494,878	9,075	8,606
8	21	98 896	58 645,694	894 977,121	15,261	14,792	58	71	78 224	1 770,118	15 567,073	8,794	8,325
9	22	98 865	54 920,263	836 331,427	15,228	14,759	59	72	76 498	1 621,598	13 796,955	8,508	8,039
10	23	98 834	51 431,315	781 411,164	15,193	14,724	60	73	74 591	1 481,200	12 175,357	8,220	7,751
11	24	98 803	48 163,952	729 979,849	15,156	14,687	61	74	72 521	1 349,031	10 694,157	7,927	7,458
12	25	98 771	45 103,813	681 815,897	15,117	14,647	62	75	70 320	1 225,376	9 345,126	7,626	7,157
13	26	98 738	42 237,983	636 712,084	15,074	14,605	63	76	67 908	1 108,519	8 119,750	7,325	6,856
14	27	98 703	39 553,163	594 474,101	15,030	14,561	64	77	65 317	998,811	7 011,231	7,020	6,550
15	28	98 662	37 036,470	554 920,938	14,983	14,514	65	78	62 514	895,505	6 012,420	6,714	6,245
16	29	98 616	34 678,646	517 884,468	14,934	14,465	66	79	59 493	798,340	5 116,916	6,409	5,940
17	30	98 560	32 467,211	483 205,822	14,883	14,414	67	80	56 305	707,778	4 318,575	6,102	5,632
18	31	98 499	30 395,520	450 738,611	14,829	14,360	68	81	52 892	622,832	3 610,797	5,797	5,328
19	32	98 412	28 448,453	420 343,092	14,776	14,306	69	82	49 286	543,673	2 987,964	5,496	5,027
20	33	98 324	26 625,848	391 894,638	14,719	14,249	70	83	45 478	469,949	2 444,292	5,201	4,732
21	34	98 230	24 918,327	365 268,790	14,659	14,190	71	84	41 521	401,926	1 974,342	4,912	4,443
22	35	98 135	23 320,064	340 350,463	14,595	14,126	72	85	37 456	339,648	1 572,416	4,630	4,160
23	36	98 038	21 823,898	317 030,399	14,527	14,058	73	86	33 264	282,566	1 232,768	4,363	3,894
24	37	97 938	20 423,145	295 206,501	14,455	13,985	74	87	29 086	231,451	950,202	4,105	3,636
25	38	97 830	19 110,658	274 783,357	14,379	13,909	75	88	24 821	185,027	718,751	3,885	3,415
26	39	97 715	17 881,098	255 672,698	14,298	13,829	76	89	20 845	145,560	533,724	3,667	3,198
27	40	97 586	16 728,440	237 791,601	14,215	13,746	77	90	17 140	112,118	388,164	3,462	2,993
28	41	97 455	15 649,589	221 063,160	14,126	13,657	78	91	13 874	85,017	276,046	3,247	2,778
29	42	97 314	14 638,777	205 413,572	14,032	13,563	79	92	10 834	62,188	191,028	3,072	2,603
30	43	97 159	13 691,354	190 774,795	13,934	13,465	80	93	8 254	44,384	128,840	2,903	2,434
31	44	96 992	12 803,575	177 083,441	13,831	13,362	81	94	6 102	30,737	84,455	2,748	2,279
32	45	96 810	11 971,538	164 279,865	13,723	13,253	82	95	4 373	20,634	53,719	2,603	2,134
33	46	96 607	11 191,026	152 308,327	13,610	13,141	83	96	3 032	13,402	33,085	2,469	2,000
34	47	96 387	10 459,536	141 117,301	13,492	13,023	84	97	2 030	8,406	19,683	2,342	1,873
35	48	96 142	9 773,254	130 657,764	13,369	12,900	85	98	1 308	5,073	11,277	2,223	1,754
36	49	95 881	9 130,399	120 884,510	13,240	12,771	86	99	807	2,933	6,205	2,115	1,646
37	50	95 593	8 527,388	111 754,111	13,105	12,636	87	100	476	1,622	3,271	2,017	1,548
38	51	95 276	7 961,650	103 226,723	12,965	12,496							
39	52	94 936	7 431,633	95 265,073	12,819	12,350							
40	53	94 562	6 934,278	87 833,440	12,667	12,197							
41	54	94 146	6 467,240	80 899,162	12,509	12,040							
42	55	93 707	6 030,031	74 431,922	12,344	11,874							
43	56	93 219	5 619,343	68 401,891	12,173	11,703							
44	57	92 687	5 233,971	62 782,548	11,995	11,526							
45	58	92 108	4 872,395	57 548,577	11,811	11,342							
46	59	91 467	4 532,541	52 676,182	11,622	11,153							
47	60	90 779	4 214,012	48 143,641	11,425	10,956							
48	61	90 004	3 913,823	43 929,629	11,224	10,755							
49	62	89 176	3 632,626	40 015,806	11,016	10,547							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 531 411,821	15,385	14,916	50	64	87 682	3 345,941	35 605,883	10,642	10,172
1	15	99 122	92 853,996	1 431 873,592	15,421	14,952	51	65	86 680	3 098,523	32 259,942	10,411	9,942
2	16	99 073	86 939,919	1 339 019,596	15,402	14,933	52	66	85 596	2 866,297	29 161,419	10,174	9,705
3	17	99 038	81 413,780	1 252 079,677	15,379	14,910	53	67	84 445	2 648,979	26 295,122	9,927	9,457
4	18	99 006	76 240,935	1 170 665,897	15,355	14,886	54	68	83 204	2 444,988	23 646,143	9,671	9,202
5	19	98 970	71 394,190	1 094 424,961	15,329	14,860	55	69	81 861	2 253,419	21 201,154	9,408	8,939
6	20	98 937	66 857,684	1 023 030,771	15,302	14,832	56	70	80 404	2 073,377	18 947,735	9,139	8,669
7	21	98 906	62 610,333	956 173,087	15,272	14,803	57	71	78 852	1 904,771	16 874,358	8,859	8,390
8	22	98 875	58 633,018	893 562,754	15,240	14,771	58	72	77 180	1 746,499	14 969,587	8,571	8,102
9	23	98 843	54 907,643	834 929,736	15,206	14,737	59	73	75 314	1 596,503	13 223,088	8,283	7,813
10	24	98 812	51 419,617	780 022,093	15,170	14,701	60	74	73 298	1 455,523	11 626,584	7,988	7,519
11	25	98 780	48 153,002	728 602,476	15,131	14,662	61	75	71 119	1 322,962	10 171,061	7,688	7,219
12	26	98 749	45 093,762	680 449,474	15,090	14,621	62	76	68 753	1 198,073	8 848,099	7,385	6,916
13	27	98 712	42 226,698	635 355,712	15,046	14,577	63	77	66 187	1 080,421	7 650,026	7,081	6,611
14	28	98 678	39 542,953	593 129,014	15,000	14,530	64	78	63 426	969,891	6 569,605	6,774	6,304
15	29	98 636	37 026,850	553 586,061	14,951	14,482	65	79	60 435	865,722	5 599,714	6,468	5,999
16	30	98 589	34 669,028	516 559,210	14,900	14,431	66	80	57 259	768,362	4 733,992	6,161	5,692
17	31	98 533	32 458,300	481 890,183	14,846	14,377	67	81	53 863	677,080	3 965,630	5,857	5,388
18	32	98 467	30 385,610	449 431,883	14,791	14,322	68	82	50 274	592,005	3 288,550	5,555	5,086
19	33	98 378	28 438,600	419 046,272	14,735	14,266	69	83	46 483	512,755	2 696,545	5,259	4,790
20	34	98 289	26 616,215	390 607,672	14,676	14,206	70	84	42 524	439,422	2 183,790	4,970	4,501
21	35	98 190	24 908,215	363 991,457	14,613	14,144	71	85	38 449	372,189	1 744,368	4,687	4,218
22	36	98 093	23 310,126	339 083,242	14,547	14,077	72	86	34 261	310,678	1 372,179	4,417	3,948
23	37	97 992	21 813,721	315 773,116	14,476	14,007	73	87	30 049	255,257	1 061,501	4,159	3,689
24	38	97 887	20 412,388	293 959,395	14,401	13,932	74	88	25 751	204,912	806,245	3,935	3,465
25	39	97 772	19 099,391	273 547,007	14,322	13,853	75	89	21 707	161,813	601,332	3,716	3,247
26	40	97 646	17 868,523	254 447,616	14,240	13,771	76	90	17 932	125,216	439,519	3,510	3,041
27	41	97 517	16 716,516	236 579,093	14,152	13,683	77	91	14 600	95,502	314,304	3,291	2,822
28	42	97 374	15 636,584	219 862,577	14,061	13,592	78	92	11 472	70,297	218,801	3,113	2,643
29	43	97 222	14 624,929	204 225,993	13,964	13,495	79	93	8 786	50,436	148,504	2,944	2,475
30	44	97 056	13 676,902	189 601,063	13,863	13,394	80	94	6 546	35,202	98,068	2,786	2,317
31	45	96 882	12 789,097	175 924,161	13,756	13,287	81	95	4 727	23,809	62,866	2,640	2,171
32	46	96 680	11 955,346	163 135,065	13,645	13,176	82	96	3 304	15,590	39,057	2,505	2,036
33	47	96 458	11 173,670	151 179,719	13,530	13,061	83	97	2 231	9,864	23,467	2,379	1,910
34	48	96 220	10 441,385	140 006,049	13,409	12,940	84	98	1 453	6,019	13,604	2,260	1,791
35	49	95 964	9 755,144	129 564,664	13,282	12,813	85	99	910	3,529	7,585	2,149	1,680
36	50	95 681	9 111,298	119 809,519	13,150	12,680	86	100	545	1,980	4,055	2,048	1,579
37	51	95 370	8 507,464	110 698,222	13,012	12,543							
38	52	95 039	7 941,819	102 190,758	12,867	12,398							
39	53	94 673	7 411,042	94 248,939	12,717	12,248							
40	54	94 275	6 913,204	86 837,897	12,561	12,092							
41	55	93 846	6 446,634	79 924,693	12,398	11,929							
42	56	93 370	6 008,338	73 478,059	12,229	11,760							
43	57	92 865	5 598,030	67 469,721	12,052	11,583							
44	58	92 304	5 212,374	61 871,692	11,870	11,401							
45	59	91 688	4 850,179	56 659,318	11,682	11,213							
46	60	91 030	4 510,883	51 809,139	11,485	11,016							
47	61	90 283	4 190,970	47 298,256	11,286	10,817							
48	62	89 492	3 891,571	43 107,286	11,077	10,608							
49	63	88 616	3 609,832	39 215,715	10,864	10,394							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 529 784,893	15,371	14,902	50	65	87 051	3 321,864	34 783,152	10,471	10,002
1	16	99 108	92 841,409	1 430 258,987	15,405	14,936	51	66	86 008	3 074,533	31 461,288	10,233	9,764
2	17	99 057	86 925,942	1 337 417,578	15,386	14,917	52	67	84 892	2 842,737	28 386,755	9,986	9,517
3	18	99 021	81 399,489	1 250 491,636	15,362	14,893	53	68	83 684	2 625,086	25 544,018	9,731	9,262
4	19	98 984	76 224,282	1 169 092,147	15,338	14,868	54	69	82 389	2 421,039	22 918,932	9,467	8,997
5	20	98 948	71 378,837	1 092 867,865	15,311	14,842	55	70	80 963	2 228,705	20 497,892	9,197	8,728
6	21	98 916	66 843,578	1 021 489,029	15,282	14,813	56	71	79 444	2 048,604	18 269,188	8,918	8,449
7	22	98 884	62 596,800	954 645,451	15,251	14,782	57	72	77 800	1 879,356	16 220,584	8,631	8,162
8	23	98 852	58 619,544	892 048,651	15,218	14,748	58	73	75 986	1 719,472	14 341,228	8,340	7,871
9	24	98 820	54 895,154	833 429,106	15,182	14,713	59	74	74 008	1 568,827	12 621,756	8,045	7,576
10	25	98 789	51 407,927	778 533,953	15,144	14,675	60	75	71 882	1 427,397	11 052,929	7,743	7,274
11	26	98 758	48 142,272	727 126,026	15,104	14,635	61	76	69 535	1 293,485	9 625,532	7,442	6,972
12	27	98 722	45 081,715	678 983,755	15,061	14,592	62	77	67 010	1 167,705	8 332,048	7,135	6,666
13	28	98 686	42 215,798	633 902,040	15,016	14,547	63	78	64 270	1 049,138	7 164,343	6,829	6,360
14	29	98 652	39 532,682	591 686,242	14,967	14,498	64	79	61 317	937,634	6 115,205	6,522	6,053
15	30	98 609	37 016,581	552 153,559	14,916	14,447	65	80	58 166	833,213	5 177,570	6,214	5,745
16	31	98 562	34 659,513	515 136,979	14,863	14,394	66	81	54 776	735,036	4 344,357	5,910	5,441
17	32	98 500	32 447,718	480 477,466	14,808	14,339	67	82	51 197	643,567	3 609,321	5,608	5,139
18	33	98 433	30 375,086	448 029,748	14,750	14,281	68	83	47 415	558,339	2 965,754	5,312	4,843
19	34	98 342	28 428,312	417 654,661	14,692	14,222	69	84	43 463	479,447	2 407,415	5,021	4,552
20	35	98 249	26 605,413	389 226,350	14,630	14,160	70	85	39 378	406,911	1 927,968	4,738	4,269
21	36	98 148	24 897,600	362 620,936	14,564	14,095	71	86	35 169	340,443	1 521,057	4,468	3,999
22	37	98 047	23 299,256	337 723,336	14,495	14,026	72	87	30 950	280,651	1 180,614	4,207	3,738
23	38	97 940	21 802,232	314 424,080	14,422	13,953	73	88	26 604	225,989	899,963	3,982	3,513
24	39	97 829	20 400,353	292 621,848	14,344	13,875	74	89	22 520	179,204	673,974	3,761	3,292
25	40	97 704	19 085,959	272 221,495	14,263	13,794	75	90	18 673	139,196	494,770	3,554	3,085
26	41	97 576	17 855,786	253 135,536	14,177	13,708	76	91	15 274	106,659	355,574	3,334	2,865
27	42	97 436	16 702,625	235 279,750	14,086	13,617	77	92	12 072	78,967	248,915	3,152	2,683
28	43	97 282	15 621,793	218 577,124	13,992	13,523	78	93	9 304	57,012	169,948	2,981	2,512
29	44	97 119	14 609,492	202 955,331	13,892	13,423	79	94	6 969	40,002	112,936	2,823	2,354
30	45	96 947	13 661,436	188 345,839	13,787	13,318	80	95	5 071	27,268	72,934	2,675	2,206
31	46	96 751	12 771,799	174 684,403	13,677	13,208	81	96	3 571	17,989	45,667	2,539	2,069
32	47	96 530	11 936,804	161 912,605	13,564	13,095	82	97	2 432	11,474	27,678	2,412	1,943
33	48	96 290	11 154,279	149 975,800	13,446	12,976	83	98	1 598	7,063	16,203	2,294	1,825
34	49	96 042	10 422,037	138 821,521	13,320	12,851	84	99	1 011	4,187	9,141	2,183	1,714
35	50	95 764	9 734,736	128 399,484	13,190	12,721	85	100	614	2,383	4,953	2,079	1,610
36	51	95 457	9 090,010	118 664,748	13,054	12,585							
37	52	95 132	8 486,274	109 574,739	12,912	12,443							
38	53	94 775	7 919,814	101 088,465	12,764	12,295							
39	54	94 385	7 388,518	93 168,651	12,610	12,141							
40	55	93 974	6 891,177	85 780,133	12,448	11,979							
41	56	93 508	6 423,442	78 888,956	12,281	11,812							
42	57	93 015	5 985,549	72 465,514	12,107	11,638							
43	58	92 482	5 574,931	66 479,965	11,925	11,456							
44	59	91 884	5 188,608	60 905,035	11,738	11,269							
45	60	91 250	4 827,003	55 716,427	11,543	11,074							
46	61	90 532	4 486,218	50 889,424	11,344	10,874							
47	62	89 770	4 167,143	46 403,206	11,135	10,666							
48	63	88 930	3 867,153	42 236,064	10,922	10,453							
49	64	88 025	3 585,760	38 368,911	10,700	10,231							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 528 043,419	15,355	14,886	50	66	86 377	3 296,145	33 913,701	10,289	9,820
1	17	99 092	92 826,483	1 428 531,004	15,389	14,920	51	67	85 301	3 049,261	30 617,557	10,041	9,572
2	18	99 040	86 910,683	1 335 704,521	15,369	14,900	52	68	84 126	2 817,096	27 568,296	9,786	9,317
3	19	98 999	81 381,708	1 248 793,838	15,345	14,876	53	69	82 864	2 599,373	24 751,199	9,522	9,053
4	20	98 963	76 207,889	1 167 412,129	15,319	14,850	54	70	81 485	2 394,486	22 151,826	9,251	8,782
5	21	98 928	71 363,777	1 091 204,240	15,291	14,822	55	71	79 996	2 202,076	19 757,340	8,972	8,503
6	22	98 895	66 829,130	1 019 840,464	15,260	14,791	56	72	78 384	2 021,269	17 555,265	8,685	8,216
7	23	98 862	62 582,416	953 011,334	15,228	14,759	57	73	76 596	1 850,273	15 533,995	8,396	7,926
8	24	98 830	58 606,211	890 428,918	15,193	14,724	58	74	74 669	1 689,664	13 683,723	8,098	7,629
9	25	98 798	54 882,673	831 822,707	15,156	14,687	59	75	72 578	1 538,511	11 994,058	7,796	7,327
10	26	98 767	51 396,471	776 940,034	15,117	14,647	60	76	70 280	1 395,593	10 455,547	7,492	7,023
11	27	98 732	48 129,410	725 543,563	15,075	14,606	61	77	67 772	1 260,698	9 059,955	7,186	6,717
12	28	98 697	45 070,078	677 414,153	15,030	14,561	62	78	65 070	1 133,895	7 799,257	6,878	6,409
13	29	98 661	42 204,834	632 344,076	14,983	14,514	63	79	62 133	1 014,245	6 665,362	6,572	6,103
14	30	98 625	39 521,718	590 139,242	14,932	14,463	64	80	59 014	902,426	5 651,116	6,262	5,793
15	31	98 581	37 006,422	550 617,525	14,879	14,410	65	81	55 643	797,074	4 748,691	5,958	5,489
16	32	98 530	34 648,213	513 611,103	14,824	14,354	66	82	52 065	698,655	3 951,616	5,656	5,187
17	33	98 466	32 436,480	478 962,890	14,766	14,297	67	83	48 285	606,969	3 252,962	5,359	4,890
18	34	98 397	30 364,097	446 526,410	14,706	14,237	68	84	44 335	522,070	2 645,993	5,068	4,599
19	35	98 303	28 416,775	416 162,313	14,645	14,176	69	85	40 248	443,975	2 123,923	4,784	4,315
20	36	98 207	26 594,075	387 745,538	14,580	14,111	70	86	36 019	372,203	1 679,948	4,514	4,044
21	37	98 103	24 885,990	361 151,463	14,512	14,043	71	87	31 770	307,540	1 307,745	4,252	3,783
22	38	97 996	23 286,985	336 265,473	14,440	13,971	72	88	27 401	248,471	1 000,205	4,025	3,556
23	39	97 883	21 789,378	312 978,488	14,364	13,895	73	89	23 266	197,636	751,734	3,804	3,335
24	40	97 760	20 386,006	291 189,110	14,284	13,815	74	90	19 372	154,157	554,098	3,594	3,125
25	41	97 634	19 072,355	270 803,104	14,199	13,730	75	91	15 906	118,568	399,942	3,373	2,904
26	42	97 495	17 840,948	251 730,749	14,110	13,641	76	92	12 630	88,192	281,374	3,190	2,721
27	43	97 343	16 686,825	233 889,801	14,016	13,547	77	93	9 790	64,043	193,182	3,016	2,547
28	44	97 179	15 605,303	217 202,975	13,919	13,449	78	94	7 379	45,217	129,139	2,856	2,387
29	45	97 009	14 592,971	201 597,672	13,815	13,346	79	95	5 398	30,986	83,921	2,708	2,239
30	46	96 816	13 642,958	187 004,701	13,707	13,238	80	96	3 831	20,602	52,936	2,569	2,100
31	47	96 601	12 751,991	173 361,743	13,595	13,126	81	97	2 628	13,240	32,334	2,442	1,973
32	48	96 362	11 916,089	160 609,752	13,478	13,009	82	98	1 741	8,216	19,094	2,324	1,855
33	49	96 112	11 133,611	148 693,663	13,355	12,886	83	99	1 112	4,914	10,877	2,214	1,745
34	50	95 841	10 400,234	137 560,052	13,227	12,758	84	100	683	2,827	5,964	2,110	1,640
35	51	95 540	9 711,991	127 159,819	13,093	12,624							
36	52	95 219	9 067,368	117 447,828	12,953	12,484							
37	53	94 869	8 462,759	108 380,459	12,807	12,338							
38	54	94 487	7 895,744	99 917,700	12,655	12,185							
39	55	94 085	7 364,977	92 021,956	12,495	12,025							
40	56	93 636	6 866,386	84 656,979	12,329	11,860							
41	57	93 154	6 399,079	77 790,593	12,157	11,687							
42	58	92 632	5 960,851	71 391,514	11,977	11,508							
43	59	92 061	5 549,511	65 430,663	11,790	11,321							
44	60	91 444	5 163,815	59 881,153	11,596	11,127							
45	61	90 751	4 800,609	54 717,338	11,398	10,929							
46	62	90 017	4 460,711	49 916,729	11,190	10,721							
47	63	89 206	4 140,995	45 456,017	10,977	10,508							
48	64	88 337	3 841,364	41 315,022	10,755	10,286							
49	65	87 392	3 559,957	37 473,659	10,526	10,057							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 526 180,923	15,339	14,870	50	67	85 667	3 269,051	32 996,228	10,094	9,624
1	18	99 075	92 810,189	1 426 684,506	15,372	14,903	51	68	84 532	3 021,758	29 727,177	9,838	9,369
2	19	99 018	86 891,699	1 333 874,317	15,351	14,882	52	69	83 302	2 789,502	26 705,419	9,574	9,104
3	20	98 978	81 364,207	1 246 982,618	15,326	14,857	53	70	81 955	2 570,864	23 915,916	9,303	8,834
4	21	98 942	76 191,810	1 165 618,411	15,298	14,829	54	71	80 511	2 365,876	21 345,052	9,022	8,553
5	22	98 906	71 348,351	1 089 426,601	15,269	14,800	55	72	78 928	2 172,693	18 979,176	8,735	8,266
6	23	98 872	66 813,773	1 018 078,250	15,238	14,768	56	73	77 171	1 989,990	16 806,483	8,446	7,976
7	24	98 839	62 568,181	951 264,477	15,204	14,735	57	74	75 268	1 818,197	14 816,493	8,149	7,680
8	25	98 807	58 592,887	888 696,296	15,167	14,698	58	75	73 226	1 657,013	12 998,295	7,844	7,375
9	26	98 776	54 870,443	830 103,409	15,128	14,659	59	76	70 961	1 504,231	11 341,282	7,540	7,070
10	27	98 741	51 382,740	775 232,966	15,087	14,618	60	77	68 499	1 360,217	9 837,051	7,232	6,763
11	28	98 706	48 116,986	723 850,227	15,044	14,574	61	78	65 810	1 224,195	8 476,833	6,924	6,455
12	29	98 671	45 058,371	675 733,240	14,997	14,528	62	79	62 906	1 096,184	7 252,638	6,616	6,147
13	30	98 633	42 193,128	630 674,869	14,947	14,478	63	80	59 800	976,160	6 156,455	6,307	5,838
14	31	98 598	39 510,871	588 481,742	14,894	14,425	64	81	56 454	863,285	5 180,295	6,001	5,532
15	32	98 549	36 994,357	548 970,870	14,839	14,370	65	82	52 889	757,623	4 317,010	5,698	5,229
16	33	98 496	34 636,213	511 976,514	14,782	14,312	66	83	49 104	658,924	3 559,388	5,402	4,933
17	34	98 431	32 424,745	477 340,301	14,721	14,252	67	84	45 149	567,541	2 900,464	5,111	4,641
18	35	98 357	30 351,775	444 915,556	14,659	14,190	68	85	41 055	483,444	2 332,923	4,826	4,357
19	36	98 261	28 404,665	414 563,782	14,595	14,126	69	86	36 815	406,106	1 849,479	4,554	4,085
20	37	98 161	26 581,674	386 159,117	14,527	14,058	70	87	32 538	336,230	1 443,373	4,293	3,824
21	38	98 051	24 872,883	359 577,443	14,457	13,987	71	88	28 127	272,277	1 107,143	4,066	3,597
22	39	97 938	23 273,255	334 704,560	14,382	13,912	72	89	23 963	217,298	834,866	3,842	3,373
23	40	97 814	21 774,054	311 431,305	14,303	13,834	73	90	20 014	170,012	617,569	3,632	3,163
24	41	97 690	20 371,475	289 657,251	14,219	13,750	74	91	16 502	131,311	447,556	3,408	2,939
25	42	97 553	19 056,506	269 285,775	14,131	13,662	75	92	13 152	98,039	316,245	3,226	2,757
26	43	97 403	17 824,072	250 229,269	14,039	13,570	76	93	10 243	71,525	218,206	3,051	2,582
27	44	97 241	16 669,212	232 405,197	13,942	13,473	77	94	7 765	50,794	146,682	2,888	2,419
28	45	97 069	15 587,656	215 735,985	13,840	13,371	78	95	5 716	35,026	95,888	2,738	2,269
29	46	96 878	14 573,233	200 148,329	13,734	13,265	79	96	4 078	23,411	60,862	2,600	2,131
30	47	96 665	13 621,799	185 575,096	13,623	13,154	80	97	2 820	15,163	37,451	2,470	2,001
31	48	96 434	12 729,861	171 953,297	13,508	13,039	81	98	1 882	9,480	22,287	2,351	1,882
32	49	96 183	11 894,009	159 223,436	13,387	12,918	82	99	1 211	5,716	12,807	2,240	1,771
33	50	95 911	11 110,318	147 329,427	13,261	12,791	83	100	750	3,317	7,091	2,138	1,668
34	51	95 617	10 375,934	136 219,109	13,128	12,659							
35	52	95 302	9 687,801	125 843,175	12,990	12,521							
36	53	94 955	9 042,244	116 155,374	12,846	12,377							
37	54	94 581	8 437,040	107 113,130	12,696	12,226							
38	55	94 186	7 870,587	98 676,091	12,537	12,068							
39	56	93 746	7 338,481	90 805,504	12,374	11,905							
40	57	93 281	6 840,342	83 467,022	12,202	11,733							
41	58	92 769	6 372,674	76 626,680	12,024	11,555							
42	59	92 209	5 933,671	70 254,006	11,840	11,371							
43	60	91 621	5 522,993	64 320,334	11,646	11,177							
44	61	90 944	5 135,579	58 797,341	11,449	10,980							
45	62	90 235	4 773,316	53 661,761	11,242	10,773							
46	63	89 453	4 432,721	48 888,446	11,029	10,560							
47	64	88 611	4 113,380	44 455,724	10,808	10,338							
48	65	87 702	3 813,722	40 342,344	10,578	10,109							
49	66	86 715	3 532,394	36 528,622	10,341	9,872							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 524 191,949	15,322	14,853	50	68	84 895	3 239,566	32 029,082	9,887	9,418
1	19	99 053	92 789,916	1 424 712,998	15,354	14,885	51	69	83 704	2 992,159	28 789,516	9,622	9,153
2	20	98 997	86 873,012	1 331 923,082	15,332	14,863	52	70	82 389	2 758,908	25 797,357	9,351	8,881
3	21	98 957	81 347,040	1 245 050,070	15,305	14,836	53	71	80 976	2 540,147	23 038,449	9,070	8,601
4	22	98 920	76 175,342	1 163 703,030	15,277	14,808	54	72	79 437	2 334,309	20 498,302	8,781	8,312
5	23	98 883	71 331,956	1 087 527,688	15,246	14,777	55	73	77 707	2 139,071	18 163,994	8,492	8,022
6	24	98 850	66 798,576	1 016 195,732	15,213	14,744	56	74	75 833	1 955,493	16 024,923	8,195	7,726
7	25	98 817	62 553,956	949 397,157	15,177	14,708	57	75	73 814	1 783,062	14 069,431	7,891	7,421
8	26	98 785	58 579,830	886 843,200	15,139	14,670	58	76	71 594	1 620,093	12 286,368	7,584	7,115
9	27	98 749	54 855,784	828 263,371	15,099	14,630	59	77	69 162	1 466,103	10 666,275	7,275	6,806
10	28	98 715	51 369,476	773 407,587	15,056	14,587	60	78	66 515	1 320,833	9 200,173	6,965	6,496
11	29	98 681	48 104,489	722 038,111	15,010	14,541	61	79	63 621	1 183,481	7 879,339	6,658	6,189
12	30	98 644	45 045,874	673 933,622	14,961	14,492	62	80	60 544	1 055,021	6 695,858	6,347	5,878
13	31	98 606	42 181,548	628 887,748	14,909	14,440	63	81	57 206	933,821	5 640,837	6,041	5,571
14	32	98 566	39 497,990	586 706,200	14,854	14,385	64	82	53 660	820,556	4 707,017	5,736	5,267
15	33	98 515	36 981,544	547 208,211	14,797	14,328	65	83	49 881	714,538	3 886,461	5,439	4,970
16	34	98 460	34 623,682	510 226,667	14,736	14,267	66	84	45 914	616,121	3 171,923	5,148	4,679
17	35	98 391	32 411,586	475 602,985	14,674	14,205	67	85	41 808	525,551	2 555,802	4,863	4,394
18	36	98 315	30 338,840	443 191,399	14,608	14,139	68	86	37 553	442,208	2 030,251	4,591	4,122
19	37	98 215	28 391,419	412 852,559	14,541	14,072	69	87	33 257	366,856	1 588,043	4,329	3,860
20	38	98 110	26 567,674	384 461,140	14,471	14,002	70	88	28 807	297,678	1 221,187	4,102	3,633
21	39	97 993	24 858,218	357 893,466	14,397	13,928	71	89	24 599	238,117	923,509	3,878	3,409
22	40	97 869	23 256,888	333 035,248	14,320	13,851	72	90	20 614	186,926	685,393	3,667	3,198
23	41	97 744	21 758,534	309 778,360	14,237	13,768	73	91	17 048	144,817	498,466	3,442	2,973
24	42	97 609	20 354,547	288 019,826	14,150	13,681	74	92	13 644	108,575	353,649	3,257	2,788
25	43	97 461	19 038,480	267 665,279	14,059	13,590	75	93	10 666	79,511	245,074	3,082	2,613
26	44	97 300	17 805,258	248 626,799	13,964	13,495	76	94	8 124	56,728	165,563	2,919	2,449
27	45	97 131	16 650,362	230 821,541	13,863	13,394	77	95	6 015	39,345	108,835	2,766	2,297
28	46	96 938	15 566,573	214 171,180	13,758	13,289	78	96	4 319	26,464	69,490	2,626	2,157
29	47	96 728	14 550,632	198 604,606	13,649	13,180	79	97	3 002	17,231	43,026	2,497	2,028
30	48	96 498	13 598,159	184 053,975	13,535	13,066	80	98	2 019	10,858	25,795	2,376	1,907
31	49	96 255	12 706,273	170 455,815	13,415	12,946	81	99	1 309	6,596	14,938	2,265	1,796
32	50	95 982	11 869,126	157 749,543	13,291	12,822	82	100	818	3,859	8,342	2,162	1,693
33	51	95 687	11 084,359	145 880,417	13,161	12,692							
34	52	95 379	10 350,090	134 796,058	13,024	12,555							
35	53	95 038	9 660,957	124 445,968	12,881	12,412							
36	54	94 667	9 014,763	114 785,011	12,733	12,264							
37	55	94 279	8 410,158	105 770,247	12,576	12,107							
38	56	93 847	7 842,272	97 360,090	12,415	11,946							
39	57	93 391	7 310,647	89 517,817	12,245	11,776							
40	58	92 896	6 812,117	82 207,170	12,068	11,599							
41	59	92 346	6 343,617	75 395,053	11,885	11,416							
42	60	91 769	5 905,318	69 051,436	11,693	11,224							
43	61	91 120	5 492,794	63 146,117	11,496	11,027							
44	62	90 427	5 106,381	57 653,323	11,290	10,821							
45	63	89 669	4 743,364	52 546,942	11,078	10,609							
46	64	88 856	4 403,161	47 803,578	10,857	10,388							
47	65	87 974	4 083,781	43 400,416	10,628	10,158							
48	66	87 023	3 784,195	39 316,636	10,390	9,921							
49	67	86 002	3 503,359	35 532,441	10,142	9,673							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 522 069,578	15,304	14,835	50	69	84 063	3 207,834	31 011,622	9,667	9,198
1	20	99 032	92 769,961	1 422 612,357	15,335	14,866	51	70	82 786	2 959,342	27 803,788	9,395	8,926
2	21	98 976	86 854,683	1 329 842,397	15,311	14,842	52	71	81 404	2 725,944	24 844,446	9,114	8,645
3	22	98 935	81 329,457	1 242 987,713	15,283	14,814	53	72	79 896	2 506,254	22 118,502	8,825	8,356
4	23	98 898	76 157,837	1 161 658,256	15,253	14,784	54	73	78 208	2 298,185	19 612,248	8,534	8,065
5	24	98 861	71 315,731	1 085 500,420	15,221	14,752	55	74	76 360	2 101,989	17 314,063	8,237	7,768
6	25	98 827	66 783,389	1 014 184,688	15,186	14,717	56	75	74 367	1 917,704	15 212,074	7,932	7,463
7	26	98 795	62 540,016	947 401,300	15,149	14,680	57	76	72 169	1 743,334	13 294,370	7,626	7,157
8	27	98 759	58 564,179	884 861,283	15,109	14,640	58	77	69 779	1 579,027	11 551,036	7,315	6,846
9	28	98 724	54 841,624	826 297,104	15,067	14,598	59	78	67 160	1 423,653	9 972,009	7,005	6,535
10	29	98 690	51 356,134	771 455,480	15,022	14,553	60	79	64 303	1 276,905	8 548,356	6,695	6,225
11	30	98 653	48 091,146	720 099,346	14,974	14,505	61	80	61 232	1 139,040	7 271,451	6,384	5,915
12	31	98 617	45 033,512	672 008,200	14,922	14,453	62	81	57 918	1 009,262	6 132,411	6,076	5,607
13	32	98 574	42 167,796	626 974,688	14,869	14,399	63	82	54 374	887,601	5 123,149	5,772	5,303
14	33	98 531	39 484,310	584 806,893	14,811	14,342	64	83	50 609	773,892	4 235,549	5,473	5,004
15	34	98 480	36 968,164	545 322,583	14,751	14,282	65	84	46 641	668,122	3 461,656	5,181	4,712
16	35	98 420	34 609,631	508 354,419	14,688	14,219	66	85	42 517	570,537	2 793,534	4,896	4,427
17	36	98 349	32 397,774	473 744,788	14,623	14,154	67	86	38 242	480,724	2 222,997	4,624	4,155
18	37	98 269	30 324,692	441 347,014	14,554	14,085	68	87	33 923	399,469	1 742,274	4,361	3,892
19	38	98 163	28 376,466	411 022,322	14,485	14,015	69	88	29 443	324,792	1 342,804	4,134	3,665
20	39	98 052	26 552,010	382 645,856	14,411	13,942	70	89	25 193	260,330	1 018,012	3,910	3,441
21	40	97 924	24 840,736	356 093,846	14,335	13,866	71	90	21 160	204,835	757,682	3,699	3,230
22	41	97 799	23 240,311	331 253,110	14,253	13,784	72	91	17 559	159,224	552,847	3,472	3,003
23	42	97 663	21 740,453	308 012,799	14,168	13,699	73	92	14 096	119,743	393,622	3,287	2,818
24	43	97 517	20 335,293	286 272,346	14,078	13,608	74	93	11 066	88,056	273,879	3,110	2,641
25	44	97 358	19 018,384	265 937,053	13,983	13,514	75	94	8 460	63,062	185,823	2,947	2,478
26	45	97 190	17 785,123	246 918,669	13,883	13,414	76	95	6 293	43,942	122,761	2,794	2,325
27	46	96 999	16 627,841	229 133,546	13,780	13,311	77	96	4 544	29,727	78,820	2,651	2,182
28	47	96 788	15 542,431	212 505,705	13,673	13,203	78	97	3 179	19,478	49,092	2,520	2,051
29	48	96 560	14 525,380	196 963,274	13,560	13,091	79	98	2 149	12,338	29,615	2,400	1,931
30	49	96 319	13 572,963	182 437,894	13,441	12,972	80	99	1 405	7,554	17,277	2,287	1,818
31	50	96 053	12 679,690	168 864,932	13,318	12,849	81	100	884	4,453	9,723	2,184	1,714
32	51	95 758	11 841,394	156 185,241	13,190	12,721							
33	52	95 448	11 056,751	144 343,847	13,055	12,586							
34	53	95 115	10 321,411	133 287,097	12,914	12,445							
35	54	94 749	9 631,596	122 965,686	12,767	12,298							
36	55	94 365	8 986,041	113 334,090	12,612	12,143							
37	56	93 940	8 379,902	104 348,049	12,452	11,983							
38	57	93 491	7 812,527	95 968,147	12,284	11,815							
39	58	93 005	7 280,482	88 155,620	12,108	11,639							
40	59	92 473	6 781,056	80 875,138	11,927	11,457							
41	60	91 905	6 313,305	74 094,082	11,736	11,267							
42	61	91 267	5 873,029	67 780,777	11,541	11,072							
43	62	90 602	5 461,565	61 907,748	11,335	10,866							
44	63	89 860	5 074,340	56 446,183	11,124	10,655							
45	64	89 071	4 711,732	51 371,843	10,903	10,434							
46	65	88 217	4 371,477	46 660,110	10,674	10,205							
47	66	87 293	4 052,162	42 288,633	10,436	9,967							
48	67	86 307	3 753,089	38 236,471	10,188	9,719							
49	68	85 227	3 471,760	34 483,382	9,933	9,463							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 519 809,448	15,284	14,815	50	70	83 141	3 172,651	29 943,031	9,438	8,969
1	21	99 011	92 750,387	1 420 373,616	15,314	14,845	51	71	81 797	2 923,983	26 770,380	9,155	8,686
2	22	98 954	86 835,910	1 327 623,229	15,289	14,820	52	72	80 318	2 689,572	23 846,396	8,866	8,397
3	23	98 913	81 310,768	1 240 787,319	15,260	14,791	53	73	78 659	2 467,469	21 156,825	8,574	8,105
4	24	98 875	76 140,514	1 159 476,551	15,228	14,759	54	74	76 852	2 258,345	18 689,356	8,276	7,807
5	25	98 838	71 299,517	1 083 336,037	15,194	14,725	55	75	74 884	2 061,370	16 431,011	7,971	7,502
6	26	98 805	66 768,507	1 012 036,519	15,157	14,688	56	76	72 711	1 874,976	14 369,641	7,664	7,195
7	27	98 768	62 523,308	945 268,013	15,119	14,650	57	77	70 340	1 699,144	12 494,665	7,354	6,884
8	28	98 733	58 549,062	882 744,704	15,077	14,608	58	78	67 759	1 533,308	10 795,521	7,041	6,572
9	29	98 698	54 827,379	824 195,642	15,033	14,563	59	79	64 926	1 376,305	9 262,213	6,730	6,261
10	30	98 662	51 341,890	769 368,263	14,985	14,516	60	80	61 888	1 228,956	7 885,908	6,417	5,948
11	31	98 626	48 077,948	718 026,373	14,935	14,466	61	81	58 576	1 089,637	6 656,952	6,109	5,640
12	32	98 585	45 018,830	669 948,425	14,882	14,412	62	82	55 051	959,307	5 567,316	5,803	5,334
13	33	98 540	42 153,191	624 929,595	14,825	14,356	63	83	51 282	837,125	4 608,008	5,505	5,035
14	34	98 496	39 470,025	582 776,404	14,765	14,296	64	84	47 321	723,621	3 770,884	5,211	4,742
15	35	98 440	36 953,162	543 306,379	14,703	14,233	65	85	43 190	618,691	3 047,262	4,925	4,456
16	36	98 378	34 594,882	506 353,218	14,637	14,168	66	86	38 891	521,872	2 428,572	4,654	4,184
17	37	98 303	32 382,666	471 758,336	14,568	14,099	67	87	34 546	434,262	1 906,699	4,391	3,922
18	38	98 218	30 308,721	439 375,670	14,497	14,028	68	88	30 034	353,666	1 472,437	4,163	3,694
19	39	98 105	28 359,736	409 066,949	14,424	13,955	69	89	25 749	284,043	1 118,771	3,939	3,470
20	40	97 983	26 533,337	380 707,214	14,348	13,879	70	90	21 672	223,944	834,728	3,727	3,258
21	41	97 854	24 823,030	354 173,877	14,268	13,799	71	91	18 025	174,479	610,784	3,501	3,031
22	42	97 718	23 220,999	329 350,847	14,183	13,714	72	92	14 519	131,656	436,304	3,314	2,845
23	43	97 571	21 719,887	306 129,848	14,094	13,625	73	93	11 432	97,113	304,649	3,137	2,668
24	44	97 414	20 313,828	284 409,960	14,001	13,532	74	94	8 777	69,839	207,535	2,972	2,502
25	45	97 248	18 996,877	264 096,132	13,902	13,433	75	95	6 553	48,848	137,696	2,819	2,350
26	46	97 059	17 761,067	245 099,255	13,800	13,331	76	96	4 754	33,200	88,848	2,676	2,207
27	47	96 849	16 602,053	227 338,188	13,693	13,224	77	97	3 345	21,880	55,648	2,543	2,074
28	48	96 620	15 515,458	210 736,135	13,582	13,113	78	98	2 276	13,947	33,769	2,421	1,952
29	49	96 381	14 498,465	195 220,677	13,465	12,996	79	99	1 495	8,584	19,822	2,309	1,840
30	50	96 117	13 544,567	180 722,212	13,343	12,874	80	100	948	5,100	11,238	2,204	1,735
31	51	95 829	12 650,065	167 177,645	13,216	12,746							
32	52	95 519	11 811,900	154 527,580	13,082	12,613							
33	53	95 184	11 026,114	142 715,680	12,943	12,474							
34	54	94 826	10 290,043	131 689,566	12,798	12,329							
35	55	94 447	9 600,908	121 399,524	12,645	12,175							
36	56	94 026	8 953,713	111 798,615	12,486	12,017							
37	57	93 584	8 348,118	102 844,902	12,320	11,850							
38	58	93 106	7 780,291	94 496,784	12,146	11,677							
39	59	92 581	7 247,285	86 716,494	11,965	11,496							
40	60	92 031	6 748,654	79 469,209	11,776	11,306							
41	61	91 403	6 278,785	72 720,554	11,582	11,113							
42	62	90 748	5 839,638	66 441,770	11,378	10,909							
43	63	90 033	5 427,295	60 602,132	11,166	10,697							
44	64	89 261	5 040,501	55 174,837	10,946	10,477							
45	65	88 430	4 677,828	50 134,336	10,717	10,248							
46	66	87 534	4 337,631	45 456,508	10,480	10,010							
47	67	86 575	4 018,855	41 118,877	10,231	9,762							
48	68	85 529	3 719,238	37 100,023	9,975	9,506							
49	69	84 392	3 437,754	33 380,785	9,710	9,241							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 517 401,999	15,263	14,794	50	71	82 148	3 134,744	28 823,752	9,195	8,726
1	22	98 990	92 730,340	1 417 987,147	15,292	14,822	51	72	80 706	2 884,969	25 689,009	8,904	8,435
2	23	98 932	86 815,955	1 325 256,807	15,265	14,796	52	73	79 075	2 647,950	22 804,040	8,612	8,143
3	24	98 890	81 292,273	1 238 440,852	15,234	14,765	53	74	77 296	2 424,694	20 156,090	8,313	7,844
4	25	98 853	76 123,204	1 157 148,578	15,201	14,732	54	75	75 367	2 214,704	17 731,395	8,006	7,537
5	26	98 816	71 283,629	1 081 025,375	15,165	14,696	55	76	73 216	2 015,440	15 516,691	7,699	7,230
6	27	98 779	66 750,669	1 009 741,746	15,127	14,658	56	77	70 867	1 827,449	13 501,251	7,388	6,919
7	28	98 743	62 507,169	942 991,077	15,086	14,617	57	78	68 303	1 649,947	11 673,801	7,075	6,606
8	29	98 708	58 533,855	880 483,908	15,042	14,573	58	79	65 505	1 482,313	10 023,854	6,762	6,293
9	30	98 671	54 812,172	821 950,053	14,996	14,527	59	80	62 488	1 324,624	8 541,542	6,448	5,979
10	31	98 635	51 327,799	767 137,881	14,946	14,477	60	81	59 204	1 175,653	7 216,918	6,139	5,670
11	32	98 594	48 062,274	715 810,082	14,893	14,424	61	82	55 677	1 035,704	6 041,265	5,833	5,364
12	33	98 550	45 003,238	667 747,808	14,838	14,369	62	83	51 921	904,754	5 005,561	5,533	5,063
13	34	98 504	42 137,941	622 744,570	14,779	14,310	63	84	47 951	782,746	4 100,808	5,239	4,770
14	35	98 456	39 454,007	580 606,630	14,716	14,247	64	85	43 820	670,083	3 318,062	4,952	4,483
15	36	98 398	36 937,414	541 152,623	14,651	14,181	65	86	39 506	565,919	2 647,978	4,679	4,210
16	37	98 332	34 578,750	504 215,209	14,582	14,113	66	87	35 132	471,434	2 082,059	4,416	3,947
17	38	98 251	32 365,610	469 636,459	14,510	14,041	67	88	30 585	384,469	1 610,625	4,189	3,720
18	39	98 160	30 290,851	437 270,849	14,436	13,967	68	89	26 266	309,294	1 226,156	3,964	3,495
19	40	98 036	28 339,791	406 979,998	14,361	13,892	69	90	22 150	244,343	916,862	3,752	3,283
20	41	97 913	26 514,424	378 640,206	14,281	13,811	70	91	18 460	190,757	672,519	3,526	3,056
21	42	97 773	24 802,403	352 125,782	14,197	13,728	71	92	14 904	144,269	481,762	3,339	2,870
22	43	97 626	23 199,033	327 323,379	14,109	13,640	72	93	11 775	106,775	337,493	3,161	2,692
23	44	97 468	21 696,961	304 124,347	14,017	13,548	73	94	9 067	77,022	230,718	2,995	2,526
24	45	97 304	20 290,857	282 427,386	13,919	13,450	74	95	6 798	54,098	153,696	2,841	2,372
25	46	97 116	18 971,183	262 136,529	13,818	13,348	75	96	4 951	36,907	99,598	2,699	2,229
26	47	96 908	17 733,521	243 165,346	13,712	13,243	76	97	3 499	24,436	62,691	2,566	2,096
27	48	96 681	16 573,241	225 431,825	13,602	13,133	77	98	2 395	15,667	38,255	2,442	1,973
28	49	96 441	15 486,709	208 858,583	13,486	13,017	78	99	1 583	9,703	22,588	2,328	1,859
29	50	96 179	14 468,133	193 371,875	13,365	12,896	79	100	1 010	5,795	12,885	2,224	1,754
30	51	95 893	13 512,921	178 903,741	13,239	12,770							
31	52	95 590	12 618,556	165 390,821	13,107	12,638							
32	53	95 255	11 779,171	152 772,265	12,970	12,501							
33	54	94 894	10 992,604	140 993,094	12,826	12,357							
34	55	94 523	10 257,257	130 000,490	12,674	12,205							
35	56	94 107	9 566,369	119 743,233	12,517	12,048							
36	57	93 669	8 919,753	110 176,865	12,352	11,883							
37	58	93 198	8 313,671	101 257,112	12,180	11,710							
38	59	92 681	7 744,815	92 943,441	12,001	11,532							
39	60	92 139	7 212,655	85 198,625	11,812	11,343							
40	61	91 527	6 711,753	77 985,970	11,619	11,150							
41	62	90 883	6 243,087	71 274,217	11,417	10,947							
42	63	90 179	5 802,995	65 031,130	11,206	10,737							
43	64	89 433	5 391,102	59 228,135	10,986	10,517							
44	65	88 618	5 004,230	53 837,032	10,758	10,289							
45	66	87 745	4 641,610	48 832,802	10,521	10,052							
46	67	86 814	4 301,977	44 191,192	10,272	9,803							
47	68	85 794	3 982,606	39 889,215	10,016	9,547							
48	69	84 691	3 682,808	35 906,609	9,750	9,281							
49	70	83 466	3 400,049	32 223,802	9,477	9,008							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 514 836,964	15,241	14,772	50	72	81 052	3 092,917	27 653,504	8,941	8,472
1	23	98 967	92 709,031	1 415 443,599	15,268	14,798	51	73	79 457	2 840,323	24 560,587	8,647	8,178
2	24	98 909	86 796,209	1 322 734,568	15,240	14,770	52	74	77 704	2 602,047	21 720,264	8,347	7,878
3	25	98 868	81 273,791	1 235 938,360	15,207	14,738	53	75	75 802	2 377,840	19 118,217	8,040	7,571
4	26	98 831	76 106,240	1 154 664,569	15,172	14,703	54	76	73 688	2 165,358	16 740,377	7,731	7,262
5	27	98 790	71 264,585	1 078 558,329	15,135	14,665	55	77	71 360	1 964,353	14 575,019	7,420	6,951
6	28	98 753	66 733,438	1 007 293,744	15,094	14,625	56	78	68 816	1 774,537	12 610,666	7,106	6,637
7	29	98 717	62 490,934	940 560,306	15,051	14,582	57	79	66 031	1 595,073	10 836,129	6,794	6,324
8	30	98 680	58 517,620	878 069,372	15,005	14,536	58	80	63 046	1 426,651	9 241,056	6,477	6,008
9	31	98 644	54 797,130	819 551,752	14,956	14,487	59	81	59 778	1 267,171	7 814,405	6,167	5,698
10	32	98 603	51 311,065	764 754,622	14,904	14,435	60	82	56 274	1 117,463	6 547,235	5,859	5,390
11	33	98 560	48 045,628	713 443,557	14,849	14,380	61	83	52 511	976,806	5 429,772	5,559	5,090
12	34	98 515	44 986,956	665 397,929	14,791	14,322	62	84	48 548	845,982	4 452,966	5,264	4,795
13	35	98 464	42 120,840	620 410,974	14,729	14,260	63	85	44 403	724,834	3 606,984	4,976	4,507
14	36	98 414	39 437,193	578 290,133	14,664	14,194	64	86	40 082	612,928	2 882,151	4,702	4,233
15	37	98 352	36 920,190	538 852,940	14,595	14,126	65	87	35 688	511,224	2 269,222	4,439	3,970
16	38	98 280	34 560,537	501 932,751	14,523	14,054	66	88	31 104	417,379	1 757,998	4,212	3,743
17	39	98 193	32 346,528	467 372,214	14,449	13,980	67	89	26 748	336,233	1 340,619	3,987	3,518
18	40	98 091	30 269,549	435 025,685	14,372	13,903	68	90	22 595	266,064	1 004,386	3,775	3,306
19	41	97 966	28 319,591	404 756,136	14,292	13,823	69	91	18 868	208,132	738,322	3,547	3,078
20	42	97 832	26 492,391	376 436,545	14,209	13,740	70	92	15 264	157,728	530,190	3,361	2,892
21	43	97 681	24 778,941	349 944,154	14,123	13,654	71	93	12 087	117,005	372,462	3,183	2,714
22	44	97 522	23 174,545	325 165,213	14,031	13,562	72	94	9 339	84,685	255,457	3,017	2,547
23	45	97 357	21 672,426	301 990,668	13,934	13,465	73	95	7 024	59,662	170,772	2,862	2,393
24	46	97 172	20 263,412	280 318,242	13,834	13,365	74	96	5 137	40,874	111,110	2,718	2,249
25	47	96 966	18 941,760	260 054,830	13,729	13,260	75	97	3 644	27,164	70,236	2,586	2,117
26	48	96 740	17 702,746	241 113,070	13,620	13,151	76	98	2 506	17,497	43,072	2,462	1,993
27	49	96 502	16 542,532	223 410,324	13,505	13,036	77	99	1 666	10,900	25,575	2,346	1,877
28	50	96 239	15 454,309	206 867,792	13,386	12,917	78	100	1 069	6,551	14,676	2,240	1,771
29	51	95 954	14 434,329	191 413,483	13,261	12,792							
30	52	95 654	13 479,263	176 979,154	13,130	12,661							
31	53	95 325	12 583,592	163 499,891	12,993	12,524							
32	54	94 965	11 743,372	150 916,299	12,851	12,382							
33	55	94 592	10 957,580	139 172,927	12,701	12,232							
34	56	94 183	10 220,356	128 215,347	12,545	12,076							
35	57	93 750	9 530,084	117 994,991	12,381	11,912							
36	58	93 283	8 882,947	108 464,907	12,210	11,741							
37	59	92 773	8 275,764	99 581,960	12,033	11,564							
38	60	92 238	7 707,808	91 306,196	11,846	11,377							
39	61	91 635	7 173,217	83 598,388	11,654	11,185							
40	62	91 007	6 673,594	76 425,171	11,452	10,983							
41	63	90 313	6 203,913	69 751,577	11,243	10,774							
42	64	89 577	5 764,297	63 547,664	11,024	10,555							
43	65	88 789	5 352,309	57 783,367	10,796	10,327							
44	66	87 932	4 965,486	52 431,058	10,559	10,090							
45	67	87 024	4 603,457	47 465,572	10,311	9,842							
46	68	86 031	4 263,175	42 862,115	10,054	9,585							
47	69	84 954	3 943,596	38 598,941	9,788	9,319							
48	70	83 762	3 642,416	34 655,345	9,514	9,045							
49	71	82 469	3 359,425	31 012,929	9,232	8,762							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 512 104,367	15,217	14,748	50	73	79 797	3 045,053	26 433,284	8,681	8,212
1	24	98 944	92 687,943	1 412 733,842	15,242	14,773	51	74	78 079	2 791,085	23 388,231	8,380	7,910
2	25	98 887	86 776,475	1 320 045,899	15,212	14,743	52	75	76 203	2 551,765	20 597,146	8,072	7,603
3	26	98 846	81 255,680	1 233 269,424	15,178	14,709	53	76	74 113	2 324,858	18 045,381	7,762	7,293
4	27	98 804	76 085,908	1 152 013,744	15,141	14,672	54	77	71 820	2 110,471	15 720,522	7,449	6,980
5	28	98 765	71 246,189	1 075 927,836	15,102	14,632	55	78	69 294	1 907,477	13 610,051	7,135	6,666
6	29	98 727	66 716,105	1 004 681,647	15,059	14,590	56	79	66 527	1 715,519	11 702,574	6,822	6,352
7	30	98 690	62 473,601	937 965,542	15,014	14,545	57	80	63 552	1 535,177	9 987,055	6,505	6,036
8	31	98 653	58 501,560	875 491,940	14,965	14,496	58	81	60 311	1 364,773	8 451,878	6,193	5,724
9	32	98 611	54 779,265	816 990,380	14,914	14,445	59	82	56 819	1 204,451	7 087,105	5,884	5,415
10	33	98 569	51 293,294	762 211,115	14,860	14,391	60	83	53 074	1 053,915	5 882,654	5,582	5,113
11	34	98 524	48 028,245	710 917,821	14,802	14,333	61	84	49 100	913,353	4 828,739	5,287	4,818
12	35	98 475	44 968,699	662 889,576	14,741	14,272	62	85	44 956	783,391	3 915,386	4,998	4,529
13	36	98 423	42 102,890	617 920,877	14,676	14,207	63	86	40 616	663,009	3 131,995	4,724	4,255
14	37	98 368	39 418,803	575 817,987	14,608	14,139	64	87	36 209	553,690	2 468,986	4,459	3,990
15	38	98 300	36 900,744	536 399,184	14,536	14,067	65	88	31 596	452,606	1 915,296	4,232	3,763
16	39	98 222	34 540,161	499 498,440	14,461	13,992	66	89	27 201	365,014	1 462,690	4,007	3,538
17	40	98 124	32 323,780	464 958,279	14,384	13,915	67	90	23 009	289,238	1 097,676	3,795	3,326
18	41	98 021	30 247,973	432 634,499	14,303	13,834	68	91	19 246	226,635	808,438	3,567	3,098
19	42	97 885	28 296,058	402 386,526	14,221	13,751	69	92	15 601	172,095	581,804	3,381	2,912
20	43	97 739	26 467,331	374 090,468	14,134	13,665	70	93	12 379	127,920	409,709	3,203	2,734
21	44	97 577	24 752,786	347 623,137	14,044	13,575	71	94	9 587	92,799	281,789	3,037	2,567
22	45	97 412	23 148,339	322 870,351	13,948	13,479	72	95	7 234	65,598	188,990	2,881	2,412
23	46	97 226	21 643,112	299 722,013	13,848	13,379	73	96	5 307	45,078	123,392	2,737	2,268
24	47	97 021	20 231,985	278 078,900	13,745	13,275	74	97	3 781	30,083	78,315	2,603	2,134
25	48	96 797	18 908,888	257 846,915	13,636	13,167	75	98	2 609	19,451	48,231	2,480	2,011
26	49	96 561	17 669,944	238 938,027	13,522	13,053	76	99	1 743	12,173	28,780	2,364	1,895
27	50	96 300	16 507,923	221 268,083	13,404	12,935	77	100	1 125	7,358	16,607	2,257	1,788
28	51	96 014	15 418,201	204 760,159	13,280	12,811							
29	52	95 715	14 398,376	189 341,958	13,150	12,681							
30	53	95 389	13 441,914	174 943,582	13,015	12,546							
31	54	95 036	12 545,348	161 501,668	12,873	12,404							
32	55	94 663	11 705,955	148 956,320	12,725	12,256							
33	56	94 252	10 918,159	137 250,364	12,571	12,102							
34	57	93 826	10 181,591	126 332,205	12,408	11,939							
35	58	93 363	9 490,761	116 150,614	12,238	11,769							
36	59	92 857	8 842,444	106 659,853	12,062	11,593							
37	60	92 329	8 236,219	97 817,409	11,876	11,407							
38	61	91 734	7 665,662	89 581,189	11,686	11,217							
39	62	91 114	7 132,434	81 915,527	11,485	11,016							
40	63	90 436	6 631,719	74 783,093	11,277	10,807							
41	64	89 710	6 162,541	68 151,374	11,059	10,590							
42	65	88 933	5 722,819	61 988,833	10,832	10,363							
43	66	88 102	5 310,869	56 266,015	10,595	10,125							
44	67	87 210	4 924,670	50 955,146	10,347	9,878							
45	68	86 239	4 561,935	46 030,475	10,090	9,621							
46	69	85 188	4 221,416	41 468,540	9,823	9,354							
47	70	84 022	3 900,344	37 247,123	9,550	9,081							
48	71	82 761	3 598,895	33 346,780	9,266	8,797							
49	72	81 369	3 314,600	29 747,884	8,975	8,506							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 509 194,478	15,191	14,722	50	74	78 414	2 992,266	25 166,450	8,410	7,941
1	25	98 922	92 666,870	1 409 846,556	15,214	14,745	51	75	76 570	2 737,150	22 174,184	8,101	7,632
2	26	98 865	86 757,138	1 317 179,685	15,182	14,713	52	76	74 505	2 494,909	19 437,034	7,791	7,322
3	27	98 819	81 233,972	1 230 422,548	15,147	14,678	53	77	72 234	2 265,929	16 942,126	7,477	7,008
4	28	98 779	76 066,267	1 149 188,576	15,108	14,639	54	78	69 740	2 049,364	14 676,197	7,161	6,692
5	29	98 739	71 227,684	1 073 122,308	15,066	14,597	55	79	66 989	1 844,038	12 626,833	6,847	6,378
6	30	98 700	66 697,601	1 001 894,624	15,021	14,552	56	80	64 029	1 651,100	10 782,795	6,531	6,062
7	31	98 663	62 456,456	935 197,023	14,974	14,504	57	81	60 795	1 468,591	9 131,694	6,218	5,749
8	32	98 621	58 482,487	872 740,567	14,923	14,454	58	82	57 326	1 297,222	7 663,103	5,907	5,438
9	33	98 577	54 760,292	814 258,080	14,869	14,400	59	83	53 588	1 135,956	6 365,881	5,604	5,135
10	34	98 533	51 274,736	759 497,788	14,812	14,343	60	84	49 626	985,454	5 229,925	5,307	4,838
11	35	98 484	48 008,754	708 223,051	14,752	14,283	61	85	45 467	845,778	4 244,471	5,018	4,549
12	36	98 433	44 949,535	660 214,297	14,688	14,219	62	86	41 121	716,571	3 398,693	4,743	4,274
13	37	98 377	42 083,257	615 264,762	14,620	14,151	63	87	36 690	598,930	2 682,121	4,478	4,009
14	38	98 316	39 398,041	573 181,505	14,548	14,079	64	88	32 057	490,203	2 083,191	4,250	3,781
15	39	98 242	36 878,988	533 783,464	14,474	14,005	65	89	27 632	395,821	1 592,989	4,025	3,555
16	40	98 153	34 515,870	496 904,476	14,396	13,927	66	90	23 399	313,996	1 197,167	3,813	3,344
17	41	98 054	32 300,740	462 388,605	14,315	13,846	67	91	19 599	246,374	883,171	3,585	3,116
18	42	97 939	30 222,838	430 087,865	14,231	13,761	68	92	15 914	187,394	636,797	3,398	2,929
19	43	97 792	28 269,291	399 865,027	14,145	13,676	69	93	12 653	139,572	449,403	3,220	2,751
20	44	97 636	26 439,393	371 595,736	14,055	13,585	70	94	9 818	101,456	309,831	3,054	2,585
21	45	97 467	24 724,795	345 156,343	13,960	13,491	71	95	7 426	71,882	208,375	2,899	2,430
22	46	97 280	23 117,029	320 431,548	13,861	13,392	72	96	5 466	49,562	136,493	2,754	2,285
23	47	97 075	21 609,546	297 314,519	13,758	13,289	73	97	3 906	33,178	86,930	2,620	2,151
24	48	96 853	20 196,874	275 704,973	13,651	13,182	74	98	2 707	21,541	53,753	2,495	2,026
25	49	96 618	18 873,851	255 508,099	13,538	13,069	75	99	1 815	13,532	32,212	2,380	1,911
26	50	96 359	17 632,977	236 634,248	13,420	12,951	76	100	1 177	8,218	18,679	2,273	1,804
27	51	96 075	16 469,353	219 001,271	13,298	12,828							
28	52	95 775	15 379,797	202 531,918	13,169	12,700							
29	53	95 450	14 358,481	187 152,120	13,034	12,565							
30	54	95 099	13 401,062	172 793,639	12,894	12,425							
31	55	94 733	12 505,377	159 392,578	12,746	12,277							
32	56	94 322	11 663,843	146 887,201	12,593	12,124							
33	57	93 894	10 876,748	135 223,358	12,432	11,963							
34	58	93 439	10 139,579	124 346,610	12,263	11,794							
35	59	92 938	9 447,486	114 207,031	12,089	11,619							
36	60	92 414	8 800,192	104 759,545	11,904	11,435							
37	61	91 824	8 191,185	95 959,353	11,715	11,246							
38	62	91 212	7 622,080	87 768,168	11,515	11,046							
39	63	90 542	7 087,680	80 146,089	11,308	10,839							
40	64	89 833	6 587,494	73 058,409	11,090	10,621							
41	65	89 065	6 118,197	66 470,915	10,864	10,395							
42	66	88 244	5 678,510	60 352,718	10,628	10,159							
43	67	87 378	5 267,215	54 674,208	10,380	9,911							
44	68	86 423	4 880,252	49 406,993	10,124	9,655							
45	69	85 394	4 517,251	44 526,741	9,857	9,388							
46	70	84 254	4 175,117	40 009,491	9,583	9,114							
47	71	83 018	3 853,742	35 834,374	9,299	8,829							
48	72	81 657	3 550,875	31 980,632	9,006	8,537							
49	73	80 110	3 263,306	28 429,757	8,712	8,243							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 506 095,223	15,163	14,694	50	75	76 899	2 934,443	23 855,426	8,129	7,660
1	26	98 900	92 646,220	1 406 769,888	15,184	14,715	51	76	74 864	2 676,163	20 920,983	7,818	7,348
2	27	98 838	86 733,960	1 314 123,667	15,151	14,682	52	77	72 616	2 431,668	18 244,820	7,503	7,034
3	28	98 794	81 213,003	1 227 389,708	15,113	14,644	53	78	70 143	2 200,320	15 813,151	7,187	6,718
4	29	98 753	76 046,510	1 146 176,705	15,072	14,603	54	79	67 421	1 981,206	13 612,831	6,871	6,402
5	30	98 712	71 207,928	1 070 130,194	15,028	14,559	55	80	64 474	1 774,793	11 631,625	6,554	6,085
6	31	98 673	66 679,296	998 922,266	14,981	14,512	56	81	61 252	1 579,487	9 856,831	6,241	5,771
7	32	98 630	62 436,094	932 242,970	14,931	14,462	57	82	57 786	1 395,902	8 277,345	5,930	5,461
8	33	98 587	58 462,232	869 806,876	14,878	14,409	58	83	54 066	1 223,452	6 881,442	5,625	5,155
9	34	98 542	54 740,480	811 344,644	14,822	14,353	59	84	50 107	1 062,166	5 657,991	5,327	4,858
10	35	98 493	51 253,928	756 604,163	14,762	14,293	60	85	45 954	912,544	4 595,825	5,036	4,567
11	36	98 442	47 988,295	705 350,235	14,698	14,229	61	86	41 589	773,637	3 683,281	4,761	4,292
12	37	98 387	44 928,575	657 361,940	14,631	14,162	62	87	37 147	647,316	2 909,643	4,495	4,026
13	38	98 325	42 061,092	612 433,366	14,561	14,091	63	88	32 483	530,256	2 262,328	4,266	3,797
14	39	98 258	39 374,813	570 372,274	14,486	14,017	64	89	28 035	428,701	1 732,072	4,040	3,571
15	40	98 173	36 853,053	530 997,461	14,409	13,939	65	90	23 770	340,498	1 303,371	3,828	3,359
16	41	98 083	34 491,268	494 144,408	14,327	13,858	66	91	19 932	267,463	962,873	3,600	3,131
17	42	97 973	32 273,899	459 653,140	14,242	13,773	67	92	16 206	203,716	695,410	3,414	2,945
18	43	97 847	30 194,248	427 379,241	14,154	13,685	68	93	12 906	151,980	491,694	3,235	2,766
19	44	97 689	28 239,452	397 184,993	14,065	13,596	69	94	10 035	110,697	339,715	3,069	2,600
20	45	97 525	26 409,495	368 945,541	13,970	13,501	70	95	7 605	78,588	229,018	2,914	2,445
21	46	97 335	24 691,353	342 536,046	13,873	13,404	71	96	5 611	54,311	150,429	2,770	2,301
22	47	97 130	23 081,177	317 844,693	13,771	13,302	72	97	4 023	36,478	96,118	2,635	2,166
23	48	96 906	21 572,044	294 763,517	13,664	13,195	73	98	2 797	23,757	59,640	2,510	2,041
24	49	96 674	20 159,450	273 191,473	13,552	13,082	74	99	1 883	14,987	35,883	2,394	1,925
25	50	96 416	18 834,366	253 032,023	13,435	12,965	75	100	1 226	9,136	20,897	2,287	1,818
26	51	96 133	17 591,778	234 197,657	13,313	12,844							
27	52	95 835	16 428,332	216 605,879	13,185	12,716							
28	53	95 509	15 337,182	200 177,547	13,052	12,583							
29	54	95 160	14 314,843	184 840,364	12,912	12,443							
30	55	94 796	13 358,364	170 525,522	12,765	12,296							
31	56	94 392	12 460,388	157 167,158	12,613	12,144							
32	57	93 964	11 619,603	144 706,770	12,454	11,985							
33	58	93 507	10 831,868	133 087,167	12,287	11,818							
34	59	93 013	10 093,346	122 255,299	12,112	11,643							
35	60	92 494	9 402,343	112 161,953	11,929	11,460							
36	61	91 908	8 752,073	102 759,610	11,741	11,272							
37	62	91 302	8 144,614	94 007,536	11,542	11,073							
38	63	90 640	7 574,253	85 862,922	11,336	10,867							
39	64	89 939	7 040,414	78 288,670	11,120	10,651							
40	65	89 187	6 540,092	71 248,255	10,894	10,425							
41	66	88 375	6 070,827	64 708,164	10,659	10,190							
42	67	87 519	5 631,834	58 637,337	10,412	9,943							
43	68	86 589	5 219,707	53 005,503	10,155	9,686							
44	69	85 576	4 832,449	47 785,796	9,889	9,419							
45	70	84 458	4 467,707	42 953,347	9,614	9,145							
46	71	83 247	4 125,232	38 485,640	9,329	8,860							
47	72	81 910	3 802,321	34 360,408	9,037	8,568							
48	73	80 393	3 495,925	30 558,087	8,741	8,272							
49	74	78 721	3 206,736	27 062,162	8,439	7,970							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	3 556,418	43 309,173	12,178	11,709
1	0	99 594	93 296,308	1 446 493,253	15,504	15,035	51	50	92 606	3 310,367	39 752,755	12,009	11,539
2	1	99 240	87 086,365	1 353 196,945	15,539	15,069	52	51	91 946	3 078,948	36 442,387	11,836	11,367
3	2	99 192	81 540,839	1 266 110,580	15,527	15,058	53	52	91 234	2 861,944	33 363,440	11,658	11,188
4	3	99 162	76 361,015	1 184 569,741	15,513	15,044	54	53	90 460	2 658,210	30 501,496	11,474	11,005
5	4	99 133	71 512,004	1 108 208,725	15,497	15,028	55	54	89 607	2 466,650	27 843,286	11,288	10,819
6	5	99 110	66 974,389	1 036 696,721	15,479	15,010	56	55	88 705	2 287,428	25 376,636	11,094	10,625
7	6	99 090	62 727,186	969 722,332	15,459	14,990	57	56	87 728	2 119,176	23 089,208	10,895	10,426
8	7	99 073	58 750,436	906 995,147	15,438	14,969	58	57	86 699	1 961,896	20 970,032	10,689	10,220
9	8	99 055	55 025,648	848 244,711	15,415	14,946	59	58	85 578	1 814,074	19 008,136	10,478	10,009
10	9	99 040	51 538,649	793 219,063	15,391	14,922	60	59	84 370	1 675,384	17 194,061	10,263	9,794
11	10	99 025	48 272,383	741 680,414	15,364	14,895	61	60	83 076	1 545,385	15 518,677	10,042	9,573
12	11	99 008	45 211,991	693 408,031	15,337	14,868	62	61	81 693	1 423,566	13 973,292	9,816	9,347
13	12	98 989	42 345,361	648 196,040	15,307	14,838	63	62	80 230	1 309,668	12 549,726	9,582	9,113
14	13	98 973	39 661,272	605 850,679	15,276	14,806	64	63	78 680	1 203,145	11 240,058	9,342	8,873
15	14	98 947	37 143,635	566 189,406	15,243	14,774	65	64	77 032	1 103,461	10 036,913	9,096	8,627
16	15	98 915	34 783,718	529 045,771	15,210	14,740	66	65	75 285	1 010,253	8 933,452	8,843	8,374
17	16	98 872	32 570,201	494 262,053	15,175	14,706	67	66	73 457	923,392	7 923,199	8,581	8,111
18	17	98 823	30 495,406	461 691,851	15,140	14,671	68	67	71 540	842,428	6 999,807	8,309	7,840
19	18	98 750	28 546,238	431 196,445	15,105	14,636	69	68	69 501	766,673	6 157,379	8,031	7,562
20	19	98 675	26 720,786	402 650,208	15,069	14,600	70	69	67 333	695,787	5 390,706	7,748	7,279
21	20	98 595	25 010,848	375 929,422	15,031	14,562	71	70	65 024	629,436	4 694,919	7,459	6,990
22	21	98 518	23 411,213	350 918,574	14,989	14,520	72	71	62 587	567,540	4 065,484	7,163	6,694
23	22	98 442	21 913,801	327 507,361	14,945	14,476	73	72	59 955	509,299	3 497,944	6,868	6,399
24	23	98 365	20 512,130	305 593,560	14,898	14,429	74	73	57 135	454,654	2 988,645	6,573	6,104
25	24	98 286	19 199,672	285 081,429	14,848	14,379	75	74	54 118	403,416	2 533,991	6,281	5,812
26	25	98 205	17 970,895	265 881,757	14,795	14,326	76	75	50 964	355,884	2 130,575	5,987	5,518
27	26	98 123	16 820,532	247 910,862	14,739	14,269	77	76	47 628	311,558	1 774,691	5,696	5,227
28	27	98 035	15 742,759	231 090,330	14,679	14,210	78	77	44 114	270,323	1 463,133	5,413	4,943
29	28	97 949	14 734,372	215 347,571	14,615	14,146	79	78	40 454	232,217	1 192,810	5,137	4,667
30	29	97 861	13 790,228	200 613,199	14,547	14,078	80	79	36 739	197,558	960,593	4,862	4,393
31	30	97 768	12 906,084	186 822,972	14,476	14,006	81	80	32 958	166,022	763,035	4,596	4,127
32	31	97 669	12 077,731	173 916,888	14,400	13,931	82	81	29 168	137,640	597,013	4,337	3,868
33	32	97 564	11 301,901	161 839,157	14,320	13,851	83	82	25 442	112,464	459,373	4,085	3,616
34	33	97 460	10 575,908	150 537,255	14,234	13,765	84	83	21 828	90,389	346,909	3,838	3,369
35	34	97 346	9 895,588	139 961,347	14,144	13,675	85	84	18 364	71,234	256,520	3,601	3,132
36	35	97 222	9 258,090	130 065,759	14,049	13,580	86	85	15 087	54,823	185,286	3,380	2,911
37	36	97 092	8 661,080	120 807,670	13,948	13,479	87	86	12 066	41,074	130,463	3,176	2,707
38	37	96 951	8 101,631	112 146,590	13,842	13,373	88	87	9 354	29,827	89,389	2,997	2,528
39	38	96 796	7 577,185	104 044,959	13,731	13,262	89	88	7 032	21,006	59,563	2,836	2,366
40	39	96 625	7 085,554	96 467,774	13,615	13,146	90	89	5 139	14,381	38,557	2,681	2,212
41	40	96 425	6 623,810	89 382,220	13,494	13,025	91	90	3 670	9,620	24,177	2,513	2,044
42	41	96 213	6 191,341	82 758,410	13,367	12,898	92	91	2 519	6,186	14,556	2,353	1,884
43	42	95 978	5 785,687	76 567,069	13,234	12,765	93	92	1 630	3,750	8,370	2,232	1,763
44	43	95 703	5 404,307	70 781,382	13,097	12,628	94	93	1 013	2,182	4,620	2,117	1,648
45	44	95 399	5 046,477	65 377,075	12,955	12,486	95	94	600	1,211	2,438	2,013	1,544
46	45	95 061	4 710,650	60 330,598	12,807	12,338	96	95	338	0,640	1,227	1,918	1,449
47	46	94 671	4 394,680	55 619,948	12,656	12,187	97	96	181	0,321	0,587	1,832	1,362
48	47	94 232	4 097,697	51 225,268	12,501	12,032	98	97	92	0,152	0,267	1,753	1,284
49	48	93 736	3 818,398	47 127,571	12,342	11,873	99	98	44	0,068	0,115	1,682	1,212
							100	99	20	0,029	0,046	1,617	1,148

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	3 563,020	43 582,368	12,232	11,763
1							51	49	92 800	3 317,307	40 019,348	12,064	11,595
2	0	99 558	87 365,902	1 353 992,319	15,498	15,029	52	50	92 161	3 086,158	36 702,040	11,892	11,423
3	1	99 221	81 564,030	1 266 626,417	15,529	15,060	53	51	91 462	2 869,090	33 615,882	11,717	11,247
4	2	99 178	76 373,328	1 185 062,386	15,517	15,048	54	52	90 711	2 665,596	30 746,792	11,535	11,066
5	3	99 147	71 522,260	1 108 689,058	15,501	15,032	55	53	89 880	2 474,170	28 081,196	11,350	10,881
6	4	99 122	66 982,417	1 037 166,799	15,484	15,015	56	54	88 989	2 294,739	25 607,026	11,159	10,690
7	5	99 099	62 732,860	970 184,382	15,465	14,996	57	55	88 044	2 126,827	23 312,287	10,961	10,492
8	6	99 081	58 755,147	907 451,522	15,445	14,976	58	56	87 029	1 969,366	21 185,460	10,758	10,288
9	7	99 063	55 030,246	848 696,375	15,422	14,953	59	57	85 932	1 821,591	19 216,094	10,549	10,080
10	8	99 046	51 541,850	793 666,130	15,398	14,929	60	58	84 756	1 683,058	17 394,503	10,335	9,866
11	9	99 031	48 275,447	742 124,280	15,373	14,904	61	59	83 475	1 552,805	15 711,445	10,118	9,649
12	10	99 016	45 215,634	693 848,832	15,345	14,876	62	60	82 142	1 431,393	14 158,640	9,892	9,422
13	11	98 997	42 348,725	648 633,198	15,316	14,847	63	61	80 689	1 317,157	12 727,248	9,663	9,194
14	12	98 981	39 664,313	606 284,474	15,285	14,816	64	62	79 176	1 210,742	11 410,091	9,424	8,955
15	13	98 957	37 147,290	566 620,161	15,253	14,784	65	63	77 549	1 110,869	10 199,349	9,181	8,712
16	14	98 927	34 788,025	529 472,871	15,220	14,751	66	64	75 831	1 017,576	9 088,480	8,932	8,462
17	15	98 886	32 574,617	494 684,846	15,186	14,717	67	65	74 030	930,597	8 070,904	8,673	8,204
18	16	98 839	30 500,309	462 110,229	15,151	14,682	68	66	72 133	849,410	7 140,307	8,406	7,937
19	17	98 768	28 551,250	431 609,920	15,117	14,648	69	67	70 134	773,651	6 290,897	8,131	7,662
20	18	98 697	26 726,624	403 058,670	15,081	14,612	70	68	67 999	702,669	5 517,246	7,852	7,383
21	19	98 616	25 016,228	376 332,046	15,044	14,574	71	69	65 745	636,416	4 814,577	7,565	7,096
22	20	98 539	23 416,153	351 315,819	15,003	14,534	72	70	63 344	574,403	4 178,161	7,274	6,805
23	21	98 463	21 918,539	327 899,665	14,960	14,491	73	71	60 766	516,187	3 603,758	6,982	6,512
24	22	98 387	20 516,845	305 981,126	14,914	14,445	74	72	58 033	461,801	3 087,572	6,686	6,217
25	23	98 308	19 204,040	285 464,281	14,865	14,396	75	73	55 073	410,532	2 625,771	6,396	5,927
26	24	98 228	17 974,982	266 260,241	14,813	14,344	76	74	51 969	362,897	2 215,239	6,104	5,635
27	25	98 145	16 824,281	248 285,259	14,758	14,288	77	75	48 714	318,658	1 852,342	5,813	5,344
28	26	98 061	15 746,966	231 460,978	14,699	14,230	78	76	45 261	277,353	1 533,684	5,530	5,061
29	27	97 974	14 738,176	215 714,012	14,636	14,167	79	77	41 660	239,141	1 256,331	5,254	4,784
30	28	97 886	13 793,810	200 975,836	14,570	14,101	80	78	38 003	204,355	1 017,190	4,978	4,508
31	29	97 796	12 909,664	187 182,026	14,499	14,030	81	79	34 244	172,499	812,835	4,712	4,243
32	30	97 696	12 081,047	174 272,361	14,425	13,956	82	80	30 491	143,881	640,336	4,450	3,981
33	31	97 596	11 305,587	162 191,315	14,346	13,877	83	81	26 767	118,320	496,455	4,196	3,727
34	32	97 494	10 579,572	150 885,727	14,262	13,793	84	82	23 144	95,840	378,135	3,946	3,476
35	33	97 381	9 899,169	140 306,155	14,174	13,704	85	83	19 639	76,183	282,296	3,706	3,236
36	34	97 262	9 261,848	130 406,986	14,080	13,611	86	84	16 292	59,203	206,113	3,481	3,012
37	35	97 133	8 664,772	121 145,137	13,981	13,512	87	85	13 191	44,904	146,910	3,272	2,803
38	36	96 996	8 105,410	112 480,365	13,877	13,408	88	86	10 354	33,018	102,006	3,089	2,620
39	37	96 847	7 581,178	104 374,955	13,768	13,299	89	87	7 943	23,726	68,988	2,908	2,439
40	38	96 682	7 089,734	96 793,776	13,653	13,184	90	88	5 876	16,444	45,262	2,753	2,283
41	39	96 493	6 628,472	89 704,043	13,533	13,064	91	89	4 266	11,184	28,818	2,577	2,108
42	40	96 282	6 195,758	83 075,571	13,408	12,939	92	90	2 957	7,262	17,635	2,428	1,959
43	41	96 058	5 790,498	76 879,813	13,277	12,808	93	91	1 972	4,536	10,373	2,287	1,818
44	42	95 794	5 409,424	71 089,315	13,142	12,673	94	92	1 249	2,690	5,837	2,170	1,700
45	43	95 500	5 051,809	65 679,891	13,001	12,532	95	93	756	1,527	3,147	2,061	1,592
46	44	95 169	4 715,983	60 628,082	12,856	12,387	96	94	437	0,826	1,620	1,962	1,492
47	45	94 799	4 400,632	55 912,098	12,705	12,236	97	95	240	0,424	0,794	1,871	1,402
48	46	94 378	4 104,062	51 511,466	12,551	12,082	98	96	125	0,207	0,370	1,789	1,320
49	47	93 899	3 825,036	47 407,404	12,394	11,925	99	97	61	0,095	0,163	1,715	1,245
							100	98	28	0,041	0,068	1,647	1,178

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	3 569,214	43 834,254	12,281	11,812
1							51	48	92 972	3 323,465	40 265,040	12,115	11,646
2							52	49	92 354	3 092,628	36 941,574	11,945	11,476
3	0	99 539	81 825,842	1 267 361,019	15,489	15,019	53	50	91 676	2 875,809	33 848,946	11,770	11,301
4	1	99 206	76 395,049	1 185 535,178	15,518	15,049	54	51	90 938	2 672,252	30 973,137	11,591	11,122
5	2	99 163	71 533,792	1 109 140,128	15,505	15,036	55	52	90 130	2 481,044	28 300,884	11,407	10,938
6	3	99 136	66 992,022	1 037 606,336	15,489	15,019	56	53	89 260	2 301,734	25 819,840	11,218	10,748
7	4	99 111	62 740,380	970 614,314	15,470	15,001	57	54	88 326	2 133,625	23 518,106	11,023	10,553
8	5	99 090	58 760,462	907 873,934	15,450	14,981	58	55	87 343	1 976,476	21 384,480	10,819	10,350
9	6	99 071	55 034,658	849 113,472	15,429	14,960	59	56	86 259	1 828,526	19 408,004	10,614	10,145
10	7	99 055	51 546,156	794 078,814	15,405	14,936	60	57	85 107	1 690,031	17 579,478	10,402	9,933
11	8	99 038	48 278,446	742 532,658	15,380	14,911	61	58	83 858	1 559,918	15 889,447	10,186	9,717
12	9	99 022	45 218,505	694 254,212	15,353	14,884	62	59	82 537	1 438,265	14 329,529	9,963	9,494
13	10	99 005	42 352,137	649 035,707	15,325	14,856	63	60	81 133	1 324,398	12 891,263	9,734	9,265
14	11	98 989	39 667,463	606 683,571	15,294	14,825	64	61	79 629	1 217,665	11 566,865	9,499	9,030
15	12	98 964	37 150,137	567 016,107	15,263	14,794	65	62	78 039	1 117,883	10 349,200	9,258	8,789
16	13	98 937	34 791,447	529 865,970	15,230	14,761	66	63	76 340	1 024,407	9 231,316	9,011	8,542
17	14	98 898	32 578,650	495 074,523	15,196	14,727	67	64	74 567	937,342	8 206,909	8,756	8,286
18	15	98 852	30 504,445	462 495,873	15,162	14,692	68	65	72 696	856,038	7 269,567	8,492	8,023
19	16	98 784	28 555,840	431 991,428	15,128	14,659	69	66	70 715	780,063	6 413,530	8,222	7,753
20	17	98 714	26 731,316	403 435,588	15,092	14,623	70	67	68 618	709,065	5 633,467	7,945	7,476
21	18	98 638	25 021,693	376 704,271	15,055	14,586	71	68	66 395	642,711	4 924,402	7,662	7,193
22	19	98 560	23 421,190	351 682,578	15,016	14,546	72	69	64 046	580,773	4 281,691	7,372	6,903
23	20	98 484	21 923,164	328 261,388	14,973	14,504	73	70	61 501	522,429	3 700,918	7,084	6,615
24	21	98 409	20 521,281	306 338,223	14,928	14,459	74	71	58 818	468,046	3 178,490	6,791	6,322
25	22	98 331	19 208,454	285 816,943	14,880	14,411	75	72	55 939	416,985	2 710,444	6,500	6,031
26	23	98 250	17 979,072	266 608,488	14,829	14,360	76	73	52 886	369,299	2 293,459	6,210	5,741
27	24	98 168	16 828,107	248 629,417	14,775	14,306	77	74	49 674	324,937	1 924,160	5,922	5,453
28	25	98 083	15 750,476	231 801,310	14,717	14,248	78	75	46 293	283,673	1 599,223	5,638	5,168
29	26	98 001	14 742,115	216 050,834	14,655	14,186	79	76	42 743	245,360	1 315,549	5,362	4,893
30	27	97 911	13 797,372	201 308,719	14,590	14,121	80	77	39 136	210,448	1 070,189	5,085	4,616
31	28	97 821	12 913,018	187 511,348	14,521	14,052	81	78	35 422	178,434	859,741	4,818	4,349
32	29	97 723	12 084,398	174 598,329	14,448	13,979	82	79	31 680	149,494	681,307	4,557	4,088
33	30	97 623	11 308,691	162 513,931	14,371	13,902	83	80	27 980	123,685	531,813	4,300	3,831
34	31	97 525	10 583,023	151 205,240	14,288	13,818	84	81	24 350	100,830	408,128	4,048	3,579
35	32	97 415	9 902,599	140 622,217	14,201	13,731	85	82	20 824	80,776	307,298	3,804	3,335
36	33	97 297	9 265,200	130 719,618	14,109	13,640	86	83	17 424	63,316	226,522	3,578	3,109
37	34	97 173	8 668,290	121 454,418	14,011	13,542	87	84	14 245	48,492	163,206	3,366	2,897
38	35	97 038	8 108,866	112 786,128	13,909	13,440	88	85	11 320	36,097	114,714	3,178	2,709
39	36	96 892	7 584,715	104 677,262	13,801	13,332	89	86	8 792	26,264	78,617	2,993	2,524
40	37	96 733	7 093,470	97 092,547	13,688	13,218	90	87	6 637	18,573	52,353	2,819	2,350
41	38	96 550	6 632,382	89 999,077	13,570	13,101	91	88	4 878	12,788	33,780	2,642	2,172
42	39	96 350	6 200,118	83 366,695	13,446	12,977	92	89	3 438	8,442	20,992	2,487	2,018
43	40	96 127	5 794,629	77 166,577	13,317	12,848	93	90	2 315	5,325	12,550	2,357	1,888
44	41	95 874	5 413,923	71 371,948	13,183	12,714	94	91	1 510	3,254	7,225	2,220	1,751
45	42	95 590	5 056,592	65 958,025	13,044	12,575	95	92	933	1,883	3,971	2,109	1,640
46	43	95 269	4 720,966	60 901,433	12,900	12,431	96	93	551	1,041	2,088	2,006	1,537
47	44	94 907	4 405,614	56 180,467	12,752	12,283	97	94	309	0,548	1,047	1,912	1,443
48	45	94 506	4 109,620	51 774,852	12,598	12,129	98	95	165	0,273	0,499	1,826	1,357
49	46	94 045	3 830,978	47 665,232	12,442	11,973	99	96	83	0,129	0,226	1,748	1,279
							100	97	40	0,058	0,097	1,677	1,208

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	3 574,759	44 066,168	12,327	11,858
1							51	47	93 134	3 329,243	40 491,410	12,162	11,693
2							52	48	92 526	3 098,369	37 162,167	11,994	11,525
3							53	49	91 869	2 881,838	34 063,797	11,820	11,351
4	0	99 524	76 640,269	1 186 213,525	15,478	15,009	54	50	91 150	2 678,510	31 181,959	11,642	11,172
5	1	99 191	71 554,137	1 109 573,256	15,507	15,038	55	51	90 355	2 487,239	28 503,448	11,460	10,991
6	2	99 152	67 002,824	1 038 019,119	15,492	15,023	56	52	89 508	2 308,130	26 016,209	11,272	10,802
7	3	99 125	62 749,377	971 016,295	15,475	15,005	57	53	88 595	2 140,130	23 708,079	11,078	10,609
8	4	99 102	58 767,505	908 266,918	15,455	14,986	58	54	87 622	1 982,794	21 567,950	10,878	10,408
9	5	99 080	55 039,637	849 499,413	15,434	14,965	59	55	86 571	1 835,128	19 585,156	10,672	10,203
10	6	99 063	51 550,289	794 459,776	15,411	14,942	60	56	85 432	1 696,466	17 750,028	10,463	9,994
11	7	99 046	48 282,480	742 909,486	15,387	14,918	61	57	84 205	1 566,381	16 053,562	10,249	9,780
12	8	99 028	45 221,313	694 627,006	15,361	14,891	62	58	82 915	1 444,853	14 487,181	10,027	9,558
13	9	99 011	42 354,825	649 405,693	15,333	14,863	63	59	81 522	1 330,757	13 042,327	9,801	9,332
14	10	98 996	39 670,659	607 050,868	15,302	14,833	64	60	80 067	1 224,360	11 711,570	9,565	9,096
15	11	98 972	37 153,088	567 380,208	15,271	14,802	65	61	78 485	1 124,275	10 487,210	9,328	8,859
16	12	98 945	34 794,114	530 227,120	15,239	14,770	66	62	76 822	1 030,876	9 362,935	9,083	8,613
17	13	98 908	32 581,855	495 433,006	15,206	14,737	67	63	75 068	943,635	8 332,059	8,830	8,361
18	14	98 864	30 508,221	462 851,151	15,171	14,702	68	64	73 223	862,242	7 388,425	8,569	8,100
19	15	98 797	28 559,712	432 342,929	15,138	14,669	69	65	71 267	786,150	6 526,182	8,301	7,832
20	16	98 730	26 735,614	403 783,218	15,103	14,634	70	66	69 187	714,942	5 740,033	8,029	7,560
21	17	98 655	25 026,086	377 047,603	15,066	14,597	71	67	66 999	648,561	5 025,091	7,748	7,279
22	18	98 582	23 426,307	352 021,517	15,027	14,558	72	68	64 680	586,518	4 376,530	7,462	6,993
23	19	98 505	21 927,880	328 595,209	14,985	14,516	73	69	62 183	528,222	3 790,013	7,175	6,706
24	20	98 430	20 525,611	306 667,329	14,941	14,472	74	70	59 529	473,706	3 261,791	6,886	6,417
25	21	98 352	19 212,607	286 141,718	14,893	14,424	75	71	56 695	422,624	2 788,085	6,597	6,128
26	22	98 273	17 983,204	266 929,111	14,843	14,374	76	72	53 717	375,103	2 365,461	6,306	5,837
27	23	98 190	16 831,936	248 945,907	14,790	14,321	77	73	50 550	330,669	1 990,357	6,019	5,550
28	24	98 105	15 754,057	232 113,971	14,734	14,264	78	74	47 205	289,263	1 659,688	5,738	5,269
29	25	98 022	14 745,401	216 359,914	14,673	14,204	79	75	43 717	250,952	1 370,425	5,461	4,992
30	26	97 937	13 801,059	201 614,513	14,609	14,139	80	76	40 154	215,921	1 119,473	5,185	4,716
31	27	97 846	12 916,352	187 813,454	14,541	14,072	81	77	36 478	183,754	903,552	4,917	4,448
32	28	97 749	12 087,538	174 897,102	14,469	14,000	82	78	32 770	154,637	719,797	4,655	4,186
33	29	97 650	11 311,828	162 809,564	14,393	13,924	83	79	29 072	128,510	565,160	4,398	3,929
34	30	97 552	10 585,928	151 497,736	14,311	13,842	84	80	25 454	105,402	436,650	4,143	3,674
35	31	97 447	9 905,828	140 911,808	14,225	13,756	85	81	21 908	84,983	331,248	3,898	3,429
36	32	97 331	9 268,410	131 005,979	14,135	13,666	86	82	18 475	67,133	246,265	3,668	3,199
37	33	97 208	8 671,427	121 737,569	14,039	13,570	87	83	15 235	51,861	179,132	3,454	2,985
38	34	97 077	8 112,158	113 066,142	13,938	13,469	88	84	12 224	38,981	127,271	3,265	2,796
39	35	96 933	7 587,949	104 953,984	13,832	13,363	89	85	9 612	28,714	88,290	3,075	2,606
40	36	96 778	7 096,779	97 366,035	13,720	13,251	90	86	7 348	20,560	59,577	2,898	2,429
41	37	96 601	6 635,877	90 269,255	13,603	13,134	91	87	5 510	14,444	39,016	2,701	2,232
42	38	96 407	6 203,775	83 633,378	13,481	13,012	92	88	3 931	9,653	24,572	2,546	2,076
43	39	96 194	5 798,707	77 429,603	13,353	12,884	93	89	2 691	6,190	14,920	2,410	1,941
44	40	95 942	5 417,785	71 630,896	13,221	12,752	94	90	1 773	3,820	8,729	2,285	1,816
45	41	95 670	5 060,798	66 213,111	13,084	12,614	95	91	1 128	2,277	4,910	2,156	1,687
46	42	95 360	4 725,436	61 152,314	12,941	12,472	96	92	679	1,284	2,632	2,050	1,581
47	43	95 007	4 410,270	56 426,877	12,794	12,325	97	93	390	0,691	1,349	1,953	1,483
48	44	94 613	4 114,273	52 016,608	12,643	12,174	98	94	213	0,353	0,658	1,863	1,394
49	45	94 172	3 836,166	47 902,335	12,487	12,018	99	95	110	0,171	0,305	1,782	1,313
							100	96	54	0,078	0,134	1,708	1,239

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	3 579,600	44 279,305	12,370	11,901
1							51	46	93 279	3 334,414	40 699,705	12,206	11,737
2							52	47	92 687	3 103,756	37 365,290	12,039	11,570
3							53	48	92 039	2 887,188	34 261,535	11,867	11,398
4							54	49	91 342	2 684,126	31 374,346	11,689	11,220
5	0	99 510	71 783,818	1 110 199,562	15,466	14,997	55	50	90 566	2 493,064	28 690,221	11,508	11,039
6	1	99 180	67 021,881	1 038 415,744	15,494	15,025	56	51	89 731	2 313,893	26 197,156	11,322	10,853
7	2	99 141	62 759,495	971 393,863	15,478	15,009	57	52	88 841	2 146,076	23 883,263	11,129	10,660
8	3	99 116	58 775,933	908 634,368	15,459	14,990	58	53	87 889	1 988,838	21 737,187	10,930	10,460
9	4	99 092	55 046,234	849 858,436	15,439	14,970	59	54	86 848	1 840,994	19 748,349	10,727	10,258
10	5	99 072	51 554,953	794 812,201	15,417	14,948	60	55	85 740	1 702,591	17 907,355	10,518	10,049
11	6	99 054	48 286,351	743 257,248	15,393	14,924	61	56	84 526	1 572,345	16 204,764	10,306	9,837
12	7	99 036	45 225,092	694 970,897	15,367	14,898	62	57	83 258	1 450,840	14 632,419	10,085	9,616
13	8	99 018	42 357,456	649 745,805	15,340	14,870	63	58	81 896	1 336,853	13 181,579	9,860	9,391
14	9	99 003	39 673,178	607 388,349	15,310	14,841	64	59	80 451	1 230,238	11 844,726	9,628	9,159
15	10	98 980	37 156,081	567 715,171	15,279	14,810	65	60	78 916	1 130,457	10 614,488	9,390	8,920
16	11	98 952	34 796,878	530 559,090	15,247	14,778	66	61	77 261	1 036,770	9 484,031	9,148	8,679
17	12	98 915	32 584,353	495 762,212	15,215	14,746	67	62	75 542	949,593	8 447,261	8,896	8,427
18	13	98 874	30 511,223	463 177,859	15,181	14,711	68	63	73 714	868,031	7 497,668	8,638	8,168
19	14	98 809	28 563,248	432 666,636	15,148	14,679	69	64	71 784	791,848	6 629,637	8,372	7,903
20	15	98 743	26 739,239	404 103,388	15,113	14,644	70	65	69 727	720,520	5 837,790	8,102	7,633
21	16	98 671	25 030,110	377 364,149	15,076	14,607	71	66	67 555	653,936	5 117,270	7,825	7,356
22	17	98 599	23 430,420	352 334,039	15,037	14,568	72	67	65 268	591,856	4 463,334	7,541	7,072
23	18	98 526	21 932,671	328 903,619	14,996	14,527	73	68	62 798	533,447	3 871,478	7,257	6,788
24	19	98 451	20 530,027	306 970,947	14,952	14,483	74	69	60 190	478,959	3 338,030	6,969	6,500
25	20	98 373	19 216,662	286 440,921	14,906	14,437	75	70	57 381	427,735	2 859,072	6,684	6,215
26	21	98 294	17 987,092	267 224,259	14,856	14,387	76	71	54 443	380,176	2 431,337	6,395	5,926
27	22	98 212	16 835,804	249 237,168	14,804	14,335	77	72	51 345	335,867	2 051,160	6,107	5,638
28	23	98 128	15 757,641	232 401,363	14,748	14,279	78	73	48 038	294,366	1 715,293	5,827	5,358
29	24	98 045	14 748,754	216 643,722	14,689	14,220	79	74	44 579	255,897	1 420,927	5,553	5,084
30	25	97 959	13 804,135	201 894,968	14,626	14,157	80	75	41 069	220,842	1 165,030	5,275	4,806
31	26	97 872	12 919,804	188 090,833	14,558	14,089	81	76	37 427	188,533	944,189	5,008	4,539
32	27	97 774	12 090,659	175 171,029	14,488	14,019	82	77	33 747	159,248	755,656	4,745	4,276
33	28	97 676	11 314,767	163 080,370	14,413	13,944	83	78	30 072	132,931	596,407	4,487	4,017
34	29	97 579	10 588,865	151 765,603	14,333	13,863	84	79	26 447	109,514	463,476	4,232	3,763
35	30	97 473	9 908,548	141 176,738	14,248	13,779	85	80	22 901	88,836	353,962	3,984	3,515
36	31	97 362	9 271,433	131 268,190	14,158	13,689	86	81	19 437	70,629	265,126	3,754	3,285
37	32	97 242	8 674,432	121 996,757	14,064	13,595	87	82	16 154	54,988	194,497	3,537	3,068
38	33	97 112	8 115,094	113 322,325	13,964	13,495	88	83	13 074	41,689	139,509	3,346	2,877
39	34	96 972	7 591,030	105 207,231	13,859	13,390	89	84	10 380	31,008	97,820	3,155	2,686
40	35	96 819	7 099,805	97 616,202	13,749	13,280	90	85	8 033	22,478	66,813	2,972	2,503
41	36	96 646	6 638,973	90 516,397	13,634	13,165	91	86	6 100	15,989	44,335	2,773	2,304
42	37	96 457	6 207,045	83 877,424	13,513	13,044	92	87	4 440	10,903	28,346	2,600	2,131
43	38	96 251	5 802,128	77 670,379	13,387	12,917	93	88	3 077	7,078	17,443	2,464	1,995
44	39	96 009	5 421,598	71 868,252	13,256	12,787	94	89	2 061	4,441	10,365	2,334	1,865
45	40	95 738	5 064,408	66 446,654	13,120	12,651	95	90	1 324	2,673	5,924	2,216	1,747
46	41	95 439	4 729,366	61 382,246	12,979	12,510	96	91	821	1,553	3,251	2,094	1,624
47	42	95 097	4 414,445	56 652,880	12,834	12,364	97	92	481	0,852	1,698	1,994	1,525
48	43	94 713	4 118,620	52 238,435	12,683	12,214	98	93	268	0,445	0,846	1,901	1,432
49	44	94 279	3 840,509	48 119,814	12,530	12,060	99	94	142	0,221	0,401	1,817	1,348
							100	95	71	0,104	0,180	1,740	1,271

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	3 583,653	44 474,687	12,410	11,941
1							51	45	93 405	3 338,931	40 891,034	12,247	11,778
2							52	46	92 831	3 108,577	37 552,104	12,080	11,611
3							53	47	92 199	2 892,207	34 443,527	11,909	11,440
4							54	48	91 511	2 689,109	31 551,319	11,733	11,264
5							55	49	90 756	2 498,291	28 862,211	11,553	11,084
6	0	99 498	67 237,013	1 038 993,946	15,453	14,984	56	50	89 942	2 319,312	26 363,920	11,367	10,898
7	1	99 170	62 777,344	971 756,933	15,479	15,010	57	51	89 063	2 151,435	24 044,608	11,176	10,707
8	2	99 132	58 785,410	908 979,588	15,463	14,994	58	52	88 134	1 994,364	21 893,173	10,978	10,508
9	3	99 106	55 054,128	850 194,178	15,443	14,974	59	53	87 112	1 846,606	19 898,808	10,776	10,307
10	4	99 083	51 561,133	795 140,050	15,421	14,952	60	54	86 014	1 708,033	18 052,202	10,569	10,100
11	5	99 063	48 290,720	743 578,917	15,398	14,929	61	55	84 831	1 578,022	16 344,169	10,357	9,888
12	6	99 044	45 228,718	695 288,198	15,373	14,904	62	56	83 575	1 456,364	14 766,147	10,139	9,670
13	7	99 026	42 360,995	650 059,480	15,346	14,877	63	57	82 235	1 342,392	13 309,784	9,915	9,446
14	8	99 009	39 675,642	607 698,484	15,317	14,848	64	58	80 820	1 235,874	11 967,392	9,683	9,214
15	9	98 986	37 158,440	568 022,842	15,287	14,817	65	59	79 295	1 135,884	10 731,518	9,448	8,979
16	10	98 960	34 799,681	530 864,402	15,255	14,786	66	60	77 686	1 042,470	9 595,634	9,205	8,736
17	11	98 923	32 586,941	496 064,721	15,223	14,754	67	61	75 973	955,023	8 553,164	8,956	8,487
18	12	98 881	30 513,562	463 477,780	15,189	14,720	68	62	74 180	873,512	7 598,141	8,698	8,229
19	13	98 819	28 566,058	432 964,218	15,157	14,687	69	63	72 266	797,163	6 724,629	8,436	7,967
20	14	98 755	26 742,550	404 398,160	15,122	14,653	70	64	70 232	725,742	5 927,466	8,167	7,698
21	15	98 684	25 033,504	377 655,610	15,086	14,617	71	65	68 082	659,039	5 201,723	7,893	7,424
22	16	98 615	23 434,188	352 622,106	15,047	14,578	72	66	65 809	596,761	4 542,684	7,612	7,143
23	17	98 544	21 936,522	329 187,919	15,006	14,537	73	67	63 370	538,303	3 945,923	7,330	6,861
24	18	98 472	20 534,512	307 251,397	14,963	14,494	74	68	60 785	483,697	3 407,621	7,045	6,576
25	19	98 394	19 220,795	286 716,885	14,917	14,448	75	69	58 017	432,478	2 923,924	6,761	6,292
26	20	98 314	17 990,888	267 496,090	14,868	14,399	76	70	55 102	384,773	2 491,446	6,475	6,006
27	21	98 234	16 839,444	249 505,202	14,817	14,348	77	71	52 039	340,409	2 106,672	6,189	5,720
28	22	98 150	15 761,263	232 665,758	14,762	14,293	78	72	48 793	298,993	1 766,263	5,907	5,438
29	23	98 067	14 752,109	216 904,495	14,703	14,234	79	73	45 365	260,411	1 467,270	5,634	5,165
30	24	97 982	13 807,274	202 152,385	14,641	14,172	80	74	41 878	225,193	1 206,859	5,359	4,890
31	25	97 894	12 922,684	188 345,111	14,575	14,106	81	75	38 280	192,830	981,666	5,091	4,622
32	26	97 800	12 093,890	175 422,427	14,505	14,036	82	76	34 625	163,390	788,836	4,828	4,359
33	27	97 701	11 317,689	163 328,537	14,431	13,962	83	77	30 969	136,895	625,446	4,569	4,100
34	28	97 605	10 591,616	152 010,849	14,352	13,883	84	78	27 357	113,282	488,551	4,313	3,844
35	29	97 500	9 911,297	141 419,233	14,268	13,799	85	79	23 795	92,302	375,269	4,066	3,597
36	30	97 389	9 273,978	131 507,936	14,180	13,711	86	80	20 318	73,832	282,968	3,833	3,363
37	31	97 273	8 677,261	122 233,958	14,087	13,618	87	81	16 995	57,851	209,136	3,615	3,146
38	32	97 146	8 117,906	113 556,697	13,988	13,519	88	82	13 862	44,202	151,285	3,423	2,953
39	33	97 007	7 593,777	105 438,792	13,885	13,416	89	83	11 101	33,162	107,083	3,229	2,760
40	34	96 859	7 102,687	97 845,015	13,776	13,307	90	84	8 674	24,274	73,921	3,045	2,576
41	35	96 687	6 641,803	90 742,328	13,662	13,193	91	85	6 669	17,480	49,647	2,840	2,371
42	36	96 502	6 209,940	84 100,524	13,543	13,074	92	86	4 915	12,069	32,167	2,665	2,196
43	37	96 302	5 805,185	77 890,584	13,417	12,948	93	87	3 476	7,995	20,097	2,514	2,045
44	38	96 066	5 424,796	72 085,399	13,288	12,819	94	88	2 356	5,078	12,102	2,383	1,914
45	39	95 805	5 067,972	66 660,603	13,153	12,684	95	89	1 540	3,108	7,025	2,260	1,791
46	40	95 507	4 732,740	61 592,631	13,014	12,545	96	90	964	1,823	3,917	2,149	1,680
47	41	95 176	4 418,117	56 859,891	12,870	12,401	97	91	581	1,030	2,094	2,033	1,564
48	42	94 803	4 122,520	52 441,774	12,721	12,252	98	92	331	0,549	1,064	1,939	1,470
49	43	94 379	3 844,567	48 319,254	12,568	12,099	99	93	179	0,278	0,516	1,852	1,383
							100	94	92	0,134	0,237	1,772	1,303

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	3 587,439	44 653,779	12,447	11,978
1							51	44	93 511	3 342,711	41 066,340	12,285	11,816
2							52	45	92 956	3 112,787	37 723,629	12,119	11,650
3							53	46	92 342	2 896,700	34 610,842	11,948	11,479
4							54	47	91 670	2 693,783	31 714,142	11,773	11,304
5							55	48	90 925	2 502,929	29 020,359	11,595	11,125
6							56	49	90 130	2 324,175	26 517,430	11,409	10,940
7	0	99 488	62 978,852	972 290,698	15,438	14,969	57	50	89 272	2 156,473	24 193,256	11,219	10,750
8	1	99 160	58 802,129	909 311,846	15,464	14,995	58	51	88 354	1 999,344	22 036,782	11,022	10,553
9	2	99 122	55 063,005	850 509,717	15,446	14,977	59	52	87 354	1 851,737	20 037,438	10,821	10,352
10	3	99 098	51 568,527	795 446,711	15,425	14,956	60	53	86 276	1 713,240	18 185,701	10,615	10,146
11	4	99 075	48 296,508	743 878,184	15,402	14,933	61	54	85 102	1 583,066	16 472,461	10,405	9,936
12	5	99 053	45 232,810	695 581,677	15,378	14,909	62	55	83 877	1 461,622	14 889,396	10,187	9,718
13	6	99 034	42 364,392	650 348,867	15,351	14,882	63	56	82 548	1 347,503	13 427,774	9,965	9,496
14	7	99 017	39 678,957	607 984,475	15,323	14,853	64	57	81 155	1 240,994	12 080,271	9,734	9,265
15	8	98 993	37 160,748	568 305,518	15,293	14,824	65	58	79 658	1 141,087	10 839,277	9,499	9,030
16	9	98 967	34 801,891	531 144,770	15,262	14,793	66	59	78 059	1 047,475	9 698,189	9,259	8,790
17	10	98 931	32 589,567	496 342,879	15,230	14,761	67	60	76 391	960,274	8 650,714	9,009	8,539
18	11	98 889	30 515,985	463 753,312	15,197	14,728	68	61	74 604	878,507	7 690,440	8,754	8,285
19	12	98 826	28 568,248	433 237,327	15,165	14,696	69	62	72 722	802,197	6 811,934	8,492	8,022
20	13	98 765	26 745,181	404 669,079	15,131	14,661	70	63	70 703	730,615	6 009,737	8,226	7,756
21	14	98 696	25 036,603	377 923,898	15,095	14,626	71	64	68 575	663,815	5 279,122	7,953	7,484
22	15	98 628	23 437,365	352 887,295	15,057	14,587	72	65	66 323	601,418	4 615,307	7,674	7,205
23	16	98 560	21 940,049	329 449,930	15,016	14,547	73	66	63 895	542,764	4 013,889	7,395	6,926
24	17	98 489	20 538,117	307 509,881	14,973	14,504	74	67	61 338	488,099	3 471,125	7,112	6,642
25	18	98 415	19 224,995	286 971,764	14,927	14,458	75	68	58 591	436,756	2 983,026	6,830	6,361
26	19	98 336	17 994,758	267 746,770	14,879	14,410	76	69	55 713	389,040	2 546,270	6,545	6,076
27	20	98 254	16 842,998	249 752,012	14,828	14,359	77	70	52 668	344,526	2 157,229	6,261	5,792
28	21	98 172	15 764,671	232 909,014	14,774	14,305	78	71	49 453	303,036	1 812,704	5,982	5,513
29	22	98 090	14 755,500	217 144,343	14,716	14,247	79	72	46 078	264,504	1 509,667	5,708	5,238
30	23	98 004	13 810,415	202 388,843	14,655	14,186	80	73	42 617	229,166	1 245,163	5,433	4,964
31	24	97 916	12 925,622	188 578,428	14,590	14,120	81	74	39 034	196,629	1 015,997	5,167	4,698
32	25	97 822	12 096,586	175 652,806	14,521	14,052	82	75	35 414	167,113	819,367	4,903	4,434
33	26	97 727	11 320,713	163 556,220	14,448	13,978	83	76	31 774	140,455	652,254	4,644	4,175
34	27	97 630	10 594,351	152 235,507	14,369	13,900	84	77	28 172	116,660	511,799	4,387	3,918
35	28	97 526	9 913,872	141 641,156	14,287	13,818	85	78	24 613	95,477	395,139	4,139	3,669
36	29	97 416	9 276,551	131 727,285	14,200	13,731	86	79	21 111	76,712	299,662	3,906	3,437
37	30	97 300	8 679,643	122 450,733	14,108	13,639	87	80	17 765	60,474	222,950	3,687	3,218
38	31	97 177	8 120,553	113 771,091	14,010	13,541	88	81	14 584	46,504	162,476	3,494	3,025
39	32	97 041	7 596,408	105 650,538	13,908	13,439	89	82	11 771	35,161	115,972	3,298	2,829
40	33	96 894	7 105,258	98 054,130	13,800	13,331	90	83	9 277	25,960	80,810	3,113	2,644
41	34	96 727	6 644,500	90 948,872	13,688	13,219	91	84	7 201	18,877	54,851	2,906	2,437
42	35	96 544	6 212,588	84 304,372	13,570	13,101	92	85	5 373	13,195	35,973	2,726	2,257
43	36	96 347	5 807,893	78 091,784	13,446	12,977	93	86	3 847	8,850	22,778	2,574	2,105
44	37	96 117	5 427,655	72 283,890	13,318	12,849	94	87	2 662	5,735	13,928	2,429	1,959
45	38	95 862	5 070,961	66 856,236	13,184	12,715	95	88	1 760	3,554	8,193	2,306	1,836
46	39	95 574	4 736,071	61 785,274	13,046	12,577	96	89	1 121	2,119	4,639	2,190	1,720
47	40	95 244	4 421,268	57 049,204	12,903	12,434	97	90	683	1,209	2,521	2,085	1,616
48	41	94 882	4 125,949	52 627,936	12,755	12,286	98	91	400	0,664	1,311	1,976	1,507
49	42	94 468	3 848,208	48 501,987	12,604	12,135	99	92	221	0,343	0,648	1,887	1,418
							100	93	116	0,169	0,304	1,804	1,335

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	3 590,836	44 817,808	12,481	12,012
1							51	43	93 609	3 346,243	41 226,972	12,320	11,851
2							52	44	93 062	3 116,311	37 880,729	12,156	11,687
3							53	45	92 468	2 900,623	34 764,418	11,985	11,516
4							54	46	91 813	2 697,968	31 863,795	11,810	11,341
5							55	47	91 083	2 507,280	29 165,827	11,632	11,163
6							56	48	90 297	2 328,489	26 658,547	11,449	10,980
7							57	49	89 459	2 160,994	24 330,058	11,259	10,790
8	0	99 478	58 990,877	909 804,586	15,423	14,954	58	50	88 561	2 004,027	22 169,064	11,062	10,593
9	1	99 150	55 078,666	850 813,708	15,447	14,978	59	51	87 572	1 856,361	20 165,037	10,863	10,394
10	2	99 114	51 576,842	795 735,042	15,428	14,959	60	52	86 516	1 718,000	18 308,677	10,657	10,188
11	3	99 089	48 303,434	744 158,200	15,406	14,937	61	53	85 361	1 587,892	16 590,676	10,448	9,979
12	4	99 065	45 238,231	695 854,766	15,382	14,913	62	54	84 145	1 466,294	15 002,785	10,232	9,763
13	5	99 043	42 368,225	650 616,535	15,356	14,887	63	55	82 846	1 352,368	13 536,491	10,009	9,540
14	6	99 025	39 682,139	608 248,310	15,328	14,859	64	56	81 464	1 245,719	12 184,123	9,781	9,312
15	7	99 001	37 163,853	568 566,172	15,299	14,830	65	57	79 988	1 145,815	10 938,404	9,546	9,077
16	8	98 973	34 804,052	531 402,319	15,268	14,799	66	58	78 417	1 052,273	9 792,589	9,306	8,837
17	9	98 937	32 591,636	496 598,266	15,237	14,768	67	59	76 758	964,884	8 740,315	9,058	8,589
18	10	98 897	30 518,444	464 006,631	15,204	14,735	68	60	75 014	883,337	7 775,431	8,802	8,333
19	11	98 834	28 570,517	433 488,187	15,173	14,703	69	61	73 138	806,784	6 892,095	8,543	8,074
20	12	98 773	26 747,231	404 917,670	15,139	14,670	70	62	71 150	735,228	6 085,311	8,277	7,808
21	13	98 706	25 039,066	378 170,439	15,103	14,634	71	63	69 036	668,272	5 350,083	8,006	7,537
22	14	98 641	23 440,267	353 131,372	15,065	14,596	72	64	66 804	605,777	4 681,811	7,729	7,259
23	15	98 573	21 943,024	329 691,106	15,025	14,556	73	65	64 394	546,999	4 076,034	7,452	6,982
24	16	98 505	20 541,420	307 748,082	14,982	14,513	74	66	61 847	492,144	3 529,035	7,171	6,702
25	17	98 433	19 228,370	287 206,663	14,937	14,467	75	67	59 124	440,732	3 036,891	6,891	6,421
26	18	98 357	17 998,689	267 978,293	14,889	14,420	76	68	56 264	392,889	2 596,159	6,608	6,139
27	19	98 276	16 846,621	249 979,604	14,839	14,369	77	69	53 252	348,346	2 203,270	6,325	5,856
28	20	98 192	15 767,998	233 132,983	14,785	14,316	78	70	50 051	306,701	1 854,924	6,048	5,579
29	21	98 111	14 758,690	217 364,985	14,728	14,259	79	71	46 701	268,082	1 548,223	5,775	5,306
30	22	98 026	13 813,590	202 606,295	14,667	14,198	80	72	43 287	232,768	1 280,142	5,500	5,031
31	23	97 939	12 928,563	188 792,706	14,603	14,134	81	73	39 723	200,098	1 047,374	5,234	4,765
32	24	97 844	12 099,336	175 864,142	14,535	14,066	82	74	36 112	170,406	847,276	4,972	4,503
33	25	97 749	11 323,236	163 764,806	14,463	13,994	83	75	32 498	143,656	676,869	4,712	4,243
34	26	97 656	10 597,182	152 441,570	14,385	13,916	84	76	28 905	119,693	533,213	4,455	3,986
35	27	97 551	9 916,432	141 844,388	14,304	13,835	85	77	25 347	98,324	413,520	4,206	3,737
36	28	97 441	9 278,961	131 927,956	14,218	13,749	86	78	21 837	79,351	315,196	3,972	3,503
37	29	97 327	8 682,051	122 648,995	14,127	13,658	87	79	18 459	62,834	235,844	3,753	3,284
38	30	97 204	8 122,782	113 966,945	14,031	13,561	88	80	15 245	48,613	173,011	3,559	3,090
39	31	97 073	7 598,885	105 844,162	13,929	13,460	89	81	12 384	36,992	124,398	3,363	2,894
40	32	96 927	7 107,720	98 245,277	13,822	13,353	90	82	9 836	27,525	87,406	3,175	2,706
41	33	96 762	6 646,905	91 137,557	13,711	13,242	91	83	7 702	20,189	59,881	2,966	2,497
42	34	96 583	6 215,110	84 490,653	13,594	13,125	92	84	5 803	14,249	39,692	2,786	2,316
43	35	96 388	5 810,370	78 275,542	13,472	13,003	93	85	4 206	9,675	25,443	2,630	2,161
44	36	96 162	5 430,187	72 465,173	13,345	12,876	94	86	2 946	6,349	15,768	2,484	2,014
45	37	95 912	5 073,634	67 034,986	13,212	12,743	95	87	1 988	4,014	9,419	2,347	1,877
46	38	95 631	4 738,864	61 961,352	13,075	12,606	96	88	1 281	2,423	5,405	2,231	1,762
47	39	95 311	4 424,380	57 222,488	12,933	12,464	97	89	793	1,406	2,982	2,122	1,652
48	40	94 949	4 128,892	52 798,108	12,787	12,318	98	90	470	0,779	1,576	2,023	1,554
49	41	94 547	3 851,408	48 669,216	12,637	12,168	99	91	267	0,415	0,797	1,920	1,451
							100	92	143	0,208	0,382	1,836	1,367



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	3 593,822	44 967,874	12,513	12,043
1							51	42	93 698	3 349,411	41 374,052	12,353	11,884
2							52	43	93 160	3 119,604	38 024,641	12,189	11,720
3							53	44	92 572	2 903,907	34 905,036	12,020	11,551
4							54	45	91 937	2 701,622	32 001,129	11,845	11,376
5							55	46	91 224	2 511,175	29 299,508	11,668	11,199
6							56	47	90 454	2 332,537	26 788,333	11,485	11,016
7							57	48	89 625	2 165,006	24 455,796	11,296	10,827
8							58	49	88 746	2 008,228	22 290,790	11,100	10,631
9	0	99 469	55 255,462	851 268,586	15,406	14,937	59	50	87 778	1 860,708	20 282,562	10,900	10,431
10	1	99 142	51 591,511	796 013,124	15,429	14,960	60	51	86 732	1 722,290	18 421,854	10,696	10,227
11	2	99 105	48 311,222	744 421,613	15,409	14,940	61	52	85 599	1 592,304	16 699,564	10,488	10,019
12	3	99 079	45 244,719	696 110,390	15,385	14,916	62	53	84 402	1 470,764	15 107,260	10,272	9,803
13	4	99 055	42 373,303	650 865,672	15,360	14,891	63	54	83 111	1 356,691	13 636,497	10,051	9,582
14	5	99 034	39 685,729	608 492,369	15,333	14,864	64	55	81 758	1 250,217	12 279,806	9,822	9,353
15	6	99 009	37 166,833	568 806,640	15,304	14,835	65	56	80 293	1 150,178	11 029,589	9,589	9,120
16	7	98 981	34 806,960	531 639,807	15,274	14,805	66	57	78 742	1 056,633	9 879,411	9,350	8,881
17	8	98 943	32 593,660	496 832,847	15,243	14,774	67	58	77 110	969,304	8 822,778	9,102	8,633
18	9	98 904	30 520,382	464 239,187	15,211	14,742	68	59	75 374	887,578	7 853,474	8,848	8,379
19	10	98 842	28 572,819	433 718,805	15,179	14,710	69	60	73 540	811,220	6 965,896	8,587	8,118
20	11	98 780	26 749,356	405 145,986	15,146	14,677	70	61	71 557	739,432	6 154,677	8,324	7,854
21	12	98 714	25 040,986	378 396,631	15,111	14,642	71	62	69 471	672,492	5 415,245	8,053	7,583
22	13	98 650	23 442,573	353 355,645	15,073	14,604	72	63	67 252	609,843	4 742,753	7,777	7,308
23	14	98 585	21 945,740	329 913,072	15,033	14,564	73	64	64 860	550,964	4 132,910	7,501	7,032
24	15	98 519	20 544,205	307 967,332	14,990	14,521	74	65	62 329	495,984	3 581,946	7,222	6,753
25	16	98 449	19 231,462	287 423,128	14,945	14,476	75	66	59 614	444,384	3 085,961	6,944	6,475
26	17	98 374	18 001,849	268 191,666	14,898	14,429	76	67	56 776	396,465	2 641,577	6,663	6,194
27	18	98 297	16 850,302	250 189,817	14,848	14,379	77	68	53 779	351,792	2 245,112	6,382	5,913
28	19	98 213	15 771,389	233 339,515	14,795	14,326	78	69	50 606	310,102	1 893,320	6,105	5,636
29	20	98 131	14 761,805	217 568,126	14,739	14,269	79	70	47 266	271,323	1 583,218	5,835	5,366
30	21	98 048	13 816,576	202 806,321	14,678	14,209	80	71	43 872	235,916	1 311,895	5,561	5,092
31	22	97 961	12 931,535	188 989,745	14,615	14,146	81	72	40 347	203,243	1 075,979	5,294	4,825
32	23	97 866	12 102,089	176 058,211	14,548	14,079	82	73	36 749	173,412	872,736	5,033	4,564
33	24	97 771	11 325,811	163 956,121	14,476	14,007	83	74	33 139	146,487	699,323	4,774	4,305
34	25	97 678	10 599,544	152 630,310	14,400	13,931	84	75	29 564	122,421	552,837	4,516	4,047
35	26	97 577	9 919,081	142 030,766	14,319	13,850	85	76	26 006	100,881	430,415	4,267	3,797
36	27	97 466	9 281,357	132 111,685	14,234	13,765	86	77	22 488	81,717	329,534	4,033	3,563
37	28	97 352	8 684,306	122 830,328	14,144	13,675	87	78	19 094	64,995	247,817	3,813	3,344
38	29	97 231	8 125,036	114 146,022	14,049	13,580	88	79	15 840	50,509	182,822	3,620	3,150
39	30	97 099	7 600,971	106 020,986	13,948	13,479	89	80	12 945	38,670	132,313	3,422	2,952
40	31	96 959	7 110,038	98 420,014	13,842	13,373	90	81	10 349	28,958	93,643	3,234	2,765
41	32	96 795	6 649,208	91 309,977	13,732	13,263	91	82	8 166	21,406	64,684	3,022	2,553
42	33	96 618	6 217,360	84 660,769	13,617	13,148	92	83	6 206	15,239	43,279	2,840	2,371
43	34	96 427	5 812,729	78 443,409	13,495	13,026	93	84	4 542	10,448	28,040	2,684	2,214
44	35	96 203	5 432,502	72 630,681	13,370	12,901	94	85	3 221	6,941	17,591	2,534	2,065
45	36	95 957	5 076,001	67 198,179	13,238	12,769	95	86	2 201	4,443	10,650	2,397	1,928
46	37	95 681	4 741,362	62 122,178	13,102	12,633	96	87	1 447	2,737	6,207	2,268	1,799
47	38	95 367	4 426,990	57 380,817	12,962	12,492	97	88	907	1,607	3,470	2,159	1,690
48	39	95 016	4 131,797	52 953,827	12,816	12,347	98	89	546	0,906	1,863	2,057	1,587
49	40	94 614	3 854,155	48 822,029	12,667	12,198	99	90	314	0,487	0,957	1,964	1,495
							100	91	173	0,252	0,470	1,867	1,398

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	3 596,386	45 104,965	12,542	12,073
1							51	41	93 776	3 352,197	41 508,579	12,383	11,913
2							52	42	93 248	3 122,558	38 156,383	12,220	11,750
3							53	43	92 670	2 906,975	35 033,825	12,052	11,583
4							54	44	92 041	2 704,680	32 126,849	11,878	11,409
5							55	45	91 348	2 514,576	29 422,169	11,701	11,232
6							56	46	90 595	2 336,160	26 907,593	11,518	11,049
7							57	47	89 781	2 168,770	24 571,433	11,330	10,861
8							58	48	88 911	2 011,956	22 402,663	11,135	10,666
9							59	49	87 962	1 864,609	20 390,707	10,936	10,467
10	0	99 460	51 757,114	796 433,074	15,388	14,919	60	50	86 935	1 726,324	18 526,098	10,732	10,262
11	1	99 133	48 324,963	744 675,960	15,410	14,941	61	51	85 812	1 596,280	16 799,775	10,524	10,055
12	2	99 095	45 252,014	696 350,998	15,388	14,919	62	52	84 636	1 474,850	15 203,495	10,309	9,839
13	3	99 069	42 379,380	651 098,983	15,364	14,894	63	53	83 364	1 360,826	13 728,645	10,088	9,619
14	4	99 046	39 690,485	608 719,604	15,337	14,868	64	54	82 019	1 254,213	12 367,818	9,861	9,392
15	5	99 018	37 170,195	569 029,119	15,309	14,840	65	55	80 583	1 154,330	11 113,605	9,628	9,159
16	6	98 989	34 809,751	531 858,923	15,279	14,810	66	56	79 041	1 060,656	9 959,275	9,390	8,921
17	7	98 952	32 596,383	497 049,172	15,249	14,779	67	57	77 429	973,320	8 898,619	9,143	8,673
18	8	98 910	30 522,277	464 452,789	15,217	14,748	68	58	75 719	891,643	7 925,299	8,888	8,419
19	9	98 849	28 574,633	433 930,511	15,186	14,717	69	59	73 893	815,115	7 033,655	8,629	8,160
20	10	98 788	26 751,511	405 355,878	15,153	14,684	70	60	71 950	743,497	6 218,541	8,364	7,895
21	11	98 721	25 042,975	378 604,368	15,118	14,649	71	61	69 869	676,337	5 475,043	8,095	7,626
22	12	98 658	23 444,370	353 561,393	15,081	14,612	72	62	67 677	613,694	4 798,706	7,819	7,350
23	13	98 595	21 947,899	330 117,023	15,041	14,572	73	63	65 296	554,663	4 185,012	7,545	7,076
24	14	98 531	20 546,748	308 169,124	14,998	14,529	74	64	62 781	499,579	3 630,350	7,267	6,798
25	15	98 462	19 234,069	287 622,376	14,954	14,485	75	65	60 079	447,852	3 130,770	6,991	6,522
26	16	98 390	18 004,744	268 388,307	14,907	14,437	76	66	57 246	399,751	2 682,918	6,711	6,242
27	17	98 314	16 853,260	250 383,563	14,857	14,388	77	67	54 269	354,994	2 283,168	6,432	5,962
28	18	98 235	15 774,835	233 530,303	14,804	14,335	78	68	51 106	313,170	1 928,174	6,157	5,688
29	19	98 153	14 764,980	217 755,468	14,748	14,279	79	69	47 790	274,332	1 615,004	5,887	5,418
30	20	98 068	13 819,492	202 990,488	14,689	14,220	80	70	44 403	238,769	1 340,672	5,615	5,146
31	21	97 982	12 934,330	189 170,996	14,625	14,156	81	71	40 893	205,992	1 101,903	5,349	4,880
32	22	97 889	12 104,871	176 236,666	14,559	14,090	82	72	37 327	176,138	895,912	5,086	4,617
33	23	97 793	11 328,388	164 131,795	14,489	14,019	83	73	33 723	149,071	719,774	4,828	4,359
34	24	97 700	10 601,954	152 803,407	14,413	13,944	84	74	30 146	124,833	570,702	4,572	4,103
35	25	97 599	9 921,292	142 201,453	14,333	13,864	85	75	26 599	103,180	445,869	4,321	3,852
36	26	97 493	9 283,837	132 280,161	14,248	13,779	86	76	23 073	83,843	342,689	4,087	3,618
37	27	97 378	8 686,549	122 996,323	14,159	13,690	87	77	19 663	66,933	258,846	3,867	3,398
38	28	97 256	8 127,147	114 309,775	14,065	13,596	88	78	16 385	52,247	191,913	3,673	3,204
39	29	97 126	7 603,080	106 182,628	13,966	13,497	89	79	13 450	40,178	139,666	3,476	3,007
40	30	96 985	7 111,990	98 579,548	13,861	13,392	90	80	10 818	30,271	99,488	3,287	2,817
41	31	96 827	6 651,376	91 467,558	13,752	13,283	91	81	8 591	22,521	69,217	3,073	2,604
42	32	96 651	6 219,514	84 816,182	13,637	13,168	92	82	6 580	16,158	46,696	2,890	2,421
43	33	96 462	5 814,832	78 596,669	13,517	13,047	93	83	4 858	11,174	30,538	2,733	2,264
44	34	96 242	5 434,707	72 781,836	13,392	12,923	94	84	3 478	7,496	19,364	2,583	2,114
45	35	95 998	5 078,165	67 347,129	13,262	12,793	95	85	2 406	4,858	11,868	2,443	1,974
46	36	95 726	4 743,574	62 268,964	13,127	12,658	96	86	1 602	3,029	7,011	2,314	1,845
47	37	95 417	4 429,323	57 525,390	12,987	12,518	97	87	1 025	1,815	3,981	2,193	1,724
48	38	95 072	4 134,235	53 096,068	12,843	12,374	98	88	624	1,036	2,166	2,091	1,622
49	39	94 681	3 856,868	48 961,833	12,695	12,226	99	89	364	0,567	1,130	1,994	1,525
							100	90	203	0,295	0,563	1,907	1,438

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	3 598,917	45 230,366	12,568	12,099
1							51	40	93 843	3 354,588	41 631,449	12,410	11,941
2							52	41	93 326	3 125,155	38 276,861	12,248	11,779
3							53	42	92 758	2 909,728	35 151,707	12,081	11,612
4							54	43	92 138	2 707,538	32 241,979	11,908	11,439
5							55	44	91 451	2 517,422	29 534,440	11,732	11,263
6							56	45	90 718	2 339,324	27 017,018	11,549	11,080
7							57	46	89 920	2 172,139	24 677,694	11,361	10,892
8							58	47	89 066	2 015,454	22 505,555	11,166	10,697
9							59	48	88 125	1 868,070	20 490,101	10,969	10,499
10							60	49	87 117	1 729,943	18 622,031	10,765	10,295
11	0	99 451	48 480,080	745 063,696	15,368	14,899	61	50	86 013	1 600,018	16 892,088	10,557	10,088
12	1	99 123	45 264,884	696 583,616	15,389	14,920	62	51	84 848	1 478,533	15 292,070	10,343	9,874
13	2	99 085	42 386,213	651 318,732	15,366	14,897	63	52	83 596	1 364,607	13 813,537	10,123	9,654
14	3	99 060	39 696,177	608 932,519	15,340	14,871	64	53	82 269	1 258,036	12 448,930	9,896	9,426
15	4	99 030	37 174,651	569 236,341	15,312	14,843	65	54	80 840	1 158,020	11 190,894	9,664	9,195
16	5	98 998	34 812,900	532 061,691	15,283	14,814	66	55	79 327	1 064,486	10 032,873	9,425	8,956
17	6	98 960	32 598,997	497 248,790	15,253	14,784	67	56	77 724	977,026	8 968,388	9,179	8,710
18	7	98 918	30 524,828	464 649,793	15,222	14,753	68	57	76 033	895,338	7 991,362	8,926	8,456
19	8	98 855	28 576,408	434 124,966	15,192	14,723	69	58	74 231	818,848	7 096,024	8,666	8,197
20	9	98 795	26 753,209	405 548,558	15,159	14,690	70	59	72 296	747,067	6 277,176	8,402	7,933
21	10	98 729	25 044,992	378 795,349	15,125	14,655	71	60	70 253	680,055	5 530,109	8,132	7,663
22	11	98 666	23 446,232	353 750,357	15,088	14,619	72	61	68 064	617,203	4 850,053	7,858	7,389
23	12	98 602	21 949,582	330 304,125	15,048	14,579	73	62	65 708	558,165	4 232,850	7,584	7,114
24	13	98 541	20 548,770	308 354,543	15,006	14,537	74	63	63 202	502,933	3 674,685	7,307	6,837
25	14	98 474	19 236,450	287 805,773	14,961	14,492	75	64	60 515	451,098	3 171,752	7,031	6,562
26	15	98 404	18 007,185	268 569,323	14,915	14,445	76	65	57 693	402,870	2 720,654	6,753	6,284
27	16	98 330	16 855,970	250 562,138	14,865	14,396	77	66	54 718	357,936	2 317,784	6,475	6,006
28	17	98 252	15 777,605	233 706,169	14,813	14,343	78	67	51 571	316,020	1 959,848	6,202	5,733
29	18	98 174	14 768,206	217 928,564	14,757	14,287	79	68	48 263	277,046	1 643,828	5,933	5,464
30	19	98 089	13 822,464	203 160,358	14,698	14,229	80	69	44 895	241,417	1 366,782	5,662	5,192
31	20	98 003	12 937,060	189 337,894	14,635	14,166	81	70	41 387	208,483	1 125,366	5,398	4,929
32	21	97 910	12 107,488	176 400,834	14,570	14,100	82	71	37 832	178,520	916,883	5,136	4,667
33	22	97 816	11 330,992	164 293,346	14,499	14,030	83	72	34 253	151,414	738,363	4,876	4,407
34	23	97 722	10 604,366	152 962,354	14,424	13,955	84	73	30 678	127,036	586,949	4,620	4,151
35	24	97 621	9 923,549	142 357,988	14,345	13,876	85	74	27 123	105,213	459,913	4,371	3,902
36	25	97 514	9 285,907	132 434,439	14,262	13,793	86	75	23 599	85,753	354,700	4,136	3,667
37	26	97 404	8 688,870	123 148,533	14,173	13,704	87	76	20 174	68,674	268,947	3,916	3,447
38	27	97 281	8 129,245	114 459,663	14,080	13,611	88	77	16 873	53,805	200,273	3,722	3,253
39	28	97 152	7 605,055	106 330,418	13,982	13,512	89	78	13 913	41,561	146,468	3,524	3,055
40	29	97 012	7 113,963	98 725,362	13,878	13,409	90	79	11 240	31,453	104,907	3,335	2,866
41	30	96 853	6 653,202	91 611,400	13,770	13,300	91	80	8 981	23,542	73,455	3,120	2,651
42	31	96 683	6 221,542	84 958,198	13,655	13,186	92	81	6 923	16,999	49,913	2,936	2,467
43	32	96 495	5 816,847	78 736,656	13,536	13,067	93	82	5 151	11,848	32,914	2,778	2,309
44	33	96 276	5 436,674	72 919,809	13,413	12,943	94	83	3 720	8,016	21,066	2,628	2,159
45	34	96 037	5 080,227	67 483,134	13,283	12,814	95	84	2 599	5,246	13,049	2,488	2,019
46	35	95 766	4 745,596	62 402,908	13,150	12,681	96	85	1 751	3,312	7,804	2,356	1,887
47	36	95 462	4 431,389	57 657,312	13,011	12,542	97	86	1 134	2,010	4,492	2,235	1,766
48	37	95 122	4 136,414	53 225,923	12,868	12,399	98	87	705	1,170	2,482	2,122	1,652
49	38	94 736	3 859,143	49 089,509	12,720	12,251	99	88	417	0,648	1,312	2,026	1,556
							100	89	236	0,343	0,664	1,935	1,466

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	3 601,040	45 344,871	12,592	12,123
1							51	39	93 909	3 356,949	41 743,831	12,435	11,966
2							52	40	93 392	3 127,384	38 386,882	12,274	11,805
3							53	41	92 835	2 912,148	35 259,498	12,108	11,639
4							54	42	92 226	2 710,102	32 347,350	11,936	11,467
5							55	43	91 548	2 520,082	29 637,248	11,760	11,291
6							56	44	90 820	2 341,973	27 117,166	11,579	11,110
7							57	45	90 042	2 175,081	24 775,193	11,390	10,921
8							58	46	89 204	2 018,584	22 600,113	11,196	10,727
9							59	47	88 278	1 871,318	20 581,528	10,998	10,529
10							60	48	87 279	1 733,154	18 710,210	10,795	10,326
11							61	49	86 194	1 603,372	16 977,056	10,588	10,119
12	0	99 442	45 410,180	696 941,644	15,348	14,879	62	50	85 046	1 481,996	15 373,684	10,374	9,905
13	1	99 113	42 398,268	651 531,464	15,367	14,898	63	51	83 805	1 368,015	13 891,688	10,155	9,686
14	2	99 076	39 702,578	609 133,196	15,342	14,873	64	52	82 498	1 261,532	12 523,673	9,927	9,458
15	3	99 044	37 179,982	569 430,618	15,316	14,846	65	53	81 087	1 161,550	11 262,141	9,696	9,227
16	4	99 010	34 817,073	532 250,636	15,287	14,818	66	54	79 580	1 067,888	10 100,591	9,458	8,989
17	5	98 969	32 601,946	497 433,563	15,258	14,789	67	55	78 004	980,553	9 032,703	9,212	8,743
18	6	98 926	30 527,275	464 831,617	15,227	14,758	68	56	76 323	898,747	8 052,150	8,959	8,490
19	7	98 863	28 578,795	434 304,342	15,197	14,728	69	57	74 539	822,241	7 153,403	8,700	8,231
20	8	98 801	26 754,871	405 725,547	15,165	14,695	70	58	72 627	750,489	6 331,162	8,436	7,967
21	9	98 736	25 046,582	378 970,676	15,131	14,662	71	59	70 590	683,320	5 580,673	8,167	7,698
22	10	98 674	23 448,121	353 924,093	15,094	14,625	72	60	68 438	620,597	4 897,352	7,891	7,422
23	11	98 610	21 951,325	330 475,972	15,055	14,586	73	61	66 084	561,357	4 276,756	7,619	7,149
24	12	98 548	20 550,345	308 524,647	15,013	14,544	74	62	63 602	506,109	3 715,399	7,341	6,872
25	13	98 484	19 238,343	287 974,302	14,969	14,500	75	63	60 921	454,126	3 209,290	7,067	6,598
26	14	98 416	18 009,414	268 735,960	14,922	14,453	76	64	58 111	405,790	2 755,164	6,790	6,321
27	15	98 343	16 858,255	250 726,545	14,873	14,403	77	65	55 145	360,729	2 349,374	6,513	6,044
28	16	98 268	15 780,142	233 868,290	14,820	14,351	78	66	51 999	318,639	1 988,645	6,241	5,772
29	17	98 191	14 770,799	218 088,149	14,765	14,296	79	67	48 702	279,567	1 670,006	5,974	5,504
30	18	98 111	13 825,484	203 317,350	14,706	14,237	80	68	45 339	243,805	1 390,439	5,703	5,234
31	19	98 024	12 939,843	189 491,866	14,644	14,175	81	69	41 846	210,795	1 146,634	5,440	4,970
32	20	97 930	12 110,043	176 552,023	14,579	14,110	82	70	38 289	180,679	935,839	5,180	4,710
33	21	97 837	11 333,442	164 441,980	14,509	14,040	83	71	34 716	153,462	755,160	4,921	4,452
34	22	97 745	10 606,803	153 108,538	14,435	13,966	84	72	31 160	129,032	601,698	4,663	4,194
35	23	97 643	9 925,806	142 501,735	14,357	13,888	85	73	27 602	107,069	472,666	4,415	3,945
36	24	97 536	9 288,018	132 575,929	14,274	13,805	86	74	24 064	87,443	365,597	4,181	3,712
37	25	97 425	8 690,807	123 287,911	14,186	13,717	87	75	20 634	70,239	278,154	3,960	3,491
38	26	97 307	8 131,417	114 597,104	14,093	13,624	88	76	17 312	55,204	207,915	3,766	3,297
39	27	97 177	7 607,019	106 465,686	13,996	13,527	89	77	14 328	42,800	152,711	3,568	3,099
40	28	97 038	7 115,811	98 858,667	13,893	13,424	90	78	11 627	32,535	109,911	3,378	2,909
41	29	96 880	6 655,048	91 742,856	13,785	13,316	91	79	9 331	24,460	77,376	3,163	2,694
42	30	96 709	6 223,250	85 087,809	13,673	13,203	92	80	7 237	17,770	52,916	2,978	2,509
43	31	96 527	5 818,744	78 864,559	13,554	13,084	93	81	5 419	12,465	35,146	2,820	2,350
44	32	96 310	5 438,558	73 045,815	13,431	12,962	94	82	3 944	8,500	22,681	2,668	2,199
45	33	96 072	5 082,065	67 607,257	13,303	12,834	95	83	2 779	5,610	14,181	2,528	2,059
46	34	95 805	4 747,523	62 525,192	13,170	12,701	96	84	1 891	3,577	8,571	2,397	1,927
47	35	95 503	4 433,278	57 777,669	13,033	12,564	97	85	1 240	2,197	4,995	2,274	1,804
48	36	95 167	4 138,343	53 344,391	12,890	12,421	98	86	781	1,295	2,798	2,160	1,691
49	37	94 786	3 861,177	49 206,047	12,744	12,275	99	87	471	0,732	1,503	2,053	1,584
							100	88	270	0,393	0,771	1,964	1,494

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	3 602,938	45 449,371	12,615	12,145
1							51	38	93 964	3 358,929	41 846,433	12,458	11,989
2							52	39	93 458	3 129,585	38 487,504	12,298	11,829
3							53	40	92 901	2 914,225	35 357,919	12,133	11,664
4							54	41	92 302	2 712,356	32 443,694	11,961	11,492
5							55	42	91 635	2 522,469	29 731,338	11,787	11,317
6							56	43	90 916	2 344,447	27 208,870	11,606	11,137
7							57	44	90 144	2 177,543	24 864,422	11,419	10,949
8							58	45	89 325	2 021,318	22 686,879	11,224	10,755
9							59	46	88 415	1 874,225	20 665,561	11,026	10,557
10							60	47	87 431	1 736,167	18 791,336	10,823	10,354
11							61	48	86 354	1 606,349	17 055,169	10,617	10,148
12							62	49	85 225	1 485,103	15 448,820	10,403	9,933
13	0	99 431	42 534,362	651 862,096	15,326	14,856	63	50	84 001	1 371,219	13 963,718	10,183	9,714
14	1	99 104	39 713,870	609 327,735	15,343	14,874	64	51	82 704	1 264,682	12 592,499	9,957	9,488
15	2	99 060	37 185,977	569 613,865	15,318	14,849	65	52	81 312	1 164,778	11 327,817	9,725	9,256
16	3	99 024	34 822,066	532 427,888	15,290	14,821	66	53	79 823	1 071,144	10 163,040	9,488	9,019
17	4	98 980	32 605,854	497 605,822	15,261	14,792	67	54	78 254	983,687	9 091,896	9,243	8,774
18	5	98 935	30 530,037	464 999,968	15,231	14,762	68	55	76 598	901,992	8 108,208	8,989	8,520
19	6	98 871	28 581,087	434 469,931	15,201	14,732	69	56	74 823	825,372	7 206,217	8,731	8,262
20	7	98 809	26 757,106	405 888,844	15,169	14,700	70	57	72 928	753,599	6 380,845	8,467	7,998
21	8	98 742	25 048,138	379 131,738	15,136	14,667	71	58	70 914	686,450	5 627,247	8,198	7,728
22	9	98 680	23 449,609	354 083,600	15,100	14,631	72	59	68 767	623,576	4 940,796	7,923	7,454
23	10	98 618	21 953,094	330 633,990	15,061	14,592	73	60	66 447	564,443	4 317,220	7,649	7,180
24	11	98 556	20 551,977	308 680,897	15,020	14,550	74	61	63 965	509,003	3 752,777	7,373	6,904
25	12	98 491	19 239,818	288 128,920	14,976	14,507	75	62	61 306	456,994	3 243,774	7,098	6,629
26	13	98 425	18 011,186	268 889,102	14,929	14,460	76	63	58 501	408,514	2 786,780	6,822	6,353
27	14	98 356	16 860,342	250 877,916	14,880	14,411	77	64	55 545	363,343	2 378,266	6,546	6,076
28	15	98 281	15 782,281	234 017,574	14,828	14,359	78	65	52 405	321,125	2 014,923	6,275	5,805
29	16	98 207	14 773,174	218 235,293	14,772	14,303	79	66	49 106	281,884	1 693,797	6,009	5,540
30	17	98 128	13 827,912	203 462,119	14,714	14,245	80	67	45 752	246,024	1 411,913	5,739	5,270
31	18	98 046	12 942,670	189 634,207	14,652	14,183	81	68	42 260	212,880	1 165,889	5,477	5,008
32	19	97 952	12 112,648	176 691,537	14,587	14,118	82	69	38 714	182,683	953,009	5,217	4,748
33	20	97 857	11 335,833	164 578,890	14,518	14,049	83	70	35 136	155,318	770,327	4,960	4,491
34	21	97 766	10 609,097	153 243,056	14,444	13,975	84	71	31 582	130,777	615,009	4,703	4,234
35	22	97 666	9 928,088	142 633,960	14,367	13,898	85	72	28 036	108,752	484,232	4,453	3,983
36	23	97 559	9 290,131	132 705,872	14,285	13,815	86	73	24 488	88,986	375,480	4,220	3,750
37	24	97 447	8 692,783	123 415,741	14,197	13,728	87	74	21 041	71,623	286,494	4,000	3,531
38	25	97 329	8 133,230	114 722,958	14,105	13,636	88	75	17 706	56,462	214,871	3,806	3,336
39	26	97 203	7 609,052	106 589,728	14,008	13,539	89	76	14 701	43,913	158,409	3,607	3,138
40	27	97 063	7 117,648	98 980,676	13,906	13,437	90	77	11 973	33,505	114,496	3,417	2,948
41	28	96 905	6 656,777	91 863,028	13,800	13,331	91	78	9 652	25,302	80,991	3,201	2,732
42	29	96 736	6 224,977	85 206,251	13,688	13,219	92	79	7 519	18,463	55,690	3,016	2,547
43	30	96 553	5 820,341	78 981,274	13,570	13,101	93	80	5 665	13,030	37,226	2,857	2,388
44	31	96 341	5 440,332	73 160,933	13,448	12,979	94	81	4 150	8,942	24,196	2,706	2,237
45	32	96 105	5 083,826	67 720,601	13,321	12,852	95	82	2 947	5,948	15,254	2,564	2,095
46	33	95 840	4 749,241	62 636,775	13,189	12,720	96	83	2 023	3,825	9,306	2,433	1,964
47	34	95 541	4 435,078	57 887,535	13,052	12,583	97	84	1 339	2,373	5,481	2,310	1,841
48	35	95 207	4 140,108	53 452,456	12,911	12,442	98	85	853	1,416	3,108	2,195	1,726
49	36	94 831	3 862,978	49 312,349	12,765	12,296	99	86	521	0,810	1,692	2,089	1,620
							100	87	305	0,443	0,882	1,989	1,520

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	3 604,619	45 544,678	12,635	12,166
1							51	37	94 014	3 360,699	41 940,060	12,480	12,010
2							52	38	93 513	3 131,431	38 579,360	12,320	11,851
3							53	39	92 966	2 916,276	35 447,929	12,155	11,686
4							54	40	92 368	2 714,291	32 531,653	11,985	11,516
5							55	41	91 711	2 524,566	29 817,363	11,811	11,342
6							56	42	91 002	2 346,667	27 292,796	11,630	11,161
7							57	43	90 239	2 179,844	24 946,129	11,444	10,975
8							58	44	89 426	2 023,607	22 766,285	11,250	10,781
9							59	45	88 535	1 876,763	20 742,679	11,052	10,583
10							60	46	87 567	1 738,864	18 865,916	10,850	10,380
11							61	47	86 504	1 609,141	17 127,052	10,644	10,174
12							62	48	85 383	1 487,860	15 517,910	10,430	9,961
13							63	49	84 177	1 374,093	14 030,051	10,210	9,741
14	0	99 422	39 841,347	609 633,107	15,302	14,832	64	50	82 898	1 267,644	12 655,957	9,984	9,515
15	1	99 088	37 196,553	569 791,760	15,318	14,849	65	51	81 515	1 167,686	11 388,314	9,753	9,284
16	2	99 040	34 827,681	532 595,207	15,292	14,823	66	52	80 045	1 074,120	10 220,627	9,515	9,046
17	3	98 995	32 610,530	497 767,526	15,264	14,795	67	53	78 492	986,686	9 146,507	9,270	8,801
18	4	98 947	30 533,696	465 156,996	15,234	14,765	68	54	76 843	904,875	8 159,821	9,018	8,548
19	5	98 880	28 583,672	434 623,300	15,205	14,736	69	55	75 093	828,352	7 254,947	8,758	8,289
20	6	98 817	26 759,252	406 039,628	15,174	14,705	70	56	73 205	756,468	6 426,595	8,496	8,026
21	7	98 750	25 050,231	379 280,376	15,141	14,672	71	57	71 207	689,295	5 670,127	8,226	7,757
22	8	98 686	23 451,066	354 230,145	15,105	14,636	72	58	69 082	626,433	4 980,832	7,951	7,482
23	9	98 624	21 954,488	330 779,079	15,067	14,597	73	59	66 766	567,153	4 354,400	7,678	7,209
24	10	98 564	20 553,633	308 824,591	15,025	14,556	74	60	64 317	511,801	3 787,247	7,400	6,931
25	11	98 499	19 241,346	288 270,958	14,982	14,513	75	61	61 656	459,607	3 275,446	7,127	6,657
26	12	98 433	18 012,567	269 029,613	14,936	14,467	76	62	58 871	411,093	2 815,839	6,850	6,381
27	13	98 365	16 862,001	251 017,046	14,887	14,417	77	63	55 918	365,783	2 404,745	6,574	6,105
28	14	98 293	15 784,235	234 155,045	14,835	14,366	78	64	52 784	323,453	2 038,962	6,304	5,835
29	15	98 220	14 775,177	218 370,810	14,780	14,310	79	65	49 489	284,084	1 715,509	6,039	5,570
30	16	98 144	13 830,135	203 595,633	14,721	14,252	80	66	46 131	248,063	1 431,426	5,770	5,301
31	17	98 063	12 944,942	189 765,498	14,659	14,190	81	67	42 645	214,817	1 183,363	5,509	5,040
32	18	97 973	12 115,294	176 820,556	14,595	14,126	82	68	39 097	184,490	968,545	5,250	4,781
33	19	97 878	11 338,272	164 705,262	14,526	14,057	83	69	35 526	157,040	784,056	4,993	4,524
34	20	97 786	10 611,335	153 366,990	14,453	13,984	84	70	31 964	132,359	627,016	4,737	4,268
35	21	97 687	9 930,234	142 755,655	14,376	13,907	85	71	28 415	110,223	494,657	4,488	4,019
36	22	97 581	9 292,267	132 825,421	14,294	13,825	86	72	24 873	90,384	384,434	4,253	3,784
37	23	97 470	8 694,761	123 533,154	14,208	13,739	87	73	21 412	72,886	294,050	4,034	3,565
38	24	97 351	8 135,079	114 838,393	14,116	13,647	88	74	18 055	57,575	221,163	3,841	3,372
39	25	97 224	7 610,748	106 703,314	14,020	13,551	89	75	15 036	44,914	163,588	3,642	3,173
40	26	97 089	7 119,550	99 092,566	13,918	13,449	90	76	12 285	34,376	118,675	3,452	2,983
41	27	96 930	6 658,496	91 973,016	13,813	13,344	91	77	9 940	26,056	84,299	3,235	2,766
42	28	96 761	6 226,594	85 314,520	13,702	13,233	92	78	7 778	19,099	58,243	3,050	2,580
43	29	96 580	5 821,956	79 087,926	13,584	13,115	93	79	5 886	13,539	39,144	2,891	2,422
44	30	96 368	5 441,825	73 265,970	13,463	12,994	94	80	4 338	9,348	25,606	2,739	2,270
45	31	96 136	5 085,484	67 824,145	13,337	12,868	95	81	3 100	6,258	16,258	2,598	2,129
46	32	95 873	4 750,886	62 738,661	13,206	12,737	96	82	2 145	4,056	10,000	2,466	1,997
47	33	95 576	4 436,683	57 987,775	13,070	12,601	97	83	1 432	2,537	5,944	2,343	1,874
48	34	95 246	4 141,788	53 551,091	12,929	12,460	98	84	922	1,529	3,407	2,228	1,759
49	35	94 871	3 864,625	49 409,303	12,785	12,316	99	85	570	0,886	1,878	2,120	1,651
							100	86	337	0,491	0,992	2,021	1,552

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	3 606,155	45 631,593	12,654	12,185
1							51	36	94 058	3 362,267	42 025,437	12,499	12,030
2							52	37	93 562	3 133,081	38 663,170	12,340	11,871
3							53	38	93 021	2 917,996	35 530,089	12,176	11,707
4							54	39	92 433	2 716,201	32 612,093	12,007	11,537
5							55	40	91 776	2 526,367	29 895,892	11,834	11,364
6							56	41	91 078	2 348,619	27 369,525	11,653	11,184
7							57	42	90 325	2 181,908	25 020,906	11,467	10,998
8							58	43	89 520	2 025,745	22 838,998	11,274	10,805
9							59	44	88 635	1 878,888	20 813,253	11,077	10,608
10							60	45	87 685	1 741,219	18 934,365	10,874	10,405
11							61	46	86 638	1 611,641	17 193,146	10,668	10,199
12							62	47	85 531	1 490,446	15 581,505	10,454	9,985
13							63	48	84 333	1 376,644	14 091,059	10,236	9,767
14							64	49	83 071	1 270,301	12 714,415	10,009	9,540
15	0	99 406	37 315,950	570 073,827	15,277	14,808	65	50	81 706	1 170,421	11 444,114	9,778	9,309
16	1	99 068	34 837,586	532 757,878	15,293	14,823	66	51	80 245	1 076,802	10 273,693	9,541	9,072
17	2	99 011	32 615,788	497 920,291	15,266	14,797	67	52	78 710	989,428	9 196,891	9,295	8,826
18	3	98 961	30 538,075	465 304,503	15,237	14,768	68	53	77 077	907,633	8 207,463	9,043	8,574
19	4	98 892	28 587,099	434 766,428	15,208	14,739	69	54	75 333	830,999	7 299,830	8,784	8,315
20	5	98 826	26 761,673	406 179,330	15,178	14,709	70	55	73 470	759,199	6 468,831	8,521	8,051
21	6	98 758	25 052,240	379 417,657	15,145	14,676	71	56	71 478	691,919	5 709,632	8,252	7,783
22	7	98 694	23 453,025	354 365,418	15,110	14,640	72	57	69 368	629,028	5 017,713	7,977	7,508
23	8	98 631	21 955,851	330 912,392	15,072	14,603	73	58	67 072	569,751	4 388,684	7,703	7,234
24	9	98 570	20 554,938	308 956,541	15,031	14,562	74	59	64 626	514,259	3 818,934	7,426	6,957
25	10	98 507	19 242,896	288 401,603	14,987	14,518	75	60	61 995	462,134	3 304,675	7,151	6,682
26	11	98 441	18 013,997	269 158,707	14,942	14,473	76	61	59 207	413,444	2 842,541	6,875	6,406
27	12	98 373	16 863,294	251 144,710	14,893	14,424	77	62	56 271	368,092	2 429,097	6,599	6,130
28	13	98 303	15 785,788	234 281,416	14,841	14,372	78	63	53 139	325,624	2 061,005	6,329	5,860
29	14	98 232	14 777,006	218 495,628	14,786	14,317	79	64	49 848	286,143	1 735,380	6,065	5,596
30	15	98 157	13 832,010	203 718,622	14,728	14,259	80	65	46 491	249,998	1 449,237	5,797	5,328
31	16	98 079	12 947,024	189 886,612	14,666	14,197	81	66	42 998	216,598	1 199,239	5,537	5,068
32	17	97 990	12 117,421	176 939,588	14,602	14,133	82	67	39 452	186,169	982,641	5,278	4,809
33	18	97 900	11 340,749	164 822,167	14,534	14,064	83	68	35 877	158,593	796,472	5,022	4,553
34	19	97 807	10 613,618	153 481,418	14,461	13,992	84	69	32 318	133,827	637,879	4,766	4,297
35	20	97 707	9 932,330	142 867,800	14,384	13,915	85	70	28 758	111,556	504,052	4,518	4,049
36	21	97 602	9 294,276	132 935,471	14,303	13,834	86	71	25 210	91,607	392,496	4,285	3,815
37	22	97 492	8 696,759	123 641,195	14,217	13,748	87	72	21 748	74,032	300,890	4,064	3,595
38	23	97 373	8 136,930	114 944,436	14,126	13,657	88	73	18 374	58,590	226,858	3,872	3,403
39	24	97 246	7 612,479	106 807,506	14,031	13,561	89	74	15 332	45,799	168,267	3,674	3,205
40	25	97 110	7 121,137	99 195,027	13,930	13,461	90	75	12 565	35,159	122,469	3,483	3,014
41	26	96 956	6 660,275	92 073,890	13,824	13,355	91	76	10 198	26,734	87,309	3,266	2,797
42	27	96 786	6 228,202	85 413,615	13,714	13,245	92	77	8 010	19,668	60,576	3,080	2,611
43	28	96 605	5 823,469	79 185,414	13,598	13,129	93	78	6 088	14,004	40,908	2,921	2,452
44	29	96 394	5 443,335	73 361,945	13,477	13,008	94	79	4 507	9,712	26,903	2,770	2,301
45	30	96 163	5 086,880	67 918,610	13,352	12,883	95	80	3 241	6,542	17,191	2,628	2,159
46	31	95 904	4 752,436	62 831,730	13,221	12,752	96	81	2 256	4,267	10,649	2,496	2,027
47	32	95 609	4 438,220	58 079,294	13,086	12,617	97	82	1 519	2,690	6,382	2,372	1,903
48	33	95 280	4 143,287	53 641,074	12,947	12,477	98	83	986	1,635	3,692	2,257	1,788
49	34	94 910	3 866,194	49 497,787	12,803	12,334	99	84	615	0,956	2,056	2,150	1,681
							100	85	369	0,537	1,100	2,050	1,581

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	3 607,619	45 710,905	12,671	12,202
1							51	35	94 098	3 363,700	42 103,285	12,517	12,048
2							52	36	93 606	3 134,543	38 739,585	12,359	11,890
3							53	37	93 070	2 919,534	35 605,042	12,195	11,726
4							54	38	92 488	2 717,803	32 685,508	12,026	11,557
5							55	39	91 841	2 528,145	29 967,705	11,854	11,385
6							56	40	91 143	2 350,294	27 439,560	11,675	11,206
7							57	41	90 400	2 183,722	25 089,266	11,489	11,020
8							58	42	89 605	2 027,663	22 905,543	11,297	10,827
9							59	43	88 729	1 880,873	20 877,880	11,100	10,631
10							60	44	87 784	1 743,190	18 997,007	10,898	10,429
11							61	45	86 755	1 613,824	17 253,817	10,691	10,222
12							62	46	85 664	1 492,761	15 639,993	10,477	10,008
13							63	47	84 480	1 379,037	14 147,232	10,259	9,790
14							64	48	83 226	1 272,659	12 768,194	10,033	9,564
15							65	49	81 877	1 172,875	11 495,535	9,801	9,332
16	0	99 386	34 949,411	533 018,447	15,251	14,782	66	50	80 433	1 079,324	10 322,660	9,564	9,095
17	1	99 039	32 625,064	498 069,036	15,266	14,797	67	51	78 907	991,898	9 243,336	9,319	8,850
18	2	98 977	30 542,999	465 443,972	15,239	14,770	68	52	77 291	910,155	8 251,438	9,066	8,597
19	3	98 906	28 591,198	434 900,973	15,211	14,742	69	53	75 563	833,533	7 341,283	8,807	8,338
20	4	98 838	26 764,880	406 309,775	15,181	14,712	70	54	73 704	761,626	6 507,750	8,545	8,075
21	5	98 767	25 054,506	379 544,895	15,149	14,680	71	55	71 737	694,417	5 746,125	8,275	7,806
22	6	98 702	23 454,906	354 490,389	15,114	14,645	72	56	69 632	631,423	5 051,708	8,001	7,531
23	7	98 639	21 957,686	331 035,483	15,076	14,607	73	57	67 350	572,111	4 420,284	7,726	7,257
24	8	98 576	20 556,215	309 077,797	15,036	14,567	74	58	64 922	516,614	3 848,173	7,449	6,980
25	9	98 513	19 244,118	288 521,582	14,993	14,524	75	59	62 293	464,353	3 331,559	7,175	6,706
26	10	98 449	18 015,449	269 277,465	14,947	14,478	76	60	59 533	415,717	2 867,206	6,897	6,428
27	11	98 381	16 864,633	251 262,016	14,899	14,430	77	61	56 593	370,197	2 451,489	6,622	6,153
28	12	98 311	15 786,998	234 397,383	14,847	14,378	78	62	53 474	327,681	2 081,292	6,352	5,882
29	13	98 242	14 778,460	218 610,385	14,793	14,323	79	63	50 182	288,064	1 753,611	6,088	5,618
30	14	98 169	13 833,723	203 831,925	14,734	14,265	80	64	46 828	251,810	1 465,547	5,820	5,351
31	15	98 092	12 948,779	189 998,202	14,673	14,204	81	65	43 334	218,288	1 213,737	5,560	5,091
32	16	98 006	12 119,370	177 049,423	14,609	14,140	82	66	39 779	187,712	995,449	5,303	4,834
33	17	97 917	11 342,740	164 930,054	14,541	14,071	83	67	36 204	160,037	807,737	5,047	4,578
34	18	97 829	10 615,937	153 587,314	14,468	13,998	84	68	32 638	135,150	647,700	4,792	4,323
35	19	97 728	9 934,466	142 971,377	14,391	13,922	85	69	29 077	112,793	512,550	4,544	4,075
36	20	97 623	9 296,237	133 036,911	14,311	13,842	86	70	25 514	92,714	399,757	4,312	3,843
37	21	97 513	8 698,639	123 740,674	14,225	13,756	87	71	22 042	75,033	307,043	4,092	3,623
38	22	97 396	8 138,801	115 042,035	14,135	13,666	88	72	18 663	59,511	232,009	3,899	3,429
39	23	97 269	7 614,210	106 903,234	14,040	13,571	89	73	15 602	46,607	172,498	3,701	3,232
40	24	97 132	7 122,757	99 289,024	13,940	13,471	90	74	12 812	35,852	125,891	3,511	3,042
41	25	96 978	6 661,760	92 166,267	13,835	13,366	91	75	10 431	27,343	90,039	3,293	2,824
42	26	96 812	6 229,866	85 504,508	13,725	13,256	92	76	8 218	20,180	62,696	3,107	2,638
43	27	96 630	5 824,972	79 274,642	13,609	13,140	93	77	6 270	14,422	42,517	2,948	2,479
44	28	96 419	5 444,749	73 449,669	13,490	13,021	94	78	4 662	10,046	28,095	2,796	2,327
45	29	96 189	5 088,291	68 004,920	13,365	12,896	95	79	3 367	6,797	18,048	2,655	2,186
46	30	95 931	4 753,740	62 916,629	13,235	12,766	96	80	2 359	4,460	11,251	2,523	2,053
47	31	95 640	4 439,668	58 162,889	13,101	12,632	97	81	1 598	2,830	6,791	2,399	1,930
48	32	95 313	4 144,723	53 723,221	12,962	12,493	98	82	1 045	1,734	3,960	2,284	1,815
49	33	94 944	3 867,593	49 578,498	12,819	12,350	99	83	658	1,023	2,226	2,177	1,708
							100	84	398	0,580	1,204	2,077	1,608



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	3 608,925	45 783,240	12,686	12,217
1							51	34	94 136	3 365,066	42 174,315	12,533	12,064
2							52	35	93 646	3 135,879	38 809,249	12,376	11,907
3							53	36	93 114	2 920,896	35 673,369	12,213	11,744
4							54	37	92 536	2 719,235	32 752,473	12,045	11,576
5							55	38	91 895	2 529,637	30 033,238	11,873	11,403
6							56	39	91 207	2 351,948	27 503,601	11,694	11,225
7							57	40	90 464	2 185,280	25 151,653	11,510	11,040
8							58	41	89 680	2 029,349	22 966,373	11,317	10,848
9							59	42	88 813	1 882,654	20 937,024	11,121	10,652
10							60	43	87 877	1 745,032	19 054,370	10,919	10,450
11							61	44	86 854	1 615,651	17 309,337	10,714	10,244
12							62	45	85 780	1 494,783	15 693,686	10,499	10,030
13							63	46	84 611	1 381,180	14 198,904	10,280	9,811
14							64	47	83 370	1 274,872	12 817,724	10,054	9,585
15							65	48	82 029	1 175,052	11 542,852	9,823	9,354
16							66	49	80 601	1 081,587	10 367,800	9,586	9,117
17	0	99 357	32 729,787	498 309,765	15,225	14,756	67	50	79 092	994,221	9 286,214	9,340	8,871
18	1	99 005	30 551,686	465 579,978	15,239	14,770	68	51	77 484	912,428	8 291,992	9,088	8,619
19	2	98 922	28 595,808	435 028,292	15,213	14,744	69	52	75 772	835,849	7 379,565	8,829	8,360
20	3	98 852	26 768,718	406 432,484	15,183	14,714	70	53	73 929	763,948	6 543,716	8,566	8,097
21	4	98 779	25 057,509	379 663,765	15,152	14,683	71	54	71 966	696,637	5 779,769	8,297	7,828
22	5	98 711	23 457,028	354 606,256	15,117	14,648	72	55	69 883	633,703	5 083,132	8,021	7,552
23	6	98 647	21 959,446	331 149,228	15,080	14,611	73	56	67 606	574,290	4 449,429	7,748	7,279
24	7	98 584	20 557,932	309 189,782	15,040	14,571	74	57	65 191	518,755	3 875,139	7,470	7,001
25	8	98 519	19 245,313	288 631,850	14,998	14,528	75	58	62 578	466,480	3 356,384	7,195	6,726
26	9	98 455	18 016,592	269 386,537	14,952	14,483	76	59	59 819	417,713	2 889,905	6,918	6,449
27	10	98 389	16 865,992	251 369,944	14,904	14,435	77	60	56 904	372,233	2 472,192	6,642	6,172
28	11	98 318	15 788,252	234 503,953	14,853	14,384	78	61	53 780	329,554	2 099,959	6,372	5,903
29	12	98 250	14 779,593	218 715,701	14,798	14,329	79	62	50 499	289,883	1 770,405	6,107	5,638
30	13	98 179	13 835,084	203 936,108	14,741	14,271	80	63	47 142	253,501	1 480,522	5,840	5,371
31	14	98 104	12 950,382	190 101,024	14,679	14,210	81	64	43 648	219,870	1 227,021	5,581	5,112
32	15	98 019	12 121,013	177 150,642	14,615	14,146	82	65	40 090	189,176	1 007,151	5,324	4,855
33	16	97 933	11 344,564	165 029,629	14,547	14,078	83	66	36 504	161,363	817,975	5,069	4,600
34	17	97 846	10 617,801	153 685,066	14,474	14,005	84	67	32 935	136,381	656,611	4,815	4,345
35	18	97 750	9 936,637	143 067,265	14,398	13,929	85	68	29 365	113,909	520,231	4,567	4,098
36	19	97 644	9 298,237	133 130,628	14,318	13,849	86	69	25 797	93,743	406,322	4,334	3,865
37	20	97 534	8 700,475	123 832,392	14,233	13,764	87	70	22 309	75,941	312,580	4,116	3,647
38	21	97 417	8 140,560	115 131,917	14,143	13,674	88	71	18 915	60,316	236,639	3,923	3,454
39	22	97 291	7 615,961	106 991,357	14,048	13,579	89	72	15 848	47,339	176,323	3,725	3,256
40	23	97 154	7 124,377	99 375,396	13,949	13,480	90	73	13 038	36,485	128,984	3,535	3,066
41	24	97 000	6 663,274	92 251,019	13,845	13,376	91	74	10 636	27,882	92,499	3,318	2,848
42	25	96 834	6 231,254	85 587,745	13,735	13,266	92	75	8 405	20,639	64,617	3,131	2,662
43	26	96 656	5 826,529	79 356,490	13,620	13,151	93	76	6 433	14,797	43,978	2,972	2,503
44	27	96 444	5 446,155	73 529,961	13,501	13,032	94	77	4 801	10,346	29,181	2,820	2,351
45	28	96 214	5 089,613	68 083,807	13,377	12,908	95	78	3 483	7,031	18,835	2,679	2,210
46	29	95 957	4 755,059	62 994,193	13,248	12,779	96	79	2 451	4,634	11,804	2,547	2,078
47	30	95 667	4 440,887	58 239,134	13,114	12,645	97	80	1 670	2,959	7,170	2,423	1,954
48	31	95 344	4 146,075	53 798,247	12,976	12,507	98	81	1 099	1,824	4,211	2,308	1,839
49	32	94 977	3 868,933	49 652,173	12,834	12,364	99	82	698	1,084	2,387	2,201	1,732
							100	83	426	0,620	1,302	2,101	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	3 610,175	45 849,259	12,700	12,231
1							51	33	94 170	3 366,284	42 239,084	12,548	12,079
2							52	34	93 684	3 137,152	38 872,800	12,391	11,922
3							53	35	93 153	2 922,141	35 735,647	12,229	11,760
4							54	36	92 580	2 720,504	32 813,506	12,062	11,592
5							55	37	91 943	2 530,970	30 093,002	11,890	11,421
6							56	38	91 261	2 353,336	27 562,032	11,712	11,243
7							57	39	90 528	2 186,818	25 208,697	11,528	11,058
8							58	40	89 744	2 030,797	23 021,879	11,336	10,867
9							59	41	88 887	1 884,220	20 991,082	11,140	10,671
10							60	42	87 960	1 746,685	19 106,862	10,939	10,470
11							61	43	86 945	1 617,358	17 360,177	10,734	10,265
12							62	44	85 877	1 496,475	15 742,820	10,520	10,051
13							63	45	84 726	1 383,050	14 246,344	10,301	9,832
14							64	46	83 500	1 276,852	12 863,294	10,074	9,605
15							65	47	82 172	1 177,095	11 586,442	9,843	9,374
16							66	48	80 751	1 083,594	10 409,347	9,606	9,137
17							67	49	79 258	996,306	9 325,753	9,360	8,891
18	0	99 323	30 649,753	465 802,397	15,198	14,728	68	50	77 666	914,565	8 329,447	9,108	8,638
19	1	98 950	28 603,941	435 152,643	15,213	14,744	69	51	75 962	837,936	7 414,883	8,849	8,380
20	2	98 868	26 773,035	406 548,702	15,185	14,716	70	52	74 135	766,070	6 576,947	8,585	8,116
21	3	98 793	25 061,103	379 775,667	15,154	14,685	71	53	72 185	698,760	5 810,877	8,316	7,847
22	4	98 723	23 459,840	354 714,565	15,120	14,651	72	54	70 107	635,728	5 112,116	8,041	7,572
23	5	98 656	21 961,433	331 254,725	15,083	14,614	73	55	67 850	576,363	4 476,388	7,767	7,297
24	6	98 592	20 559,580	309 293,292	15,044	14,575	74	56	65 439	520,730	3 900,025	7,490	7,020
25	7	98 528	19 246,921	288 733,712	15,002	14,532	75	57	62 838	468,412	3 379,295	7,214	6,745
26	8	98 461	18 017,712	269 486,791	14,957	14,488	76	58	60 093	419,627	2 910,883	6,937	6,468
27	9	98 395	16 867,063	251 469,079	14,909	14,440	77	59	57 177	374,020	2 491,256	6,661	6,192
28	10	98 326	15 789,524	234 602,017	14,858	14,389	78	60	54 076	331,366	2 117,236	6,389	5,920
29	11	98 257	14 780,766	218 812,493	14,804	14,335	79	61	50 788	291,540	1 785,870	6,126	5,657
30	12	98 186	13 836,144	204 031,726	14,746	14,277	80	62	47 440	255,101	1 494,330	5,858	5,389
31	13	98 114	12 951,656	190 195,582	14,685	14,216	81	63	43 941	221,346	1 239,228	5,599	5,129
32	14	98 031	12 122,513	177 243,926	14,621	14,152	82	64	40 380	190,548	1 017,882	5,342	4,873
33	15	97 946	11 346,102	165 121,412	14,553	14,084	83	65	36 789	162,622	827,335	5,087	4,618
34	16	97 862	10 619,508	153 775,311	14,480	14,011	84	66	33 208	137,511	664,712	4,834	4,365
35	17	97 767	9 938,381	143 155,803	14,404	13,935	85	67	29 632	114,945	527,201	4,587	4,117
36	18	97 665	9 300,268	133 217,421	14,324	13,855	86	68	26 053	94,670	412,256	4,355	3,886
37	19	97 555	8 702,346	123 917,153	14,240	13,770	87	69	22 556	76,783	317,586	4,136	3,667
38	20	97 437	8 142,278	115 214,807	14,150	13,681	88	70	19 144	61,046	240,803	3,945	3,476
39	21	97 312	7 617,607	107 072,529	14,056	13,587	89	71	16 062	47,979	179,758	3,747	3,277
40	22	97 177	7 126,015	99 454,922	13,957	13,487	90	72	13 243	37,058	131,778	3,556	3,087
41	23	97 022	6 664,790	92 328,907	13,853	13,384	91	73	10 824	28,374	94,720	3,338	2,869
42	24	96 856	6 232,671	85 664,117	13,744	13,275	92	74	8 571	21,046	66,347	3,152	2,683
43	25	96 678	5 827,828	79 431,445	13,630	13,161	93	75	6 579	15,134	45,300	2,993	2,524
44	26	96 470	5 447,610	73 603,618	13,511	13,042	94	76	4 926	10,615	30,166	2,842	2,373
45	27	96 239	5 090,927	68 156,008	13,388	12,919	95	77	3 587	7,241	19,551	2,700	2,231
46	28	95 982	4 756,295	63 065,080	13,259	12,790	96	78	2 535	4,794	12,311	2,568	2,099
47	29	95 693	4 442,119	58 308,786	13,126	12,657	97	79	1 735	3,074	7,517	2,445	1,976
48	30	95 371	4 147,213	53 866,667	12,989	12,520	98	80	1 149	1,907	4,443	2,330	1,861
49	31	95 008	3 870,195	49 719,454	12,847	12,378	99	81	734	1,141	2,536	2,223	1,753
							100	82	451	0,657	1,395	2,122	1,653

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	3 611,353	45 909,540	12,713	12,243
1							51	32	94 203	3 367,450	42 298,188	12,561	12,092
2							52	33	93 718	3 138,288	38 930,737	12,405	11,936
3							53	34	93 191	2 923,328	35 792,450	12,244	11,775
4							54	35	92 619	2 721,664	32 869,122	12,077	11,608
5							55	36	91 986	2 532,150	30 147,458	11,906	11,437
6							56	37	91 309	2 354,576	27 615,308	11,728	11,259
7							57	38	90 581	2 188,108	25 260,732	11,545	11,075
8							58	39	89 807	2 032,226	23 072,624	11,353	10,884
9							59	40	88 950	1 885,564	21 040,398	11,159	10,690
10							60	41	88 034	1 748,137	19 154,834	10,957	10,488
11							61	42	87 028	1 618,889	17 406,697	10,752	10,283
12							62	43	85 968	1 498,057	15 787,807	10,539	10,070
13							63	44	84 822	1 384,616	14 289,751	10,320	9,851
14							64	45	83 613	1 278,581	12 905,135	10,093	9,624
15							65	46	82 300	1 178,923	11 626,553	9,862	9,393
16							66	47	80 891	1 085,478	10 447,630	9,625	9,156
17							67	48	79 405	998,155	9 362,152	9,379	8,910
18							68	49	77 829	916,482	8 363,997	9,126	8,657
19	0	99 268	28 695,757	435 358,148	15,172	14,702	69	50	76 140	839,898	7 447,515	8,867	8,398
20	1	98 896	26 780,649	406 662,391	15,185	14,716	70	51	74 320	767,983	6 607,617	8,604	8,135
21	2	98 809	25 065,143	379 881,742	15,156	14,687	71	52	72 386	700,702	5 839,634	8,334	7,865
22	3	98 737	23 463,204	354 816,598	15,122	14,653	72	53	70 320	637,666	5 138,932	8,059	7,590
23	4	98 667	21 964,065	331 353,394	15,086	14,617	73	54	68 067	578,205	4 501,265	7,785	7,316
24	5	98 601	20 561,440	309 389,329	15,047	14,578	74	55	65 675	522,610	3 923,060	7,507	7,038
25	6	98 536	19 248,464	288 827,889	15,005	14,536	75	56	63 077	470,196	3 400,450	7,232	6,763
26	7	98 469	18 019,217	269 579,424	14,961	14,492	76	57	60 342	421,365	2 930,254	6,954	6,485
27	8	98 401	16 868,110	251 560,207	14,913	14,444	77	58	57 439	375,733	2 508,889	6,677	6,208
28	9	98 333	15 790,526	234 692,097	14,863	14,394	78	59	54 335	332,957	2 133,156	6,407	5,938
29	10	98 265	14 781,957	218 901,571	14,809	14,340	79	60	51 067	293,143	1 800,199	6,141	5,672
30	11	98 194	13 837,243	204 119,613	14,751	14,282	80	61	47 711	256,560	1 507,056	5,874	5,405
31	12	98 121	12 952,649	190 282,370	14,691	14,221	81	62	44 219	222,744	1 250,496	5,614	5,145
32	13	98 041	12 123,706	177 329,721	14,627	14,158	82	63	40 651	191,827	1 027,752	5,358	4,889
33	14	97 958	11 347,507	165 206,015	14,559	14,090	83	64	37 055	163,801	835,925	5,103	4,634
34	15	97 875	10 620,948	153 858,508	14,486	14,017	84	65	33 467	138,584	672,124	4,850	4,381
35	16	97 783	9 939,979	143 237,561	14,410	13,941	85	66	29 878	115,898	533,540	4,604	4,134
36	17	97 682	9 301,901	133 297,581	14,330	13,861	86	67	26 290	95,531	417,642	4,372	3,903
37	18	97 576	8 704,248	123 995,680	14,245	13,776	87	68	22 780	77,542	322,110	4,154	3,685
38	19	97 458	8 144,029	115 291,433	14,157	13,687	88	69	19 356	61,722	244,568	3,962	3,493
39	20	97 332	7 619,215	107 147,403	14,063	13,594	89	70	16 256	48,560	182,846	3,765	3,296
40	21	97 198	7 127,555	99 528,189	13,964	13,495	90	71	13 422	37,559	134,286	3,575	3,106
41	22	97 044	6 666,322	92 400,633	13,861	13,392	91	72	10 994	28,820	96,727	3,356	2,887
42	23	96 878	6 234,089	85 734,311	13,752	13,283	92	73	8 722	21,417	67,907	3,171	2,702
43	24	96 700	5 829,153	79 500,222	13,638	13,169	93	74	6 709	15,432	46,490	3,012	2,543
44	25	96 492	5 448,824	73 671,069	13,521	13,051	94	75	5 038	10,857	31,057	2,861	2,391
45	26	96 265	5 092,288	68 222,244	13,397	12,928	95	76	3 680	7,429	20,200	2,719	2,250
46	27	96 007	4 757,523	63 129,957	13,270	12,800	96	77	2 611	4,937	12,772	2,587	2,118
47	28	95 718	4 443,273	58 372,434	13,137	12,668	97	78	1 795	3,180	7,835	2,464	1,995
48	29	95 397	4 148,363	53 929,161	13,000	12,531	98	79	1 194	1,981	4,655	2,349	1,880
49	30	95 034	3 871,257	49 780,798	12,859	12,390	99	80	767	1,193	2,674	2,242	1,773
							100	81	475	0,691	1,481	2,142	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	3 612,344	45 964,488	12,724	12,255
1							51	31	94 233	3 368,548	42 352,144	12,573	12,104
2							52	32	93 750	3 139,375	38 983,596	12,418	11,949
3							53	33	93 225	2 924,386	35 844,220	12,257	11,788
4							54	34	92 657	2 722,769	32 919,835	12,091	11,621
5							55	35	92 026	2 533,230	30 197,066	11,920	11,451
6							56	36	91 352	2 355,674	27 663,836	11,743	11,274
7							57	37	90 629	2 189,261	25 308,162	11,560	11,091
8							58	38	89 860	2 033,425	23 118,900	11,369	10,900
9							59	39	89 013	1 886,891	21 085,476	11,175	10,706
10							60	40	88 096	1 749,384	19 198,585	10,974	10,505
11							61	41	87 100	1 620,236	17 449,201	10,770	10,300
12							62	42	86 049	1 499,475	15 828,965	10,556	10,087
13							63	43	84 911	1 386,079	14 329,490	10,338	9,869
14							64	44	83 707	1 280,029	12 943,411	10,112	9,643
15							65	45	82 411	1 180,520	11 663,382	9,880	9,411
16							66	46	81 017	1 087,164	10 482,862	9,642	9,173
17							67	47	79 543	999,890	9 395,698	9,397	8,928
18							68	48	77 973	918,183	8 395,807	9,144	8,675
19							69	49	76 299	841,659	7 477,624	8,884	8,415
20	0	99 213	26 866,612	406 852,286	15,143	14,674	70	50	74 494	769,782	6 635,965	8,621	8,151
21	1	98 837	25 072,272	379 985,674	15,156	14,686	71	51	72 567	702,452	5 866,184	8,351	7,882
22	2	98 753	23 466,987	354 913,401	15,124	14,655	72	52	70 516	639,438	5 163,732	8,075	7,606
23	3	98 682	21 967,215	331 446,414	15,088	14,619	73	53	68 275	579,968	4 524,294	7,801	7,332
24	4	98 613	20 563,905	309 479,199	15,050	14,581	74	54	65 885	524,280	3 944,326	7,523	7,054
25	5	98 545	19 250,206	288 915,294	15,008	14,539	75	55	63 305	471,893	3 420,045	7,247	6,778
26	6	98 477	18 020,662	269 665,089	14,964	14,495	76	56	60 571	422,969	2 948,152	6,970	6,501
27	7	98 409	16 869,520	251 644,427	14,917	14,448	77	57	57 677	377,290	2 525,183	6,693	6,224
28	8	98 339	15 791,507	234 774,907	14,867	14,398	78	58	54 584	334,482	2 147,893	6,422	5,952
29	9	98 272	14 782,896	218 983,400	14,813	14,344	79	59	51 312	294,551	1 813,411	6,157	5,687
30	10	98 202	13 838,358	204 200,504	14,756	14,287	80	60	47 973	257,971	1 518,860	5,888	5,419
31	11	98 129	12 953,678	190 362,146	14,696	14,226	81	61	44 471	224,017	1 260,889	5,629	5,159
32	12	98 049	12 124,635	177 408,468	14,632	14,163	82	62	40 908	193,038	1 036,872	5,371	4,902
33	13	97 968	11 348,623	165 283,833	14,564	14,095	83	63	37 304	164,901	843,834	5,117	4,648
34	14	97 887	10 622,263	153 935,210	14,492	14,023	84	64	33 709	139,588	678,933	4,864	4,395
35	15	97 796	9 941,327	143 312,947	14,416	13,947	85	65	30 111	116,802	539,345	4,618	4,148
36	16	97 698	9 303,397	133 371,620	14,336	13,867	86	66	26 508	96,323	422,542	4,387	3,918
37	17	97 593	8 705,776	124 068,224	14,251	13,782	87	67	22 987	78,248	326,219	4,169	3,700
38	18	97 480	8 145,809	115 362,448	14,162	13,693	88	68	19 548	62,333	247,971	3,978	3,509
39	19	97 353	7 620,854	107 216,639	14,069	13,600	89	69	16 436	49,098	185,638	3,781	3,312
40	20	97 218	7 129,059	99 595,785	13,970	13,501	90	70	13 585	38,014	136,540	3,592	3,123
41	21	97 065	6 667,764	92 466,726	13,868	13,399	91	71	11 143	29,209	98,526	3,373	2,904
42	22	96 900	6 235,522	85 798,962	13,760	13,291	92	72	8 859	21,754	69,317	3,186	2,717
43	23	96 722	5 830,479	79 563,440	13,646	13,177	93	73	6 827	15,705	47,563	3,029	2,559
44	24	96 514	5 450,064	73 732,961	13,529	13,060	94	74	5 138	11,071	31,858	2,878	2,409
45	25	96 286	5 093,423	68 282,898	13,406	12,937	95	75	3 764	7,598	20,787	2,736	2,267
46	26	96 033	4 758,794	63 189,475	13,278	12,809	96	76	2 679	5,065	13,189	2,604	2,135
47	27	95 743	4 444,420	58 430,681	13,147	12,678	97	77	1 849	3,275	8,124	2,481	2,012
48	28	95 422	4 149,441	53 986,261	13,010	12,541	98	78	1 235	2,050	4,849	2,366	1,897
49	29	95 060	3 872,331	49 836,820	12,870	12,401	99	79	797	1,239	2,800	2,259	1,790
							100	80	496	0,723	1,560	2,159	1,690

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	3 613,346	46 014,658	12,735	12,266
1							51	30	94 259	3 369,473	42 401,312	12,584	12,115
2							52	31	93 781	3 140,399	39 031,839	12,429	11,960
3							53	32	93 257	2 925,399	35 891,440	12,269	11,800
4							54	33	92 690	2 723,754	32 966,041	12,103	11,634
5							55	34	92 063	2 534,258	30 242,287	11,933	11,464
6							56	35	91 391	2 356,679	27 708,028	11,757	11,288
7							57	36	90 671	2 190,282	25 351,350	11,574	11,105
8							58	37	89 907	2 034,496	23 161,067	11,384	10,915
9							59	38	89 065	1 888,004	21 126,571	11,190	10,721
10							60	39	88 158	1 750,615	19 238,567	10,990	10,520
11							61	40	87 162	1 621,391	17 487,951	10,786	10,317
12							62	41	86 121	1 500,722	15 866,560	10,573	10,103
13							63	42	84 992	1 387,391	14 365,838	10,355	9,885
14							64	43	83 796	1 281,382	12 978,446	10,128	9,659
15							65	44	82 504	1 181,856	11 697,065	9,897	9,428
16							66	45	81 127	1 088,637	10 515,209	9,659	9,190
17							67	46	79 666	1 001,444	9 426,572	9,413	8,944
18							68	47	78 109	919,779	8 425,128	9,160	8,691
19							69	48	76 441	843,221	7 505,349	8,901	8,432
20							70	49	74 650	771,395	6 662,128	8,636	8,167
21	0	99 154	25 152,751	380 161,157	15,114	14,645	71	50	72 736	704,097	5 890,732	8,366	7,897
22	1	98 781	23 473,661	355 008,405	15,124	14,655	72	51	70 692	641,035	5 186,635	8,091	7,622
23	2	98 698	21 970,757	331 534,744	15,090	14,621	73	52	68 464	581,580	4 545,601	7,816	7,347
24	3	98 627	20 566,854	309 563,987	15,052	14,582	74	53	66 086	525,879	3 964,021	7,538	7,069
25	4	98 556	19 252,513	288 997,133	15,011	14,542	75	54	63 507	473,402	3 438,142	7,263	6,794
26	5	98 486	18 022,292	269 744,620	14,967	14,498	76	55	60 790	424,497	2 964,741	6,984	6,515
27	6	98 417	16 870,872	251 722,327	14,921	14,451	77	56	57 897	378,726	2 540,244	6,707	6,238
28	7	98 347	15 792,827	234 851,455	14,871	14,402	78	57	54 810	335,868	2 161,518	6,436	5,966
29	8	98 278	14 783,814	219 058,628	14,817	14,348	79	58	51 548	295,900	1 825,650	6,170	5,701
30	9	98 208	13 839,237	204 274,814	14,761	14,291	80	59	48 204	259,209	1 529,750	5,902	5,432
31	10	98 137	12 954,722	190 435,578	14,700	14,231	81	60	44 716	225,249	1 270,540	5,641	5,171
32	11	98 056	12 125,598	177 480,856	14,637	14,168	82	61	41 142	194,142	1 045,291	5,384	4,915
33	12	97 975	11 349,493	165 355,258	14,569	14,100	83	62	37 540	165,942	851,149	5,129	4,660
34	13	97 897	10 623,308	154 005,765	14,497	14,028	84	63	33 936	140,525	685,208	4,876	4,407
35	14	97 808	9 942,558	143 382,457	14,421	13,952	85	64	30 329	117,649	544,682	4,630	4,161
36	15	97 711	9 304,658	133 439,899	14,341	13,872	86	65	26 714	97,075	427,033	4,399	3,930
37	16	97 609	8 707,176	124 135,241	14,257	13,788	87	66	23 177	78,897	329,958	4,182	3,713
38	17	97 497	8 147,239	115 428,066	14,168	13,699	88	67	19 725	62,900	251,062	3,991	3,522
39	18	97 375	7 622,519	107 280,827	14,074	13,605	89	68	16 599	49,584	188,161	3,795	3,326
40	19	97 239	7 130,593	99 658,308	13,976	13,507	90	69	13 735	38,435	138,578	3,605	3,136
41	20	97 086	6 669,171	92 527,715	13,874	13,405	91	70	11 278	29,562	100,143	3,387	2,918
42	21	96 921	6 236,870	85 858,545	13,766	13,297	92	71	8 979	22,048	70,580	3,201	2,732
43	22	96 744	5 831,819	79 621,674	13,653	13,184	93	72	6 934	15,952	48,532	3,042	2,573
44	23	96 536	5 451,303	73 789,855	13,536	13,067	94	73	5 228	11,266	32,580	2,892	2,423
45	24	96 308	5 094,581	68 338,552	13,414	12,945	95	74	3 838	7,748	21,314	2,751	2,282
46	25	96 054	4 759,855	63 243,971	13,287	12,818	96	75	2 740	5,181	13,566	2,619	2,150
47	26	95 768	4 445,608	58 484,116	13,155	12,686	97	76	1 897	3,360	8,386	2,496	2,027
48	27	95 447	4 150,513	54 038,508	13,020	12,551	98	77	1 272	2,111	5,026	2,381	1,912
49	28	95 085	3 873,337	49 887,996	12,880	12,411	99	78	825	1,282	2,915	2,274	1,805
							100	79	516	0,751	1,633	2,175	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	3 614,285	46 060,478	12,744	12,275
1							51	29	94 285	3 370,408	42 446,193	12,594	12,125
2							52	30	93 807	3 141,261	39 075,785	12,440	11,970
3							53	31	93 288	2 926,353	35 934,524	12,280	11,810
4							54	32	92 722	2 724,698	33 008,171	12,114	11,645
5							55	33	92 096	2 535,176	30 283,473	11,945	11,476
6							56	34	91 428	2 357,635	27 748,298	11,770	11,300
7							57	35	90 710	2 191,216	25 390,662	11,587	11,118
8							58	36	89 949	2 035,446	23 199,446	11,398	10,929
9							59	37	89 112	1 888,999	21 164,000	11,204	10,735
10							60	38	88 210	1 751,648	19 275,002	11,004	10,535
11							61	39	87 224	1 622,532	17 523,353	10,800	10,331
12							62	40	86 182	1 501,792	15 900,821	10,588	10,119
13							63	41	85 062	1 388,545	14 399,029	10,370	9,901
14							64	42	83 875	1 282,595	13 010,483	10,144	9,675
15							65	43	82 592	1 183,105	11 727,888	9,913	9,444
16							66	44	81 218	1 089,869	10 544,783	9,675	9,206
17							67	45	79 774	1 002,800	9 454,914	9,429	8,959
18							68	46	78 230	921,208	8 452,114	9,175	8,706
19							69	47	76 574	844,687	7 530,906	8,916	8,446
20							70	48	74 788	772,827	6 686,219	8,652	8,183
21							71	49	72 889	705,573	5 913,391	8,381	7,912
22	0	99 098	23 549,009	355 170,585	15,082	14,613	72	50	70 857	642,536	5 207,819	8,105	7,636
23	1	98 726	21 977,006	331 621,576	15,089	14,620	73	51	68 635	583,032	4 565,282	7,830	7,361
24	2	98 643	20 570,170	309 644,570	15,053	14,584	74	52	66 270	527,340	3 982,251	7,552	7,082
25	3	98 570	19 255,274	289 074,400	15,013	14,544	75	53	63 701	474,845	3 454,911	7,276	6,807
26	4	98 498	18 024,452	269 819,126	14,970	14,500	76	54	60 984	425,853	2 980,066	6,998	6,529
27	5	98 426	16 872,399	251 794,673	14,923	14,454	77	55	58 106	380,094	2 554,213	6,720	6,251
28	6	98 355	15 794,093	234 922,275	14,874	14,405	78	56	55 019	337,147	2 174,119	6,449	5,979
29	7	98 286	14 785,049	219 128,182	14,821	14,352	79	57	51 761	297,126	1 836,972	6,182	5,713
30	8	98 215	13 840,096	204 343,132	14,765	14,295	80	58	48 425	260,397	1 539,846	5,913	5,444
31	9	98 143	12 955,544	190 503,036	14,704	14,235	81	59	44 931	226,331	1 279,450	5,653	5,184
32	10	98 064	12 126,575	177 547,492	14,641	14,172	82	60	41 368	195,209	1 053,119	5,395	4,926
33	11	97 983	11 350,394	165 420,917	14,574	14,105	83	61	37 754	166,891	857,910	5,141	4,671
34	12	97 904	10 624,122	154 070,522	14,502	14,033	84	62	34 150	141,413	691,019	4,887	4,417
35	13	97 818	9 943,536	143 446,400	14,426	13,957	85	63	30 533	118,439	549,606	4,640	4,171
36	14	97 723	9 305,810	133 502,864	14,346	13,877	86	64	26 908	97,778	431,167	4,410	3,941
37	15	97 622	8 708,356	124 197,054	14,262	13,793	87	65	23 358	79,512	333,389	4,193	3,724
38	16	97 512	8 148,549	115 488,698	14,173	13,704	88	66	19 889	63,422	253,877	4,003	3,534
39	17	97 392	7 623,857	107 340,149	14,080	13,610	89	67	16 750	50,035	190,455	3,806	3,337
40	18	97 260	7 132,151	99 716,292	13,981	13,512	90	68	13 871	38,815	140,420	3,618	3,149
41	19	97 107	6 670,605	92 584,142	13,879	13,410	91	69	11 403	29,890	101,605	3,399	2,930
42	20	96 941	6 238,187	85 913,537	13,772	13,303	92	70	9 087	22,315	71,714	3,214	2,745
43	21	96 765	5 833,080	79 675,350	13,659	13,190	93	71	7 028	16,167	49,399	3,056	2,586
44	22	96 558	5 452,556	73 842,270	13,543	13,074	94	72	5 310	11,443	33,232	2,904	2,435
45	23	96 330	5 095,740	68 389,714	13,421	12,952	95	73	3 906	7,885	21,789	2,763	2,294
46	24	96 076	4 760,937	63 293,973	13,294	12,825	96	74	2 794	5,283	13,904	2,632	2,163
47	25	95 790	4 446,599	58 533,036	13,164	12,694	97	75	1 940	3,437	8,622	2,509	2,040
48	26	95 472	4 151,622	54 086,438	13,028	12,559	98	76	1 305	2,166	5,185	2,394	1,925
49	27	95 109	3 874,337	49 934,816	12,889	12,419	99	77	849	1,320	3,020	2,288	1,818
							100	78	533	0,777	1,700	2,188	1,719

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 6,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	3 615,218	46 102,390	12,752	12,283
1							51	28	94 310	3 371,284	42 487,172	12,603	12,134
2							52	29	93 833	3 142,133	39 115,888	12,449	11,980
3							53	30	93 313	2 927,156	35 973,756	12,290	11,821
4							54	31	92 753	2 725,586	33 046,599	12,125	11,655
5							55	32	92 128	2 536,054	30 321,013	11,956	11,487
6							56	33	91 461	2 358,489	27 784,959	11,781	11,312
7							57	34	90 747	2 192,106	25 426,470	11,599	11,130
8							58	35	89 987	2 036,313	23 234,365	11,410	10,941
9							59	36	89 154	1 889,880	21 198,051	11,217	10,747
10							60	37	88 257	1 752,571	19 308,171	11,017	10,548
11							61	38	87 275	1 623,490	17 555,600	10,813	10,344
12							62	39	86 243	1 502,849	15 932,110	10,601	10,132
13							63	40	85 123	1 389,536	14 429,261	10,384	9,915
14							64	41	83 945	1 283,662	13 039,725	10,158	9,689
15							65	42	82 670	1 184,225	11 756,064	9,927	9,458
16							66	43	81 304	1 091,021	10 571,838	9,690	9,221
17							67	44	79 865	1 003,935	9 480,817	9,444	8,975
18							68	45	78 336	922,456	8 476,882	9,189	8,720
19							69	46	76 693	845,999	7 554,426	8,930	8,460
20							70	47	74 918	774,171	6 708,427	8,665	8,196
21							71	48	73 024	706,883	5 934,256	8,395	7,926
22							72	49	71 006	643,883	5 227,374	8,119	7,649
23	0	99 043	22 047,550	331 771,471	15,048	14,579	73	50	68 796	584,397	4 583,490	7,843	7,374
24	1	98 671	20 576,021	309 723,922	15,053	14,584	74	51	66 435	528,657	3 999,093	7,565	7,096
25	2	98 586	19 258,379	289 147,901	15,014	14,545	75	52	63 878	476,164	3 470,437	7,288	6,819
26	3	98 512	18 027,037	269 889,522	14,971	14,502	76	53	61 170	427,152	2 994,272	7,010	6,541
27	4	98 438	16 874,421	251 862,485	14,926	14,457	77	54	58 291	381,308	2 567,121	6,732	6,263
28	5	98 364	15 795,522	234 988,064	14,877	14,408	78	55	55 218	338,364	2 185,812	6,460	5,991
29	6	98 294	14 786,235	219 192,542	14,824	14,355	79	56	51 958	298,257	1 847,448	6,194	5,725
30	7	98 223	13 841,253	204 406,308	14,768	14,299	80	57	48 625	261,476	1 549,191	5,925	5,456
31	8	98 149	12 956,349	190 565,055	14,708	14,239	81	58	45 136	227,367	1 287,715	5,664	5,194
32	9	98 070	12 127,345	177 608,706	14,645	14,176	82	59	41 567	196,147	1 060,348	5,406	4,937
33	10	97 991	11 351,309	165 481,361	14,578	14,109	83	60	37 962	167,808	864,201	5,150	4,681
34	11	97 912	10 624,966	154 130,052	14,506	14,037	84	61	34 345	142,221	696,393	4,897	4,427
35	12	97 825	9 944,298	143 505,086	14,431	13,962	85	62	30 725	119,187	554,172	4,650	4,180
36	13	97 733	9 306,726	133 560,788	14,351	13,882	86	63	27 089	98,435	434,985	4,419	3,950
37	14	97 634	8 709,434	124 254,063	14,267	13,797	87	64	23 528	80,088	336,550	4,202	3,733
38	15	97 526	8 149,654	115 544,628	14,178	13,709	88	65	20 044	63,917	256,462	4,012	3,543
39	16	97 407	7 625,083	107 394,975	14,084	13,615	89	66	16 889	50,450	192,545	3,817	3,347
40	17	97 277	7 133,403	99 769,892	13,986	13,517	90	67	13 997	39,169	142,095	3,628	3,159
41	18	97 128	6 672,063	92 636,489	13,884	13,415	91	68	11 515	30,186	102,927	3,410	2,941
42	19	96 962	6 239,528	85 964,426	13,777	13,308	92	69	9 188	22,562	72,741	3,224	2,755
43	20	96 785	5 834,311	79 724,898	13,665	13,196	93	70	7 113	16,363	50,179	3,067	2,598
44	21	96 579	5 453,735	73 890,587	13,549	13,079	94	71	5 382	11,598	33,816	2,916	2,447
45	22	96 352	5 096,911	68 436,852	13,427	12,958	95	72	3 967	8,009	22,218	2,774	2,305
46	23	96 098	4 762,020	63 339,940	13,301	12,832	96	73	2 843	5,376	14,209	2,643	2,174
47	24	95 811	4 447,610	58 577,920	13,171	12,702	97	74	1 978	3,504	8,833	2,521	2,052
48	25	95 493	4 152,547	54 130,310	13,035	12,566	98	75	1 335	2,215	5,329	2,406	1,937
49	26	95 135	3 875,373	49 977,763	12,896	12,427	99	76	871	1,354	3,114	2,299	1,830
							100	77	549	0,800	1,760	2,200	1,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	3 616,184	46 140,832	12,760	12,290
1							51	27	94 334	3 372,154	42 524,647	12,611	12,141
2							52	28	93 857	3 142,949	39 152,493	12,457	11,988
3							53	29	93 339	2 927,969	36 009,544	12,298	11,829
4							54	30	92 778	2 726,335	33 081,576	12,134	11,665
5							55	31	92 158	2 536,881	30 355,241	11,966	11,496
6							56	32	91 493	2 359,306	27 818,360	11,791	11,322
7							57	33	90 780	2 192,899	25 459,054	11,610	11,141
8							58	34	90 024	2 037,140	23 266,155	11,421	10,952
9							59	35	89 192	1 890,686	21 229,015	11,228	10,759
10							60	36	88 298	1 753,389	19 338,329	11,029	10,560
11							61	37	87 321	1 624,345	17 584,940	10,826	10,357
12							62	38	86 294	1 503,736	15 960,595	10,614	10,145
13							63	39	85 183	1 390,514	14 456,859	10,397	9,928
14							64	40	84 005	1 284,577	13 066,345	10,172	9,703
15							65	41	82 739	1 185,210	11 781,768	9,941	9,472
16							66	42	81 381	1 092,054	10 596,558	9,703	9,234
17							67	43	79 949	1 004,996	9 504,504	9,457	8,988
18							68	44	78 425	923,500	8 499,508	9,204	8,734
19							69	45	76 797	847,145	7 576,008	8,943	8,474
20							70	46	75 035	775,373	6 728,863	8,678	8,209
21							71	47	73 151	708,112	5 953,489	8,408	7,938
22							72	48	71 138	645,078	5 245,378	8,131	7,662
23							73	49	68 940	585,622	4 600,299	7,855	7,386
24	0	98 988	20 642,067	309 862,474	15,011	14,542	74	50	66 591	529,895	4 014,677	7,576	7,107
25	1	98 614	19 263,856	289 220,406	15,014	14,545	75	51	64 037	477,353	3 484,782	7,300	6,831
26	2	98 528	18 029,944	269 956,550	14,973	14,504	76	52	61 340	428,338	3 007,429	7,021	6,552
27	3	98 452	16 876,841	251 926,607	14,927	14,458	77	53	58 469	382,471	2 579,091	6,743	6,274
28	4	98 375	15 797,415	235 049,766	14,879	14,410	78	54	55 394	339,446	2 196,620	6,471	6,002
29	5	98 303	14 787,572	219 252,351	14,827	14,358	79	55	52 146	299,334	1 857,174	6,204	5,735
30	6	98 231	13 842,362	204 464,778	14,771	14,302	80	56	48 810	262,471	1 557,840	5,935	5,466
31	7	98 157	12 957,431	190 622,416	14,711	14,242	81	57	45 323	228,309	1 295,369	5,674	5,205
32	8	98 077	12 128,099	177 664,984	14,649	14,180	82	58	41 757	197,045	1 067,060	5,415	4,946
33	9	97 997	11 352,030	165 536,886	14,582	14,113	83	59	38 144	168,614	870,015	5,160	4,691
34	10	97 920	10 625,822	154 184,856	14,510	14,041	84	60	34 534	143,003	701,401	4,905	4,436
35	11	97 833	9 945,088	143 559,034	14,435	13,966	85	61	30 901	119,868	558,397	4,658	4,189
36	12	97 740	9 307,439	133 613,946	14,356	13,886	86	62	27 260	99,056	438,529	4,427	3,958
37	13	97 644	8 710,291	124 306,507	14,271	13,802	87	63	23 685	80,626	339,473	4,210	3,741
38	14	97 538	8 150,663	115 596,216	14,182	13,713	88	64	20 189	64,380	258,846	4,021	3,551
39	15	97 421	7 626,117	107 445,553	14,089	13,620	89	65	17 021	50,843	194,467	3,825	3,356
40	16	97 293	7 134,550	99 819,437	13,991	13,522	90	66	14 113	39,493	143,623	3,637	3,168
41	17	97 145	6 673,234	92 684,887	13,889	13,420	91	67	11 620	30,461	104,130	3,419	2,949
42	18	96 983	6 240,892	86 011,653	13,782	13,313	92	68	9 279	22,786	73,669	3,233	2,764
43	19	96 806	5 835,566	79 770,761	13,670	13,201	93	69	7 192	16,544	50,884	3,076	2,607
44	20	96 599	5 454,886	73 935,196	13,554	13,085	94	70	5 447	11,738	34,340	2,925	2,456
45	21	96 373	5 098,013	68 480,309	13,433	12,964	95	71	4 021	8,117	22,601	2,785	2,315
46	22	96 120	4 763,115	63 382,296	13,307	12,838	96	72	2 888	5,460	14,485	2,653	2,184
47	23	95 833	4 448,622	58 619,181	13,177	12,708	97	73	2 013	3,566	9,024	2,531	2,061
48	24	95 515	4 153,491	54 170,560	13,042	12,573	98	74	1 361	2,259	5,458	2,417	1,948
49	25	95 156	3 876,237	50 017,068	12,904	12,434	99	75	891	1,385	3,200	2,310	1,841
							100	76	564	0,821	1,814	2,211	1,742



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	3 616,990	46 176,005	12,766	12,297
1							51	26	94 359	3 373,055	42 559,014	12,617	12,148
2							52	27	93 881	3 143,760	39 185,959	12,465	11,996
3							53	28	93 363	2 928,729	36 042,199	12,306	11,837
4							54	29	92 804	2 727,091	33 113,470	12,142	11,673
5							55	30	92 183	2 537,577	30 386,379	11,975	11,505
6							56	31	91 522	2 360,075	27 848,801	11,800	11,331
7							57	32	90 811	2 193,659	25 488,726	11,619	11,150
8							58	33	90 057	2 037,877	23 295,067	11,431	10,962
9							59	34	89 228	1 891,454	21 257,190	11,239	10,769
10							60	35	88 336	1 754,136	19 365,736	11,040	10,571
11							61	36	87 362	1 625,103	17 611,600	10,837	10,368
12							62	37	86 339	1 504,528	15 986,497	10,626	10,156
13							63	38	85 233	1 391,334	14 481,968	10,409	9,940
14							64	39	84 064	1 285,481	13 090,634	10,183	9,714
15							65	40	82 798	1 186,056	11 805,153	9,953	9,484
16							66	41	81 449	1 092,962	10 619,098	9,716	9,247
17							67	42	80 025	1 005,948	9 526,136	9,470	9,001
18							68	43	78 508	924,476	8 520,188	9,216	8,747
19							69	44	76 884	848,104	7 595,712	8,956	8,487
20							70	45	75 136	776,424	6 747,608	8,691	8,221
21							71	46	73 265	709,211	5 971,184	8,419	7,950
22							72	47	71 261	646,200	5 261,973	8,143	7,674
23							73	48	69 068	586,709	4 615,773	7,867	7,398
24							74	49	66 730	531,005	4 029,063	7,588	7,118
25	0	98 931	19 325,691	289 348,479	14,972	14,503	75	50	64 187	478,471	3 498,058	7,311	6,842
26	1	98 556	18 035,072	270 022,788	14,972	14,503	76	51	61 494	429,408	3 019,587	7,032	6,563
27	2	98 468	16 879,562	251 987,717	14,929	14,459	77	52	58 631	383,534	2 590,179	6,753	6,284
28	3	98 390	15 799,681	235 108,154	14,881	14,411	78	53	55 563	340,480	2 206,645	6,481	6,012
29	4	98 314	14 789,345	219 308,474	14,829	14,360	79	54	52 312	300,291	1 866,165	6,215	5,745
30	5	98 239	13 843,615	204 519,129	14,774	14,304	80	55	48 987	263,419	1 565,874	5,944	5,475
31	6	98 165	12 958,470	190 675,514	14,714	14,245	81	56	45 496	229,179	1 302,455	5,683	5,214
32	7	98 085	12 129,112	177 717,044	14,652	14,183	82	57	41 930	197,861	1 073,276	5,424	4,955
33	8	98 003	11 352,735	165 587,932	14,586	14,117	83	58	38 319	169,386	875,415	5,168	4,699
34	9	97 926	10 626,497	154 235,197	14,514	14,045	84	59	34 700	143,690	706,028	4,914	4,444
35	10	97 841	9 945,889	143 608,701	14,439	13,970	85	60	31 071	120,527	562,339	4,666	4,197
36	11	97 748	9 308,178	133 662,812	14,360	13,891	86	61	27 416	99,623	441,811	4,435	3,966
37	12	97 651	8 710,959	124 354,633	14,276	13,807	87	62	23 835	81,135	342,189	4,218	3,748
38	13	97 547	8 151,465	115 643,674	14,187	13,718	88	63	20 325	64,812	261,053	4,028	3,559
39	14	97 433	7 627,061	107 492,210	14,094	13,624	89	64	17 144	51,212	196,241	3,832	3,363
40	15	97 306	7 135,517	99 865,149	13,996	13,526	90	65	14 224	39,801	145,029	3,644	3,175
41	16	97 160	6 674,307	92 729,632	13,894	13,424	91	66	11 717	30,713	105,228	3,426	2,957
42	17	97 001	6 241,987	86 055,325	13,787	13,317	92	67	9 364	22,993	74,515	3,241	2,772
43	18	96 827	5 836,841	79 813,338	13,674	13,205	93	68	7 263	16,708	51,522	3,084	2,615
44	19	96 620	5 456,059	73 976,497	13,559	13,089	94	69	5 508	11,869	34,814	2,933	2,464
45	20	96 393	5 099,089	68 520,437	13,438	12,969	95	70	4 070	8,215	22,946	2,793	2,324
46	21	96 141	4 764,145	63 421,348	13,312	12,843	96	71	2 927	5,534	14,731	2,662	2,193
47	22	95 855	4 449,644	58 657,204	13,182	12,713	97	72	2 045	3,622	9,196	2,539	2,070
48	23	95 537	4 154,436	54 207,559	13,048	12,579	98	73	1 385	2,298	5,574	2,425	1,956
49	24	95 178	3 877,118	50 053,123	12,910	12,441	99	74	909	1,412	3,276	2,319	1,850
							100	75	576	0,839	1,864	2,220	1,751

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 496 476,807	14,965	14,495	50	50	93 003	3 157,247	37 458,365	11,864	11,395
1	1	99 275	92 780,511	1 396 476,807	15,051	14,582	51	51	92 389	2 931,228	34 301,118	11,702	11,232
2	2	99 212	86 655,249	1 303 696,296	15,045	14,575	52	52	91 717	2 719,523	31 369,889	11,535	11,066
3	3	99 177	80 957,572	1 217 041,047	15,033	14,564	53	53	90 982	2 521,237	28 650,366	11,364	10,894
4	4	99 147	75 639,011	1 136 083,475	15,020	14,550	54	54	90 185	2 335,657	26 129,129	11,187	10,718
5	5	99 121	70 672,007	1 060 444,464	15,005	14,536	55	55	89 321	2 161,959	23 793,472	11,006	10,536
6	6	99 101	66 034,989	989 772,457	14,989	14,519	56	56	88 386	1 999,365	21 631,513	10,819	10,350
7	7	99 082	61 703,489	923 737,468	14,971	14,501	57	57	87 395	1 847,612	19 632,148	10,626	10,156
8	8	99 064	57 656,418	862 033,979	14,951	14,482	58	58	86 341	1 705,919	17 784,536	10,425	9,956
9	9	99 049	53 875,976	804 377,561	14,930	14,461	59	59	85 187	1 573,014	16 078,617	10,222	9,752
10	10	99 034	50 343,860	750 501,586	14,908	14,438	60	60	83 967	1 449,040	14 505,603	10,010	9,541
11	11	99 017	47 042,340	700 157,725	14,884	14,414	61	61	82 622	1 332,558	13 056,563	9,798	9,329
12	12	99 000	43 957,037	653 115,385	14,858	14,389	62	62	81 229	1 224,379	11 724,005	9,575	9,106
13	13	98 982	41 073,899	609 158,348	14,831	14,361	63	63	79 727	1 123,120	10 499,625	9,349	8,879
14	14	98 963	38 379,685	568 084,449	14,802	14,332	64	64	78 155	1 028,952	9 376,505	9,113	8,643
15	15	98 935	35 858,509	529 704,764	14,772	14,303	65	65	76 477	940,995	8 347,554	8,871	8,401
16	16	98 902	33 501,390	493 846,255	14,741	14,272	66	66	74 702	859,025	7 406,558	8,622	8,153
17	17	98 856	31 295,394	460 344,866	14,710	14,240	67	67	72 853	782,955	6 547,534	8,363	7,893
18	18	98 805	29 232,913	429 049,472	14,677	14,207	68	68	70 895	712,061	5 764,579	8,096	7,626
19	19	98 729	27 299,332	399 816,559	14,646	14,176	69	69	68 821	646,009	5 052,518	7,821	7,352
20	20	98 654	25 493,998	372 517,227	14,612	14,142	70	70	66 595	584,217	4 406,509	7,543	7,073
21	21	98 574	23 806,908	347 023,230	14,577	14,107	71	71	64 247	526,748	3 822,293	7,256	6,787
22	22	98 497	22 232,094	323 216,322	14,538	14,069	72	72	61 752	473,171	3 295,545	6,965	6,495
23	23	98 419	20 761,195	300 984,228	14,497	14,028	73	73	59 028	422,707	2 822,374	6,677	6,207
24	24	98 342	19 387,889	280 223,033	14,454	13,984	74	74	56 145	375,760	2 399,667	6,386	5,917
25	25	98 263	18 104,966	260 835,144	14,407	13,937	75	75	53 072	331,960	2 023,907	6,097	5,627
26	26	98 183	16 906,733	242 730,178	14,357	13,887	76	76	49 829	291,283	1 691,947	5,809	5,339
27	27	98 097	15 786,816	225 823,445	14,305	13,835	77	77	46 421	253,609	1 400,664	5,523	5,053
28	28	98 010	14 740,889	210 036,629	14,249	13,779	78	78	42 837	218,717	1 147,055	5,244	4,775
29	29	97 924	13 764,419	195 295,740	14,188	13,719	79	79	39 108	186,616	928,338	4,975	4,505
30	30	97 833	12 852,101	181 531,321	14,125	13,655	80	80	35 359	157,689	741,722	4,704	4,234
31	31	97 742	12 000,036	168 679,220	14,057	13,587	81	81	31 529	131,408	584,033	4,444	3,975
32	32	97 637	11 203,021	156 679,183	13,985	13,516	82	82	27 725	107,993	452,626	4,191	3,722
33	33	97 531	10 458,673	145 476,163	13,910	13,440	83	83	23 995	87,351	344,633	3,945	3,476
34	34	97 425	9 763,828	135 017,490	13,828	13,359	84	84	20 410	69,441	257,282	3,705	3,236
35	35	97 306	9 114,000	125 253,662	13,743	13,273	85	85	17 005	54,070	187,842	3,474	3,005
36	36	97 181	8 506,758	116 139,662	13,653	13,183	86	86	13 800	41,008	133,772	3,262	2,793
37	37	97 047	7 939,285	107 632,904	13,557	13,087	87	87	10 900	30,272	92,763	3,064	2,595
38	38	96 900	7 408,660	99 693,619	13,456	12,987	88	88	8 281	21,494	62,491	2,907	2,438
39	39	96 738	6 912,449	92 284,959	13,351	12,881	89	89	6 150	14,918	40,997	2,748	2,279
40	40	96 557	6 448,111	85 372,510	13,240	12,770	90	90	4 421	10,022	26,080	2,602	2,133
41	41	96 357	6 013,766	78 924,399	13,124	12,654	91	91	3 126	6,623	16,058	2,424	1,955
42	42	96 134	5 607,331	72 910,633	13,003	12,533	92	92	2 083	4,124	9,434	2,287	1,818
43	43	95 888	5 227,096	67 303,302	12,876	12,406	93	93	1 322	2,447	5,310	2,170	1,700
44	44	95 602	4 870,595	62 076,206	12,745	12,276	94	94	803	1,389	2,863	2,061	1,592
45	45	95 291	4 537,135	57 205,611	12,608	12,139	95	95	465	0,751	1,474	1,962	1,492
46	46	94 933	4 224,370	52 668,477	12,468	11,998	96	96	256	0,386	0,723	1,872	1,402
47	47	94 524	3 931,028	48 444,107	12,324	11,854	97	97	133	0,188	0,337	1,790	1,320
48	48	94 068	3 656,138	44 513,079	12,175	11,705	98	98	66	0,087	0,148	1,715	1,245
49	49	93 563	3 398,576	40 856,941	12,022	11,552	99	99	30	0,038	0,062	1,647	1,178
							100	100	13	0,015	0,024	1,585	1,116

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 495 606,138	15,004	14,535	50	51	92 786	3 149,870	37 185,157	11,805	11,336
1	2	99 247	92 754,131	1 395 926,100	15,050	14,580	51	52	92 159	2 923,927	34 035,287	11,640	11,171
2	3	99 196	86 641,279	1 303 171,969	15,041	14,571	52	53	91 463	2 711,988	31 111,359	11,472	11,002
3	4	99 162	80 945,964	1 216 530,690	15,029	14,559	53	54	90 705	2 513,575	28 399,372	11,298	10,829
4	5	99 135	75 629,946	1 135 584,727	15,015	14,546	54	55	89 897	2 328,216	25 885,797	11,118	10,649
5	6	99 112	70 665,615	1 059 954,781	15,000	14,530	55	56	89 000	2 154,181	23 557,581	10,936	10,466
6	7	99 093	66 029,694	989 289,166	14,982	14,513	56	57	88 051	1 991,782	21 403,400	10,746	10,276
7	8	99 074	61 698,334	923 259,472	14,964	14,495	57	58	87 034	1 839,988	19 411,618	10,550	10,080
8	9	99 058	57 652,837	861 561,138	14,944	14,474	58	59	85 947	1 698,141	17 571,630	10,348	9,878
9	10	99 042	53 872,555	803 908,301	14,922	14,453	59	60	84 780	1 565,498	15 873,490	10,140	9,670
10	11	99 026	50 339,805	750 035,746	14,899	14,430	60	61	83 508	1 441,117	14 307,992	9,928	9,459
11	12	99 009	47 038,604	699 695,941	14,875	14,405	61	62	82 152	1 324,982	12 866,875	9,711	9,241
12	13	98 992	43 953,668	652 657,338	14,849	14,379	62	63	80 719	1 216,697	11 541,893	9,486	9,017
13	14	98 972	41 069,858	608 703,670	14,821	14,352	63	64	79 195	1 115,630	10 325,197	9,255	8,786
14	15	98 951	38 374,934	567 633,811	14,792	14,322	64	65	77 593	1 021,547	9 209,566	9,015	8,546
15	16	98 921	35 853,648	529 258,878	14,762	14,292	65	66	75 885	933,710	8 188,019	8,769	8,300
16	17	98 886	33 496,004	493 405,229	14,730	14,261	66	67	74 088	851,964	7 254,309	8,515	8,045
17	18	98 839	31 289,900	459 909,226	14,698	14,229	67	68	72 196	775,893	6 402,345	8,252	7,782
18	19	98 784	29 226,527	428 619,325	14,665	14,196	68	69	70 200	705,086	5 626,453	7,980	7,510
19	20	98 708	27 293,461	399 392,798	14,633	14,164	69	70	68 066	638,924	4 921,366	7,703	7,233
20	21	98 633	25 488,619	372 099,337	14,599	14,129	70	71	65 799	577,236	4 282,443	7,419	6,949
21	22	98 553	23 801,762	346 610,719	14,562	14,093	71	72	63 389	519,719	3 705,207	7,129	6,660
22	23	98 474	22 226,985	322 808,956	14,523	14,054	72	73	60 796	465,849	3 185,487	6,838	6,369
23	24	98 397	20 756,473	300 581,972	14,481	14,012	73	74	58 004	415,379	2 719,639	6,547	6,078
24	25	98 320	19 383,481	279 825,499	14,436	13,967	74	75	55 060	368,499	2 304,259	6,253	5,784
25	26	98 242	18 100,932	260 442,018	14,388	13,919	75	76	51 890	324,564	1 935,761	5,964	5,495
26	27	98 157	16 902,216	242 341,086	14,338	13,868	76	77	48 566	283,899	1 611,197	5,675	5,206
27	28	98 072	15 782,741	225 438,871	14,284	13,814	77	78	45 077	246,266	1 327,298	5,390	4,920
28	29	97 984	14 737,061	209 656,129	14,226	13,757	78	79	41 412	211,443	1 081,032	5,113	4,643
29	30	97 896	13 760,601	194 919,069	14,165	13,695	79	80	37 640	179,608	869,589	4,842	4,372
30	31	97 807	12 848,574	181 158,467	14,099	13,630	80	81	33 826	150,849	689,981	4,574	4,104
31	32	97 710	11 996,124	168 309,893	14,030	13,561	81	82	29 968	124,903	539,131	4,316	3,847
32	33	97 604	11 199,141	156 313,769	13,958	13,488	82	83	26 148	101,852	414,228	4,067	3,597
33	34	97 495	10 454,889	145 114,629	13,880	13,411	83	84	22 436	81,676	312,376	3,825	3,355
34	35	97 385	9 759,866	134 659,740	13,797	13,328	84	85	18 900	64,303	230,699	3,588	3,118
35	36	97 265	9 110,116	124 899,874	13,710	13,241	85	86	15 555	49,458	166,396	3,364	2,895
36	37	97 135	8 502,791	115 789,758	13,618	13,148	86	87	12 466	37,045	116,939	3,157	2,687
37	38	96 996	7 935,103	107 286,967	13,521	13,051	87	88	9 650	26,801	79,894	2,981	2,511
38	39	96 843	7 404,292	99 351,864	13,418	12,949	88	89	7 242	18,797	53,093	2,824	2,355
39	40	96 670	6 907,588	91 947,572	13,311	12,842	89	90	5 290	12,833	34,295	2,673	2,203
40	41	96 488	6 443,515	85 039,984	13,198	12,728	90	91	3 766	8,537	21,463	2,514	2,045
41	42	96 277	6 008,769	78 596,469	13,080	12,611	91	92	2 585	5,477	12,926	2,360	1,891
42	43	96 043	5 602,026	72 587,700	12,957	12,488	92	93	1 689	3,345	7,449	2,227	1,758
43	44	95 786	5 221,578	66 985,674	12,829	12,359	93	94	1 049	1,941	4,104	2,115	1,645
44	45	95 494	4 865,087	61 764,095	12,695	12,226	94	95	622	1,076	2,164	2,011	1,541
45	46	95 162	4 530,998	56 899,008	12,558	12,088	95	96	351	0,568	1,088	1,916	1,447
46	47	94 785	4 217,818	52 368,010	12,416	11,946	96	97	188	0,284	0,520	1,830	1,361
47	48	94 360	3 924,206	48 150,192	12,270	11,801	97	98	95	0,135	0,236	1,752	1,282
48	49	93 894	3 649,363	44 225,986	12,119	11,649	98	99	46	0,060	0,101	1,681	1,211
49	50	93 367	3 391,465	40 576,623	11,964	11,495	99	100	21	0,025	0,041	1,616	1,146

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 495 005,763	15,002	14,533	50	52	92 555	3 142,025	36 889,976	11,741	11,271
1	3	99 231	92 739,177	1 395 354,067	15,046	14,576	51	53	91 904	2 915,826	33 747,951	11,574	11,105
2	4	99 181	86 628,856	1 302 614,890	15,037	14,567	52	54	91 185	2 703,745	30 832,126	11,403	10,934
3	5	99 150	80 936,262	1 215 986,034	15,024	14,554	53	55	90 416	2 505,566	28 128,380	11,226	10,757
4	6	99 126	75 623,104	1 135 049,771	15,009	14,540	54	56	89 574	2 319,840	25 622,814	11,045	10,576
5	7	99 104	70 659,949	1 059 426,667	14,993	14,524	55	57	88 662	2 146,011	23 302,975	10,859	10,389
6	8	99 084	66 024,178	988 766,718	14,976	14,506	56	58	87 687	1 983,563	21 156,964	10,666	10,197
7	9	99 068	61 694,502	922 742,540	14,957	14,487	57	59	86 637	1 831,598	19 173,401	10,468	9,999
8	10	99 052	57 649,177	861 048,039	14,936	14,466	58	60	85 537	1 690,027	17 341,803	10,261	9,792
9	11	99 035	53 868,215	803 398,862	14,914	14,445	59	61	84 317	1 556,938	15 651,776	10,053	9,583
10	12	99 018	50 335,807	749 530,647	14,891	14,421	60	62	83 033	1 432,924	14 094,838	9,836	9,367
11	13	99 002	47 034,998	699 194,840	14,865	14,396	61	63	81 637	1 316,668	12 661,915	9,617	9,147
12	14	98 982	43 949,344	652 159,842	14,839	14,369	62	64	80 181	1 208,583	11 345,247	9,387	8,918
13	15	98 960	41 064,774	608 210,498	14,811	14,341	63	65	78 625	1 107,603	10 136,664	9,152	8,682
14	16	98 938	38 369,731	567 145,724	14,781	14,312	64	66	76 992	1 013,638	9 029,062	8,908	8,438
15	17	98 905	35 847,884	528 775,992	14,751	14,281	65	67	75 262	926,035	8 015,423	8,656	8,186
16	18	98 868	33 490,124	492 928,108	14,719	14,249	66	68	73 420	844,280	7 089,389	8,397	7,927
17	19	98 817	31 283,065	459 437,984	14,686	14,217	67	69	71 489	768,293	6 245,109	8,129	7,659
18	20	98 762	29 220,242	428 154,919	14,653	14,183	68	70	69 430	697,353	5 476,816	7,854	7,384
19	21	98 687	27 287,702	398 934,677	14,620	14,150	69	71	67 253	631,290	4 779,464	7,571	7,101
20	22	98 612	25 483,109	371 646,975	14,584	14,115	70	72	64 921	569,534	4 148,174	7,283	6,814
21	23	98 530	23 796,293	346 163,865	14,547	14,077	71	73	62 408	511,677	3 578,640	6,994	6,524
22	24	98 452	22 221,929	322 367,572	14,507	14,037	72	74	59 742	457,773	3 066,963	6,700	6,230
23	25	98 374	20 751,754	300 145,643	14,464	13,994	73	75	56 883	407,352	2 609,190	6,405	5,936
24	26	98 298	19 379,161	279 393,889	14,417	13,948	74	76	53 833	360,288	2 201,838	6,111	5,642
25	27	98 215	18 096,096	260 014,728	14,369	13,899	75	77	50 575	316,337	1 841,550	5,821	5,352
26	28	98 132	16 897,853	241 918,632	14,317	13,847	76	78	47 160	275,679	1 525,213	5,533	5,063
27	29	98 046	15 778,642	225 020,779	14,261	13,792	77	79	43 578	238,076	1 249,534	5,248	4,779
28	30	97 957	14 732,973	209 242,138	14,202	13,733	78	80	39 857	203,503	1 011,458	4,970	4,501
29	31	97 870	13 756,825	194 509,164	14,139	13,670	79	81	36 007	171,818	807,955	4,702	4,233
30	32	97 775	12 844,385	180 752,340	14,072	13,603	80	82	32 151	143,383	636,137	4,437	3,967
31	33	97 676	11 991,969	167 907,955	14,002	13,532	81	83	28 264	117,801	492,754	4,183	3,713
32	34	97 568	11 195,089	155 915,985	13,927	13,458	82	84	24 449	95,236	374,953	3,937	3,468
33	35	97 456	10 450,646	144 720,897	13,848	13,379	83	85	20 776	75,633	279,718	3,698	3,229
34	36	97 344	9 755,706	134 270,251	13,763	13,294	84	86	17 288	58,818	204,084	3,470	3,000
35	37	97 220	9 105,868	124 514,544	13,674	13,205	85	87	14 051	44,678	145,266	3,251	2,782
36	38	97 084	8 498,313	115 408,676	13,580	13,111	86	88	11 037	32,797	100,588	3,067	2,597
37	39	96 938	7 930,425	106 910,363	13,481	13,012	87	89	8 440	23,438	67,791	2,892	2,423
38	40	96 775	7 399,085	98 979,938	13,377	12,908	88	90	6 230	16,170	44,352	2,743	2,273
39	41	96 602	6 902,664	91 580,854	13,267	12,798	89	91	4 506	10,931	28,182	2,578	2,109
40	42	96 408	6 438,161	84 678,190	13,153	12,683	90	92	3 114	7,059	17,252	2,444	1,974
41	43	96 185	6 003,085	78 240,029	13,033	12,564	91	93	2 096	4,442	10,193	2,295	1,825
42	44	95 941	5 596,113	72 236,944	12,908	12,439	92	94	1 340	2,653	5,751	2,168	1,698
43	45	95 678	5 215,674	66 640,831	12,777	12,308	93	95	812	1,503	3,098	2,061	1,591
44	46	95 365	4 858,507	61 425,157	12,643	12,173	94	96	470	0,813	1,595	1,962	1,492
45	47	95 014	4 523,971	56 566,650	12,504	12,034	95	97	258	0,418	0,782	1,872	1,402
46	48	94 621	4 210,498	52 042,680	12,360	11,891	96	98	135	0,203	0,364	1,790	1,320
47	49	94 185	3 916,935	47 832,181	12,212	11,742	97	99	66	0,094	0,161	1,715	1,246
48	50	93 698	3 641,729	43 915,246	12,059	11,589	98	100	31	0,041	0,067	1,647	1,178
49	51	93 149	3 383,541	40 273,518	11,903	11,433							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 494 382,073	14,998	14,529	50	53	92 298	3 133,319	36 571,261	11,672	11,202
1	4	99 217	92 725,880	1 394 746,442	15,042	14,572	51	54	91 625	2 906,964	33 437,943	11,503	11,033
2	5	99 169	86 618,473	1 302 020,562	15,032	14,562	52	55	90 894	2 695,131	30 530,979	11,328	10,859
3	6	99 141	80 928,941	1 215 402,089	15,018	14,549	53	56	90 091	2 496,552	27 835,848	11,150	10,680
4	7	99 119	75 617,041	1 134 473,147	15,003	14,533	54	57	89 234	2 311,041	25 339,296	10,964	10,495
5	8	99 096	70 654,046	1 058 856,106	14,986	14,517	55	58	88 297	2 137,156	23 028,255	10,775	10,306
6	9	99 078	66 020,077	988 202,061	14,968	14,499	56	59	87 288	1 974,519	20 891,099	10,580	10,111
7	10	99 062	61 690,585	922 181,984	14,949	14,479	57	60	86 223	1 822,846	18 916,580	10,377	9,908
8	11	99 044	57 644,532	860 491,399	14,928	14,458	58	61	85 069	1 680,786	17 093,734	10,170	9,701
9	12	99 027	53 863,937	802 846,866	14,905	14,436	59	62	83 837	1 548,086	15 412,948	9,956	9,487
10	13	99 011	50 331,948	748 982,929	14,881	14,411	60	63	82 512	1 423,932	13 864,863	9,737	9,268
11	14	98 992	47 030,371	698 650,981	14,855	14,386	61	64	81 093	1 307,887	12 440,930	9,512	9,043
12	15	98 970	43 943,903	651 620,610	14,828	14,359	62	65	79 604	1 199,886	11 133,043	9,278	8,809
13	16	98 946	41 059,207	607 676,706	14,800	14,330	63	66	78 016	1 099,027	9 933,157	9,038	8,569
14	17	98 922	38 363,563	566 617,499	14,770	14,300	64	67	76 359	1 005,306	8 834,130	8,788	8,318
15	18	98 888	35 841,592	528 253,936	14,739	14,269	65	68	74 583	917,682	7 828,824	8,531	8,062
16	19	98 847	33 482,808	492 412,344	14,706	14,237	66	69	72 701	836,010	6 911,141	8,267	7,797
17	20	98 796	31 276,338	458 929,536	14,673	14,204	67	70	70 705	759,866	6 075,132	7,995	7,525
18	21	98 742	29 214,077	427 653,198	14,639	14,169	68	71	68 601	689,021	5 315,265	7,714	7,245
19	22	98 665	27 281,804	398 439,121	14,605	14,135	69	72	66 355	622,866	4 626,245	7,427	6,958
20	23	98 589	25 477,253	371 157,317	14,568	14,099	70	73	63 916	560,721	4 003,378	7,140	6,670
21	24	98 508	23 790,880	345 680,064	14,530	14,060	71	74	61 327	502,806	3 442,658	6,847	6,377
22	25	98 430	22 216,877	321 889,183	14,488	14,019	72	75	58 588	448,927	2 939,851	6,549	6,079
23	26	98 352	20 747,129	299 672,307	14,444	13,975	73	76	55 616	398,276	2 490,924	6,254	5,785
24	27	98 272	19 373,984	278 925,177	14,397	13,927	74	77	52 469	351,156	2 092,648	5,959	5,490
25	28	98 190	18 091,425	259 551,193	14,347	13,877	75	78	49 110	307,178	1 741,493	5,669	5,200
26	29	98 106	16 893,464	241 459,769	14,293	13,824	76	79	45 591	266,511	1 434,315	5,382	4,912
27	30	98 019	15 774,265	224 566,305	14,236	13,767	77	80	41 941	229,136	1 167,804	5,097	4,627
28	31	97 930	14 728,930	208 792,039	14,176	13,706	78	81	38 128	194,676	938,669	4,822	4,352
29	32	97 838	13 752,340	194 063,109	14,111	13,642	79	82	34 225	163,314	743,992	4,556	4,086
30	33	97 741	12 839,937	180 310,770	14,043	13,573	80	83	30 323	135,229	580,678	4,294	3,825
31	34	97 641	11 987,631	167 470,833	13,970	13,501	81	84	26 428	110,148	445,449	4,044	3,575
32	35	97 529	11 190,546	155 483,202	13,894	13,425	82	85	22 641	88,189	335,301	3,802	3,333
33	36	97 414	10 446,192	144 292,657	13,813	13,343	83	86	19 004	69,182	247,111	3,572	3,102
34	37	97 298	9 751,157	133 846,464	13,726	13,257	84	87	15 617	53,133	177,929	3,349	2,879
35	38	97 168	9 101,072	124 095,307	13,635	13,166	85	88	12 440	39,555	124,795	3,155	2,685
36	39	97 027	8 493,302	114 994,235	13,539	13,070	86	89	9 652	28,683	85,241	2,972	2,502
37	40	96 870	7 924,848	106 500,933	13,439	12,969	87	90	7 260	20,163	56,558	2,805	2,336
38	41	96 706	7 393,811	98 576,085	13,332	12,863	88	91	5 307	13,774	36,395	2,642	2,173
39	42	96 521	6 896,928	91 182,274	13,221	12,751	89	92	3 726	9,038	22,622	2,503	2,033
40	43	96 317	6 432,070	84 285,346	13,104	12,634	90	93	2 525	5,725	13,584	2,373	1,903
41	44	96 084	5 996,749	77 853,276	12,983	12,513	91	94	1 663	3,523	7,859	2,231	1,761
42	45	95 833	5 589,785	71 856,527	12,855	12,385	92	95	1 038	2,055	4,336	2,110	1,641
43	46	95 549	5 208,619	66 266,742	12,723	12,253	93	96	614	1,136	2,281	2,008	1,539
44	47	95 217	4 850,972	61 058,123	12,587	12,117	94	97	346	0,598	1,145	1,914	1,445
45	48	94 850	4 516,120	56 207,152	12,446	11,976	95	98	185	0,299	0,547	1,828	1,359
46	49	94 446	4 202,697	51 691,032	12,299	11,830	96	99	94	0,142	0,248	1,750	1,281
47	50	93 988	3 908,740	47 488,335	12,149	11,680	97	100	45	0,063	0,106	1,679	1,210
48	51	93 479	3 633,220	43 579,595	11,995	11,525							
49	52	92 917	3 375,114	39 946,375	11,836	11,366							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 493 719,786	14,994	14,524	50	54	92 018	3 123,796	36 227,791	11,597	11,128
1	5	99 205	92 714,767	1 394 098,441	15,036	14,567	51	55	91 333	2 897,702	33 103,995	11,424	10,955
2	6	99 161	86 610,638	1 301 383,674	15,026	14,556	52	56	90 567	2 685,435	30 206,293	11,248	10,779
3	7	99 133	80 922,452	1 214 773,036	15,012	14,542	53	57	89 749	2 487,083	27 520,858	11,066	10,596
4	8	99 110	75 610,724	1 133 850,584	14,996	14,526	54	58	88 866	2 301,505	25 033,775	10,877	10,408
5	9	99 090	70 649,657	1 058 239,860	14,979	14,509	55	59	87 894	2 127,411	22 732,270	10,685	10,216
6	10	99 072	66 015,886	987 590,203	14,960	14,490	56	60	86 871	1 965,084	20 604,859	10,485	10,016
7	11	99 054	61 685,615	921 574,317	14,940	14,470	57	61	85 752	1 812,879	18 639,776	10,282	9,812
8	12	99 036	57 639,954	859 888,702	14,918	14,449	58	62	84 585	1 671,230	16 826,897	10,069	9,599
9	13	99 019	53 859,808	802 248,748	14,895	14,426	59	63	83 311	1 538,372	15 155,667	9,852	9,382
10	14	99 001	50 326,997	748 388,939	14,871	14,401	60	64	81 962	1 414,437	13 617,295	9,627	9,158
11	15	98 980	47 024,549	698 061,942	14,845	14,375	61	65	80 509	1 298,476	12 202,858	9,398	8,928
12	16	98 957	43 937,946	651 037,393	14,817	14,348	62	66	78 988	1 190,596	10 904,383	9,159	8,689
13	17	98 930	41 052,607	607 099,447	14,788	14,319	63	67	77 375	1 089,993	9 713,786	8,912	8,442
14	18	98 904	38 356,829	566 046,840	14,757	14,288	64	68	75 670	996,239	8 623,793	8,656	8,187
15	19	98 866	35 833,762	527 690,012	14,726	14,257	65	69	73 852	908,694	7 627,554	8,394	7,924
16	20	98 825	33 475,608	491 856,249	14,693	14,223	66	70	71 904	826,841	6 718,861	8,126	7,656
17	21	98 775	31 269,739	458 380,641	14,659	14,189	67	71	69 860	750,787	5 892,020	7,848	7,378
18	22	98 720	29 207,762	427 110,903	14,623	14,154	68	72	67 685	679,827	5 141,233	7,563	7,093
19	23	98 643	27 275,535	397 903,140	14,588	14,119	69	73	65 328	613,227	4 461,406	7,275	6,806
20	24	98 567	25 471,459	370 627,606	14,551	14,081	70	74	62 808	551,000	3 848,178	6,984	6,514
21	25	98 485	23 785,471	345 156,147	14,511	14,042	71	75	60 142	493,090	3 297,178	6,687	6,217
22	26	98 408	22 211,926	321 370,676	14,468	13,999	72	76	57 282	438,924	2 804,088	6,389	5,919
23	27	98 326	20 741,587	299 158,750	14,423	13,954	73	77	54 206	388,181	2 365,163	6,093	5,623
24	28	98 247	19 368,983	278 417,163	14,374	13,905	74	78	50 949	340,988	1 976,983	5,798	5,328
25	29	98 164	18 086,726	259 048,180	14,323	13,853	75	79	47 477	296,961	1 635,995	5,509	5,040
26	30	98 079	16 888,778	240 961,454	14,268	13,798	76	80	43 879	256,503	1 339,033	5,220	4,751
27	31	97 992	15 769,936	224 072,676	14,209	13,739	77	81	40 122	219,197	1 082,530	4,939	4,469
28	32	97 898	14 724,128	208 302,740	14,147	13,678	78	82	36 241	185,041	863,333	4,666	4,196
29	33	97 804	13 747,577	193 578,612	14,081	13,611	79	83	32 279	154,027	678,292	4,404	3,934
30	34	97 706	12 835,291	179 831,035	14,011	13,541	80	84	28 353	126,445	524,265	4,146	3,677
31	35	97 601	11 982,766	166 995,744	13,936	13,467	81	85	24 473	101,999	397,821	3,900	3,431
32	36	97 487	11 185,777	155 012,978	13,858	13,389	82	86	20 709	80,667	295,822	3,667	3,198
33	37	97 369	10 441,321	143 827,202	13,775	13,305	83	87	17 167	62,496	215,154	3,443	2,973
34	38	97 247	9 746,021	133 385,880	13,686	13,217	84	88	13 827	47,041	152,658	3,245	2,776
35	39	97 111	9 095,706	123 639,859	13,593	13,124	85	89	10 879	34,592	105,617	3,053	2,584
36	40	96 959	8 487,329	114 544,153	13,496	13,026	86	90	8 303	24,674	71,025	2,879	2,409
37	41	96 801	7 919,199	106 056,824	13,392	12,923	87	91	6 184	17,175	46,351	2,699	2,229
38	42	96 625	7 387,667	98 137,624	13,284	12,814	88	92	4 388	11,389	29,177	2,562	2,092
39	43	96 430	6 890,404	90 749,958	13,170	12,701	89	93	3 022	7,330	17,788	2,427	1,957
40	44	96 215	6 425,281	83 859,554	13,051	12,582	90	94	2 003	4,540	10,458	2,303	1,834
41	45	95 975	5 989,967	77 434,273	12,927	12,458	91	95	1 288	2,729	5,918	2,169	1,699
42	46	95 703	5 582,224	71 444,305	12,799	12,329	92	96	784	1,553	3,189	2,054	1,584
43	47	95 401	5 200,541	65 862,081	12,664	12,195	93	97	452	0,836	1,636	1,957	1,488
44	48	95 052	4 842,553	60 661,540	12,527	12,057	94	98	248	0,428	0,800	1,868	1,398
45	49	94 674	4 507,751	55 818,987	12,383	11,913	95	99	129	0,208	0,372	1,786	1,317
46	50	94 248	4 193,904	51 311,235	12,235	11,765	96	100	63	0,096	0,164	1,712	1,243
47	51	93 769	3 899,608	47 117,331	12,083	11,613							
48	52	93 246	3 624,170	43 217,723	11,925	11,455							
49	53	92 659	3 365,762	39 593,553	11,764	11,294							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 493 013,817	14,989	14,519	50	55	91 725	3 113,843	35 858,245	11,516	11,046
1	6	99 196	92 706,380	1 393 404,412	15,030	14,561	51	56	91 004	2 887,277	32 744,402	11,341	10,871
2	7	99 153	86 603,694	1 300 698,032	15,019	14,549	52	57	90 224	2 675,249	29 857,125	11,161	10,691
3	8	99 125	80 915,692	1 214 094,338	15,004	14,535	53	58	89 379	2 476,821	27 181,875	10,975	10,505
4	9	99 104	75 606,027	1 133 178,646	14,988	14,518	54	59	88 461	2 291,011	24 705,055	10,783	10,314
5	10	99 084	70 645,172	1 057 572,619	14,970	14,501	55	60	87 474	2 117,245	22 414,044	10,586	10,117
6	11	99 064	66 010,568	986 927,447	14,951	14,482	56	61	86 396	1 954,339	20 296,799	10,386	9,916
7	12	99 046	61 680,716	920 916,879	14,930	14,461	57	62	85 264	1 802,572	18 342,460	10,176	9,706
8	13	99 029	57 635,536	859 236,163	14,908	14,439	58	63	84 055	1 660,743	16 539,888	9,959	9,490
9	14	99 009	53 854,510	801 600,627	14,885	14,415	59	64	82 756	1 528,113	14 879,145	9,737	9,267
10	15	98 989	50 320,767	747 746,117	14,860	14,390	60	65	81 372	1 404,259	13 351,032	9,508	9,038
11	16	98 966	47 018,174	697 425,350	14,833	14,364	61	66	79 886	1 288,423	11 946,773	9,272	8,803
12	17	98 941	43 930,883	650 407,176	14,805	14,336	62	67	78 338	1 180,810	10 658,350	9,026	8,557
13	18	98 913	41 045,400	606 476,293	14,776	14,306	63	68	76 677	1 080,162	9 477,541	8,774	8,305
14	19	98 883	38 348,450	565 430,893	14,745	14,275	64	69	74 929	986,481	8 397,379	8,512	8,043
15	20	98 845	35 826,056	527 082,443	14,712	14,243	65	70	73 042	898,727	7 410,898	8,246	7,776
16	21	98 805	33 468,545	491 256,387	14,678	14,209	66	71	71 045	816,961	6 512,171	7,971	7,502
17	22	98 754	31 262,980	457 787,842	14,643	14,174	67	72	68 928	740,770	5 695,209	7,688	7,219
18	23	98 698	29 201,050	426 524,862	14,606	14,137	68	73	66 638	669,307	4 954,440	7,402	6,933
19	24	98 620	27 269,331	397 323,811	14,570	14,101	69	74	64 196	602,597	4 285,133	7,111	6,642
20	25	98 544	25 465,667	370 054,481	14,532	14,062	70	75	61 594	540,353	3 682,536	6,815	6,346
21	26	98 463	23 780,171	344 588,813	14,491	14,021	71	76	58 802	482,104	3 142,184	6,518	6,048
22	27	98 381	22 205,992	320 808,642	14,447	13,977	72	77	55 830	427,799	2 660,080	6,218	5,749
23	28	98 301	20 736,233	298 602,650	14,400	13,931	73	78	52 637	376,941	2 232,282	5,922	5,453
24	29	98 221	19 363,952	277 866,418	14,350	13,880	74	79	49 255	329,647	1 855,340	5,628	5,159
25	30	98 137	18 081,709	258 502,465	14,296	13,827	75	80	45 694	285,810	1 525,693	5,338	4,869
26	31	98 052	16 884,143	240 420,756	14,239	13,770	76	81	41 976	245,378	1 239,882	5,053	4,583
27	32	97 960	15 764,795	223 536,613	14,179	13,710	77	82	38 136	208,348	994,505	4,773	4,304
28	33	97 864	14 719,028	207 771,818	14,116	13,646	78	83	34 180	174,518	786,157	4,505	4,035
29	34	97 768	13 742,603	193 052,790	14,048	13,578	79	84	30 182	144,021	611,639	4,247	3,777
30	35	97 666	12 830,082	179 310,187	13,976	13,506	80	85	26 256	117,090	467,618	3,994	3,524
31	36	97 559	11 977,659	166 480,105	13,899	13,430	81	86	22 385	93,299	350,528	3,757	3,288
32	37	97 442	11 180,561	154 502,445	13,819	13,349	82	87	18 708	72,871	257,229	3,530	3,060
33	38	97 318	10 435,822	143 321,885	13,734	13,264	83	88	15 199	55,330	184,358	3,332	2,862
34	39	97 190	9 740,275	132 886,063	13,643	13,173	84	89	12 092	41,139	129,028	3,136	2,667
35	40	97 043	9 089,309	123 145,788	13,548	13,079	85	90	9 359	29,757	87,889	2,954	2,484
36	41	96 890	8 481,280	114 056,478	13,448	12,979	86	91	7 073	21,017	58,132	2,766	2,296
37	42	96 721	7 912,618	105 575,198	13,343	12,873	87	92	5 113	14,201	37,114	2,614	2,144
38	43	96 534	7 380,678	97 662,580	13,232	12,763	88	93	3 559	9,237	22,914	2,481	2,011
39	44	96 328	6 883,131	90 281,902	13,116	12,647	89	94	2 397	5,814	13,677	2,353	1,883
40	45	96 106	6 418,015	83 398,771	12,994	12,525	90	95	1 551	3,517	7,863	2,236	1,766
41	46	95 845	5 981,866	76 980,756	12,869	12,400	91	96	973	2,062	4,346	2,108	1,639
42	47	95 555	5 573,567	70 998,890	12,739	12,269	92	97	577	1,143	2,285	1,999	1,530
43	48	95 235	5 191,516	65 425,323	12,602	12,133	93	98	323	0,599	1,142	1,908	1,438
44	49	94 876	4 833,580	60 233,808	12,462	11,992	94	99	172	0,298	0,543	1,823	1,353
45	50	94 476	4 498,321	55 400,227	12,316	11,846	95	100	87	0,140	0,245	1,745	1,276
46	51	94 028	4 184,105	50 901,906	12,166	11,696							
47	52	93 535	3 889,895	46 717,801	12,010	11,541							
48	53	92 988	3 614,128	42 827,906	11,850	11,381							
49	54	92 378	3 355,533	39 213,778	11,686	11,217							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 492 258,156	14,982	14,513	50	56	91 395	3 102,641	35 460,835	11,429	10,960
1	7	99 188	92 698,947	1 392 657,762	15,023	14,554	51	57	90 659	2 876,326	32 358,194	11,250	10,780
2	8	99 144	86 596,459	1 299 958,815	15,012	14,542	52	58	89 851	2 664,211	29 481,868	11,066	10,596
3	9	99 119	80 910,666	1 213 362,356	14,996	14,527	53	59	88 971	2 465,527	26 817,657	10,877	10,408
4	10	99 098	75 601,228	1 132 451,690	14,979	14,510	54	60	88 038	2 280,064	24 352,130	10,680	10,211
5	11	99 076	70 639,481	1 056 850,463	14,961	14,492	55	61	86 996	2 105,669	22 072,067	10,482	10,013
6	12	99 056	66 005,325	986 210,982	14,941	14,472	56	62	85 904	1 943,228	19 966,398	10,275	9,805
7	13	99 038	61 675,988	920 205,657	14,920	14,450	57	63	84 729	1 791,261	18 023,170	10,062	9,592
8	14	99 019	57 629,866	858 529,669	14,897	14,428	58	64	83 494	1 649,668	16 231,909	9,839	9,370
9	15	98 997	53 847,843	800 899,803	14,873	14,404	59	65	82 160	1 517,117	14 582,241	9,612	9,142
10	16	98 975	50 313,945	747 051,959	14,848	14,378	60	66	80 742	1 393,386	13 065,124	9,377	8,907
11	17	98 950	47 010,615	696 738,014	14,821	14,351	61	67	79 229	1 277,832	11 671,738	9,134	8,665
12	18	98 923	43 923,171	649 727,399	14,792	14,323	62	68	77 632	1 170,159	10 393,906	8,882	8,413
13	19	98 891	41 036,434	605 804,227	14,763	14,293	63	69	75 926	1 069,582	9 223,746	8,624	8,154
14	20	98 862	38 340,203	564 767,793	14,730	14,261	64	70	74 107	975,661	8 154,165	8,358	7,888
15	21	98 824	35 818,497	526 427,590	14,697	14,228	65	71	72 169	887,989	7 178,504	8,084	7,614
16	22	98 783	33 461,311	490 609,093	14,662	14,192	66	72	70 097	806,061	6 290,514	7,804	7,335
17	23	98 731	31 255,796	457 147,782	14,626	14,157	67	73	67 861	729,306	5 484,454	7,520	7,051
18	24	98 675	29 194,408	425 891,986	14,588	14,119	68	74	65 483	657,704	4 755,148	7,230	6,760
19	25	98 598	27 263,131	396 697,577	14,551	14,081	69	75	62 955	590,952	4 097,444	6,934	6,464
20	26	98 522	25 459,993	369 434,446	14,510	14,041	70	76	60 222	528,313	3 506,492	6,637	6,168
21	27	98 437	23 773,818	343 974,454	14,469	13,999	71	77	57 311	469,883	2 978,179	6,338	5,869
22	28	98 356	22 200,260	320 200,636	14,423	13,954	72	78	54 214	415,412	2 508,295	6,038	5,569
23	29	98 275	20 730,847	298 000,376	14,375	13,905	73	79	50 886	364,405	2 092,883	5,743	5,274
24	30	98 194	19 358,582	277 269,529	14,323	13,853	74	80	47 405	317,269	1 728,478	5,448	4,978
25	31	98 110	18 076,747	257 910,948	14,268	13,798	75	81	43 712	273,414	1 411,209	5,161	4,692
26	32	98 020	16 878,639	239 834,201	14,209	13,740	76	82	39 898	233,232	1 137,795	4,878	4,409
27	33	97 926	15 759,335	222 955,562	14,148	13,678	77	83	35 968	196,500	904,563	4,603	4,134
28	34	97 829	14 713,703	207 196,228	14,082	13,612	78	84	31 960	163,181	708,063	4,339	3,870
29	35	97 729	13 737,026	192 482,525	14,012	13,542	79	85	27 949	133,366	544,882	4,086	3,616
30	36	97 624	12 824,615	178 745,499	13,938	13,468	80	86	24 016	107,102	411,516	3,842	3,373
31	37	97 514	11 972,074	165 920,884	13,859	13,389	81	87	20 222	84,282	304,414	3,612	3,142
32	38	97 390	11 174,672	153 948,810	13,777	13,307	82	88	16 563	64,515	220,132	3,412	2,943
33	39	97 260	10 429,669	142 774,138	13,689	13,220	83	89	13 292	48,388	155,617	3,216	2,746
34	40	97 121	9 733,425	132 344,469	13,597	13,127	84	90	10 402	35,389	107,228	3,030	2,560
35	41	96 974	9 082,831	122 611,044	13,499	13,030	85	91	7 972	25,347	71,839	2,834	2,365
36	42	96 809	8 474,232	113 528,213	13,397	12,927	86	92	5 848	17,378	46,492	2,675	2,206
37	43	96 629	7 905,134	105 053,981	13,289	12,820	87	93	4 147	11,517	29,114	2,528	2,058
38	44	96 432	7 372,888	97 148,848	13,176	12,707	88	94	2 822	7,326	17,596	2,402	1,933
39	45	96 219	6 875,347	89 775,960	13,058	12,588	89	95	1 856	4,503	10,271	2,281	1,811
40	46	95 976	6 409,334	82 900,613	12,934	12,465	90	96	1 172	2,657	5,768	2,170	1,701
41	47	95 697	5 972,588	76 491,278	12,807	12,338	91	97	716	1,517	3,110	2,050	1,580
42	48	95 389	5 563,894	70 518,690	12,674	12,205	92	98	413	0,818	1,593	1,947	1,477
43	49	95 059	5 181,896	64 954,796	12,535	12,065	93	99	225	0,416	0,775	1,860	1,390
44	50	94 677	4 823,468	59 772,900	12,392	11,923	94	100	116	0,201	0,358	1,779	1,310
45	51	94 255	4 487,811	54 949,432	12,244	11,775							
46	52	93 794	4 173,684	50 461,621	12,090	11,621							
47	53	93 276	3 879,116	46 287,937	11,933	11,463							
48	54	92 705	3 603,144	42 408,821	11,770	11,300							
49	55	92 083	3 344,841	38 805,677	11,602	11,132							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 491 445,782	14,975	14,506	50	57	91 048	3 090,873	35 034,568	11,335	10,865
1	8	99 180	92 691,203	1 391 853,374	15,016	14,547	51	58	90 285	2 864,458	31 943,694	11,152	10,682
2	9	99 138	86 591,080	1 299 162,171	15,003	14,534	52	59	89 442	2 652,063	29 079,237	10,965	10,495
3	10	99 113	80 905,529	1 212 571,091	14,987	14,518	53	60	88 546	2 453,746	26 427,174	10,770	10,301
4	11	99 090	75 595,137	1 131 665,562	14,970	14,501	54	61	87 557	2 267,596	23 973,428	10,572	10,103
5	12	99 068	70 633,871	1 056 070,425	14,951	14,482	55	62	86 501	2 093,697	21 705,832	10,367	9,898
6	13	99 049	66 000,265	985 436,554	14,931	14,461	56	63	85 365	1 931,034	19 612,135	10,156	9,687
7	14	99 028	61 669,921	919 436,289	14,909	14,439	57	64	84 164	1 779,316	17 681,100	9,937	9,468
8	15	99 007	57 622,732	857 766,368	14,886	14,416	58	65	82 893	1 637,797	15 901,784	9,709	9,240
9	16	98 984	53 840,543	800 143,636	14,861	14,392	59	66	81 524	1 505,371	14 263,987	9,475	9,006
10	17	98 959	50 305,857	746 303,092	14,835	14,366	60	67	80 078	1 381,933	12 758,616	9,232	8,763
11	18	98 933	47 002,363	695 997,236	14,808	14,338	61	68	78 514	1 266,306	11 376,683	8,984	8,515
12	19	98 902	43 913,577	648 994,872	14,779	14,309	62	69	76 871	1 158,697	10 110,377	8,726	8,256
13	20	98 870	41 027,609	605 081,295	14,748	14,279	63	70	75 094	1 057,851	8 951,679	8,462	7,993
14	21	98 841	38 332,114	564 053,686	14,715	14,245	64	71	73 222	964,004	7 893,828	8,189	7,719
15	22	98 803	35 810,755	525 721,572	14,681	14,211	65	72	71 206	876,141	6 929,825	7,909	7,440
16	23	98 761	33 453,622	489 910,817	14,644	14,175	66	73	69 012	793,587	6 053,684	7,628	7,159
17	24	98 709	31 248,687	456 457,195	14,607	14,138	67	74	66 685	716,663	5 260,097	7,340	6,870
18	25	98 653	29 187,771	425 208,509	14,568	14,099	68	75	64 217	644,995	4 543,434	7,044	6,575
19	26	98 576	27 257,056	396 020,738	14,529	14,060	69	76	61 553	577,785	3 898,440	6,747	6,278
20	27	98 496	25 453,191	368 763,682	14,488	14,018	70	77	58 696	514,922	3 320,655	6,449	5,979
21	28	98 412	23 767,681	343 310,491	14,444	13,975	71	78	55 652	456,278	2 805,733	6,149	5,680
22	29	98 331	22 194,494	319 542,810	14,397	13,928	72	79	52 411	401,596	2 349,455	5,850	5,381
23	30	98 248	20 725,097	297 348,317	14,347	13,878	73	80	48 975	350,721	1 947,859	5,554	5,084
24	31	98 167	19 353,269	276 623,220	14,293	13,824	74	81	45 349	303,508	1 597,137	5,262	4,793
25	32	98 078	18 070,853	257 269,951	14,237	13,767	75	82	41 549	259,881	1 293,629	4,978	4,508
26	33	97 986	16 872,793	239 199,098	14,177	13,707	76	83	37 630	219,969	1 033,748	4,700	4,230
27	34	97 891	15 753,633	222 326,305	14,113	13,643	77	84	33 631	183,735	813,779	4,429	3,960
28	35	97 789	14 707,732	206 572,672	14,045	13,576	78	85	29 595	151,108	630,044	4,169	3,700
29	36	97 687	13 731,172	191 864,940	13,973	13,503	79	86	25 565	121,990	478,936	3,926	3,457
30	37	97 579	12 818,634	178 133,768	13,896	13,427	80	87	21 695	96,751	356,945	3,689	3,220
31	38	97 463	11 965,768	165 315,134	13,816	13,346	81	88	17 903	74,618	260,194	3,487	3,018
32	39	97 333	11 168,084	153 349,365	13,731	13,262	82	89	14 485	56,421	185,577	3,289	2,820
33	40	97 192	10 422,334	142 181,282	13,642	13,172	83	90	11 434	41,625	129,155	3,103	2,633
34	41	97 052	9 726,487	131 758,948	13,546	13,077	84	91	8 860	30,145	87,530	2,904	2,434
35	42	96 893	9 075,283	122 032,460	13,447	12,977	85	92	6 592	20,959	57,386	2,738	2,269
36	43	96 718	8 466,216	112 957,177	13,342	12,873	86	93	4 743	14,094	36,427	2,585	2,115
37	44	96 527	7 896,789	104 490,961	13,232	12,763	87	94	3 289	9,134	22,333	2,445	1,975
38	45	96 323	7 364,550	96 594,172	13,116	12,647	88	95	2 186	5,674	13,199	2,326	1,856
39	46	96 089	6 866,048	89 229,622	12,996	12,526	89	96	1 403	3,402	7,524	2,211	1,742
40	47	95 827	6 399,394	82 363,574	12,871	12,401	90	97	863	1,956	4,122	2,107	1,638
41	48	95 531	5 962,223	75 964,180	12,741	12,271	91	98	513	1,087	2,166	1,993	1,524
42	49	95 212	5 553,585	70 001,957	12,605	12,135	92	99	287	0,569	1,079	1,896	1,426
43	50	94 860	5 171,055	64 448,372	12,463	11,994	93	100	152	0,281	0,510	1,814	1,344
44	51	94 456	4 812,198	59 277,317	12,318	11,849							
45	52	94 020	4 476,633	54 465,119	12,167	11,697							
46	53	93 534	4 162,119	49 988,486	12,010	11,541							
47	54	92 993	3 867,327	45 826,367	11,850	11,380							
48	55	92 410	3 591,664	41 959,040	11,682	11,213							
49	56	91 752	3 332,808	38 367,376	11,512	11,043							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 490 571,258	14,968	14,498	50	58	90 672	3 078,119	34 577,694	11,233	10,764
1	9	99 173	92 685,445	1 390 987,169	15,008	14,538	51	59	89 873	2 851,397	31 499,575	11,047	10,578
2	10	99 132	86 585,583	1 298 301,724	14,994	14,525	52	60	89 014	2 639,390	28 648,178	10,854	10,385
3	11	99 105	80 899,012	1 211 716,142	14,978	14,509	53	61	88 062	2 440,329	26 008,788	10,658	10,188
4	12	99 082	75 589,133	1 130 817,130	14,960	14,491	54	62	87 059	2 254,704	23 568,458	10,453	9,984
5	13	99 060	70 628,456	1 055 227,996	14,941	14,471	55	63	85 958	2 080,559	21 313,754	10,244	9,775
6	14	99 039	65 993,773	984 599,540	14,920	14,450	56	64	84 796	1 918,157	19 233,195	10,027	9,557
7	15	99 016	61 662,287	918 605,767	14,897	14,428	57	65	83 559	1 766,512	17 315,038	9,802	9,332
8	16	98 993	57 614,921	856 943,481	14,874	14,404	58	66	82 251	1 625,117	15 548,526	9,568	9,098
9	17	98 968	53 831,888	799 328,560	14,849	14,379	59	67	80 854	1 492,997	13 923,409	9,326	8,856
10	18	98 942	50 297,026	745 496,672	14,822	14,352	60	68	79 356	1 369,468	12 430,412	9,077	8,607
11	19	98 911	46 992,096	695 199,646	14,794	14,324	61	69	77 745	1 253,903	11 060,943	8,821	8,352
12	20	98 881	43 904,133	648 207,550	14,764	14,295	62	70	76 028	1 145,989	9 807,040	8,558	8,088
13	21	98 849	41 018,953	604 303,417	14,732	14,263	63	71	74 196	1 045,211	8 661,051	8,286	7,817
14	22	98 819	38 323,828	563 284,464	14,698	14,229	64	72	72 245	951,141	7 615,840	8,007	7,538
15	23	98 780	35 802,526	524 960,635	14,663	14,193	65	73	70 105	862,582	6 664,699	7,726	7,257
16	24	98 738	33 446,012	489 158,109	14,625	14,156	66	74	67 816	779,830	5 802,117	7,440	6,971
17	25	98 686	31 241,582	455 712,097	14,587	14,117	67	75	65 396	702,814	5 022,287	7,146	6,676
18	26	98 631	29 181,267	424 470,515	14,546	14,076	68	76	62 787	630,623	4 319,473	6,850	6,380
19	27	98 550	27 249,774	395 289,248	14,506	14,037	69	77	59 992	563,140	3 688,849	6,551	6,081
20	28	98 470	25 446,621	368 039,474	14,463	13,994	70	78	56 996	500,012	3 125,710	6,251	5,782
21	29	98 386	23 761,508	342 592,854	14,418	13,948	71	79	53 801	441,103	2 625,697	5,953	5,483
22	30	98 303	22 188,338	318 831,346	14,369	13,900	72	80	50 443	386,516	2 184,594	5,652	5,183
23	31	98 221	20 719,409	296 643,008	14,317	13,848	73	81	46 851	335,509	1 798,078	5,359	4,890
24	32	98 135	19 346,959	275 923,599	14,262	13,792	74	82	43 105	288,486	1 462,569	5,070	4,600
25	33	98 044	18 064,595	256 576,640	14,203	13,734	75	83	39 186	245,102	1 174,083	4,790	4,321
26	34	97 951	16 866,688	238 512,046	14,141	13,671	76	84	35 185	205,680	928,981	4,517	4,047
27	35	97 851	15 747,240	221 645,357	14,075	13,606	77	85	31 143	170,141	723,301	4,251	3,782
28	36	97 748	14 701,464	205 898,117	14,005	13,536	78	86	27 071	138,219	553,159	4,002	3,533
29	37	97 642	13 724,769	191 196,653	13,931	13,461	79	87	23 094	110,200	414,940	3,765	3,296
30	38	97 527	12 811,883	177 471,884	13,852	13,383	80	88	19 207	85,658	304,740	3,558	3,088
31	39	97 405	11 958,714	164 660,002	13,769	13,300	81	89	15 657	65,256	219,082	3,357	2,888
32	40	97 264	11 160,229	152 701,288	13,683	13,213	82	90	12 460	48,535	153,826	3,169	2,700
33	41	97 123	10 414,905	141 541,058	13,590	13,121	83	91	9 740	35,456	105,291	2,970	2,500
34	42	96 971	9 718,405	131 126,153	13,493	13,023	84	92	7 326	24,925	69,835	2,802	2,332
35	43	96 801	9 066,698	121 407,748	13,391	12,921	85	93	5 346	16,998	44,909	2,642	2,173
36	44	96 615	8 457,279	112 341,050	13,283	12,814	86	94	3 762	11,178	27,912	2,497	2,027
37	45	96 418	7 887,859	103 883,771	13,170	12,701	87	95	2 548	7,076	16,733	2,365	1,895
38	46	96 193	7 354,589	95 995,911	13,053	12,583	88	96	1 652	4,287	9,658	2,253	1,783
39	47	95 940	6 855,399	88 641,322	12,930	12,461	89	97	1 032	2,504	5,370	2,145	1,675
40	48	95 661	6 388,289	81 785,923	12,802	12,333	90	98	618	1,400	2,866	2,047	1,577
41	49	95 354	5 951,175	75 397,634	12,669	12,200	91	99	357	0,756	1,466	1,939	1,469
42	50	95 013	5 541,966	69 446,459	12,531	12,062	92	100	194	0,384	0,710	1,847	1,377
43	51	94 638	5 158,973	63 904,493	12,387	11,918							
44	52	94 221	4 800,212	58 745,520	12,238	11,769							
45	53	93 760	4 464,228	53 945,308	12,084	11,614							
46	54	93 249	4 149,470	49 481,079	11,925	11,455							
47	55	92 696	3 855,005	45 331,609	11,759	11,290							
48	56	92 077	3 578,743	41 476,604	11,590	11,120							
49	57	91 404	3 320,167	37 897,861	11,414	10,945							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 489 630,275	14,959	14,490	50	59	90 259	3 064,084	34 088,842	11,125	10,656
1	10	99 167	92 679,561	1 390 052,372	14,998	14,529	51	60	89 444	2 837,772	31 024,758	10,933	10,463
2	11	99 124	86 578,607	1 297 372,811	14,985	14,515	52	61	88 528	2 624,958	28 186,986	10,738	10,269
3	12	99 097	80 892,587	1 210 794,203	14,968	14,498	53	62	87 561	2 426,455	25 562,028	10,535	10,065
4	13	99 074	75 583,339	1 129 901,617	14,949	14,480	54	63	86 513	2 240,556	23 135,573	10,326	9,856
5	14	99 050	70 621,508	1 054 318,278	14,929	14,460	55	64	85 385	2 066,685	20 895,016	10,110	9,641
6	15	99 027	65 985,603	983 696,769	14,908	14,438	56	65	84 186	1 904,354	18 828,332	9,887	9,417
7	16	99 003	61 653,928	917 711,166	14,885	14,415	57	66	82 912	1 752,835	16 923,977	9,655	9,186
8	17	98 977	57 605,658	856 057,238	14,861	14,391	58	67	81 575	1 611,759	15 171,142	9,413	8,943
9	18	98 950	53 822,438	798 451,580	14,835	14,365	59	68	80 125	1 479,531	13 559,383	9,165	8,695
10	19	98 920	50 286,039	744 629,142	14,808	14,338	60	69	78 579	1 356,054	12 079,852	8,908	8,439
11	20	98 890	46 981,990	694 343,102	14,779	14,309	61	70	76 893	1 240,150	10 723,798	8,647	8,178
12	21	98 860	43 894,870	647 361,112	14,748	14,278	62	71	75 120	1 132,297	9 483,648	8,376	7,906
13	22	98 828	41 010,087	603 466,242	14,715	14,246	63	72	73 206	1 031,265	8 351,351	8,098	7,629
14	23	98 797	38 315,022	562 456,155	14,680	14,210	64	73	71 127	936,422	7 320,086	7,817	7,348
15	24	98 758	35 794,383	524 141,134	14,643	14,174	65	74	68 889	847,629	6 383,664	7,531	7,062
16	25	98 716	33 438,408	488 346,751	14,604	14,135	66	75	66 505	764,760	5 536,035	7,239	6,769
17	26	98 664	31 234,620	454 908,343	14,564	14,095	67	76	63 939	687,155	4 771,275	6,944	6,474
18	27	98 604	29 173,471	423 673,722	14,523	14,053	68	77	61 195	614,638	4 084,120	6,645	6,175
19	28	98 524	27 242,740	394 500,252	14,481	14,011	69	78	58 255	546,834	3 469,481	6,345	5,875
20	29	98 445	25 440,011	367 257,512	14,436	13,967	70	79	55 101	483,383	2 922,647	6,046	5,577
21	30	98 359	23 754,917	341 817,501	14,389	13,920	71	80	51 781	424,540	2 439,264	5,746	5,276
22	31	98 276	22 182,248	318 062,584	14,339	13,869	72	81	48 255	369,752	2 014,725	5,449	4,979
23	32	98 189	20 712,654	295 880,335	14,285	13,815	73	82	44 532	318,903	1 644,973	5,158	4,689
24	33	98 101	19 340,258	275 167,681	14,228	13,758	74	83	40 653	272,080	1 326,070	4,874	4,404
25	34	98 009	18 058,059	255 827,423	14,167	13,697	75	84	36 640	229,181	1 053,990	4,599	4,129
26	35	97 911	16 859,844	237 769,364	14,103	13,633	76	85	32 582	190,463	824,809	4,331	3,861
27	36	97 810	15 740,529	220 909,520	14,034	13,565	77	86	28 487	155,629	634,347	4,076	3,607
28	37	97 702	14 694,609	205 168,991	13,962	13,493	78	87	24 455	124,861	478,718	3,834	3,365
29	38	97 590	13 717,540	190 474,383	13,885	13,416	79	88	20 446	97,564	353,857	3,627	3,157
30	39	97 470	12 804,329	176 756,843	13,804	13,335	80	89	16 798	74,911	256,293	3,421	2,952
31	40	97 337	11 950,303	163 952,513	13,720	13,250	81	90	13 469	56,135	181,382	3,231	2,762
32	41	97 195	11 152,275	152 002,210	13,630	13,160	82	91	10 614	41,343	125,247	3,029	2,560
33	42	97 042	10 406,251	140 849,935	13,535	13,066	83	92	8 053	29,317	83,904	2,862	2,392
34	43	96 880	9 709,212	130 443,685	13,435	12,966	84	93	5 942	20,215	54,587	2,700	2,231
35	44	96 699	9 057,128	120 734,473	13,330	12,861	85	94	4 240	13,481	34,372	2,550	2,080
36	45	96 506	8 447,716	111 677,345	13,220	12,750	86	95	2 914	8,659	20,891	2,413	1,943
37	46	96 288	7 877,191	103 229,629	13,105	12,635	87	96	1 925	5,346	12,232	2,288	1,819
38	47	96 043	7 343,183	95 352,439	12,985	12,516	88	97	1 216	3,156	6,886	2,182	1,713
39	48	95 774	6 843,502	88 009,256	12,860	12,391	89	98	739	1,793	3,730	2,080	1,611
40	49	95 484	6 376,451	81 165,754	12,729	12,259	90	99	430	0,974	1,937	1,988	1,519
41	50	95 154	5 938,725	74 789,302	12,593	12,124	91	100	241	0,510	0,963	1,887	1,417
42	51	94 791	5 529,018	68 850,577	12,453	11,983							
43	52	94 402	5 146,123	63 321,560	12,305	11,835							
44	53	93 960	4 786,911	58 175,436	12,153	11,684							
45	54	93 475	4 450,661	53 388,525	11,996	11,526							
46	55	92 952	4 136,249	48 937,864	11,831	11,362							
47	56	92 363	3 841,137	44 801,615	11,664	11,194							
48	57	91 728	3 565,169	40 960,478	11,489	11,020							
49	58	91 027	3 306,467	37 395,309	11,310	10,840							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 488 615,618	14,950	14,481	50	60	89 828	3 049,443	33 566,908	11,008	10,538
1	11	99 159	92 672,095	1 389 044,036	14,989	14,519	51	61	88 955	2 822,255	30 517,466	10,813	10,344
2	12	99 116	86 571,731	1 296 371,941	14,975	14,505	52	62	88 024	2 610,034	27 695,210	10,611	10,142
3	13	99 089	80 886,386	1 209 800,210	14,957	14,487	53	63	87 012	2 411,229	25 085,176	10,403	9,934
4	14	99 065	75 575,904	1 128 913,824	14,937	14,468	54	64	85 936	2 225,615	22 673,947	10,188	9,718
5	15	99 038	70 612,766	1 053 337,920	14,917	14,448	55	65	84 771	2 051,813	20 448,332	9,966	9,496
6	16	99 013	65 976,658	982 725,154	14,895	14,426	56	66	83 534	1 889,610	18 396,518	9,736	9,266
7	17	98 987	61 644,016	916 748,496	14,872	14,402	57	67	82 230	1 738,427	16 506,909	9,495	9,026
8	18	98 960	57 595,546	855 104,480	14,847	14,377	58	68	80 840	1 597,221	14 768,481	9,246	8,777
9	19	98 929	53 810,681	797 508,934	14,821	14,351	59	69	79 340	1 465,039	13 171,260	8,990	8,521
10	20	98 899	50 275,225	743 698,252	14,793	14,323	60	70	77 717	1 341,182	11 706,221	8,728	8,259
11	21	98 869	46 972,078	693 423,027	14,762	14,293	61	71	75 974	1 225,333	10 365,040	8,459	7,989
12	22	98 838	43 885,382	646 450,949	14,730	14,261	62	72	74 117	1 117,188	9 139,707	8,181	7,711
13	23	98 805	41 000,663	602 565,568	14,696	14,227	63	73	72 073	1 015,306	8 022,518	7,902	7,432
14	24	98 774	38 306,307	561 564,905	14,660	14,190	64	74	69 894	920,189	7 007,212	7,615	7,145
15	25	98 735	35 786,245	523 258,598	14,622	14,152	65	75	67 558	831,249	6 087,023	7,323	6,853
16	26	98 694	33 430,957	487 472,353	14,581	14,112	66	76	65 023	747,720	5 255,774	7,029	6,560
17	27	98 638	31 226,276	454 041,396	14,540	14,071	67	77	62 319	669,737	4 508,054	6,731	6,262
18	28	98 579	29 165,940	422 815,121	14,497	14,027	68	78	59 423	596,842	3 838,317	6,431	5,962
19	29	98 499	27 235,664	393 649,181	14,453	13,984	69	79	56 318	528,648	3 241,475	6,132	5,662
20	30	98 418	25 432,955	366 413,517	14,407	13,938	70	80	53 031	465,232	2 712,827	5,831	5,362
21	31	98 332	23 748,398	340 980,562	14,358	13,889	71	81	49 535	406,126	2 247,595	5,534	5,065
22	32	98 244	22 175,016	317 232,164	14,306	13,836	72	82	45 867	351,450	1 841,469	5,240	4,770
23	33	98 155	20 705,480	295 057,147	14,250	13,781	73	83	42 000	300,768	1 490,019	4,954	4,485
24	34	98 065	19 333,261	274 351,667	14,191	13,721	74	84	38 013	254,406	1 189,251	4,675	4,205
25	35	97 969	18 050,731	255 018,406	14,128	13,658	75	85	33 930	212,224	934,845	4,405	3,935
26	36	97 869	16 852,659	236 967,675	14,061	13,592	76	86	29 803	174,217	722,621	4,148	3,678
27	37	97 764	15 733,189	220 115,017	13,990	13,521	77	87	25 733	140,588	548,404	3,901	3,431
28	38	97 651	14 686,869	204 381,827	13,916	13,446	78	88	21 651	110,544	407,816	3,689	3,220
29	39	97 533	13 709,452	189 694,958	13,837	13,367	79	89	17 881	85,324	297,272	3,484	3,015
30	40	97 401	12 795,325	175 985,506	13,754	13,284	80	90	14 450	64,441	211,948	3,289	2,820
31	41	97 267	11 941,785	163 190,181	13,665	13,196	81	91	11 473	47,816	147,508	3,085	2,615
32	42	97 114	11 143,007	151 248,396	13,573	13,104	82	92	8 776	34,184	99,691	2,916	2,447
33	43	96 950	10 396,407	140 105,389	13,476	13,007	83	93	6 531	23,777	65,507	2,755	2,286
34	44	96 777	9 698,963	129 708,982	13,373	12,904	84	94	4 712	16,033	41,730	2,603	2,133
35	45	96 590	9 046,886	120 010,018	13,265	12,796	85	95	3 284	10,443	25,698	2,461	1,991
36	46	96 376	8 436,290	110 963,132	13,153	12,684	86	96	2 202	6,542	15,255	2,332	1,862
37	47	96 138	7 864,974	102 526,843	13,036	12,566	87	97	1 417	3,935	8,713	2,214	1,745
38	48	95 877	7 330,439	94 661,869	12,914	12,444	88	98	871	2,260	4,778	2,115	1,645
39	49	95 596	6 830,821	87 331,430	12,785	12,315	89	99	514	1,248	2,519	2,019	1,549
40	50	95 284	6 363,111	80 500,608	12,651	12,182	90	100	290	0,658	1,271	1,932	1,463
41	51	94 932	5 924,850	74 137,497	12,513	12,043							
42	52	94 555	5 515,246	68 212,648	12,368	11,899							
43	53	94 141	5 131,864	62 697,402	12,217	11,748							
44	54	93 674	4 772,363	57 565,537	12,062	11,593							
45	55	93 177	4 436,480	52 793,174	11,900	11,430							
46	56	92 618	4 121,368	48 356,694	11,733	11,264							
47	57	92 013	3 826,568	44 235,325	11,560	11,091							
48	58	91 349	3 550,458	40 408,758	11,381	10,912							
49	59	90 612	3 291,391	36 858,299	11,198	10,729							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 487 522,034	14,940	14,471	50	61	89 336	3 032,769	33 010,038	10,884	10,415
1	12	99 151	92 664,735	1 387 958,474	14,978	14,509	51	62	88 449	2 806,209	29 977,269	10,682	10,213
2	13	99 108	86 565,095	1 295 293,739	14,963	14,494	52	63	87 472	2 593,657	27 171,060	10,476	10,006
3	14	99 080	80 878,429	1 208 728,644	14,945	14,475	53	64	86 432	2 395,150	24 577,403	10,261	9,792
4	15	99 052	75 566,548	1 127 850,215	14,925	14,456	54	65	85 317	2 209,600	22 182,253	10,039	9,570
5	16	99 025	70 603,193	1 052 283,667	14,904	14,435	55	66	84 114	2 035,927	19 972,653	9,810	9,341
6	17	98 997	65 966,052	981 680,474	14,882	14,412	56	67	82 847	1 874,078	17 936,726	9,571	9,101
7	18	98 969	61 633,195	915 714,422	14,857	14,388	57	68	81 489	1 722,748	16 062,648	9,324	8,854
8	19	98 938	57 582,965	854 081,227	14,832	14,363	58	69	80 048	1 581,576	14 339,901	9,067	8,597
9	20	98 907	53 799,109	796 498,262	14,805	14,336	59	70	78 470	1 448,970	12 758,324	8,805	8,336
10	21	98 878	50 264,618	742 699,152	14,776	14,306	60	71	76 788	1 325,157	11 309,354	8,534	8,065
11	22	98 848	46 961,925	692 434,535	14,745	14,275	61	72	74 960	1 208,983	9 984,197	8,258	7,789
12	23	98 816	43 875,297	645 472,610	14,712	14,242	62	73	72 971	1 099,900	8 775,214	7,978	7,509
13	24	98 783	40 991,337	601 597,313	14,676	14,207	63	74	70 824	997,705	7 675,314	7,693	7,223
14	25	98 752	38 297,598	560 605,976	14,638	14,169	64	75	68 543	902,407	6 677,609	7,400	6,930
15	26	98 713	35 778,270	522 308,378	14,598	14,129	65	76	66 053	812,728	5 775,202	7,106	6,636
16	27	98 667	33 422,025	486 530,108	14,557	14,088	66	77	63 375	728,767	4 962,473	6,809	6,340
17	28	98 613	31 218,215	453 108,082	14,514	14,045	67	78	60 514	650,345	4 233,706	6,510	6,040
18	29	98 553	29 158,365	421 889,867	14,469	13,999	68	79	57 447	576,992	3 583,361	6,210	5,741
19	30	98 471	27 228,110	392 731,503	14,424	13,954	69	80	54 203	508,797	3 006,369	5,909	5,439
20	31	98 391	25 425,975	365 503,393	14,375	13,906	70	81	50 731	445,053	2 497,572	5,612	5,142
21	32	98 300	23 740,655	340 077,418	14,325	13,855	71	82	47 083	386,024	2 052,519	5,317	4,848
22	33	98 210	22 167,336	316 336,762	14,270	13,801	72	83	43 258	331,464	1 666,495	5,028	4,558
23	34	98 119	20 697,989	294 169,426	14,212	13,743	73	84	39 272	281,230	1 335,030	4,747	4,278
24	35	98 026	19 325,415	273 471,437	14,151	13,681	74	85	35 200	235,584	1 053,800	4,473	4,004
25	36	97 927	18 043,038	254 146,021	14,086	13,616	75	86	31 036	194,123	818,217	4,215	3,745
26	37	97 824	16 844,800	236 102,983	14,016	13,547	76	87	26 922	157,379	624,094	3,966	3,496
27	38	97 712	15 724,903	219 258,183	13,943	13,474	77	88	22 783	124,468	466,715	3,750	3,280
28	39	97 593	14 678,210	203 533,281	13,866	13,397	78	89	18 934	96,675	342,247	3,540	3,071
29	40	97 464	13 699,811	188 855,071	13,785	13,316	79	90	15 382	73,398	245,572	3,346	2,876
30	41	97 332	12 786,204	175 155,259	13,699	13,229	80	91	12 308	54,891	172,174	3,137	2,667
31	42	97 186	11 931,862	162 369,055	13,608	13,139	81	92	9 486	39,537	117,283	2,966	2,497
32	43	97 022	11 132,467	150 437,193	13,513	13,044	82	93	7 117	27,724	77,746	2,804	2,335
33	44	96 848	10 385,433	139 304,727	13,413	12,944	83	94	5 180	18,858	50,022	2,653	2,183
34	45	96 668	9 687,995	128 919,294	13,307	12,838	84	95	3 650	12,419	31,164	2,509	2,040
35	46	96 459	9 034,649	119 231,298	13,197	12,728	85	96	2 481	7,890	18,745	2,376	1,906
36	47	96 226	8 423,206	110 196,649	13,083	12,613	86	97	1 620	4,815	10,855	2,254	1,785
37	48	95 972	7 851,325	101 773,443	12,963	12,493	87	98	1 014	2,817	6,040	2,144	1,674
38	49	95 699	7 316,856	93 922,119	12,836	12,367	88	99	606	1,572	3,223	2,050	1,581
39	50	95 396	6 816,531	86 605,262	12,705	12,236	89	100	347	0,842	1,651	1,960	1,491
40	51	95 062	6 348,244	79 788,731	12,569	12,099							
41	52	94 695	5 910,092	73 440,487	12,426	11,957							
42	53	94 293	5 499,964	67 530,395	12,278	11,809							
43	54	93 855	5 116,268	62 030,431	12,124	11,655							
44	55	93 376	4 757,158	56 914,164	11,964	11,494							
45	56	92 842	4 420,520	52 157,006	11,799	11,329							
46	57	92 267	4 105,737	47 736,486	11,627	11,157							
47	58	91 633	3 810,778	43 630,749	11,449	10,980							
48	59	90 933	3 534,269	39 819,971	11,267	10,797							
49	60	90 179	3 275,664	36 285,702	11,077	10,608							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 486 345,630	14,930	14,460	50	62	88 828	3 015,526	32 417,823	10,750	10,281
1	13	99 144	92 657,632	1 386 789,978	14,967	14,497	51	63	87 894	2 788,601	29 402,297	10,544	10,074
2	14	99 099	86 556,580	1 294 132,346	14,951	14,482	52	64	86 889	2 576,361	26 613,696	10,330	9,860
3	15	99 067	80 868,417	1 207 575,766	14,933	14,463	53	65	85 810	2 377,915	24 037,335	10,109	9,639
4	16	99 039	75 556,304	1 126 707,349	14,912	14,443	54	66	84 657	2 192,492	21 659,420	9,879	9,409
5	17	99 009	70 591,843	1 051 151,045	14,891	14,421	55	67	83 423	2 019,193	19 466,928	9,641	9,171
6	18	98 980	65 954,472	980 559,202	14,867	14,398	56	68	82 100	1 857,174	17 447,736	9,395	8,925
7	19	98 948	61 619,732	914 604,730	14,843	14,373	57	69	80 690	1 705,873	15 590,561	9,139	8,670
8	20	98 917	57 570,582	852 984,998	14,816	14,347	58	70	79 170	1 564,230	13 884,688	8,876	8,407
9	21	98 887	53 787,758	795 414,416	14,788	14,319	59	71	77 532	1 431,658	12 320,458	8,606	8,136
10	22	98 857	50 253,753	741 626,658	14,758	14,288	60	72	75 764	1 307,475	10 888,800	8,328	7,859
11	23	98 825	46 951,133	691 372,905	14,725	14,256	61	73	73 800	1 190,274	9 581,325	8,050	7,580
12	24	98 793	43 865,318	644 421,772	14,691	14,221	62	74	71 706	1 080,833	8 391,051	7,764	7,294
13	25	98 760	40 982,018	600 556,454	14,654	14,185	63	75	69 455	978,426	7 310,219	7,471	7,002
14	26	98 730	38 289,063	559 574,436	14,614	14,145	64	76	67 016	882,300	6 331,793	7,176	6,707
15	27	98 687	35 768,712	521 285,373	14,574	14,104	65	77	64 378	792,127	5 449,493	6,880	6,410
16	28	98 642	33 413,398	485 516,662	14,531	14,061	66	78	61 540	707,666	4 657,365	6,581	6,112
17	29	98 587	31 210,107	452 103,263	14,486	14,016	67	79	58 502	628,716	3 949,699	6,282	5,813
18	30	98 526	29 150,277	420 893,157	14,439	13,969	68	80	55 290	555,326	3 320,983	5,980	5,511
19	31	98 444	27 220,637	391 742,879	14,391	13,922	69	81	51 852	486,728	2 765,657	5,682	5,213
20	32	98 358	25 417,686	364 522,242	14,341	13,872	70	82	48 220	423,025	2 278,929	5,387	4,918
21	33	98 266	23 732,433	339 104,556	14,289	13,819	71	83	44 405	364,072	1 855,904	5,098	4,628
22	34	98 175	22 159,316	315 372,123	14,232	13,763	72	84	40 448	309,933	1 491,832	4,813	4,344
23	35	98 080	20 689,589	293 212,807	14,172	13,702	73	85	36 366	260,423	1 181,899	4,538	4,069
24	36	97 984	19 317,180	272 523,218	14,108	13,638	74	86	32 198	215,489	921,476	4,276	3,807
25	37	97 882	18 034,624	253 206,038	14,040	13,570	75	87	28 036	175,361	705,987	4,026	3,556
26	38	97 772	16 835,928	235 171,414	13,968	13,499	76	88	23 835	139,334	530,626	3,808	3,339
27	39	97 655	15 715,632	218 335,486	13,893	13,423	77	89	19 924	108,852	391,292	3,595	3,125
28	40	97 524	14 667,887	202 619,854	13,814	13,344	78	90	16 288	83,163	282,440	3,396	2,927
29	41	97 395	13 690,046	187 951,967	13,729	13,260	79	91	13 102	62,521	199,277	3,187	2,718
30	42	97 251	12 775,579	174 261,921	13,640	13,171	80	92	10 177	45,387	136,756	3,013	2,544
31	43	97 094	11 920,575	161 486,342	13,547	13,077	81	93	7 693	32,065	91,370	2,849	2,380
32	44	96 920	11 120,716	149 565,766	13,449	12,980	82	94	5 645	21,988	59,304	2,697	2,228
33	45	96 738	10 373,689	138 445,051	13,346	12,876	83	95	4 013	14,607	37,316	2,555	2,085
34	46	96 537	9 674,892	128 071,362	13,237	12,768	84	96	2 758	9,383	22,709	2,420	1,951
35	47	96 310	9 020,637	118 396,470	13,125	12,656	85	97	1 826	5,807	13,325	2,295	1,825
36	48	96 059	8 408,588	109 375,832	13,008	12,538	86	98	1 160	3,448	7,518	2,181	1,711
37	49	95 794	7 836,776	100 967,245	12,884	12,414	87	99	706	1,960	4,070	2,077	1,607
38	50	95 499	7 301,549	93 130,468	12,755	12,285	88	100	409	1,061	2,110	1,989	1,519
39	51	95 173	6 800,604	85 828,919	12,621	12,151							
40	52	94 825	6 332,432	79 028,315	12,480	12,010							
41	53	94 433	5 893,716	72 695,883	12,334	11,865							
42	54	94 006	5 483,249	66 802,167	12,183	11,713							
43	55	93 556	5 099,966	61 318,918	12,023	11,554							
44	56	93 040	4 740,044	56 218,952	11,860	11,391							
45	57	92 490	4 403,753	51 478,908	11,690	11,220							
46	58	91 886	4 088,795	47 075,155	11,513	11,044							
47	59	91 215	3 793,402	42 986,360	11,332	10,862							
48	60	90 498	3 517,382	39 192,957	11,143	10,673							
49	61	89 686	3 257,753	35 675,576	10,951	10,481							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 485 080,340	14,918	14,449	50	63	88 271	2 996,604	31 788,304	10,608	10,139
1	14	99 134	92 648,517	1 385 532,318	14,955	14,485	51	64	87 308	2 770,005	28 791,700	10,394	9,925
2	15	99 086	86 545,864	1 292 883,801	14,939	14,469	52	65	86 263	2 557,822	26 021,695	10,173	9,704
3	16	99 054	80 857,454	1 206 337,937	14,919	14,450	53	66	85 145	2 359,504	23 463,873	9,944	9,475
4	17	99 023	75 544,157	1 125 480,483	14,898	14,429	54	67	83 961	2 174,470	21 104,369	9,706	9,236
5	18	98 991	70 579,452	1 049 936,325	14,876	14,406	55	68	82 670	2 000,980	18 929,899	9,460	8,991
6	19	98 958	65 940,065	979 356,874	14,852	14,383	56	69	81 296	1 838,983	16 928,919	9,206	8,736
7	20	98 927	61 606,481	913 416,809	14,827	14,357	57	70	79 805	1 687,164	15 089,936	8,944	8,474
8	21	98 896	57 558,435	851 810,328	14,799	14,330	58	71	78 224	1 545,540	13 402,772	8,672	8,202
9	22	98 865	53 776,132	794 251,893	14,770	14,300	59	72	76 498	1 412,555	11 857,232	8,394	7,925
10	23	98 834	50 242,205	740 475,761	14,738	14,269	60	73	74 591	1 287,242	10 444,677	8,114	7,644
11	24	98 803	46 940,454	690 233,556	14,704	14,235	61	74	72 521	1 169,640	9 157,435	7,829	7,360
12	25	98 771	43 855,345	643 293,102	14,669	14,199	62	75	70 320	1 059,946	7 987,795	7,536	7,067
13	26	98 738	40 972,885	599 437,757	14,630	14,161	63	76	67 908	956,625	6 927,848	7,242	6,772
14	27	98 703	38 278,834	558 464,872	14,589	14,120	64	77	65 317	859,936	5 971,223	6,944	6,474
15	28	98 662	35 759,478	520 186,038	14,547	14,077	65	78	62 514	769,192	5 111,287	6,645	6,175
16	29	98 616	33 404,720	484 426,560	14,502	14,032	66	79	59 493	684,131	4 342,095	6,347	5,877
17	30	98 560	31 201,450	451 021,840	14,455	13,986	67	80	56 305	605,107	3 657,964	6,045	5,576
18	31	98 499	29 142,277	419 820,390	14,406	13,936	68	81	52 892	531,240	3 052,857	5,747	5,277
19	32	98 412	27 211,763	390 678,113	14,357	13,887	69	82	49 286	462,637	2 521,617	5,451	4,981
20	33	98 324	25 408,883	363 466,350	14,305	13,835	70	83	45 478	398,968	2 058,980	5,161	4,691
21	34	98 230	23 723,847	338 057,467	14,250	13,780	71	84	41 521	340,422	1 660,012	4,876	4,407
22	35	98 135	22 150,324	314 333,621	14,191	13,721	72	85	37 456	287,002	1 319,589	4,598	4,128
23	36	98 038	20 680,772	292 183,297	14,128	13,659	73	86	33 264	238,210	1 032,587	4,335	3,865
24	37	97 938	19 308,172	271 502,525	14,062	13,592	74	87	29 086	194,663	794,377	4,081	3,611
25	38	97 830	18 025,126	252 194,353	13,991	13,522	75	88	24 821	155,254	599,715	3,863	3,393
26	39	97 715	16 826,002	234 169,227	13,917	13,448	76	89	20 845	121,853	444,461	3,648	3,178
27	40	97 586	15 704,579	217 343,225	13,839	13,370	77	90	17 140	93,638	322,608	3,445	2,976
28	41	97 455	14 657,432	201 638,646	13,757	13,287	78	91	13 874	70,838	228,970	3,232	2,763
29	42	97 314	13 678,670	186 981,214	13,670	13,200	79	92	10 834	51,696	158,132	3,059	2,589
30	43	97 159	12 763,494	173 302,544	13,578	13,108	80	93	8 254	36,809	106,436	2,892	2,422
31	44	96 992	11 907,992	160 539,050	13,482	13,012	81	94	6 102	25,432	69,627	2,738	2,268
32	45	96 810	11 108,140	148 631,057	13,380	12,911	82	95	4 373	17,032	44,195	2,595	2,125
33	46	96 607	10 359,658	137 522,917	13,275	12,805	83	96	3 032	11,037	27,163	2,461	1,992
34	47	96 387	9 659,887	127 163,259	13,164	12,695	84	97	2 030	6,906	16,126	2,335	1,866
35	48	96 142	9 004,983	117 503,372	13,049	12,579	85	98	1 308	4,158	9,220	2,217	1,748
36	49	95 881	8 393,007	108 498,389	12,927	12,458	86	99	807	2,399	5,062	2,110	1,641
37	50	95 593	7 820,381	100 105,382	12,801	12,331	87	100	476	1,323	2,663	2,013	1,543
38	51	95 276	7 284,489	92 285,001	12,669	12,199							
39	52	94 936	6 783,665	85 000,512	12,530	12,061							
40	53	94 562	6 314,886	78 216,846	12,386	11,917							
41	54	94 146	5 875,804	71 901,961	12,237	11,767							
42	55	93 707	5 465,778	66 026,157	12,080	11,610							
43	56	93 219	5 081,619	60 560,378	11,918	11,448							
44	57	92 687	4 722,065	55 478,759	11,749	11,279							
45	58	92 108	4 385,582	50 756,694	11,574	11,104							
46	59	91 467	4 070,152	46 371,112	11,393	10,923							
47	60	90 779	3 775,276	42 300,960	11,205	10,735							
48	61	90 004	3 498,149	38 525,684	11,013	10,544							
49	62	89 176	3 239,231	35 027,535	10,814	10,344							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 483 719,526	14,906	14,437	50	64	87 682	2 976,621	31 120,616	10,455	9,986
1	15	99 122	92 637,048	1 384 181,297	14,942	14,472	51	65	86 680	2 750,072	28 143,995	10,234	9,764
2	16	99 073	86 534,132	1 291 544,249	14,925	14,456	52	66	85 596	2 538,018	25 393,922	10,005	9,536
3	17	99 038	80 844,455	1 205 010,117	14,905	14,436	53	67	84 445	2 340,109	22 855,904	9,767	9,298
4	18	99 006	75 530,897	1 124 165,662	14,884	14,414	54	68	83 204	2 154,857	20 515,795	9,521	9,051
5	19	98 970	70 564,034	1 048 634,765	14,861	14,391	55	69	81 861	1 981,380	18 360,937	9,267	8,797
6	20	98 937	65 925,884	978 070,731	14,836	14,366	56	70	80 404	1 818,814	16 379,557	9,006	8,536
7	21	98 906	61 593,482	912 144,847	14,809	14,340	57	71	78 852	1 667,005	14 560,744	8,735	8,265
8	22	98 875	57 545,994	850 551,364	14,780	14,311	58	72	77 180	1 524,918	12 893,739	8,455	7,986
9	23	98 843	53 763,775	793 005,370	14,750	14,280	59	73	75 314	1 390,696	11 368,820	8,175	7,705
10	24	98 812	50 230,777	739 241,596	14,717	14,247	60	74	73 298	1 264,927	9 978,125	7,888	7,419
11	25	98 780	46 929,782	689 010,819	14,682	14,212	61	75	71 119	1 147,038	8 713,198	7,596	7,127
12	26	98 749	43 845,572	642 081,037	14,644	14,175	62	76	68 753	1 036,330	7 566,160	7,301	6,831
13	27	98 712	40 961,939	598 235,465	14,605	14,135	63	77	66 187	932,377	6 529,830	7,003	6,534
14	28	98 678	38 268,953	557 273,526	14,562	14,093	64	78	63 426	835,037	5 597,453	6,703	6,234
15	29	98 636	35 750,191	519 004,573	14,518	14,048	65	79	60 435	743,610	4 762,416	6,404	5,935
16	30	98 589	33 395,454	483 254,382	14,471	14,001	66	80	57 259	658,441	4 018,806	6,104	5,634
17	31	98 533	31 192,887	449 858,928	14,422	13,952	67	81	53 863	578,862	3 360,365	5,805	5,336
18	32	98 467	29 132,776	418 666,041	14,371	13,901	68	82	50 274	504,945	2 781,503	5,509	5,039
19	33	98 378	27 202,338	389 533,265	14,320	13,850	69	83	46 483	436,328	2 276,557	5,218	4,748
20	34	98 289	25 399,690	362 330,926	14,265	13,796	70	84	42 524	373,052	1 840,229	4,933	4,463
21	35	98 190	23 714,219	336 931,237	14,208	13,738	71	85	38 449	315,236	1 467,177	4,654	4,185
22	36	98 093	22 140,884	313 217,017	14,147	13,677	72	86	34 261	262,522	1 151,941	4,388	3,918
23	37	97 992	20 671,129	291 076,133	14,081	13,612	73	87	30 049	215,188	889,419	4,133	3,664
24	38	97 887	19 298,002	270 405,005	14,012	13,543	74	88	25 751	172,342	674,232	3,912	3,443
25	39	97 772	18 014,499	251 107,002	13,939	13,470	75	89	21 707	135,775	501,890	3,696	3,227
26	40	97 646	16 814,169	233 092,504	13,863	13,393	76	90	17 932	104,822	366,114	3,493	3,023
27	41	97 517	15 693,385	216 278,335	13,781	13,312	77	91	14 600	79,761	261,293	3,276	2,806
28	42	97 374	14 645,252	200 584,950	13,696	13,227	78	92	11 472	58,573	181,532	3,099	2,630
29	43	97 222	13 665,731	185 939,698	13,606	13,137	79	93	8 786	41,926	122,959	2,933	2,463
30	44	97 056	12 750,022	172 273,967	13,512	13,042	80	94	6 546	29,194	81,033	2,776	2,306
31	45	96 882	11 894,527	159 523,945	13,412	12,942	81	95	4 727	19,699	51,838	2,631	2,162
32	46	96 680	11 093,116	147 629,419	13,308	12,839	82	96	3 304	12,869	32,139	2,497	2,028
33	47	96 458	10 343,591	136 536,303	13,200	12,731	83	97	2 231	8,123	19,270	2,372	1,903
34	48	96 220	9 643,123	126 192,712	13,086	12,617	84	98	1 453	4,945	11,147	2,254	1,785
35	49	95 964	8 988,297	116 549,589	12,967	12,497	85	99	910	2,893	6,202	2,144	1,674
36	50	95 681	8 375,448	107 561,292	12,842	12,373	86	100	545	1,619	3,309	2,043	1,574
37	51	95 370	7 802,109	99 185,844	12,713	12,243							
38	52	95 039	7 266,345	91 383,735	12,576	12,107							
39	53	94 673	6 764,869	84 117,390	12,434	11,965							
40	54	94 275	6 295,694	77 352,521	12,287	11,817							
41	55	93 846	5 857,083	71 056,827	12,132	11,662							
42	56	93 370	5 446,115	65 199,744	11,972	11,502							
43	57	92 865	5 062,345	59 753,629	11,804	11,334							
44	58	92 304	4 702,581	54 691,284	11,630	11,161							
45	59	91 688	4 365,586	49 988,704	11,451	10,981							
46	60	91 030	4 050,703	45 623,118	11,263	10,793							
47	61	90 283	3 754,633	41 572,415	11,072	10,603							
48	62	89 492	3 478,260	37 817,781	10,873	10,403							
49	63	88 616	3 218,905	34 339,521	10,668	10,199							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 482 258,730	14,893	14,424	50	65	87 051	2 955,202	30 413,210	10,291	9,822
1	16	99 108	92 624,490	1 382 732,824	14,928	14,459	51	66	86 008	2 728,780	27 458,008	10,062	9,593
2	17	99 057	86 520,221	1 290 108,334	14,911	14,442	52	67	84 892	2 517,156	24 729,228	9,824	9,355
3	18	99 021	80 830,264	1 203 588,113	14,890	14,421	53	68	83 684	2 319,002	22 212,072	9,578	9,109
4	19	98 984	75 514,398	1 122 757,849	14,868	14,399	54	69	82 389	2 133,750	19 893,069	9,323	8,854
5	20	98 948	70 548,859	1 047 243,452	14,844	14,375	55	70	80 963	1 959,649	17 759,319	9,062	8,593
6	21	98 916	65 911,975	976 694,592	14,818	14,349	56	71	79 444	1 797,082	15 799,670	8,792	8,322
7	22	98 884	61 580,169	910 782,617	14,790	14,321	57	72	77 800	1 644,762	14 002,588	8,513	8,044
8	23	98 852	57 532,770	849 202,448	14,760	14,291	58	73	75 986	1 501,320	12 357,826	8,231	7,762
9	24	98 820	53 751,546	791 669,678	14,728	14,259	59	74	74 008	1 366,587	10 856,506	7,944	7,475
10	25	98 789	50 219,357	737 918,132	14,694	14,224	60	75	71 882	1 240,484	9 489,918	7,650	7,181
11	26	98 758	46 919,324	687 698,775	14,657	14,188	61	76	69 535	1 121,481	8 249,435	7,356	6,886
12	27	98 722	43 833,858	640 779,452	14,618	14,149	62	77	67 010	1 010,061	7 127,954	7,057	6,587
13	28	98 686	40 951,365	596 945,593	14,577	14,107	63	78	64 270	905,381	6 117,893	6,757	6,288
14	29	98 652	38 259,013	555 994,228	14,532	14,063	64	79	61 317	807,265	5 212,512	6,457	5,987
15	30	98 609	35 740,275	517 735,215	14,486	14,017	65	80	58 166	715,687	4 405,247	6,155	5,686
16	31	98 562	33 386,289	481 994,940	14,437	13,967	66	81	54 776	629,883	3 689,560	5,858	5,388
17	32	98 500	31 182,718	448 608,651	14,386	13,917	67	82	51 197	550,211	3 059,677	5,561	5,091
18	33	98 433	29 122,686	417 425,933	14,333	13,864	68	83	47 415	476,230	2 509,467	5,269	4,800
19	34	98 342	27 192,496	388 303,247	14,280	13,810	69	84	43 463	407,985	2 033,236	4,984	4,514
20	35	98 249	25 389,382	361 110,750	14,223	13,753	70	85	39 378	345,451	1 625,252	4,705	4,235
21	36	98 148	23 704,113	335 721,368	14,163	13,693	71	86	35 169	288,348	1 279,801	4,438	3,969
22	37	98 047	22 130,559	312 017,255	14,099	13,629	72	87	30 950	237,150	991,453	4,181	3,711
23	38	97 940	20 660,241	289 886,696	14,031	13,562	73	88	26 604	190,514	754,303	3,959	3,490
24	39	97 829	19 286,625	269 226,454	13,959	13,490	74	89	22 520	150,720	563,789	3,741	3,271
25	40	97 704	18 001,830	249 939,830	13,884	13,415	75	90	18 673	116,798	413,070	3,537	3,067
26	41	97 576	16 802,184	231 938,000	13,804	13,335	76	91	15 274	89,287	296,271	3,318	2,849
27	42	97 436	15 680,344	215 135,816	13,720	13,251	77	92	12 072	65,951	206,984	3,138	2,669
28	43	97 282	14 631,399	199 455,472	13,632	13,163	78	93	9 304	47,504	141,033	2,969	2,499
29	44	97 119	13 651,306	184 824,073	13,539	13,069	79	94	6 969	33,252	93,529	2,813	2,343
30	45	96 947	12 735,604	171 172,767	13,440	12,971	80	95	5 071	22,614	60,277	2,665	2,196
31	46	96 751	11 878,438	158 437,164	13,338	12,869	81	96	3 571	14,884	37,663	2,530	2,061
32	47	96 530	11 075,911	146 558,725	13,232	12,763	82	97	2 432	9,472	22,779	2,405	1,935
33	48	96 290	10 325,641	135 482,814	13,121	12,651	83	98	1 598	5,816	13,308	2,288	1,818
34	49	96 042	9 625,255	125 157,174	13,003	12,533	84	99	1 011	3,440	7,491	2,177	1,708
35	50	95 764	8 969,493	115 531,919	12,881	12,411	85	100	614	1,953	4,051	2,074	1,605
36	51	95 457	8 355,879	106 562,426	12,753	12,283							
37	52	95 132	7 782,676	98 206,547	12,619	12,149							
38	53	94 775	7 246,211	90 423,871	12,479	12,009							
39	54	94 385	6 744,309	83 177,660	12,333	11,864							
40	55	93 974	6 275,635	76 433,350	12,179	11,710							
41	56	93 508	5 836,012	70 157,716	12,022	11,552							
42	57	93 015	5 425,458	64 321,704	11,856	11,386							
43	58	92 482	5 041,456	58 896,246	11,682	11,213							
44	59	91 884	4 681,138	53 854,789	11,505	11,035							
45	60	91 250	4 344,725	49 173,651	11,318	10,848							
46	61	90 532	4 028,554	44 828,925	11,128	10,658							
47	62	89 770	3 733,287	40 800,371	10,929	10,459							
48	63	88 930	3 456,435	37 067,084	10,724	10,255							
49	64	88 025	3 197,440	33 610,649	10,512	10,042							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 480 693,613	14,879	14,410	50	66	86 377	2 932,321	29 664,866	10,117	9,647
1	17	99 092	92 609,599	1 381 181,198	14,914	14,445	51	67	85 301	2 706,350	26 732,545	9,878	9,408
2	18	99 040	86 505,033	1 288 571,599	14,896	14,426	52	68	84 126	2 494,452	24 026,194	9,632	9,162
3	19	98 999	80 812,608	1 202 066,566	14,875	14,405	53	69	82 864	2 296,287	21 531,742	9,377	8,907
4	20	98 963	75 498,158	1 121 253,958	14,851	14,382	54	70	81 485	2 110,348	19 235,455	9,115	8,645
5	21	98 928	70 533,974	1 045 755,800	14,826	14,357	55	71	79 996	1 936,235	17 125,107	8,845	8,375
6	22	98 895	65 897,728	975 221,826	14,799	14,330	56	72	78 384	1 773,104	15 188,872	8,566	8,097
7	23	98 862	61 566,018	909 324,098	14,770	14,300	57	73	76 596	1 619,309	13 415,768	8,285	7,815
8	24	98 830	57 519,684	847 758,080	14,739	14,269	58	74	74 669	1 475,294	11 796,459	7,996	7,526
9	25	98 798	53 739,325	790 238,396	14,705	14,236	59	75	72 578	1 340,179	10 321,165	7,701	7,232
10	26	98 767	50 208,166	736 499,070	14,669	14,199	60	76	70 280	1 212,844	8 980,986	7,405	6,935
11	27	98 732	46 906,789	686 290,904	14,631	14,161	61	77	67 772	1 093,054	7 768,142	7,107	6,637
12	28	98 697	43 822,543	639 384,115	14,590	14,121	62	78	65 070	980,815	6 675,088	6,806	6,336
13	29	98 661	40 940,729	595 561,572	14,547	14,077	63	79	62 133	875,269	5 694,272	6,506	6,036
14	30	98 625	38 248,402	554 620,843	14,500	14,031	64	80	59 014	776,952	4 819,003	6,202	5,733
15	31	98 581	35 730,466	516 372,441	14,452	13,982	65	81	55 643	684,645	4 042,051	5,904	5,434
16	32	98 530	33 375,404	480 641,975	14,401	13,932	66	82	52 065	598,706	3 357,405	5,608	5,138
17	33	98 466	31 171,918	447 266,571	14,348	13,879	67	83	48 285	518,921	2 758,699	5,316	4,847
18	34	98 397	29 112,150	416 094,653	14,293	13,823	68	84	44 335	445,295	2 239,778	5,030	4,560
19	35	98 303	27 181,461	386 982,503	14,237	13,767	69	85	40 248	377,800	1 794,483	4,750	4,280
20	36	98 207	25 378,562	359 801,042	14,177	13,708	70	86	36 019	315,986	1 416,684	4,483	4,014
21	37	98 103	23 693,060	334 422,480	14,115	13,645	71	87	31 770	260,479	1 100,698	4,226	3,756
22	38	97 996	22 118,903	310 729,420	14,048	13,579	72	88	27 401	209,958	840,219	4,002	3,532
23	39	97 883	20 648,061	288 610,517	13,978	13,508	73	89	23 266	166,612	630,261	3,783	3,313
24	40	97 760	19 273,061	267 962,456	13,903	13,434	74	90	19 372	129,654	463,649	3,576	3,107
25	41	97 634	17 988,998	248 689,395	13,825	13,355	75	91	15 906	99,489	333,995	3,357	2,888
26	42	97 495	16 788,221	230 700,397	13,742	13,272	76	92	12 630	73,828	234,506	3,176	2,707
27	43	97 343	15 665,512	213 912,175	13,655	13,185	77	93	9 790	53,487	160,678	3,004	2,535
28	44	97 179	14 615,954	198 246,664	13,564	13,094	78	94	7 379	37,676	107,191	2,845	2,376
29	45	97 009	13 635,869	183 630,709	13,467	12,997	79	95	5 398	25,757	69,515	2,699	2,229
30	46	96 816	12 718,378	169 994,841	13,366	12,897	80	96	3 831	17,086	43,758	2,561	2,092
31	47	96 601	11 860,016	157 276,463	13,261	12,792	81	97	2 628	10,955	26,672	2,435	1,965
32	48	96 362	11 056,690	145 416,447	13,152	12,682	82	98	1 741	6,782	15,717	2,317	1,848
33	49	96 112	10 306,508	134 359,757	13,036	12,567	83	99	1 112	4,047	8,935	2,208	1,738
34	50	95 841	9 605,118	124 053,250	12,915	12,446	84	100	683	2,323	4,888	2,105	1,635
35	51	95 540	8 948,536	114 448,132	12,790	12,320							
36	52	95 219	8 335,067	105 499,596	12,657	12,188							
37	53	94 869	7 761,111	97 164,529	12,519	12,050							
38	54	94 487	7 224,189	89 403,418	12,376	11,906							
39	55	94 085	6 722,821	82 179,229	12,224	11,754							
40	56	93 636	6 253,058	75 456,408	12,067	11,598							
41	57	93 154	5 813,876	69 203,350	11,903	11,434							
42	58	92 632	5 403,071	63 389,474	11,732	11,263							
43	59	92 061	5 018,469	57 986,402	11,555	11,085							
44	60	91 444	4 658,770	52 967,933	11,370	10,900							
45	61	90 751	4 320,969	48 309,163	11,180	10,711							
46	62	90 017	4 005,650	43 988,194	10,982	10,512							
47	63	89 206	3 709,861	39 982,544	10,777	10,308							
48	64	88 337	3 433,385	36 272,683	10,565	10,095							
49	65	87 392	3 174,432	32 839,298	10,345	9,875							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 479 018,097	14,865	14,396	50	67	85 667	2 908,218	28 874,338	9,929	9,459
1	18	99 075	92 593,343	1 379 521,681	14,899	14,429	51	68	84 532	2 681,940	25 966,120	9,682	9,212
2	19	99 018	86 486,137	1 286 928,338	14,880	14,411	52	69	83 302	2 470,019	23 284,180	9,427	8,957
3	20	98 978	80 795,228	1 200 442,201	14,858	14,388	53	70	81 955	2 271,103	20 814,161	9,165	8,695
4	21	98 942	75 482,229	1 119 646,972	14,833	14,364	54	71	80 511	2 085,133	18 543,059	8,893	8,423
5	22	98 906	70 518,729	1 044 164,744	14,807	14,337	55	72	78 928	1 910,400	16 457,925	8,615	8,145
6	23	98 872	65 882,585	973 646,015	14,779	14,309	56	73	77 171	1 745,665	14 547,526	8,334	7,864
7	24	98 839	61 552,015	907 763,430	14,748	14,278	57	74	75 268	1 591,238	12 801,861	8,045	7,576
8	25	98 807	57 506,607	846 211,415	14,715	14,246	58	75	73 226	1 446,785	11 210,623	7,749	7,279
9	26	98 776	53 727,350	788 704,808	14,680	14,210	59	76	70 961	1 310,319	9 763,838	7,451	6,982
10	27	98 741	50 194,752	734 977,459	14,643	14,173	60	77	68 499	1 182,101	8 453,519	7,151	6,682
11	28	98 706	46 894,681	684 782,706	14,603	14,133	61	78	65 810	1 061,405	7 271,418	6,851	6,381
12	29	98 671	43 811,161	637 888,025	14,560	14,090	62	79	62 906	948,195	6 210,013	6,549	6,080
13	30	98 633	40 929,373	594 076,864	14,515	14,045	63	80	59 800	842,403	5 261,818	6,246	5,777
14	31	98 598	38 237,905	553 147,491	14,466	13,996	64	81	56 454	743,253	4 419,415	5,946	5,477
15	32	98 549	35 718,817	514 909,586	14,416	13,946	65	82	52 889	650,758	3 676,162	5,649	5,180
16	33	98 496	33 363,845	479 190,769	14,363	13,893	66	83	49 104	564,659	3 025,404	5,358	4,888
17	34	98 431	31 160,640	445 826,923	14,307	13,838	67	84	45 149	485,213	2 460,745	5,071	4,602
18	35	98 357	29 100,335	414 666,284	14,250	13,780	68	85	41 055	412,349	1 975,532	4,791	4,321
19	36	98 261	27 169,878	385 565,948	14,191	13,721	69	86	36 815	345,575	1 563,183	4,523	4,054
20	37	98 161	25 366,728	358 396,070	14,129	13,659	70	87	32 538	285,446	1 217,608	4,266	3,796
21	38	98 051	23 680,581	333 029,343	14,063	13,594	71	88	28 127	230,612	932,161	4,042	3,573
22	39	97 938	22 105,863	309 348,762	13,994	13,524	72	89	23 963	183,616	701,549	3,821	3,351
23	40	97 814	20 633,540	287 242,899	13,921	13,452	73	90	20 014	143,324	517,933	3,614	3,144
24	41	97 690	19 259,324	266 609,360	13,843	13,374	74	91	16 502	110,440	374,609	3,392	2,922
25	42	97 553	17 974,050	247 350,036	13,762	13,292	75	92	13 152	82,263	264,169	3,211	2,742
26	43	97 403	16 772,341	229 375,987	13,676	13,206	76	93	10 243	59,876	181,906	3,038	2,569
27	44	97 241	15 648,976	212 603,646	13,586	13,116	77	94	7 765	42,422	122,030	2,877	2,407
28	45	97 069	14 599,426	196 954,670	13,491	13,021	78	95	5 716	29,184	79,609	2,728	2,258
29	46	96 878	13 617,425	182 355,244	13,391	12,922	79	96	4 078	19,461	50,424	2,591	2,122
30	47	96 665	12 698,653	168 737,818	13,288	12,818	80	97	2 820	12,576	30,963	2,462	1,993
31	48	96 434	11 839,434	156 039,166	13,180	12,710	81	98	1 882	7,844	18,388	2,344	1,875
32	49	96 183	11 036,202	144 199,732	13,066	12,597	82	99	1 211	4,718	10,544	2,235	1,765
33	50	95 911	10 284,946	133 163,530	12,947	12,478	83	100	750	2,732	5,825	2,132	1,663
34	51	95 617	9 582,676	122 878,584	12,823	12,353							
35	52	95 302	8 926,247	113 295,908	12,692	12,223							
36	53	94 955	8 311,971	104 369,661	12,557	12,087							
37	54	94 581	7 737,524	96 057,690	12,415	11,945							
38	55	94 186	7 201,171	88 320,166	12,265	11,795							
39	56	93 746	6 698,635	81 118,994	12,110	11,640							
40	57	93 281	6 229,341	74 420,359	11,947	11,477							
41	58	92 769	5 789,887	68 191,018	11,778	11,308							
42	59	92 209	5 378,435	62 401,132	11,602	11,133							
43	60	91 621	4 994,489	57 022,696	11,417	10,948							
44	61	90 944	4 633,297	52 028,207	11,229	10,760							
45	62	90 235	4 296,402	47 394,910	11,031	10,562							
46	63	89 453	3 980,515	43 098,508	10,827	10,358							
47	64	88 611	3 685,121	39 117,993	10,615	10,146							
48	65	87 702	3 408,679	35 432,871	10,395	9,925							
49	66	86 715	3 149,854	32 024,192	10,167	9,697							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 477 227,138	14,850	14,380	50	68	84 895	2 881,987	28 040,062	9,729	9,260
1	19	99 053	92 573,117	1 377 748,187	14,883	14,413	51	69	83 704	2 655,670	25 158,075	9,473	9,004
2	20	98 997	86 467,538	1 285 175,070	14,863	14,394	52	70	82 389	2 442,928	22 502,405	9,211	8,742
3	21	98 957	80 778,182	1 198 707,532	14,839	14,370	53	71	80 976	2 243,967	20 059,476	8,939	8,470
4	22	98 920	75 465,914	1 117 929,350	14,814	14,344	54	72	79 437	2 057,311	17 815,510	8,660	8,190
5	23	98 883	70 502,524	1 042 463,437	14,786	14,317	55	73	77 707	1 880,836	15 758,198	8,378	7,909
6	24	98 850	65 867,600	971 960,913	14,756	14,287	56	74	75 833	1 715,403	13 877,362	8,090	7,620
7	25	98 817	61 538,021	906 093,313	14,724	14,255	57	75	73 814	1 560,489	12 161,960	7,794	7,324
8	26	98 785	57 493,792	844 555,293	14,690	14,220	58	76	71 594	1 414,549	10 601,471	7,495	7,025
9	27	98 749	53 712,996	787 061,501	14,653	14,184	59	77	69 162	1 277,105	9 186,922	7,194	6,724
10	28	98 715	50 181,796	733 348,505	14,614	14,144	60	78	66 515	1 147,874	7 909,817	6,891	6,421
11	29	98 681	46 882,501	683 166,709	14,572	14,102	61	79	63 621	1 026,105	6 761,942	6,590	6,120
12	30	98 644	43 799,010	636 284,208	14,527	14,058	62	80	60 544	912,590	5 735,838	6,285	5,816
13	31	98 606	40 918,141	592 485,199	14,480	14,010	63	81	57 206	805,865	4 823,247	5,985	5,516
14	32	98 566	38 225,438	551 567,058	14,429	13,960	64	82	53 660	706,465	4 017,383	5,687	5,217
15	33	98 515	35 706,446	513 341,620	14,377	13,907	65	83	49 881	613,751	3 310,917	5,395	4,925
16	34	98 460	33 351,774	477 635,173	14,321	13,852	66	84	45 914	527,979	2 697,166	5,108	4,639
17	35	98 391	31 147,994	444 283,399	14,264	13,794	67	85	41 808	449,314	2 169,187	4,828	4,358
18	36	98 315	29 087,934	413 135,405	14,203	13,733	68	86	37 553	377,178	1 719,873	4,560	4,090
19	37	98 215	27 157,208	384 047,470	14,142	13,672	69	87	33 257	312,176	1 342,695	4,301	3,832
20	38	98 110	25 353,367	356 890,263	14,077	13,607	70	88	28 807	252,716	1 030,520	4,078	3,608
21	39	97 993	23 666,619	331 536,895	14,009	13,539	71	89	24 599	201,679	777,803	3,857	3,387
22	40	97 869	22 090,317	307 870,276	13,937	13,467	72	90	20 614	157,952	576,124	3,647	3,178
23	41	97 744	20 618,832	285 779,960	13,860	13,391	73	91	17 048	122,084	418,172	3,425	2,956
24	42	97 609	19 243,319	265 161,128	13,779	13,310	74	92	13 644	91,318	296,087	3,242	2,773
25	43	97 461	17 957,047	245 917,808	13,695	13,225	75	93	10 666	66,717	204,770	3,069	2,600
26	44	97 300	16 754,637	227 960,761	13,606	13,136	76	94	8 124	47,488	138,053	2,907	2,438
27	45	97 131	15 631,280	211 206,124	13,512	13,042	77	95	6 015	32,860	90,565	2,756	2,287
28	46	96 938	14 579,680	195 574,845	13,414	12,945	78	96	4 319	22,050	57,704	2,617	2,147
29	47	96 728	13 596,306	180 995,165	13,312	12,843	79	97	3 002	14,324	35,654	2,489	2,020
30	48	96 498	12 676,615	167 398,859	13,205	12,736	80	98	2 019	9,005	21,331	2,369	1,899
31	49	96 255	11 817,496	154 722,244	13,093	12,623	81	99	1 309	5,457	12,326	2,259	1,789
32	50	95 982	11 013,114	142 904,748	12,976	12,506	82	100	818	3,185	6,869	2,156	1,687
33	51	95 687	10 260,915	131 891,634	12,854	12,384							
34	52	95 379	9 558,808	121 630,719	12,724	12,255							
35	53	95 038	8 901,514	112 071,912	12,590	12,121							
36	54	94 667	8 286,710	103 170,398	12,450	11,981							
37	55	94 279	7 712,871	94 883,688	12,302	11,832							
38	56	93 847	7 175,265	87 170,817	12,149	11,679							
39	57	93 391	6 673,228	79 995,552	11,988	11,518							
40	58	92 896	6 203,637	73 322,324	11,819	11,350							
41	59	92 346	5 763,487	67 118,687	11,646	11,176							
42	60	91 769	5 352,735	61 355,200	11,462	10,993							
43	61	91 120	4 967,180	56 002,465	11,274	10,805							
44	62	90 427	4 606,954	51 035,285	11,078	10,608							
45	63	89 669	4 269,443	46 428,331	10,875	10,405							
46	64	88 856	3 953,971	42 158,888	10,662	10,193							
47	65	87 974	3 658,604	38 204,917	10,442	9,973							
48	66	87 023	3 382,288	34 546,313	10,214	9,744							
49	67	86 002	3 123,963	31 164,025	9,976	9,506							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 475 314,233	14,834	14,364	50	69	84 063	2 853,758	27 161,360	9,518	9,048
1	20	99 032	92 553,208	1 375 857,012	14,866	14,396	51	70	82 786	2 626,544	24 307,602	9,255	8,785
2	21	98 976	86 449,294	1 283 303,803	14,845	14,375	52	71	81 404	2 413,740	21 681,059	8,982	8,513
3	22	98 935	80 760,722	1 196 854,509	14,820	14,350	53	72	79 896	2 214,026	19 267,319	8,702	8,233
4	23	98 898	75 448,572	1 116 093,788	14,793	14,323	54	73	78 208	2 025,474	17 053,294	8,419	7,950
5	24	98 861	70 486,487	1 040 645,216	14,764	14,294	55	74	76 360	1 848,231	15 027,819	8,131	7,661
6	25	98 827	65 852,625	970 158,728	14,732	14,263	56	75	74 367	1 682,254	13 179,589	7,834	7,365
7	26	98 795	61 524,307	904 306,104	14,698	14,229	57	76	72 169	1 525,719	11 497,334	7,536	7,066
8	27	98 759	57 478,432	842 781,796	14,663	14,193	58	77	69 779	1 378,694	9 971,615	7,233	6,763
9	28	98 724	53 699,131	785 303,364	14,624	14,155	59	78	67 160	1 240,127	8 592,922	6,929	6,460
10	29	98 690	50 168,762	731 604,233	14,583	14,113	60	79	64 303	1 109,698	7 352,794	6,626	6,156
11	30	98 653	46 869,497	681 435,472	14,539	14,069	61	80	61 232	987,574	6 243,096	6,322	5,852
12	31	98 617	43 786,989	634 565,974	14,492	14,023	62	81	57 918	873,008	5 255,522	6,020	5,551
13	32	98 574	40 904,800	590 778,985	14,443	13,973	63	82	54 374	765,978	4 382,514	5,721	5,252
14	33	98 531	38 212,199	549 874,184	14,390	13,921	64	83	50 609	666,290	3 616,536	5,428	4,958
15	34	98 480	35 693,528	511 661,985	14,335	13,865	65	84	46 641	573,882	2 950,246	5,141	4,671
16	35	98 420	33 338,240	475 968,457	14,277	13,807	66	85	42 517	488,916	2 376,363	4,860	4,391
17	36	98 349	31 134,720	442 630,218	14,217	13,747	67	86	38 242	410,989	1 887,447	4,592	4,123
18	37	98 269	29 074,370	411 495,497	14,153	13,684	68	87	33 923	340,724	1 476,458	4,333	3,864
19	38	98 163	27 142,904	382 421,127	14,089	13,620	69	88	29 443	276,381	1 135,734	4,109	3,640
20	39	98 052	25 338,420	355 278,223	14,021	13,552	70	89	25 193	221,010	859,352	3,888	3,419
21	40	97 924	23 649,975	329 939,803	13,951	13,481	71	90	21 160	173,491	638,342	3,679	3,210
22	41	97 799	22 074,571	306 289,828	13,875	13,406	72	91	17 559	134,544	464,851	3,455	2,985
23	42	97 663	20 601,698	284 215,257	13,796	13,326	73	92	14 096	100,946	330,307	3,272	2,803
24	43	97 517	19 225,116	263 613,559	13,712	13,242	74	93	11 066	74,060	229,361	3,097	2,627
25	44	97 358	17 938,093	244 388,443	13,624	13,154	75	94	8 460	52,914	155,301	2,935	2,465
26	45	97 190	16 735,690	226 450,350	13,531	13,061	76	95	6 293	36,785	102,387	2,783	2,314
27	46	96 999	15 610,137	209 714,660	13,435	12,965	77	96	4 544	24,828	65,602	2,642	2,173
28	47	96 788	14 557,068	194 104,523	13,334	12,865	78	97	3 179	16,229	40,774	2,512	2,043
29	48	96 560	13 572,710	179 547,455	13,229	12,759	79	98	2 149	10,256	24,545	2,393	1,924
30	49	96 319	12 653,126	165 974,744	13,117	12,648	80	99	1 405	6,265	14,289	2,281	1,811
31	50	96 053	11 792,773	153 321,618	13,001	12,532	81	100	884	3,684	8,024	2,178	1,709
32	51	95 758	10 987,382	141 528,846	12,881	12,412							
33	52	95 448	10 235,357	130 541,464	12,754	12,284							
34	53	95 115	9 532,322	120 306,106	12,621	12,151							
35	54	94 749	8 874,461	110 773,784	12,482	12,013							
36	55	94 365	8 260,307	101 899,324	12,336	11,867							
37	56	93 940	7 685,124	93 639,017	12,184	11,715							
38	57	93 491	7 148,050	85 953,893	12,025	11,555							
39	58	93 005	6 645,692	78 805,843	11,858	11,389							
40	59	92 473	6 175,350	72 160,151	11,685	11,216							
41	60	91 905	5 735,947	65 984,800	11,504	11,034							
42	61	91 267	5 323,467	60 248,853	11,318	10,848							
43	62	90 602	4 938,939	54 925,386	11,121	10,651							
44	63	89 860	4 578,047	49 986,447	10,919	10,449							
45	64	89 071	4 240,972	45 408,400	10,707	10,238							
46	65	88 217	3 925,519	41 167,429	10,487	10,018							
47	66	87 293	3 630,277	37 241,910	10,259	9,789							
48	67	86 307	3 354,486	33 611,632	10,020	9,550							
49	68	85 227	3 095,786	30 257,146	9,774	9,304							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 473 275,454	14,816	14,347	50	70	83 141	2 822,459	26 237,391	9,296	8,826
1	21	99 011	92 533,681	1 373 839,622	14,847	14,377	51	71	81 797	2 595,161	23 414,932	9,023	8,553
2	22	98 954	86 430,608	1 281 305,941	14,825	14,355	52	72	80 318	2 381,533	20 819,771	8,742	8,273
3	23	98 913	80 742,163	1 194 875,332	14,799	14,329	53	73	78 659	2 179,763	18 438,238	8,459	7,989
4	24	98 875	75 431,411	1 114 133,169	14,770	14,301	54	74	76 852	1 990,362	16 258,474	8,169	7,699
5	25	98 838	70 470,462	1 038 701,758	14,740	14,270	55	75	74 884	1 812,516	14 268,113	7,872	7,402
6	26	98 805	65 837,950	968 231,296	14,706	14,237	56	76	72 711	1 644,772	12 455,597	7,573	7,103
7	27	98 768	61 507,871	902 393,346	14,671	14,202	57	77	70 340	1 487,046	10 810,826	7,270	6,800
8	28	98 733	57 463,595	840 885,476	14,633	14,164	58	78	67 759	1 338,775	9 323,780	6,964	6,495
9	29	98 698	53 685,184	783 421,881	14,593	14,123	59	79	64 926	1 198,883	7 985,005	6,660	6,191
10	30	98 662	50 154,847	729 736,697	14,550	14,080	60	80	61 888	1 068,028	6 786,122	6,354	5,884
11	31	98 626	46 856,634	679 581,851	14,503	14,034	61	81	58 576	944,740	5 718,094	6,053	5,583
12	32	98 585	43 772,714	632 725,216	14,455	13,985	62	82	55 051	829,798	4 773,354	5,752	5,283
13	33	98 540	40 890,633	588 952,502	14,403	13,934	63	83	51 282	722,418	3 943,556	5,459	4,989
14	34	98 496	38 198,374	548 061,869	14,348	13,878	64	84	47 321	623,009	3 221,138	5,170	4,701
15	35	98 440	35 679,043	509 863,495	14,290	13,821	65	85	43 190	531,423	2 598,129	4,889	4,419
16	36	98 378	33 324,032	474 184,452	14,230	13,760	66	86	38 891	447,214	2 066,706	4,621	4,152
17	37	98 303	31 120,202	440 860,420	14,166	13,697	67	87	34 546	371,268	1 619,492	4,362	3,893
18	38	98 218	29 059,057	409 740,218	14,100	13,631	68	88	30 034	301,656	1 248,224	4,138	3,668
19	39	98 105	27 126,902	380 681,161	14,033	13,564	69	89	25 749	241,706	946,568	3,916	3,447
20	40	97 983	25 320,600	353 554,260	13,963	13,494	70	90	21 672	190,120	704,862	3,707	3,238
21	41	97 854	23 633,118	328 233,660	13,889	13,419	71	91	18 025	147,780	514,742	3,483	3,014
22	42	97 718	22 056,227	304 600,542	13,810	13,341	72	92	14 519	111,249	366,962	3,299	2,829
23	43	97 571	20 582,210	282 544,315	13,728	13,258	73	93	11 432	81,869	255,714	3,123	2,654
24	44	97 414	19 204,823	261 962,104	13,640	13,171	74	94	8 777	58,738	173,845	2,960	2,490
25	45	97 248	17 917,808	242 757,281	13,548	13,079	75	95	6 553	40,988	115,106	2,808	2,339
26	46	97 059	16 713,054	224 839,473	13,453	12,983	76	96	4 754	27,793	74,118	2,667	2,197
27	47	96 849	15 585,927	208 126,419	13,353	12,884	77	97	3 345	18,273	46,326	2,535	2,066
28	48	96 620	14 531,805	192 540,492	13,250	12,780	78	98	2 276	11,621	28,052	2,414	1,944
29	49	96 381	13 547,561	178 008,687	13,140	12,670	79	99	1 495	7,136	16,431	2,303	1,833
30	50	96 117	12 626,655	164 461,126	13,025	12,555	80	100	948	4,229	9,296	2,198	1,728
31	51	95 829	11 765,219	151 834,471	12,905	12,436							
32	52	95 519	10 960,015	140 069,252	12,780	12,311							
33	53	95 184	10 206,997	129 109,237	12,649	12,180							
34	54	94 826	9 503,351	118 902,240	12,512	12,042							
35	55	94 447	8 846,185	109 398,889	12,367	11,897							
36	56	94 026	8 230,590	100 552,704	12,217	11,747							
37	57	93 584	7 655,975	92 322,113	12,059	11,589							
38	58	93 106	7 118,555	84 666,138	11,894	11,424							
39	59	92 581	6 615,390	77 547,583	11,722	11,253							
40	60	92 031	6 145,842	70 932,193	11,541	11,072							
41	61	91 403	5 704,583	64 786,351	11,357	10,887							
42	62	90 748	5 293,201	59 081,767	11,162	10,692							
43	63	90 033	4 907,948	53 788,566	10,959	10,490							
44	64	89 261	4 547,517	48 880,618	10,749	10,279							
45	65	88 430	4 210,455	44 333,101	10,529	10,060							
46	66	87 534	3 895,126	40 122,646	10,301	9,831							
47	67	86 575	3 600,437	36 227,520	10,062	9,592							
48	68	85 529	3 324,230	32 627,083	9,815	9,345							
49	69	84 392	3 065,462	29 302,853	9,559	9,090							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 471 101,682	14,798	14,328	50	71	82 148	2 788,736	25 268,423	9,061	8,591
1	22	98 990	92 513,680	1 371 686,829	14,827	14,357	51	72	80 706	2 560,534	22 479,688	8,779	8,310
2	23	98 932	86 410,747	1 279 173,150	14,803	14,334	52	73	79 075	2 344,679	19 919,154	8,495	8,026
3	24	98 890	80 723,798	1 192 762,402	14,776	14,306	53	74	77 296	2 141,976	17 574,475	8,205	7,735
4	25	98 853	75 414,261	1 112 038,604	14,746	14,276	54	75	75 367	1 951,900	15 432,499	7,906	7,437
5	26	98 816	70 454,758	1 036 624,343	14,713	14,244	55	76	73 216	1 772,131	13 480,599	7,607	7,137
6	27	98 779	65 820,361	966 169,585	14,679	14,209	56	77	70 867	1 603,080	11 708,469	7,304	6,834
7	28	98 743	61 491,994	900 349,224	14,642	14,172	57	78	68 303	1 443,989	10 105,388	6,998	6,529
8	29	98 708	57 448,670	838 857,231	14,602	14,132	58	79	65 505	1 294,249	8 661,399	6,692	6,223
9	30	98 671	53 670,293	781 408,561	14,559	14,090	59	80	62 488	1 153,864	7 367,149	6,385	5,915
10	31	98 635	50 141,082	727 738,268	14,514	14,044	60	81	59 204	1 021,705	6 213,285	6,081	5,612
11	32	98 594	46 841,358	677 597,185	14,466	13,996	61	82	55 677	897,979	5 191,580	5,781	5,312
12	33	98 550	43 757,553	630 755,827	14,415	13,945	62	83	51 921	782,609	4 293,601	5,486	5,017
13	34	98 504	40 875,839	586 998,274	14,361	13,891	63	84	47 951	675,491	3 510,992	5,198	4,728
14	35	98 456	38 182,873	546 122,435	14,303	13,833	64	85	43 820	576,915	2 835,501	4,915	4,445
15	36	98 398	35 663,838	507 939,562	14,242	13,773	65	86	39 506	486,095	2 258,587	4,646	4,177
16	37	98 332	33 308,493	472 275,724	14,179	13,709	66	87	35 132	403,991	1 772,491	4,387	3,918
17	38	98 251	31 103,811	438 967,231	14,113	13,643	67	88	30 585	328,698	1 368,500	4,163	3,694
18	39	98 160	29 041,924	407 863,420	14,044	13,574	68	89	26 266	263,810	1 039,802	3,941	3,472
19	40	98 036	27 107,824	378 821,496	13,975	13,505	69	90	22 150	207,923	775,993	3,732	3,263
20	41	97 913	25 302,552	351 713,672	13,900	13,431	70	91	18 460	161,945	568,070	3,508	3,038
21	42	97 773	23 613,479	326 411,120	13,823	13,354	71	92	14 904	122,193	406,125	3,324	2,854
22	43	97 626	22 035,363	302 797,641	13,741	13,272	72	93	11 775	90,225	283,932	3,147	2,677
23	44	97 468	20 560,485	280 762,278	13,655	13,186	73	94	9 067	64,932	193,708	2,983	2,514
24	45	97 304	19 183,106	260 201,793	13,564	13,095	74	95	6 798	45,499	128,776	2,830	2,361
25	46	97 116	17 893,573	241 018,687	13,470	13,000	75	96	4 951	30,968	83,277	2,689	2,220
26	47	96 908	16 687,134	223 125,114	13,371	12,902	76	97	3 499	20,456	52,308	2,557	2,088
27	48	96 681	15 558,879	206 437,981	13,268	12,799	77	98	2 395	13,085	31,853	2,434	1,965
28	49	96 441	14 504,878	190 879,101	13,160	12,690	78	99	1 583	8,085	18,768	2,321	1,852
29	50	96 179	13 519,218	176 374,223	13,046	12,577	79	100	1 010	4,817	10,683	2,218	1,748
30	51	95 893	12 597,153	162 855,005	12,928	12,458							
31	52	95 590	11 735,915	150 257,852	12,803	12,334							
32	53	95 255	10 929,646	138 521,937	12,674	12,204							
33	54	94 894	10 175,976	127 592,291	12,539	12,069							
34	55	94 523	9 473,072	117 416,315	12,395	11,925							
35	56	94 107	8 814,361	107 943,243	12,246	11,777							
36	57	93 669	8 199,373	99 128,882	12,090	11,620							
37	58	93 198	7 624,384	90 929,509	11,926	11,457							
38	59	92 681	7 086,097	83 305,125	11,756	11,287							
39	60	92 139	6 583,780	76 219,028	11,577	11,107							
40	61	91 527	6 112,238	69 635,248	11,393	10,923							
41	62	90 883	5 672,150	63 523,011	11,199	10,730							
42	63	90 179	5 259,987	57 850,860	10,998	10,529							
43	64	89 433	4 875,219	52 590,873	10,787	10,318							
44	65	88 618	4 514,794	47 715,654	10,569	10,099							
45	66	87 745	4 177,855	43 200,860	10,340	9,871							
46	67	86 814	3 863,109	39 023,005	10,101	9,632							
47	68	85 794	3 567,963	35 159,896	9,854	9,385							
48	69	84 691	3 291,669	31 591,933	9,598	9,128							
49	70	83 466	3 031,841	28 300,264	9,334	8,865							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 468 783,094	14,777	14,308	50	72	81 052	2 751,525	24 254,074	8,815	8,345
1	23	98 967	92 492,421	1 369 389,729	14,805	14,336	51	73	79 457	2 520,909	21 502,549	8,530	8,060
2	24	98 909	86 391,093	1 276 897,309	14,780	14,311	52	74	77 704	2 304,033	18 981,640	8,238	7,769
3	25	98 868	80 705,445	1 190 506,216	14,751	14,282	53	75	75 802	2 100,585	16 677,607	7,940	7,470
4	26	98 831	75 397,456	1 109 800,771	14,719	14,250	54	76	73 688	1 908,409	14 577,023	7,638	7,169
5	27	98 790	70 435,936	1 034 403,315	14,686	14,216	55	77	71 360	1 727,211	12 668,613	7,335	6,865
6	28	98 753	65 803,370	963 967,380	14,649	14,180	56	78	68 816	1 556,664	10 941,402	7,029	6,559
7	29	98 717	61 476,022	898 164,009	14,610	14,140	57	79	66 031	1 395,965	9 384,738	6,723	6,253
8	30	98 680	57 432,736	836 687,987	14,568	14,099	58	80	63 046	1 245,650	7 988,773	6,413	5,944
9	31	98 644	53 655,564	779 255,252	14,523	14,054	59	81	59 778	1 103,818	6 743,123	6,109	5,639
10	32	98 603	50 124,735	725 599,688	14,476	14,006	60	82	56 274	971,135	5 639,306	5,807	5,337
11	33	98 560	46 825,135	675 474,953	14,425	13,956	61	83	52 511	846,913	4 668,171	5,512	5,042
12	34	98 515	43 741,722	628 649,818	14,372	13,902	62	84	48 548	731,772	3 821,258	5,222	4,752
13	35	98 464	40 859,251	584 908,096	14,315	13,846	63	85	44 403	625,514	3 089,487	4,939	4,470
14	36	98 414	38 166,601	544 048,845	14,255	13,785	64	86	40 082	527,707	2 463,973	4,669	4,200
15	37	98 352	35 647,207	505 882,244	14,191	13,722	65	87	35 688	439,115	1 936,266	4,409	3,940
16	38	98 280	33 290,949	470 235,036	14,125	13,655	66	88	31 104	357,669	1 497,151	4,186	3,716
17	39	98 193	31 085,473	436 944,087	14,056	13,587	67	89	26 748	287,459	1 139,482	3,964	3,494
18	40	98 091	29 021,500	405 858,614	13,985	13,515	68	90	22 595	226,937	852,023	3,754	3,285
19	41	97 966	27 088,502	376 837,114	13,911	13,442	69	91	18 868	177,109	625,086	3,529	3,060
20	42	97 832	25 281,526	349 748,612	13,834	13,365	70	92	15 264	133,905	447,977	3,345	2,876
21	43	97 681	23 591,142	324 467,086	13,754	13,284	71	93	12 087	99,100	314,072	3,169	2,700
22	44	97 522	22 012,104	300 875,944	13,669	13,199	72	94	9 339	71,559	214,971	3,004	2,535
23	45	97 357	20 537,234	278 863,840	13,578	13,109	73	95	7 024	50,297	143,413	2,851	2,382
24	46	97 172	19 157,160	258 326,606	13,485	13,015	74	96	5 137	34,377	93,116	2,709	2,239
25	47	96 966	17 865,821	239 169,446	13,387	12,917	75	97	3 644	22,793	58,739	2,577	2,108
26	48	96 740	16 658,174	221 303,625	13,285	12,815	76	98	2 506	14,647	35,946	2,454	1,985
27	49	96 502	15 530,049	204 645,450	13,177	12,708	77	99	1 666	9,103	21,299	2,340	1,870
28	50	96 239	14 474,533	189 115,401	13,065	12,596	78	100	1 069	5,458	12,196	2,234	1,765
29	51	95 954	13 487,631	174 640,868	12,948	12,479							
30	52	95 654	12 565,776	161 153,237	12,825	12,355							
31	53	95 325	11 703,396	148 587,461	12,696	12,227							
32	54	94 965	10 896,429	136 884,064	12,562	12,093							
33	55	94 592	10 143,554	125 987,635	12,420	11,951							
34	56	94 183	9 438,992	115 844,081	12,273	11,803							
35	57	93 750	8 780,929	106 405,089	12,118	11,648							
36	58	93 283	8 165,540	97 624,160	11,956	11,486							
37	59	92 773	7 589,620	89 458,620	11,787	11,317							
38	60	92 238	7 052,237	81 869,001	11,609	11,139							
39	61	91 635	6 547,780	74 816,763	11,426	10,957							
40	62	91 007	6 077,487	68 268,983	11,233	10,764							
41	63	90 313	5 636,559	62 191,496	11,034	10,564							
42	64	89 577	5 224,910	56 554,938	10,824	10,355							
43	65	88 789	4 840,138	51 330,027	10,605	10,136							
44	66	87 932	4 479,839	46 489,889	10,378	9,908							
45	67	87 024	4 143,514	42 010,051	10,139	9,669							
46	68	86 031	3 828,265	37 866,536	9,891	9,422							
47	69	84 954	3 533,014	34 038,271	9,634	9,165							
48	70	83 762	3 255,567	30 505,257	9,370	8,901							
49	71	82 469	2 995,616	27 249,690	9,097	8,627							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 466 310,167	14,756	14,286	50	73	79 797	2 708,945	23 195,092	8,562	8,093
1	24	98 944	92 471,383	1 366 939,643	14,782	14,313	51	74	78 079	2 477,208	20 486,147	8,270	7,800
2	25	98 887	86 371,451	1 274 468,260	14,756	14,286	52	75	76 203	2 259,509	18 008,939	7,970	7,501
3	26	98 846	80 687,461	1 188 096,809	14,725	14,255	53	76	74 113	2 053,781	15 749,429	7,669	7,199
4	27	98 804	75 377,313	1 107 409,348	14,692	14,222	54	77	71 820	1 860,035	13 695,648	7,363	6,894
5	28	98 765	70 417,754	1 032 032,036	14,656	14,186	55	78	69 294	1 677,201	11 835,613	7,057	6,587
6	29	98 727	65 786,279	961 614,282	14,617	14,148	56	79	66 527	1 504,893	10 158,412	6,750	6,281
7	30	98 690	61 458,971	895 828,003	14,576	14,107	57	80	63 552	1 343,546	8 653,519	6,441	5,971
8	31	98 653	57 416,974	834 369,032	14,532	14,062	58	81	60 311	1 191,622	7 309,974	6,134	5,665
9	32	98 611	53 638,071	776 952,058	14,485	14,016	59	82	56 819	1 049,183	6 118,352	5,832	5,362
10	33	98 569	50 107,375	723 313,987	14,435	13,966	60	83	53 074	915,908	5 069,169	5,535	5,065
11	34	98 524	46 808,194	673 206,612	14,382	13,913	61	84	49 100	791,898	4 153,260	5,245	4,775
12	35	98 475	43 723,971	626 398,418	14,326	13,857	62	85	44 956	677,631	3 361,362	4,960	4,491
13	36	98 423	40 841,839	582 674,448	14,267	13,797	63	86	40 616	572,161	2 683,731	4,691	4,221
14	37	98 368	38 148,803	541 832,609	14,203	13,734	64	87	36 209	476,704	2 111,571	4,430	3,960
15	38	98 300	35 628,432	503 683,806	14,137	13,668	65	88	31 596	388,765	1 634,866	4,205	3,736
16	39	98 222	33 271,322	468 055,374	14,068	13,598	66	89	27 201	312,795	1 246,101	3,984	3,514
17	40	98 124	31 063,612	434 784,052	13,997	13,527	67	90	23 009	247,281	933,306	3,774	3,305
18	41	98 021	29 000,814	403 720,440	13,921	13,451	68	91	19 246	193,306	686,025	3,549	3,079
19	42	97 885	27 065,992	374 719,626	13,845	13,375	69	92	15 601	146,444	492,719	3,365	2,895
20	43	97 739	25 257,611	347 653,634	13,764	13,295	70	93	12 379	108,599	346,275	3,189	2,719
21	44	97 577	23 566,241	322 396,023	13,680	13,211	71	94	9 587	78,598	237,676	3,024	2,554
22	45	97 412	21 987,212	298 829,783	13,591	13,122	72	95	7 234	55,430	159,077	2,870	2,400
23	46	97 226	20 509,456	276 842,571	13,498	13,029	73	96	5 307	38,002	103,648	2,727	2,258
24	47	97 021	19 127,448	256 333,114	13,401	12,932	74	97	3 781	25,302	65,646	2,595	2,125
25	48	96 797	17 834,817	237 205,666	13,300	12,831	75	98	2 609	16,321	40,344	2,472	2,002
26	49	96 561	16 627,307	219 370,849	13,193	12,724	76	99	1 743	10,190	24,023	2,357	1,888
27	50	96 300	15 497,559	202 743,542	13,082	12,613	77	100	1 125	6,145	13,833	2,251	1,781
28	51	96 014	14 440,714	187 245,982	12,967	12,497							
29	52	95 715	13 454,036	172 805,268	12,844	12,375							
30	53	95 389	12 530,959	159 351,232	12,717	12,247							
31	54	95 036	11 667,828	146 820,274	12,583	12,114							
32	55	94 663	10 861,711	135 152,446	12,443	11,974							
33	56	94 252	10 107,062	124 290,734	12,297	11,828							
34	57	93 826	9 403,191	114 183,672	12,143	11,674							
35	58	93 363	8 744,696	104 780,481	11,982	11,513							
36	59	92 857	8 128,308	96 035,785	11,815	11,345							
37	60	92 329	7 553,354	87 907,477	11,638	11,169							
38	61	91 734	7 013,676	80 354,123	11,457	10,987							
39	62	91 114	6 510,553	73 340,447	11,265	10,795							
40	63	90 436	6 039,352	66 829,894	11,066	10,596							
41	64	89 710	5 598,971	60 790,542	10,857	10,388							
42	65	88 933	5 187,313	55 191,571	10,640	10,170							
43	66	88 102	4 802,663	50 004,259	10,412	9,942							
44	67	87 210	4 443,016	45 201,595	10,174	9,704							
45	68	86 239	4 106,141	40 758,580	9,926	9,457							
46	69	85 188	3 790,767	36 652,438	9,669	9,199							
47	70	84 022	3 494,265	32 861,671	9,404	8,935							
48	71	82 761	3 216,669	29 367,406	9,130	8,660							
49	72	81 369	2 955,645	26 150,738	8,848	8,378							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 463 673,631	14,733	14,263	50	74	78 414	2 661,985	22 094,321	8,300	7,830
1	25	98 922	92 450,359	1 364 325,709	14,757	14,288	51	75	76 570	2 429,338	19 432,337	7,999	7,530
2	26	98 865	86 352,204	1 271 875,350	14,729	14,259	52	76	74 505	2 209,165	17 002,998	7,697	7,227
3	27	98 819	80 665,904	1 185 523,146	14,697	14,227	53	77	72 234	2 001,722	14 793,833	7,391	6,921
4	28	98 779	75 357,855	1 104 857,241	14,661	14,192	54	78	69 740	1 806,179	12 792,111	7,082	6,613
5	29	98 739	70 399,464	1 029 499,386	14,624	14,154	55	79	66 989	1 621,421	10 985,932	6,775	6,306
6	30	98 700	65 768,032	959 099,922	14,583	14,114	56	80	64 029	1 448,383	9 364,511	6,465	5,996
7	31	98 663	61 442,104	893 331,890	14,539	14,070	57	81	60 795	1 285,272	7 916,128	6,159	5,690
8	32	98 621	57 398,254	831 889,785	14,493	14,024	58	82	57 326	1 132,642	6 630,856	5,854	5,385
9	33	98 577	53 619,494	774 491,531	14,444	13,975	59	83	53 588	989,519	5 498,215	5,556	5,087
10	34	98 533	50 089,246	720 872,037	14,392	13,922	60	84	49 626	856,412	4 508,696	5,265	4,795
11	35	98 484	46 789,198	670 782,791	14,336	13,867	61	85	45 467	733,309	3 652,285	4,981	4,511
12	36	98 433	43 705,338	623 993,593	14,277	13,808	62	86	41 121	619,832	2 918,976	4,709	4,240
13	37	98 377	40 822,794	580 288,255	14,215	13,745	63	87	36 690	516,862	2 299,144	4,448	3,979
14	38	98 316	38 128,710	539 465,462	14,149	13,679	64	88	32 057	422,045	1 782,281	4,223	3,753
15	39	98 242	35 607,427	501 336,752	14,080	13,610	65	89	27 632	339,990	1 360,237	4,001	3,531
16	40	98 153	33 247,923	465 729,325	14,008	13,538	66	90	23 399	269,076	1 020,247	3,792	3,322
17	41	98 054	31 041,470	432 481,402	13,932	13,463	67	91	19 599	210,635	751,170	3,566	3,097
18	42	97 939	28 976,715	401 439,932	13,854	13,384	68	92	15 914	159,836	540,536	3,382	2,912
19	43	97 792	27 040,389	372 463,217	13,774	13,305	69	93	12 653	118,769	380,700	3,205	2,736
20	44	97 636	25 230,950	345 422,828	13,690	13,221	70	94	9 818	86,132	261,931	3,041	2,572
21	45	97 467	23 539,591	320 191,878	13,602	13,133	71	95	7 426	60,883	175,799	2,888	2,418
22	46	97 280	21 957,473	296 652,286	13,510	13,041	72	96	5 466	41,880	114,916	2,744	2,274
23	47	97 075	20 477,648	274 694,814	13,414	12,945	73	97	3 906	27,970	73,036	2,611	2,142
24	48	96 853	19 094,254	254 217,166	13,314	12,844	74	98	2 707	18,117	45,067	2,487	2,018
25	49	96 618	17 801,769	235 122,911	13,208	12,738	75	99	1 815	11,355	26,949	2,373	1,904
26	50	96 359	16 592,522	217 321,142	13,098	12,628	76	100	1 177	6,879	15,595	2,267	1,797
27	51	96 075	15 461,350	200 728,620	12,983	12,513							
28	52	95 775	14 404,745	185 267,270	12,862	12,392							
29	53	95 450	13 416,757	170 862,525	12,735	12,265							
30	54	95 099	12 492,875	157 445,767	12,603	12,133							
31	55	94 733	11 630,652	144 952,893	12,463	11,993							
32	56	94 322	10 822,636	133 322,240	12,319	11,849							
33	57	93 894	10 068,727	122 499,604	12,166	11,697							
34	58	93 439	9 364,391	112 430,877	12,006	11,537							
35	59	92 938	8 704,823	103 066,486	11,840	11,371							
36	60	92 414	8 089,468	94 361,663	11,665	11,195							
37	61	91 824	7 512,053	86 272,195	11,485	11,015							
38	62	91 212	6 973,800	78 760,142	11,294	10,824							
39	63	90 542	6 469,701	71 786,342	11,096	10,626							
40	64	89 833	5 999,078	65 316,641	10,888	10,418							
41	65	89 065	5 558,681	59 317,563	10,671	10,202							
42	66	88 244	5 147,150	53 758,882	10,444	9,975							
43	67	87 378	4 763,187	48 611,731	10,206	9,736							
44	68	86 423	4 402,941	43 848,545	9,959	9,489							
45	69	85 394	4 065,921	39 445,603	9,702	9,232							
46	70	84 254	3 749,191	35 379,682	9,437	8,967							
47	71	83 018	3 452,515	31 630,491	9,162	8,692							
48	72	81 657	3 173,749	28 177,976	8,878	8,409							
49	73	80 110	2 909,906	25 004,228	8,593	8,123							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 460 861,873	14,708	14,238	50	75	76 899	2 610,544	20 953,771	8,027	7,557
1	26	98 900	92 429,757	1 361 536,538	14,730	14,261	51	76	74 864	2 375,210	18 343,227	7,723	7,253
2	27	98 838	86 329,134	1 269 106,780	14,701	14,231	52	77	72 616	2 153,168	15 968,017	7,416	6,947
3	28	98 794	80 645,082	1 182 777,646	14,666	14,197	53	78	70 143	1 943,764	13 814,849	7,107	6,638
4	29	98 753	75 338,282	1 102 132,564	14,629	14,160	54	79	67 421	1 746,109	11 871,085	6,799	6,329
5	30	98 712	70 379,938	1 026 794,282	14,589	14,120	55	80	64 474	1 560,535	10 124,976	6,488	6,019
6	31	98 673	65 749,983	956 414,344	14,546	14,077	56	81	61 252	1 385,562	8 564,440	6,181	5,712
7	32	98 630	61 422,072	890 664,361	14,501	14,031	57	82	57 786	1 221,656	7 178,878	5,876	5,407
8	33	98 587	57 378,375	829 242,288	14,452	13,983	58	83	54 066	1 068,231	5 957,222	5,577	5,107
9	34	98 542	53 600,095	771 863,914	14,400	13,931	59	84	50 107	925,240	4 888,992	5,284	4,815
10	35	98 493	50 068,919	718 263,819	14,346	13,876	60	85	45 954	793,049	3 963,751	4,998	4,529
11	36	98 442	46 769,259	668 194,900	14,287	13,818	61	86	41 589	670,761	3 170,702	4,727	4,258
12	37	98 387	43 684,957	621 425,641	14,225	13,756	62	87	37 147	559,926	2 499,941	4,465	3,995
13	38	98 325	40 801,292	577 740,684	14,160	13,690	63	88	32 483	457,598	1 940,015	4,240	3,770
14	39	98 258	38 106,231	536 939,392	14,091	13,621	64	89	28 035	369,094	1 482,417	4,016	3,547
15	40	98 173	35 582,385	498 833,161	14,019	13,550	65	90	23 770	292,470	1 113,323	3,807	3,337
16	41	98 083	33 224,224	463 250,776	13,943	13,474	66	91	19 932	229,200	820,853	3,581	3,112
17	42	97 973	31 015,675	430 026,552	13,865	13,395	67	92	16 206	174,165	591,653	3,397	2,928
18	43	97 847	28 949,304	399 010,877	13,783	13,314	68	93	12 906	129,630	417,488	3,221	2,751
19	44	97 689	27 011,847	370 061,572	13,700	13,230	69	94	10 035	94,197	287,858	3,056	2,586
20	45	97 525	25 202,418	343 049,726	13,612	13,142	70	95	7 605	66,718	193,661	2,903	2,433
21	46	97 335	23 507,752	317 847,307	13,521	13,051	71	96	5 611	46,000	126,942	2,760	2,290
22	47	97 130	21 923,419	294 339,555	13,426	12,956	72	97	4 023	30,824	80,942	2,626	2,156
23	48	96 906	20 442,111	272 416,136	13,326	12,857	73	98	2 797	20,027	50,118	2,502	2,033
24	49	96 674	19 058,873	251 974,025	13,221	12,751	74	99	1 883	12,605	30,091	2,387	1,918
25	50	96 416	17 764,527	232 915,152	13,111	12,642	75	100	1 226	7,666	17,486	2,281	1,812
26	51	96 133	16 553,754	215 150,625	12,997	12,528							
27	52	95 835	15 422,839	198 596,871	12,877	12,407							
28	53	95 509	14 364,832	183 174,032	12,752	12,282							
29	54	95 160	13 375,981	168 809,200	12,620	12,151							
30	55	94 796	12 453,070	155 433,218	12,482	12,012							
31	56	94 392	11 588,811	142 980,148	12,338	11,868							
32	57	93 964	10 781,587	131 391,337	12,187	11,717							
33	58	93 507	10 027,181	120 609,750	12,028	11,559							
34	59	93 013	9 321,693	110 582,570	11,863	11,393							
35	60	92 494	8 663,229	101 260,877	11,689	11,219							
36	61	91 908	8 045,236	92 597,648	11,510	11,040							
37	62	91 302	7 469,344	84 552,412	11,320	10,850							
38	63	90 640	6 930,041	77 083,069	11,123	10,654							
39	64	89 939	6 426,557	70 153,028	10,916	10,447							
40	65	89 187	5 955,909	63 726,471	10,700	10,230							
41	66	88 375	5 515,644	57 770,561	10,474	10,004							
42	67	87 519	5 104,842	52 254,918	10,236	9,767							
43	68	86 589	4 720,225	47 150,076	9,989	9,519							
44	69	85 576	4 359,814	42 429,851	9,732	9,263							
45	70	84 458	4 021,328	38 070,037	9,467	8,998							
46	71	83 247	3 704,395	34 048,710	9,191	8,722							
47	72	81 910	3 406,448	30 344,315	8,908	8,438							
48	73	80 393	3 124,634	26 937,867	8,621	8,152							
49	74	78 721	2 859,462	23 813,233	8,328	7,858							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	3 163,866	37 710,789	11,919	11,450
1	0	99 594	93 078,326	1 397 279,545	15,012	14,542	51	50	92 606	2 938,093	34 546,923	11,758	11,289
2	1	99 240	86 679,895	1 304 201,219	15,046	14,577	52	51	91 946	2 726,314	31 608,830	11,594	11,124
3	2	99 192	80 970,626	1 217 521,324	15,037	14,567	53	52	91 234	2 528,243	28 882,516	11,424	10,954
4	3	99 162	75 649,858	1 136 550,699	15,024	14,554	54	53	90 460	2 342,777	26 354,273	11,249	10,780
5	4	99 133	70 680,478	1 060 900,841	15,010	14,540	55	54	89 607	2 168,869	24 011,496	11,071	10,601
6	5	99 110	66 040,963	990 220,362	14,994	14,525	56	55	88 705	2 006,584	21 842,627	10,885	10,416
7	6	99 090	61 708,437	924 179,399	14,977	14,507	57	56	87 728	1 854,646	19 836,043	10,695	10,226
8	7	99 073	57 661,235	862 470,963	14,958	14,488	58	57	86 699	1 712,987	17 981,397	10,497	10,028
9	8	99 055	53 879,322	804 809,728	14,937	14,468	59	58	85 578	1 580,219	16 268,409	10,295	9,826
10	9	99 040	50 347,057	750 930,405	14,915	14,446	60	59	84 370	1 455,998	14 688,190	10,088	9,619
11	10	99 025	47 046,130	700 583,349	14,891	14,422	61	60	83 076	1 339,884	13 232,192	9,876	9,406
12	11	99 008	43 960,529	653 537,219	14,866	14,397	62	61	81 693	1 231,380	11 892,308	9,658	9,188
13	12	98 989	41 077,048	609 576,690	14,840	14,370	63	62	80 230	1 130,212	10 660,928	9,433	8,963
14	13	98 973	38 383,461	568 499,643	14,811	14,342	64	63	78 680	1 035,859	9 530,716	9,201	8,731
15	14	98 947	35 862,949	530 116,182	14,782	14,312	65	64	77 032	947,816	8 494,857	8,963	8,493
16	15	98 915	33 505,932	494 253,233	14,751	14,282	66	65	75 285	865,728	7 547,041	8,718	8,248
17	16	98 872	31 300,426	460 747,302	14,720	14,251	67	66	73 457	789,444	6 681,313	8,463	7,994
18	17	98 823	29 238,045	429 446,876	14,688	14,218	68	67	71 540	718,542	5 891,870	8,200	7,730
19	18	98 750	27 305,296	400 208,831	14,657	14,187	69	68	69 501	652,399	5 173,328	7,930	7,460
20	19	98 675	25 499,481	372 903,535	14,624	14,154	70	69	67 333	590,695	4 520,929	7,654	7,184
21	20	98 595	23 811,932	347 404,053	14,589	14,120	71	70	65 024	533,117	3 930,233	7,372	6,903
22	21	98 518	22 236,900	323 592,121	14,552	14,083	72	71	62 587	479,570	3 397,116	7,084	6,614
23	22	98 442	20 765,967	301 355,221	14,512	14,042	73	72	59 955	429,351	2 917,546	6,795	6,326
24	23	98 365	19 392,300	280 589,254	14,469	14,000	74	73	57 135	382,389	2 488,195	6,507	6,037
25	24	98 286	18 109,083	261 196,954	14,424	13,954	75	74	54 118	338,502	2 105,806	6,221	5,751
26	25	98 205	16 910,501	243 087,871	14,375	13,905	76	75	50 964	297,921	1 767,305	5,932	5,463
27	26	98 123	15 791,035	226 177,370	14,323	13,854	77	76	47 628	260,205	1 469,384	5,647	5,178
28	27	98 035	14 744,696	210 386,335	14,269	13,799	78	77	44 114	225,238	1 209,179	5,368	4,899
29	28	97 949	13 767,995	195 641,640	14,210	13,740	79	78	40 454	193,036	983,941	5,097	4,628
30	29	97 861	12 855,667	181 873,645	14,147	13,678	80	79	36 739	163,841	790,905	4,827	4,358
31	30	97 768	12 003,331	169 017,978	14,081	13,611	81	80	32 958	137,366	627,064	4,565	4,095
32	31	97 669	11 206,674	157 014,647	14,011	13,541	82	81	29 168	113,617	489,698	4,310	3,841
33	32	97 564	10 462,296	145 807,973	13,937	13,467	83	82	25 442	92,618	376,081	4,061	3,591
34	33	97 460	9 767,362	135 345,677	13,857	13,387	84	83	21 828	74,265	283,464	3,817	3,347
35	34	97 346	9 117,700	125 578,315	13,773	13,304	85	84	18 364	58,390	209,199	3,583	3,113
36	35	97 222	8 510,385	116 460,615	13,685	13,215	86	85	15 087	44,832	150,809	3,364	2,894
37	36	97 092	7 942,989	107 950,230	13,591	13,121	87	86	12 066	33,511	105,977	3,162	2,693
38	37	96 951	7 412,564	100 007,241	13,492	13,022	88	87	9 354	24,278	72,466	2,985	2,515
39	38	96 796	6 916,527	92 594,677	13,387	12,918	89	88	7 032	17,058	48,188	2,825	2,356
40	39	96 625	6 452,649	85 678,150	13,278	12,808	90	89	5 139	11,651	31,131	2,672	2,203
41	40	96 425	6 018,056	79 225,501	13,165	12,695	91	90	3 670	7,776	19,480	2,505	2,036
42	41	96 213	5 611,994	73 207,445	13,045	12,575	92	91	2 519	4,988	11,704	2,347	1,877
43	42	95 978	5 232,045	67 595,451	12,920	12,450	93	92	1 630	3,017	6,716	2,226	1,757
44	43	95 703	4 875,742	62 363,406	12,791	12,321	94	93	1 013	1,751	3,699	2,112	1,643
45	44	95 399	4 542,271	57 487,665	12,656	12,187	95	94	600	0,970	1,948	2,009	1,539
46	45	95 061	4 230,091	52 945,394	12,516	12,047	96	95	338	0,511	0,978	1,914	1,445
47	46	94 671	3 937,135	48 715,302	12,373	11,904	97	96	181	0,256	0,467	1,828	1,359
48	47	94 232	3 662,494	44 778,168	12,226	11,757	98	97	92	0,121	0,212	1,750	1,281
49	48	93 736	3 404,885	41 115,674	12,075	11,606	99	98	44	0,054	0,091	1,679	1,210
							100	99	20	0,023	0,037	1,614	1,145

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	3 169,740	37 943,571	11,971	11,501
1							51	49	92 800	2 944,253	34 773,831	11,811	11,341
2	0	99 558	86 958,127	1 304 942,138	15,007	14,537	52	50	92 161	2 732,698	31 829,578	11,648	11,178
3	1	99 221	80 993,655	1 217 984,011	15,038	14,569	53	51	91 462	2 534,556	29 096,880	11,480	11,011
4	2	99 178	75 662,056	1 136 990,356	15,027	14,558	54	52	90 711	2 349,287	26 562,324	11,307	10,837
5	3	99 147	70 690,614	1 061 328,300	15,014	14,544	55	53	89 880	2 175,481	24 213,037	11,130	10,660
6	4	99 122	66 048,879	990 637,686	14,999	14,529	56	54	88 989	2 012,998	22 037,556	10,948	10,478
7	5	99 099	61 714,019	924 588,807	14,982	14,512	57	55	88 044	1 861,342	20 024,558	10,758	10,289
8	6	99 081	57 665,859	862 874,788	14,963	14,494	58	56	87 029	1 719,509	18 163,216	10,563	10,094
9	7	99 063	53 883,824	805 208,929	14,943	14,474	59	57	85 932	1 586,767	16 443,707	10,363	9,894
10	8	99 046	50 350,184	751 325,105	14,922	14,452	60	58	84 756	1 462,667	14 856,940	10,157	9,688
11	9	99 031	47 049,117	700 974,921	14,899	14,429	61	59	83 475	1 346,317	13 394,273	9,949	9,479
12	10	99 016	43 964,071	653 925,805	14,874	14,405	62	60	82 142	1 238,150	12 047,956	9,731	9,261
13	11	98 997	41 080,310	609 961,734	14,848	14,379	63	61	80 689	1 136,674	10 809,806	9,510	9,041
14	12	98 981	38 386,403	568 881,424	14,820	14,350	64	62	79 176	1 042,400	9 673,131	9,280	8,810
15	13	98 957	35 866,477	530 495,021	14,791	14,321	65	63	77 549	954,179	8 630,731	9,045	8,576
16	14	98 927	33 510,080	494 628,544	14,761	14,291	66	64	75 831	872,003	7 676,552	8,803	8,334
17	15	98 886	31 304,669	461 118,464	14,730	14,261	67	65	74 030	795,604	6 804,550	8,553	8,083
18	16	98 839	29 242,746	429 813,794	14,698	14,229	68	66	72 133	724,497	6 008,946	8,294	7,824
19	17	98 768	27 310,090	400 571,048	14,668	14,198	69	67	70 134	658,337	5 284,449	8,027	7,557
20	18	98 697	25 505,053	373 260,958	14,635	14,165	70	68	67 999	596,538	4 626,112	7,755	7,285
21	19	98 616	23 817,054	347 755,905	14,601	14,132	71	69	65 745	539,029	4 029,574	7,476	7,006
22	20	98 539	22 241,593	323 938,851	14,565	14,095	72	70	63 344	485,369	3 490,544	7,192	6,722
23	21	98 463	20 770,456	301 697,258	14,525	14,056	73	71	60 766	435,158	3 005,175	6,906	6,436
24	22	98 387	19 396,757	280 926,802	14,483	14,014	74	72	58 033	388,399	2 570,017	6,617	6,147
25	23	98 308	18 113,203	261 530,045	14,439	13,969	75	73	55 073	344,473	2 181,618	6,333	5,864
26	24	98 228	16 914,346	243 416,842	14,391	13,922	76	74	51 969	303,791	1 837,145	6,047	5,578
27	25	98 145	15 794,555	226 502,495	14,341	13,871	77	75	48 714	266,134	1 533,354	5,762	5,292
28	26	98 061	14 748,636	210 707,941	14,287	13,817	78	76	45 261	231,096	1 267,220	5,484	5,014
29	27	97 974	13 771,550	195 959,305	14,229	13,760	79	77	41 660	198,792	1 036,123	5,212	4,743
30	28	97 886	12 859,007	182 187,755	14,168	13,699	80	78	38 003	169,478	837,331	4,941	4,471
31	29	97 796	12 006,661	169 328,748	14,103	13,633	81	79	34 244	142,725	667,854	4,679	4,210
32	30	97 696	11 209,751	157 322,088	14,034	13,565	82	80	30 491	118,768	525,129	4,421	3,952
33	31	97 596	10 465,708	146 112,337	13,961	13,492	83	81	26 767	97,440	406,361	4,170	3,701
34	32	97 494	9 770,746	135 646,628	13,883	13,413	84	82	23 144	78,743	308,920	3,923	3,454
35	33	97 381	9 121,000	125 875,883	13,801	13,331	85	83	19 639	62,446	230,178	3,686	3,217
36	34	97 262	8 513,840	116 754,883	13,714	13,244	86	84	16 292	48,414	167,731	3,464	2,995
37	35	97 133	7 946,375	108 241,043	13,621	13,152	87	85	13 191	36,636	119,317	3,257	2,787
38	36	96 996	7 416,022	100 294,667	13,524	13,055	88	86	10 354	26,875	82,681	3,077	2,607
39	37	96 847	6 920,171	92 878,645	13,421	12,952	89	87	7 943	19,267	55,806	2,896	2,427
40	38	96 682	6 456,456	85 958,474	13,314	12,844	90	88	5 876	13,322	36,539	2,743	2,273
41	39	96 493	6 022,291	79 502,018	13,201	12,732	91	89	4 266	9,039	23,218	2,569	2,099
42	40	96 282	5 615,997	73 479,727	13,084	12,614	92	90	2 957	5,856	14,178	2,421	1,952
43	41	96 058	5 236,396	67 863,730	12,960	12,490	93	91	1 972	3,649	8,322	2,281	1,811
44	42	95 794	4 880,358	62 627,333	12,833	12,363	94	92	1 249	2,159	4,674	2,164	1,695
45	43	95 500	4 547,071	57 746,975	12,700	12,230	95	93	756	1,223	2,514	2,056	1,587
46	44	95 169	4 234,880	53 199,904	12,562	12,093	96	94	437	0,660	1,291	1,957	1,488
47	45	94 799	3 942,467	48 965,024	12,420	11,950	97	95	240	0,338	0,632	1,868	1,398
48	46	94 378	3 668,183	45 022,557	12,274	11,804	98	96	125	0,164	0,293	1,786	1,317
49	47	93 899	3 410,804	41 354,374	12,125	11,655	99	97	61	0,075	0,129	1,712	1,242
							100	98	28	0,033	0,054	1,644	1,175

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	3 175,250	38 158,165	12,017	11,548
1							51	48	92 972	2 949,719	34 982,915	11,860	11,390
2							52	49	92 354	2 738,427	32 033,197	11,698	11,228
3	0	99 539	81 253,635	1 218 667,758	14,998	14,529	53	50	91 676	2 540,491	29 294,769	11,531	11,062
4	1	99 206	75 683,575	1 137 414,123	15,029	14,559	54	51	90 938	2 355,153	26 754,278	11,360	10,890
5	2	99 163	70 702,013	1 061 730,548	15,017	14,547	55	52	90 130	2 181,526	24 399,125	11,184	10,715
6	3	99 136	66 058,351	991 028,535	15,002	14,533	56	53	89 260	2 019,134	22 217,599	11,004	10,534
7	4	99 111	61 721,416	924 970,185	14,986	14,517	57	54	88 326	1 867,292	20 198,465	10,817	10,347
8	5	99 090	57 671,075	863 248,768	14,968	14,499	58	55	87 343	1 725,718	18 331,173	10,622	10,153
9	6	99 071	53 888,144	805 577,693	14,949	14,480	59	56	86 259	1 592,808	16 605,456	10,425	9,956
10	7	99 055	50 354,391	751 689,548	14,928	14,458	60	57	85 107	1 468,727	15 012,648	10,222	9,752
11	8	99 038	47 052,039	701 335,158	14,906	14,436	61	58	83 858	1 352,484	13 543,920	10,014	9,545
12	9	99 022	43 966,862	654 283,118	14,881	14,412	62	59	82 537	1 244,095	12 191,436	9,799	9,330
13	10	99 005	41 083,620	610 316,257	14,855	14,386	63	60	81 133	1 142,924	10 947,341	9,578	9,109
14	11	98 989	38 389,452	569 232,637	14,828	14,358	64	61	79 629	1 048,361	9 804,417	9,352	8,883
15	12	98 964	35 869,227	530 843,185	14,799	14,330	65	62	78 039	960,204	8 756,057	9,119	8,649
16	13	98 937	33 513,377	494 973,958	14,769	14,300	66	63	76 340	877,857	7 795,853	8,881	8,411
17	14	98 898	31 308,545	461 460,581	14,739	14,270	67	64	74 567	801,370	6 917,996	8,633	8,163
18	15	98 852	29 246,711	430 152,036	14,708	14,238	68	65	72 696	730,150	6 116,626	8,377	7,908
19	16	98 784	27 314,481	400 905,325	14,677	14,208	69	66	70 715	663,793	5 386,476	8,115	7,645
20	17	98 714	25 509,530	373 590,844	14,645	14,176	70	67	68 618	601,968	4 722,683	7,845	7,376
21	18	98 638	23 822,258	348 081,314	14,612	14,142	71	68	66 395	544,361	4 120,715	7,570	7,100
22	19	98 560	22 246,377	324 259,056	14,576	14,106	72	69	64 046	490,752	3 576,353	7,288	6,818
23	20	98 484	20 774,840	302 012,679	14,537	14,068	73	70	61 501	440,420	3 085,602	7,006	6,537
24	21	98 409	19 400,950	281 237,839	14,496	14,027	74	71	58 818	393,652	2 645,182	6,720	6,250
25	22	98 331	18 117,367	261 836,888	14,452	13,983	75	72	55 939	349,888	2 251,530	6,435	5,965
26	23	98 250	16 918,195	243 719,522	14,406	13,936	76	73	52 886	309,150	1 901,643	6,151	5,682
27	24	98 168	15 798,146	226 801,327	14,356	13,887	77	74	49 674	271,379	1 592,492	5,868	5,399
28	25	98 083	14 751,923	211 003,181	14,303	13,834	78	75	46 293	236,363	1 321,114	5,589	5,120
29	26	98 001	13 775,230	196 251,258	14,247	13,777	79	76	42 743	203,962	1 084,751	5,318	4,849
30	27	97 911	12 862,327	182 476,028	14,187	13,717	80	77	39 136	174,531	880,789	5,047	4,577
31	28	97 821	12 009,780	169 613,701	14,123	13,653	81	78	35 422	147,635	706,258	4,784	4,314
32	29	97 723	11 212,861	157 603,921	14,056	13,586	82	79	31 680	123,402	558,623	4,527	4,057
33	30	97 623	10 468,581	146 391,060	13,984	13,514	83	80	27 980	101,858	435,221	4,273	3,803
34	31	97 525	9 773,932	135 922,479	13,907	13,437	84	81	24 350	82,843	333,363	4,024	3,555
35	32	97 415	9 124,160	126 148,546	13,826	13,356	85	82	20 824	66,211	250,520	3,784	3,314
36	33	97 297	8 516,921	117 024,386	13,740	13,271	86	83	17 424	51,778	184,308	3,560	3,090
37	34	97 173	7 949,601	108 507,465	13,649	13,180	87	84	14 245	39,563	132,530	3,350	2,880
38	35	97 038	7 419,184	100 557,864	13,554	13,084	88	85	11 320	29,381	92,968	3,164	2,695
39	36	96 892	6 923,400	93 138,680	13,453	12,983	89	86	8 792	21,328	63,587	2,981	2,512
40	37	96 733	6 459,858	86 215,280	13,346	12,877	90	87	6 637	15,047	42,258	2,808	2,339
41	38	96 550	6 025,844	79 755,422	13,236	12,766	91	88	4 878	10,336	27,211	2,633	2,163
42	39	96 350	5 619,949	73 729,578	13,119	12,650	92	89	3 438	6,807	16,875	2,479	2,009
43	40	96 127	5 240,131	68 109,628	12,998	12,528	93	90	2 315	4,284	10,068	2,350	1,881
44	41	95 874	4 884,417	62 869,497	12,871	12,402	94	91	1 510	2,612	5,784	2,215	1,745
45	42	95 590	4 551,376	57 985,080	12,740	12,271	95	92	933	1,508	3,172	2,104	1,635
46	43	95 269	4 239,355	53 433,704	12,604	12,135	96	93	551	0,832	1,665	2,001	1,532
47	44	94 907	3 946,930	49 194,349	12,464	11,994	97	94	309	0,437	0,833	1,908	1,438
48	45	94 506	3 673,151	45 247,419	12,318	11,849	98	95	165	0,217	0,396	1,823	1,353
49	46	94 045	3 416,102	41 574,267	12,170	11,701	99	96	83	0,103	0,179	1,745	1,276
							100	97	40	0,046	0,076	1,675	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	3 180,182	38 355,721	12,061	11,591
1							51	47	93 134	2 954,846	35 175,539	11,904	11,435
2							52	48	92 526	2 743,511	32 220,692	11,744	11,275
3							53	49	91 869	2 545,817	29 477,181	11,579	11,109
4	0	99 524	75 926,511	1 138 045,006	14,989	14,519	54	50	91 150	2 360,669	26 931,364	11,408	10,939
5	1	99 191	70 722,121	1 062 118,495	15,018	14,549	55	51	90 355	2 186,973	24 570,695	11,235	10,766
6	2	99 152	66 069,002	991 396,374	15,005	14,536	56	52	89 508	2 024,744	22 383,722	11,055	10,586
7	3	99 125	61 730,268	925 327,372	14,990	14,520	57	53	88 595	1 872,984	20 358,978	10,870	10,400
8	4	99 102	57 677,988	863 597,105	14,973	14,503	58	54	87 622	1 731,234	18 485,993	10,678	10,208
9	5	99 080	53 893,020	805 919,117	14,954	14,485	59	55	86 571	1 598,559	16 754,760	10,481	10,012
10	6	99 063	50 358,428	752 026,097	14,933	14,464	60	56	85 432	1 474,319	15 156,201	10,280	9,811
11	7	99 046	47 055,970	701 667,669	14,911	14,442	61	57	84 205	1 358,088	13 681,882	10,074	9,605
12	8	99 028	43 969,593	654 611,698	14,888	14,418	62	58	82 915	1 249,794	12 323,794	9,861	9,391
13	9	99 011	41 086,228	610 642,106	14,862	14,393	63	59	81 522	1 148,411	11 074,000	9,643	9,173
14	10	98 996	38 392,545	569 555,877	14,835	14,366	64	60	80 067	1 054,124	9 925,589	9,416	8,946
15	11	98 972	35 872,076	531 163,332	14,807	14,338	65	61	78 485	965,694	8 871,464	9,187	8,717
16	12	98 945	33 515,946	495 291,257	14,778	14,308	66	62	76 822	883,400	7 905,770	8,949	8,480
17	13	98 908	31 311,625	461 775,311	14,748	14,278	67	63	75 068	806,750	7 022,370	8,705	8,235
18	14	98 864	29 250,332	430 463,685	14,717	14,247	68	64	73 223	735,442	6 215,620	8,452	7,982
19	15	98 797	27 318,185	401 213,354	14,687	14,217	69	65	71 267	668,973	5 480,178	8,192	7,722
20	16	98 730	25 513,632	373 895,169	14,655	14,185	70	66	69 187	606,957	4 811,205	7,927	7,457
21	17	98 655	23 826,440	348 381,537	14,622	14,152	71	67	66 999	549,316	4 204,248	7,654	7,184
22	18	98 582	22 251,237	324 555,096	14,586	14,116	72	68	64 680	495,606	3 654,932	7,375	6,905
23	19	98 505	20 779,308	302 303,859	14,548	14,079	73	69	62 183	445,304	3 159,326	7,095	6,625
24	20	98 430	19 405,045	281 524,551	14,508	14,038	74	70	59 529	398,412	2 714,022	6,812	6,343
25	21	98 352	18 121,283	262 119,506	14,465	13,995	75	71	56 695	354,619	2 315,610	6,530	6,060
26	22	98 273	16 922,083	243 998,223	14,419	13,949	76	72	53 717	314,010	1 960,991	6,245	5,775
27	23	98 190	15 801,740	227 076,139	14,370	13,901	77	73	50 550	276,166	1 646,981	5,964	5,494
28	24	98 105	14 755,278	211 274,399	14,319	13,849	78	74	47 205	241,020	1 370,815	5,688	5,218
29	25	98 022	13 778,300	196 519,121	14,263	13,793	79	75	43 717	208,610	1 129,795	5,416	4,946
30	26	97 937	12 865,764	182 740,821	14,204	13,734	80	76	40 154	179,070	921,185	5,144	4,675
31	27	97 846	12 012,881	169 875,056	14,141	13,672	81	77	36 478	152,037	742,115	4,881	4,412
32	28	97 749	11 215,774	157 862,176	14,075	13,606	82	78	32 770	127,647	590,078	4,623	4,153
33	29	97 650	10 471,486	146 646,402	14,004	13,535	83	79	29 072	105,832	462,431	4,369	3,900
34	30	97 552	9 776,615	136 174,916	13,929	13,459	84	80	25 454	86,599	356,598	4,118	3,648
35	31	97 447	9 127,136	126 398,300	13,849	13,379	85	81	21 908	69,659	269,999	3,876	3,406
36	32	97 331	8 519,872	117 271,165	13,764	13,295	86	82	18 475	54,900	200,340	3,649	3,180
37	33	97 208	7 952,479	108 751,293	13,675	13,206	87	83	15 235	42,311	145,440	3,437	2,968
38	34	97 077	7 422,196	100 798,814	13,581	13,111	88	84	12 224	31,729	103,129	3,250	2,781
39	35	96 933	6 926,352	93 376,618	13,481	13,012	89	85	9 612	23,317	71,400	3,062	2,593
40	36	96 778	6 462,872	86 450,266	13,376	12,907	90	86	7 348	16,657	48,083	2,887	2,417
41	37	96 601	6 029,019	79 987,394	13,267	12,798	91	87	5 510	11,675	31,426	2,692	2,222
42	38	96 407	5 623,265	73 958,375	13,152	12,683	92	88	3 931	7,784	19,751	2,537	2,068
43	39	96 194	5 243,819	68 335,110	13,032	12,562	93	89	2 691	4,980	11,967	2,403	1,934
44	40	95 942	4 887,901	63 091,291	12,908	12,438	94	90	1 773	3,066	6,988	2,279	1,810
45	41	95 670	4 555,161	58 203,390	12,777	12,308	95	91	1 128	1,823	3,922	2,151	1,681
46	42	95 360	4 243,369	53 648,229	12,643	12,173	96	92	679	1,026	2,098	2,046	1,576
47	43	95 007	3 951,101	49 404,860	12,504	12,035	97	93	390	0,550	1,073	1,949	1,479
48	44	94 613	3 677,310	45 453,759	12,361	11,891	98	94	213	0,281	0,522	1,860	1,390
49	45	94 172	3 420,729	41 776,449	12,213	11,743	99	95	110	0,136	0,241	1,779	1,310
							100	96	54	0,062	0,106	1,706	1,236

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	3 184,489	38 537,255	12,102	11,632
1							51	46	93 279	2 959,436	35 352,766	11,946	11,476
2							52	47	92 687	2 748,281	32 393,329	11,787	11,317
3							53	48	92 039	2 550,543	29 645,049	11,623	11,154
4							54	49	91 342	2 365,618	27 094,506	11,453	10,984
5	0	99 510	70 949,131	1 062 700,522	14,978	14,509	55	50	90 566	2 192,095	24 728,888	11,281	10,811
6	1	99 180	66 087,793	991 751,391	15,007	14,537	56	51	89 731	2 029,800	22 536,793	11,103	10,633
7	2	99 141	61 740,221	925 663,598	14,993	14,523	57	52	88 841	1 878,188	20 506,993	10,918	10,449
8	3	99 116	57 686,259	863 923,377	14,976	14,507	58	53	87 889	1 736,511	18 628,805	10,728	10,258
9	4	99 092	53 899,479	806 237,118	14,958	14,489	59	54	86 848	1 603,668	16 892,293	10,534	10,064
10	5	99 072	50 362,984	752 337,638	14,938	14,469	60	55	85 740	1 479,642	15 288,625	10,333	9,863
11	6	99 054	47 059,744	701 974,654	14,917	14,447	61	56	84 526	1 363,259	13 808,983	10,129	9,660
12	7	99 036	43 973,266	654 914,911	14,893	14,424	62	57	83 258	1 254,972	12 445,724	9,917	9,448
13	8	99 018	41 088,780	610 941,644	14,869	14,399	63	58	81 896	1 153,672	11 190,752	9,700	9,231
14	9	99 003	38 394,982	569 852,864	14,842	14,372	64	59	80 451	1 059,186	10 037,080	9,476	9,007
15	10	98 980	35 874,966	531 457,882	14,814	14,345	65	60	78 916	971,004	8 977,895	9,246	8,776
16	11	98 952	33 518,608	495 582,916	14,785	14,316	66	61	77 261	888,451	8 006,891	9,012	8,543
17	12	98 915	31 314,026	462 064,308	14,756	14,286	67	62	75 542	811,844	7 118,440	8,768	8,299
18	13	98 874	29 253,210	430 750,282	14,725	14,255	68	63	73 714	740,379	6 306,596	8,518	8,049
19	14	98 809	27 321,567	401 497,073	14,695	14,226	69	64	71 784	673,822	5 566,217	8,261	7,791
20	15	98 743	25 517,091	374 175,506	14,664	14,194	70	65	69 727	611,693	4 892,395	7,998	7,529
21	16	98 671	23 830,271	348 658,414	14,631	14,161	71	66	67 555	553,869	4 280,702	7,729	7,259
22	17	98 599	22 255,144	324 828,143	14,596	14,126	72	67	65 268	500,117	3 726,833	7,452	6,982
23	18	98 526	20 783,848	302 572,999	14,558	14,089	73	68	62 798	449,709	3 226,716	7,175	6,706
24	19	98 451	19 409,219	281 789,151	14,518	14,049	74	69	60 190	402,830	2 777,008	6,894	6,424
25	20	98 373	18 125,108	262 379,932	14,476	14,007	75	70	57 381	358,908	2 374,177	6,615	6,145
26	21	98 294	16 925,742	244 254,824	14,431	13,961	76	71	54 443	318,256	2 015,270	6,332	5,863
27	22	98 212	15 805,372	227 329,083	14,383	13,914	77	72	51 345	280,507	1 697,014	6,050	5,580
28	23	98 128	14 758,635	211 523,710	14,332	13,863	78	73	48 038	245,272	1 416,507	5,775	5,306
29	24	98 045	13 781,434	196 765,076	14,278	13,808	79	74	44 579	212,721	1 171,235	5,506	5,036
30	25	97 959	12 868,632	182 983,642	14,219	13,750	80	75	41 069	183,151	958,514	5,233	4,764
31	26	97 872	12 016,091	170 115,010	14,157	13,688	81	76	37 427	155,991	775,363	4,971	4,501
32	27	97 774	11 218,670	158 098,919	14,092	13,623	82	77	33 747	131,453	619,372	4,712	4,242
33	28	97 676	10 474,206	146 880,249	14,023	13,554	83	78	30 072	109,473	487,919	4,457	3,987
34	29	97 579	9 779,328	136 406,043	13,948	13,479	84	79	26 447	89,978	378,445	4,206	3,736
35	30	97 473	9 129,641	126 626,715	13,870	13,400	85	80	22 901	72,818	288,467	3,962	3,492
36	31	97 362	8 522,651	117 497,074	13,786	13,317	86	81	19 437	57,759	215,650	3,734	3,264
37	32	97 242	7 955,234	108 974,423	13,698	13,229	87	82	16 154	44,862	157,891	3,519	3,050
38	33	97 112	7 424,882	101 019,189	13,605	13,136	88	83	13 074	33,933	113,029	3,331	2,861
39	34	96 972	6 929,164	93 594,307	13,507	13,038	89	84	10 380	25,180	79,096	3,141	2,672
40	35	96 819	6 465,627	86 665,143	13,404	12,934	90	85	8 033	18,210	53,916	2,961	2,491
41	36	96 646	6 031,832	80 199,516	13,296	12,827	91	86	6 100	12,924	35,705	2,763	2,293
42	37	96 457	5 626,228	74 167,684	13,182	12,713	92	87	4 440	8,792	22,782	2,591	2,122
43	38	96 251	5 246,913	68 541,456	13,063	12,594	93	88	3 077	5,694	13,990	2,457	1,987
44	39	96 009	4 891,341	63 294,543	12,940	12,471	94	89	2 061	3,564	8,295	2,327	1,858
45	40	95 738	4 558,410	58 403,202	12,812	12,343	95	90	1 324	2,141	4,731	2,210	1,741
46	41	95 439	4 246,898	53 844,792	12,679	12,209	96	91	821	1,240	2,591	2,089	1,619
47	42	95 097	3 954,842	49 597,894	12,541	12,072	97	92	481	0,679	1,350	1,990	1,520
48	43	94 713	3 681,195	45 643,052	12,399	11,929	98	93	268	0,354	0,672	1,897	1,428
49	44	94 279	3 424,601	41 961,857	12,253	11,784	99	94	142	0,175	0,318	1,814	1,344
							100	95	71	0,082	0,143	1,737	1,268



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	3 188,095	38 703,635	12,140	11,671
1							51	45	93 405	2 963,445	35 515,540	11,985	11,515
2							52	46	92 831	2 752,549	32 552,095	11,826	11,357
3							53	47	92 199	2 554,977	29 799,546	11,663	11,194
4							54	48	91 511	2 370,009	27 244,569	11,496	11,026
5							55	49	90 756	2 196,690	24 874,559	11,324	10,854
6	0	99 498	66 299,927	992 288,300	14,967	14,497	56	50	89 942	2 034,554	22 677,869	11,146	10,677
7	1	99 170	61 757,781	925 988,373	14,994	14,524	57	51	89 063	1 882,878	20 643,315	10,964	10,494
8	2	99 132	57 695,561	864 230,592	14,979	14,510	58	52	88 134	1 741,336	18 760,437	10,774	10,304
9	3	99 106	53 907,209	806 535,031	14,962	14,492	59	53	87 112	1 608,557	17 019,101	10,580	10,111
10	4	99 083	50 369,021	752 627,822	14,942	14,473	60	54	86 014	1 484,372	15 410,543	10,382	9,912
11	5	99 063	47 064,001	702 258,801	14,921	14,452	61	55	84 831	1 368,181	13 926,172	10,179	9,709
12	6	99 044	43 976,792	655 194,801	14,899	14,429	62	56	83 575	1 259,750	12 557,991	9,969	9,499
13	7	99 026	41 092,213	611 218,008	14,874	14,405	63	57	82 235	1 158,452	11 298,241	9,753	9,283
14	8	99 009	38 397,367	570 125,795	14,848	14,379	64	58	80 820	1 064,037	10 139,789	9,530	9,060
15	9	98 986	35 877,243	531 728,428	14,821	14,351	65	59	79 295	975,666	9 075,752	9,302	8,833
16	10	98 960	33 521,308	495 851,184	14,792	14,323	66	60	77 686	893,336	8 100,086	9,067	8,598
17	11	98 923	31 316,513	462 329,876	14,763	14,294	67	61	75 973	816,486	7 206,751	8,827	8,357
18	12	98 881	29 255,452	431 013,363	14,733	14,263	68	62	74 180	745,055	6 390,264	8,577	8,107
19	13	98 819	27 324,255	401 757,911	14,703	14,234	69	63	72 266	678,345	5 645,210	8,322	7,853
20	14	98 755	25 520,251	374 433,656	14,672	14,203	70	64	70 232	616,127	4 966,865	8,061	7,592
21	15	98 684	23 833,502	348 913,405	14,640	14,170	71	65	68 082	558,190	4 350,738	7,794	7,325
22	16	98 615	22 258,722	325 079,903	14,605	14,135	72	66	65 809	504,262	3 792,548	7,521	7,051
23	17	98 544	20 787,497	302 821,181	14,567	14,098	73	67	63 370	453,802	3 288,286	7,246	6,777
24	18	98 472	19 413,459	282 033,683	14,528	14,058	74	68	60 785	406,815	2 834,484	6,968	6,498
25	19	98 394	18 129,006	262 620,224	14,486	14,017	75	69	58 017	362,888	2 427,669	6,690	6,220
26	20	98 314	16 929,314	244 491,218	14,442	13,972	76	70	55 102	322,105	2 064,781	6,410	5,941
27	21	98 234	15 808,790	227 561,904	14,395	13,925	77	71	52 039	284,300	1 742,677	6,130	5,660
28	22	98 150	14 762,027	211 753,115	14,344	13,875	78	72	48 793	249,127	1 458,376	5,854	5,384
29	23	98 067	13 784,569	196 991,088	14,291	13,821	79	73	45 365	216,473	1 209,249	5,586	5,117
30	24	97 982	12 871,558	183 206,519	14,233	13,764	80	74	41 878	186,760	992,776	5,316	4,846
31	25	97 894	12 018,769	170 334,960	14,172	13,703	81	75	38 280	159,546	806,016	5,052	4,582
32	26	97 800	11 221,668	158 316,191	14,108	13,639	82	76	34 625	134,872	646,470	4,793	4,324
33	27	97 701	10 476,911	147 094,523	14,040	13,570	83	77	30 969	112,738	511,598	4,538	4,068
34	28	97 605	9 781,869	136 617,613	13,966	13,497	84	78	27 357	93,073	398,860	4,285	3,816
35	29	97 500	9 132,174	126 835,744	13,889	13,419	85	79	23 795	75,659	305,787	4,042	3,572
36	30	97 389	8 524,990	117 703,570	13,807	13,337	86	80	20 318	60,378	230,128	3,811	3,342
37	31	97 273	7 957,828	109 178,579	13,720	13,250	87	81	16 995	47,199	169,751	3,597	3,127
38	32	97 146	7 427,455	101 220,751	13,628	13,158	88	82	13 862	35,979	122,552	3,406	2,937
39	33	97 007	6 931,671	93 793,296	13,531	13,062	89	83	11 101	26,929	86,573	3,215	2,745
40	34	96 859	6 468,252	86 861,625	13,429	12,959	90	84	8 674	19,665	59,644	3,033	2,563
41	35	96 687	6 034,404	80 393,373	13,323	12,853	91	85	6 669	14,129	39,979	2,830	2,360
42	36	96 502	5 628,853	74 358,969	13,210	12,741	92	86	4 915	9,733	25,850	2,656	2,186
43	37	96 302	5 249,678	68 730,116	13,092	12,623	93	87	3 476	6,432	16,117	2,506	2,036
44	38	96 066	4 894,226	63 480,439	12,970	12,501	94	88	2 356	4,075	9,685	2,377	1,907
45	39	95 805	4 561,618	58 586,212	12,843	12,374	95	89	1 540	2,488	5,610	2,254	1,785
46	40	95 507	4 249,927	54 024,594	12,712	12,242	96	90	964	1,456	3,122	2,144	1,674
47	41	95 176	3 958,131	49 774,666	12,575	12,106	97	91	581	0,821	1,665	2,029	1,559
48	42	94 803	3 684,681	45 816,535	12,434	11,965	98	92	331	0,436	0,845	1,935	1,466
49	43	94 379	3 428,220	42 131,855	12,290	11,820	99	93	179	0,221	0,408	1,848	1,379
							100	94	92	0,106	0,187	1,769	1,299

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	3 191,463	38 856,120	12,175	11,706
1							51	44	93 511	2 966,799	35 664,656	12,021	11,552
2							52	45	92 956	2 756,278	32 697,857	11,863	11,394
3							53	46	92 342	2 558,946	29 941,579	11,701	11,231
4							54	47	91 670	2 374,129	27 382,633	11,534	11,064
5							55	48	90 925	2 200,768	25 008,504	11,364	10,894
6							56	49	90 130	2 038,819	22 807,736	11,187	10,717
7	0	99 488	61 956,016	926 483,637	14,954	14,484	57	50	89 272	1 887,288	20 768,917	11,005	10,535
8	1	99 160	57 711,970	864 527,620	14,980	14,511	58	51	88 354	1 745,684	18 881,629	10,816	10,347
9	2	99 122	53 915,901	806 815,650	14,964	14,495	59	52	87 354	1 613,027	17 135,944	10,623	10,154
10	3	99 098	50 376,244	752 899,749	14,946	14,476	60	53	86 276	1 488,897	15 522,918	10,426	9,956
11	4	99 075	47 069,642	702 523,505	14,925	14,456	61	54	85 102	1 372,554	14 034,021	10,225	9,755
12	5	99 053	43 980,771	655 453,863	14,903	14,434	62	55	83 877	1 264,299	12 661,467	10,015	9,545
13	6	99 034	41 095,508	611 473,092	14,879	14,410	63	56	82 548	1 162,862	11 397,169	9,801	9,331
14	7	99 017	38 400,575	570 377,584	14,853	14,384	64	57	81 155	1 068,446	10 234,306	9,579	9,109
15	8	98 993	35 879,472	531 977,009	14,827	14,357	65	58	79 658	980,135	9 165,860	9,352	8,882
16	9	98 967	33 523,437	496 097,537	14,799	14,329	66	59	78 059	897,625	8 185,726	9,119	8,650
17	10	98 931	31 319,036	462 574,100	14,770	14,300	67	60	76 391	820,975	7 288,101	8,877	8,408
18	11	98 889	29 257,776	431 255,064	14,740	14,270	68	61	74 604	749,315	6 467,126	8,631	8,161
19	12	98 826	27 326,349	401 997,288	14,711	14,241	69	62	72 722	682,628	5 717,811	8,376	7,907
20	13	98 765	25 522,761	374 670,939	14,680	14,210	70	63	70 703	620,263	5 035,182	8,118	7,648
21	14	98 696	23 836,453	349 148,177	14,648	14,178	71	64	68 575	562,236	4 414,920	7,852	7,383
22	15	98 628	22 261,740	325 311,724	14,613	14,144	72	65	66 323	508,197	3 852,683	7,581	7,112
23	16	98 560	20 790,840	303 049,984	14,576	14,107	73	66	63 895	457,563	3 344,487	7,309	6,840
24	17	98 489	19 416,868	282 259,144	14,537	14,067	74	67	61 338	410,518	2 886,924	7,032	6,563
25	18	98 415	18 132,967	262 842,277	14,495	14,026	75	68	58 591	366,477	2 476,606	6,757	6,288
26	19	98 336	16 932,955	244 709,309	14,452	13,982	76	69	55 713	325,677	2 109,929	6,479	6,009
27	20	98 254	15 812,126	227 776,354	14,405	13,936	77	70	52 668	287,738	1 784,252	6,201	5,731
28	21	98 172	14 765,218	211 964,229	14,356	13,886	78	71	49 453	252,496	1 496,514	5,927	5,457
29	22	98 090	13 787,737	197 199,010	14,302	13,833	79	72	46 078	219,876	1 244,018	5,658	5,188
30	23	98 004	12 874,487	183 411,273	14,246	13,777	80	73	42 617	190,055	1 024,142	5,389	4,919
31	24	97 916	12 021,503	170 536,786	14,186	13,716	81	74	39 034	162,690	834,087	5,127	4,657
32	25	97 822	11 224,169	158 515,284	14,123	13,653	82	75	35 414	137,946	671,397	4,867	4,398
33	26	97 727	10 479,710	147 291,115	14,055	13,585	83	76	31 774	115,670	533,452	4,612	4,142
34	27	97 630	9 784,394	136 811,404	13,983	13,513	84	77	28 172	95,848	417,782	4,359	3,889
35	28	97 526	9 134,547	127 027,010	13,906	13,437	85	78	24 613	78,262	321,934	4,114	3,644
36	29	97 416	8 527,355	117 892,463	13,825	13,356	86	79	21 111	62,733	243,672	3,884	3,415
37	30	97 300	7 960,013	109 365,108	13,739	13,270	87	80	17 765	49,339	180,939	3,667	3,198
38	31	97 177	7 429,877	101 405,095	13,648	13,179	88	81	14 584	37,852	131,600	3,477	3,007
39	32	97 041	6 934,073	93 975,218	13,553	13,083	89	82	11 771	28,553	93,748	3,283	2,814
40	33	96 894	6 470,593	87 041,145	13,452	12,982	90	83	9 277	21,032	65,195	3,100	2,630
41	34	96 727	6 036,854	80 570,552	13,346	12,877	91	84	7 201	15,258	44,163	2,894	2,425
42	35	96 544	5 631,253	74 533,698	13,236	12,766	92	85	5 373	10,640	28,906	2,717	2,247
43	36	96 347	5 252,127	68 902,445	13,119	12,649	93	86	3 847	7,120	18,266	2,565	2,096
44	37	96 117	4 896,806	63 650,319	12,998	12,529	94	87	2 662	4,603	11,146	2,421	1,952
45	38	95 862	4 564,309	58 753,513	12,872	12,403	95	88	1 760	2,845	6,542	2,299	1,830
46	39	95 574	4 252,918	54 189,204	12,742	12,272	96	89	1 121	1,693	3,697	2,184	1,715
47	40	95 244	3 960,954	49 936,285	12,607	12,138	97	90	683	0,964	2,004	2,080	1,610
48	41	94 882	3 687,745	45 975,331	12,467	11,998	98	91	400	0,528	1,041	1,971	1,502
49	42	94 468	3 431,466	42 287,586	12,323	11,854	99	92	221	0,272	0,513	1,883	1,414
							100	93	116	0,134	0,240	1,801	1,331

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	3 194,485	38 995,759	12,207	11,738
1							51	43	93 609	2 969,934	35 801,274	12,055	11,585
2							52	44	93 062	2 759,398	32 831,339	11,898	11,428
3							53	45	92 468	2 562,412	30 071,941	11,736	11,266
4							54	46	91 813	2 377,817	27 509,529	11,569	11,100
5							55	47	91 083	2 204,594	25 131,712	11,400	10,930
6							56	48	90 297	2 042,604	22 927,118	11,224	10,755
7							57	49	89 459	1 891,245	20 884,514	11,043	10,573
8	0	99 478	57 897,219	864 984,463	14,940	14,470	58	50	88 561	1 749,773	18 993,270	10,855	10,385
9	1	99 150	53 931,235	807 087,244	14,965	14,496	59	51	87 572	1 617,054	17 243,497	10,664	10,194
10	2	99 114	50 384,367	753 156,009	14,948	14,479	60	52	86 516	1 493,034	15 626,443	10,466	9,997
11	3	99 089	47 076,392	702 771,642	14,928	14,459	61	53	85 361	1 376,738	14 133,409	10,266	9,796
12	4	99 065	43 986,042	655 695,250	14,907	14,437	62	54	84 145	1 268,340	12 756,671	10,058	9,588
13	5	99 043	41 099,226	611 709,207	14,884	14,414	63	55	82 846	1 167,061	11 488,331	9,844	9,374
14	6	99 025	38 403,655	570 609,981	14,858	14,389	64	56	81 464	1 072,514	10 321,270	9,623	9,154
15	7	99 001	35 882,470	532 206,327	14,832	14,362	65	57	79 988	984,196	9 248,757	9,397	8,928
16	8	98 973	33 525,519	496 323,857	14,804	14,335	66	58	78 417	901,736	8 264,561	9,165	8,696
17	9	98 937	31 321,024	462 798,338	14,776	14,306	67	59	76 758	824,917	7 362,824	8,926	8,456
18	10	98 897	29 260,133	431 477,314	14,746	14,277	68	60	75 014	753,434	6 537,907	8,677	8,208
19	11	98 834	27 328,520	402 217,181	14,718	14,248	69	61	73 138	686,532	5 784,473	8,426	7,956
20	12	98 773	25 524,718	374 888,661	14,687	14,218	70	62	71 150	624,179	5 097,941	8,167	7,698
21	13	98 706	23 838,798	349 363,943	14,655	14,186	71	63	69 036	566,011	4 473,762	7,904	7,435
22	14	98 641	22 264,496	325 525,145	14,621	14,151	72	64	66 804	511,880	3 907,751	7,634	7,165
23	15	98 573	20 793,659	303 260,648	14,584	14,115	73	65	64 394	461,133	3 395,871	7,364	6,895
24	16	98 505	19 419,990	282 466,990	14,545	14,076	74	66	61 847	413,920	2 934,738	7,090	6,621
25	17	98 433	18 136,151	263 047,000	14,504	14,035	75	67	59 124	369,813	2 520,818	6,816	6,347
26	18	98 357	16 936,655	244 910,849	14,460	13,991	76	68	56 264	328,898	2 151,005	6,540	6,071
27	19	98 276	15 815,527	227 974,194	14,415	13,945	77	69	53 252	290,929	1 822,107	6,263	5,794
28	20	98 192	14 768,334	212 158,667	14,366	13,896	78	70	50 051	255,550	1 531,178	5,992	5,522
29	21	98 111	13 790,718	197 390,333	14,313	13,844	79	71	46 701	222,849	1 275,628	5,724	5,255
30	22	98 026	12 877,446	183 599,615	14,257	13,788	80	72	43 287	193,042	1 052,779	5,454	4,984
31	23	97 939	12 024,238	170 722,169	14,198	13,729	81	73	39 723	165,560	859,737	5,193	4,723
32	24	97 844	11 226,721	158 697,932	14,136	13,666	82	74	36 112	140,664	694,177	4,935	4,465
33	25	97 749	10 482,046	147 471,210	14,069	13,599	83	75	32 498	118,306	553,513	4,679	4,209
34	26	97 656	9 787,009	136 989,164	13,997	13,528	84	76	28 905	98,341	435,207	4,425	3,956
35	27	97 551	9 136,905	127 202,155	13,922	13,452	85	77	25 347	80,595	336,866	4,180	3,710
36	28	97 441	8 529,571	118 065,250	13,842	13,372	86	78	21 837	64,891	256,271	3,949	3,480
37	29	97 327	7 962,221	109 535,679	13,757	13,287	87	79	18 459	51,264	191,380	3,733	3,264
38	30	97 204	7 431,917	101 573,458	13,667	13,198	88	80	15 245	39,569	140,116	3,541	3,072
39	31	97 073	6 936,334	94 141,541	13,572	13,103	89	81	12 384	30,040	100,548	3,347	2,878
40	32	96 927	6 472,835	87 205,206	13,472	13,003	90	82	9 836	22,300	70,508	3,162	2,692
41	33	96 762	6 039,039	80 732,371	13,368	12,899	91	83	7 702	16,318	48,208	2,954	2,485
42	34	96 583	5 633,539	74 693,333	13,259	12,789	92	84	5 803	11,490	31,890	2,775	2,306
43	35	96 388	5 254,366	69 059,794	13,143	12,674	93	85	4 206	7,784	20,400	2,621	2,151
44	36	96 162	4 899,090	63 805,428	13,024	12,554	94	86	2 946	5,096	12,616	2,476	2,006
45	37	95 912	4 566,715	58 906,338	12,899	12,430	95	87	1 988	3,214	7,521	2,340	1,870
46	38	95 631	4 255,427	54 339,623	12,769	12,300	96	88	1 281	1,936	4,307	2,225	1,755
47	39	95 311	3 963,742	50 084,196	12,636	12,166	97	89	793	1,120	2,371	2,117	1,647
48	40	94 949	3 690,376	46 120,454	12,497	12,028	98	90	470	0,620	1,251	2,018	1,549
49	41	94 547	3 434,320	42 430,079	12,355	11,885	99	91	267	0,329	0,631	1,916	1,447
							100	92	143	0,165	0,302	1,833	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	3 197,142	39 123,490	12,237	11,768
1							51	42	93 698	2 972,746	35 926,348	12,085	11,616
2							52	43	93 160	2 762,314	32 953,601	11,930	11,460
3							53	44	92 572	2 565,313	30 191,287	11,769	11,300
4							54	45	91 937	2 381,038	27 625,975	11,602	11,133
5							55	46	91 224	2 208,019	25 244,937	11,433	10,964
6							56	47	90 454	2 046,155	23 036,918	11,259	10,789
7							57	48	89 625	1 894,755	20 990,763	11,078	10,609
8							58	49	88 746	1 753,441	19 096,008	10,891	10,421
9	0	99 469	54 104,348	807 508,653	14,925	14,456	59	50	87 778	1 620,841	17 342,567	10,700	10,230
10	1	99 142	50 398,697	753 404,304	14,949	14,479	60	51	86 732	1 496,762	15 721,726	10,504	10,034
11	2	99 105	47 083,983	703 005,607	14,931	14,461	61	52	85 599	1 380,563	14 224,964	10,304	9,834
12	3	99 079	43 992,350	655 921,625	14,910	14,440	62	53	84 402	1 272,206	12 844,401	10,096	9,627
13	4	99 055	41 104,152	611 929,274	14,887	14,418	63	54	83 111	1 170,791	11 572,195	9,884	9,415
14	5	99 034	38 407,129	570 825,122	14,862	14,393	64	55	81 758	1 076,386	10 401,403	9,663	9,194
15	6	99 009	35 885,347	532 417,993	14,837	14,367	65	56	80 293	987,943	9 325,017	9,439	8,969
16	7	98 981	33 528,320	496 532,646	14,809	14,340	66	57	78 742	905,473	8 337,074	9,207	8,738
17	8	98 943	31 322,970	463 004,326	14,782	14,312	67	58	77 110	828,696	7 431,602	8,968	8,498
18	9	98 904	29 261,991	431 681,356	14,752	14,283	68	59	75 374	757,052	6 602,906	8,722	8,252
19	10	98 842	27 330,722	402 419,366	14,724	14,255	69	60	73 540	690,306	5 845,854	8,468	7,999
20	11	98 780	25 526,745	375 088,644	14,694	14,224	70	61	71 557	627,748	5 155,548	8,213	7,743
21	12	98 714	23 840,626	349 561,899	14,662	14,193	71	62	69 471	569,585	4 527,799	7,949	7,480
22	13	98 650	22 266,687	325 721,273	14,628	14,159	72	63	67 252	515,316	3 958,215	7,681	7,212
23	14	98 585	20 796,233	303 454,586	14,592	14,122	73	64	64 860	464,475	3 442,898	7,412	6,943
24	15	98 519	19 422,623	282 658,353	14,553	14,084	74	65	62 329	417,150	2 978,423	7,140	6,670
25	16	98 449	18 139,067	263 235,730	14,512	14,043	75	66	59 614	372,878	2 561,273	6,869	6,399
26	17	98 374	16 939,628	245 096,664	14,469	13,999	76	67	56 776	331,892	2 188,395	6,594	6,124
27	18	98 297	15 818,982	228 157,035	14,423	13,953	77	68	53 779	293,807	1 856,503	6,319	5,849
28	19	98 213	14 771,511	212 338,053	14,375	13,905	78	69	50 606	258,384	1 562,696	6,048	5,578
29	20	98 131	13 793,629	197 566,542	14,323	13,854	79	70	47 266	225,544	1 304,313	5,783	5,313
30	21	98 048	12 880,230	183 772,914	14,268	13,798	80	71	43 872	195,653	1 078,769	5,514	5,044
31	22	97 961	12 027,001	170 892,684	14,209	13,740	81	72	40 347	168,162	883,116	5,252	4,782
32	23	97 866	11 229,276	158 865,682	14,147	13,678	82	73	36 749	143,145	714,954	4,995	4,525
33	24	97 771	10 484,430	147 636,407	14,081	13,612	83	74	33 139	120,637	571,808	4,740	4,270
34	25	97 678	9 789,190	137 151,977	14,011	13,541	84	75	29 564	100,582	451,172	4,486	4,016
35	26	97 577	9 139,347	127 362,787	13,936	13,466	85	76	26 006	82,691	350,589	4,240	3,770
36	27	97 466	8 531,773	118 223,440	13,857	13,387	86	77	22 488	66,826	267,898	4,009	3,539
37	28	97 352	7 964,290	109 691,666	13,773	13,303	87	78	19 094	53,027	201,072	3,792	3,322
38	29	97 231	7 433,979	101 727,377	13,684	13,215	88	79	15 840	41,112	148,045	3,601	3,131
39	30	97 099	6 938,239	94 293,398	13,590	13,121	89	80	12 945	31,402	106,932	3,405	2,936
40	31	96 959	6 474,946	87 355,159	13,491	13,022	90	81	10 349	23,461	75,531	3,219	2,750
41	32	96 795	6 041,131	80 880,213	13,388	12,919	91	82	8 166	17,302	52,070	3,010	2,540
42	33	96 618	5 635,578	74 839,083	13,280	12,810	92	83	6 206	12,288	34,768	2,829	2,360
43	34	96 427	5 256,499	69 203,505	13,165	12,696	93	84	4 542	8,406	22,480	2,674	2,205
44	35	96 203	4 901,179	63 947,006	13,047	12,578	94	85	3 221	5,571	14,074	2,526	2,057
45	36	95 957	4 568,845	59 045,827	12,924	12,454	95	86	2 201	3,558	8,503	2,390	1,920
46	37	95 681	4 257,670	54 476,982	12,795	12,326	96	87	1 447	2,186	4,945	2,262	1,792
47	38	95 367	3 966,080	50 219,312	12,662	12,193	97	88	907	1,281	2,759	2,154	1,684
48	39	95 016	3 692,973	46 253,232	12,525	12,055	98	89	546	0,720	1,478	2,052	1,582
49	40	94 614	3 436,769	42 560,259	12,384	11,914	99	90	314	0,387	0,758	1,960	1,490
							100	91	173	0,199	0,371	1,864	1,394

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	3 199,423	39 240,152	12,265	11,795
1							51	41	93 776	2 975,219	36 040,729	12,114	11,644
2							52	42	93 248	2 764,929	33 065,511	11,959	11,489
3							53	43	92 670	2 568,023	30 300,582	11,799	11,330
4							54	44	92 041	2 383,733	27 732,558	11,634	11,165
5							55	45	91 348	2 211,009	25 348,825	11,465	10,995
6							56	46	90 595	2 049,333	23 137,816	11,290	10,821
7							57	47	89 781	1 898,049	21 088,482	11,111	10,641
8							58	48	88 911	1 756,696	19 190,433	10,924	10,455
9							59	49	87 962	1 624,239	17 433,377	10,733	10,264
10	0	99 460	50 560,471	753 793,045	14,909	14,439	60	50	86 935	1 500,267	15 809,498	10,538	10,068
11	1	99 133	47 097,374	703 232,574	14,931	14,462	61	51	85 812	1 384,011	14 309,231	10,339	9,869
12	2	99 095	43 999,444	656 135,200	14,912	14,443	62	52	84 636	1 275,741	12 925,220	10,132	9,662
13	3	99 069	41 110,047	612 135,756	14,890	14,421	63	53	83 364	1 174,360	11 649,479	9,920	9,450
14	4	99 046	38 411,732	571 025,709	14,866	14,396	64	54	82 019	1 079,827	10 475,119	9,701	9,231
15	5	99 018	35 888,593	532 613,977	14,841	14,371	65	55	80 583	991,510	9 395,292	9,476	9,006
16	6	98 989	33 531,009	496 725,384	14,814	14,344	66	56	79 041	908,920	8 403,782	9,246	8,776
17	7	98 952	31 325,587	463 194,375	14,786	14,317	67	57	77 429	832,129	7 494,862	9,007	8,537
18	8	98 910	29 263,808	431 868,788	14,758	14,288	68	58	75 719	760,520	6 662,733	8,761	8,291
19	9	98 849	27 332,457	402 604,980	14,730	14,260	69	59	73 893	693,621	5 902,213	8,509	8,040
20	10	98 788	25 528,802	375 272,523	14,700	14,230	70	60	71 950	631,200	5 208,593	8,252	7,782
21	11	98 721	23 842,519	349 743,721	14,669	14,199	71	61	69 869	572,842	4 577,737	7,991	7,521
22	12	98 658	22 268,394	325 901,202	14,635	14,166	72	62	67 677	518,570	4 004,551	7,722	7,253
23	13	98 595	20 798,279	303 632,808	14,599	14,129	73	63	65 296	467,594	3 485,981	7,455	6,986
24	14	98 531	19 425,027	282 834,529	14,560	14,091	74	64	62 781	420,173	3 018,387	7,184	6,714
25	15	98 462	18 141,526	263 409,502	14,520	14,050	75	65	60 079	375,787	2 598,214	6,914	6,445
26	16	98 390	16 942,352	245 267,976	14,477	14,007	76	66	57 246	334,643	2 222,427	6,641	6,172
27	17	98 314	15 821,760	228 325,624	14,431	13,962	77	67	54 269	296,481	1 887,784	6,367	5,898
28	18	98 235	14 774,738	212 503,864	14,383	13,913	78	68	51 106	260,940	1 591,303	6,098	5,629
29	19	98 153	13 796,596	197 729,126	14,332	13,862	79	69	47 790	228,045	1 330,363	5,834	5,364
30	20	98 068	12 882,948	183 932,530	14,277	13,808	80	70	44 403	198,019	1 102,318	5,567	5,097
31	21	97 982	12 029,601	171 049,582	14,219	13,750	81	71	40 893	170,436	904,300	5,306	4,836
32	22	97 889	11 231,857	159 019,981	14,158	13,688	82	72	37 327	145,395	733,863	5,047	4,578
33	23	97 793	10 486,815	147 788,124	14,093	13,623	83	73	33 723	122,765	588,468	4,793	4,324
34	24	97 700	9 791,416	137 301,309	14,023	13,553	84	74	30 146	102,564	465,703	4,541	4,071
35	25	97 599	9 141,384	127 509,893	13,949	13,479	85	75	26 599	84,576	363,139	4,294	3,824
36	26	97 493	8 534,053	118 368,509	13,870	13,401	86	76	23 073	68,564	278,563	4,063	3,593
37	27	97 378	7 966,346	109 834,455	13,787	13,318	87	77	19 663	54,608	209,999	3,846	3,376
38	28	97 256	7 435,910	101 868,109	13,699	13,230	88	78	16 385	42,527	155,391	3,654	3,184
39	29	97 126	6 940,164	94 432,199	13,607	13,137	89	79	13 450	32,627	112,864	3,459	2,990
40	30	96 985	6 476,723	87 492,036	13,509	13,039	90	80	10 818	24,525	80,237	3,272	2,802
41	31	96 827	6 043,101	81 015,312	13,406	12,937	91	81	8 591	18,203	55,712	3,061	2,591
42	32	96 651	5 637,530	74 972,211	13,299	12,829	92	82	6 580	13,029	37,510	2,879	2,409
43	33	96 462	5 258,402	69 334,681	13,186	12,716	93	83	4 858	8,990	24,480	2,723	2,254
44	34	96 242	4 903,169	64 076,279	13,068	12,599	94	84	3 478	6,016	15,491	2,575	2,105
45	35	95 998	4 570,793	59 173,111	12,946	12,476	95	85	2 406	3,890	9,475	2,436	1,966
46	36	95 726	4 259,656	54 602,318	12,818	12,349	96	86	1 602	2,420	5,585	2,308	1,838
47	37	95 417	3 968,170	50 342,662	12,687	12,217	97	87	1 025	1,447	3,165	2,187	1,718
48	38	95 072	3 695,151	46 374,491	12,550	12,081	98	88	624	0,824	1,718	2,086	1,616
49	39	94 681	3 439,188	42 679,340	12,410	11,940	99	89	364	0,449	0,894	1,990	1,521
							100	90	203	0,234	0,445	1,904	1,434

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	3 201,674	39 346,852	12,289	11,820
1							51	40	93 843	2 977,341	36 145,178	12,140	11,671
2							52	41	93 326	2 767,229	33 167,837	11,986	11,516
3							53	42	92 758	2 570,455	30 400,608	11,827	11,357
4							54	43	92 138	2 386,252	27 830,153	11,663	11,193
5							55	44	91 451	2 213,512	25 443,901	11,495	11,025
6							56	45	90 718	2 052,109	23 230,389	11,320	10,851
7							57	46	89 920	1 900,998	21 178,280	11,141	10,671
8							58	47	89 066	1 759,750	19 277,283	10,955	10,485
9							59	48	88 125	1 627,255	17 517,533	10,765	10,296
10							60	49	87 117	1 503,412	15 890,278	10,569	10,100
11	0	99 451	47 248,551	703 591,203	14,891	14,422	61	50	86 013	1 387,252	14 386,866	10,371	9,901
12	1	99 123	44 011,958	656 342,651	14,913	14,443	62	51	84 848	1 278,927	12 999,614	10,164	9,695
13	2	99 085	41 116,676	612 330,693	14,893	14,423	63	52	83 596	1 177,623	11 720,687	9,953	9,483
14	3	99 060	38 417,241	571 214,018	14,869	14,399	64	53	82 269	1 083,118	10 543,064	9,734	9,264
15	4	99 030	35 892,895	532 796,777	14,844	14,375	65	54	80 840	994,679	9 459,946	9,511	9,041
16	5	98 998	33 534,042	496 903,882	14,818	14,348	66	55	79 327	912,202	8 465,266	9,280	8,811
17	6	98 960	31 328,099	463 369,840	14,791	14,321	67	56	77 724	835,297	7 553,065	9,042	8,573
18	7	98 918	29 266,253	432 041,741	14,762	14,293	68	57	76 033	763,671	6 717,767	8,797	8,327
19	8	98 855	27 334,155	402 775,488	14,735	14,266	69	58	74 231	696,798	5 954,097	8,545	8,075
20	9	98 795	25 530,423	375 441,333	14,706	14,236	70	59	72 296	634,230	5 257,299	8,289	7,820
21	10	98 729	23 844,440	349 910,911	14,675	14,205	71	60	70 253	575,991	4 623,069	8,026	7,557
22	11	98 666	22 270,163	326 066,471	14,641	14,172	72	61	68 064	521,536	4 047,077	7,760	7,290
23	12	98 602	20 799,873	303 796,308	14,606	14,136	73	62	65 708	470,546	3 525,542	7,492	7,023
24	13	98 541	19 426,938	282 996,435	14,567	14,098	74	63	63 202	422,994	3 054,996	7,222	6,753
25	14	98 474	18 143,772	263 569,496	14,527	14,057	75	64	60 515	378,511	2 632,002	6,954	6,484
26	15	98 404	16 944,649	245 425,724	14,484	14,014	76	65	57 693	337,254	2 253,490	6,682	6,212
27	16	98 330	15 824,304	228 481,075	14,439	13,969	77	66	54 718	298,938	1 916,237	6,410	5,941
28	17	98 252	14 777,332	212 656,771	14,391	13,921	78	67	51 571	263,315	1 617,298	6,142	5,673
29	18	98 174	13 799,610	197 879,439	14,339	13,870	79	68	48 263	230,301	1 353,984	5,879	5,410
30	19	98 089	12 885,719	184 079,829	14,286	13,816	80	69	44 895	200,214	1 123,683	5,612	5,143
31	20	98 003	12 032,140	171 194,110	14,228	13,759	81	70	41 387	172,497	923,468	5,354	4,884
32	21	97 910	11 234,285	159 161,970	14,168	13,698	82	71	37 832	147,361	750,971	5,096	4,627
33	22	97 816	10 489,226	147 927,685	14,103	13,633	83	72	34 253	124,695	603,609	4,841	4,371
34	23	97 722	9 793,644	137 438,460	14,033	13,564	84	73	30 678	104,374	478,915	4,588	4,119
35	24	97 621	9 143,463	127 644,816	13,960	13,491	85	74	27 123	86,242	374,541	4,343	3,873
36	25	97 514	8 535,955	118 501,353	13,883	13,413	86	75	23 599	70,127	288,299	4,111	3,642
37	26	97 404	7 968,475	109 965,397	13,800	13,331	87	76	20 174	56,028	218,172	3,894	3,424
38	27	97 281	7 437,830	101 996,922	13,713	13,244	88	77	16 873	43,795	162,144	3,702	3,233
39	28	97 152	6 941,967	94 559,092	13,621	13,152	89	78	13 913	33,749	118,349	3,507	3,037
40	29	97 012	6 478,520	87 617,126	13,524	13,055	90	79	11 240	25,481	84,600	3,320	2,851
41	30	96 853	6 044,760	81 138,605	13,423	12,953	91	80	8 981	19,028	59,118	3,107	2,637
42	31	96 683	5 639,369	75 093,846	13,316	12,846	92	81	6 923	13,708	40,090	2,925	2,455
43	32	96 495	5 260,223	69 454,477	13,204	12,734	93	82	5 151	9,532	26,382	2,768	2,298
44	33	96 276	4 904,943	64 194,253	13,088	12,618	94	83	3 720	6,434	16,851	2,619	2,150
45	34	96 037	4 572,649	59 289,310	12,966	12,497	95	84	2 599	4,200	10,417	2,480	2,010
46	35	95 766	4 261,472	54 716,661	12,840	12,370	96	85	1 751	2,646	6,216	2,350	1,880
47	36	95 462	3 970,021	50 455,189	12,709	12,240	97	86	1 134	1,602	3,571	2,229	1,760
48	37	95 122	3 697,099	46 485,168	12,573	12,104	98	87	705	0,930	1,969	2,116	1,647
49	38	94 736	3 441,217	42 788,069	12,434	11,964	99	88	417	0,514	1,039	2,021	1,552
							100	89	236	0,272	0,525	1,931	1,462

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	3 203,563	39 444,260	12,313	11,843
1							51	39	93 909	2 979,436	36 240,698	12,164	11,694
2							52	40	93 392	2 769,203	33 261,261	12,011	11,542
3							53	41	92 835	2 572,593	30 492,059	11,853	11,383
4							54	42	92 226	2 388,512	27 919,466	11,689	11,220
5							55	43	91 548	2 215,851	25 530,955	11,522	11,052
6							56	44	90 820	2 054,432	23 315,103	11,349	10,879
7							57	45	90 042	1 903,572	21 260,671	11,169	10,699
8							58	46	89 204	1 762,483	19 357,099	10,983	10,513
9							59	47	88 278	1 630,083	17 594,616	10,794	10,324
10							60	48	87 279	1 506,203	15 964,532	10,599	10,130
11							61	49	86 194	1 390,160	14 458,329	10,400	9,931
12	0	99 442	44 153,231	656 673,525	14,873	14,403	62	50	85 046	1 281,922	13 068,169	10,194	9,725
13	1	99 113	41 128,370	612 520,294	14,893	14,423	63	51	83 805	1 180,564	11 786,247	9,984	9,514
14	2	99 076	38 423,435	571 391,924	14,871	14,401	64	52	82 498	1 086,128	10 605,683	9,765	9,295
15	3	99 044	35 898,042	532 968,489	14,847	14,377	65	53	81 087	997,711	9 519,555	9,541	9,072
16	4	99 010	33 538,061	497 070,446	14,821	14,352	66	54	79 580	915,117	8 521,844	9,312	8,843
17	5	98 969	31 330,933	463 532,385	14,795	14,325	67	55	78 004	838,313	7 606,726	9,074	8,604
18	6	98 926	29 268,600	432 201,452	14,767	14,297	68	56	76 323	766,578	6 768,413	8,829	8,360
19	7	98 863	27 336,438	402 932,852	14,740	14,270	69	57	74 539	699,685	6 001,835	8,578	8,108
20	8	98 801	25 532,008	375 596,414	14,711	14,241	70	58	72 627	637,135	5 302,150	8,322	7,852
21	9	98 736	23 845,954	350 064,405	14,680	14,211	71	59	70 590	578,757	4 665,015	8,060	7,591
22	10	98 674	22 271,957	326 218,451	14,647	14,178	72	60	68 438	524,403	4 086,258	7,792	7,323
23	11	98 610	20 801,525	303 946,494	14,612	14,142	73	61	66 084	473,237	3 561,855	7,527	7,057
24	12	98 548	19 428,428	283 144,969	14,574	14,104	74	62	63 602	425,665	3 088,618	7,256	6,786
25	13	98 484	18 145,557	263 716,541	14,533	14,064	75	63	60 921	381,052	2 662,953	6,988	6,519
26	14	98 416	16 946,747	245 570,984	14,491	14,021	76	64	58 111	339,698	2 281,901	6,717	6,248
27	15	98 343	15 826,449	228 624,237	14,446	13,976	77	65	55 145	301,271	1 942,203	6,447	5,977
28	16	98 268	14 779,708	212 797,788	14,398	13,928	78	66	51 999	265,497	1 640,932	6,181	5,711
29	17	98 191	13 802,033	198 018,080	14,347	13,878	79	67	48 702	232,397	1 375,435	5,918	5,449
30	18	98 111	12 888,534	184 216,047	14,293	13,824	80	68	45 339	202,195	1 143,038	5,653	5,184
31	19	98 024	12 034,728	171 327,513	14,236	13,767	81	69	41 846	174,410	940,843	5,394	4,925
32	20	97 930	11 236,656	159 292,784	14,176	13,707	82	70	38 289	149,143	766,433	5,139	4,669
33	21	97 837	10 491,493	148 056,129	14,112	13,643	83	71	34 716	126,381	617,289	4,884	4,415
34	22	97 745	9 795,895	137 564,636	14,043	13,574	84	72	31 160	106,014	490,908	4,631	4,161
35	23	97 643	9 145,543	127 768,740	13,971	13,501	85	73	27 602	87,764	384,894	4,386	3,916
36	24	97 536	8 537,896	118 623,197	13,894	13,424	86	74	24 064	71,509	297,131	4,155	3,686
37	25	97 425	7 970,251	110 085,301	13,812	13,343	87	75	20 634	57,305	225,622	3,937	3,468
38	26	97 307	7 439,818	102 115,050	13,725	13,256	88	76	17 312	44,934	168,317	3,746	3,276
39	27	97 177	6 943,759	94 675,232	13,635	13,165	89	77	14 328	34,756	123,383	3,550	3,080
40	28	97 038	6 480,203	87 731,473	13,538	13,069	90	78	11 627	26,358	88,627	3,362	2,893
41	29	96 880	6 046,437	81 251,270	13,438	12,968	91	79	9 331	19,770	62,269	3,150	2,680
42	30	96 709	5 640,917	75 204,833	13,332	12,863	92	80	7 237	14,329	42,499	2,966	2,496
43	31	96 527	5 261,939	69 563,916	13,220	12,751	93	81	5 419	10,028	28,169	2,809	2,340
44	32	96 310	4 906,643	64 301,977	13,105	12,636	94	82	3 944	6,822	18,141	2,659	2,190
45	33	96 072	4 574,304	59 395,334	12,985	12,515	95	83	2 779	4,492	11,320	2,520	2,050
46	34	95 805	4 263,202	54 821,031	12,859	12,390	96	84	1 891	2,857	6,827	2,390	1,920
47	35	95 503	3 971,714	50 557,828	12,729	12,260	97	85	1 240	1,751	3,970	2,267	1,798
48	36	95 167	3 698,823	46 586,114	12,595	12,125	98	86	781	1,030	2,219	2,155	1,685
49	37	94 786	3 443,030	42 887,291	12,456	11,987	99	87	471	0,580	1,189	2,049	1,579
							100	88	270	0,311	0,609	1,959	1,490

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	3 205,251	39 533,138	12,334	11,864
1							51	38	93 964	2 981,194	36 327,887	12,186	11,716
2							52	39	93 458	2 771,151	33 346,693	12,034	11,564
3							53	40	92 901	2 574,428	30 575,542	11,877	11,407
4							54	41	92 302	2 390,498	28 001,114	11,714	11,244
5							55	42	91 635	2 217,949	25 610,616	11,547	11,077
6							56	43	90 916	2 056,603	23 392,667	11,374	10,905
7							57	44	90 144	1 905,727	21 336,064	11,196	10,726
8							58	45	89 325	1 764,871	19 430,337	11,009	10,540
9							59	46	88 415	1 632,616	17 665,466	10,820	10,351
10							60	47	87 431	1 508,822	16 032,851	10,626	10,157
11							61	48	86 354	1 392,741	14 524,029	10,428	9,959
12							62	49	85 225	1 284,609	13 131,288	10,222	9,752
13	0	99 431	41 260,387	612 825,588	14,853	14,383	63	50	84 001	1 183,329	11 846,679	10,011	9,542
14	1	99 104	38 434,363	571 565,201	14,871	14,402	64	51	82 704	1 088,840	10 663,350	9,793	9,324
15	2	99 060	35 903,830	533 130,837	14,849	14,379	65	52	81 312	1 000,484	9 574,510	9,570	9,100
16	3	99 024	33 542,871	497 227,007	14,824	14,354	66	53	79 823	917,907	8 574,027	9,341	8,871
17	4	98 980	31 334,688	463 684,136	14,798	14,328	67	54	78 254	840,993	7 656,120	9,104	8,634
18	5	98 935	29 271,248	432 349,447	14,770	14,301	68	55	76 598	769,346	6 815,127	8,858	8,389
19	6	98 871	27 338,630	403 078,199	14,744	14,274	69	56	74 823	702,349	6 045,781	8,608	8,138
20	7	98 809	25 534,142	375 739,569	14,715	14,246	70	57	72 928	639,775	5 343,432	8,352	7,883
21	8	98 742	23 847,435	350 205,427	14,685	14,216	71	58	70 914	581,408	4 703,657	8,090	7,621
22	9	98 680	22 273,371	326 357,992	14,652	14,183	72	59	68 767	526,921	4 122,249	7,823	7,354
23	10	98 618	20 803,201	304 084,621	14,617	14,148	73	60	66 447	475,839	3 595,329	7,556	7,086
24	11	98 556	19 429,971	283 281,420	14,580	14,110	74	61	63 965	428,099	3 119,490	7,287	6,817
25	12	98 491	18 146,948	263 851,449	14,540	14,070	75	62	61 306	383,458	2 691,391	7,019	6,549
26	13	98 425	16 948,414	245 704,501	14,497	14,028	76	63	58 501	341,979	2 307,933	6,749	6,279
27	14	98 356	15 828,409	228 756,087	14,452	13,983	77	64	55 545	303,454	1 965,954	6,479	6,009
28	15	98 281	14 781,712	212 927,678	14,405	13,935	78	65	52 405	267,569	1 662,500	6,213	5,744
29	16	98 207	13 804,252	198 145,966	14,354	13,884	79	66	49 106	234,323	1 394,931	5,953	5,484
30	17	98 128	12 890,797	184 341,714	14,300	13,831	80	67	45 752	204,035	1 160,608	5,688	5,219
31	18	98 046	12 037,358	171 450,917	14,243	13,774	81	68	42 260	176,136	956,572	5,431	4,961
32	19	97 952	11 239,073	159 413,559	14,184	13,714	82	69	38 714	150,797	780,437	5,175	4,706
33	20	97 857	10 493,707	148 174,487	14,120	13,651	83	70	35 136	127,909	629,639	4,923	4,453
34	21	97 766	9 798,013	137 680,779	14,052	13,582	84	71	31 582	107,448	501,730	4,670	4,200
35	22	97 666	9 147,645	127 882,766	13,980	13,510	85	72	28 036	89,143	394,282	4,423	3,954
36	23	97 559	8 539,839	118 735,121	13,904	13,434	86	73	24 488	72,770	305,139	4,193	3,724
37	24	97 447	7 972,064	110 195,282	13,823	13,353	87	74	21 041	58,434	232,369	3,977	3,507
38	25	97 329	7 441,476	102 223,219	13,737	13,267	88	75	17 706	45,958	173,935	3,785	3,315
39	26	97 203	6 945,615	94 781,743	13,646	13,177	89	76	14 701	35,660	127,977	3,589	3,119
40	27	97 063	6 481,877	87 836,128	13,551	13,082	90	77	11 973	27,144	92,317	3,401	2,932
41	28	96 905	6 048,008	81 354,252	13,451	12,982	91	78	9 652	20,450	65,173	3,187	2,717
42	29	96 736	5 642,482	75 306,244	13,346	12,877	92	79	7 519	14,888	44,723	3,004	2,534
43	30	96 553	5 263,383	69 663,762	13,236	12,766	93	80	5 665	10,483	29,834	2,846	2,377
44	31	96 341	4 908,243	64 400,379	13,121	12,651	94	81	4 150	7,177	19,352	2,696	2,227
45	32	96 105	4 575,889	59 492,136	13,001	12,532	95	82	2 947	4,763	12,175	2,556	2,087
46	33	95 840	4 264,745	54 916,247	12,877	12,407	96	83	2 023	3,056	7,412	2,426	1,956
47	34	95 541	3 973,327	50 651,502	12,748	12,278	97	84	1 339	1,891	4,356	2,304	1,834
48	35	95 207	3 700,400	46 678,176	12,614	12,145	98	85	853	1,126	2,465	2,189	1,720
49	36	94 831	3 444,637	42 977,775	12,477	12,007	99	86	521	0,643	1,339	2,084	1,614
							100	87	305	0,351	0,697	1,985	1,515



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	3 206,746	39 614,178	12,353	11,884
1							51	37	94 014	2 982,765	36 407,431	12,206	11,736
2							52	38	93 513	2 772,786	33 424,666	12,055	11,585
3							53	39	92 966	2 576,240	30 651,880	11,898	11,428
4							54	40	92 368	2 392,203	28 075,641	11,736	11,267
5							55	41	91 711	2 219,794	25 683,437	11,570	11,101
6							56	42	91 002	2 058,550	23 463,644	11,398	10,929
7							57	43	90 239	1 907,741	21 405,093	11,220	10,751
8							58	44	89 426	1 766,869	19 497,352	11,035	10,565
9							59	45	88 535	1 634,827	17 730,484	10,845	10,376
10							60	46	87 567	1 511,165	16 095,657	10,651	10,182
11							61	47	86 504	1 395,162	14 584,492	10,454	9,984
12							62	48	85 383	1 286,994	13 189,330	10,248	9,779
13							63	49	84 177	1 185,810	11 902,336	10,037	9,568
14	0	99 422	38 557,733	571 846,921	14,831	14,361	64	50	82 898	1 091,390	10 716,526	9,819	9,350
15	1	99 088	35 914,042	533 289,188	14,849	14,380	65	51	81 515	1 002,982	9 625,136	9,597	9,127
16	2	99 040	33 548,280	497 375,146	14,826	14,356	66	52	80 045	920,458	8 622,155	9,367	8,898
17	3	98 995	31 339,182	463 826,866	14,800	14,331	67	53	78 492	843,556	7 701,697	9,130	8,661
18	4	98 947	29 274,756	432 487,685	14,773	14,304	68	54	76 843	771,805	6 858,140	8,886	8,416
19	5	98 880	27 341,104	403 212,928	14,748	14,278	69	55	75 093	704,885	6 086,335	8,635	8,165
20	6	98 817	25 536,189	375 871,825	14,719	14,250	70	56	73 205	642,211	5 381,451	8,380	7,910
21	7	98 750	23 849,428	350 335,636	14,689	14,220	71	57	71 207	583,817	4 739,240	8,118	7,648
22	8	98 686	22 274,754	326 486,208	14,657	14,188	72	58	69 082	529,334	4 155,423	7,850	7,381
23	9	98 624	20 804,522	304 211,454	14,622	14,153	73	59	66 766	478,123	3 626,089	7,584	7,114
24	10	98 564	19 431,536	283 406,931	14,585	14,115	74	60	64 317	430,452	3 147,965	7,313	6,844
25	11	98 499	18 148,390	263 975,395	14,545	14,076	75	61	61 656	385,651	2 717,513	7,047	6,577
26	12	98 433	16 949,713	245 827,005	14,503	14,034	76	62	58 871	344,138	2 331,862	6,776	6,306
27	13	98 365	15 829,966	228 877,292	14,458	13,989	77	63	55 918	305,492	1 987,724	6,507	6,037
28	14	98 293	14 783,542	213 047,326	14,411	13,942	78	64	52 784	269,508	1 682,232	6,242	5,772
29	15	98 220	13 806,123	198 263,784	14,361	13,891	79	65	49 489	236,152	1 412,724	5,982	5,513
30	16	98 144	12 892,870	184 457,661	14,307	13,837	80	66	46 131	205,726	1 176,573	5,719	5,250
31	17	98 063	12 039,471	171 564,791	14,250	13,781	81	67	42 645	177,739	970,846	5,462	4,993
32	18	97 973	11 241,528	159 525,320	14,191	13,721	82	68	39 097	152,289	793,107	5,208	4,738
33	19	97 878	10 495,965	148 283,791	14,128	13,658	83	69	35 526	129,328	640,818	4,955	4,485
34	20	97 786	9 800,081	137 787,827	14,060	13,590	84	70	31 964	108,747	511,491	4,703	4,234
35	21	97 687	9 149,623	127 987,746	13,988	13,519	85	71	28 415	90,349	402,744	4,458	3,988
36	22	97 581	8 541,802	118 838,123	13,913	13,443	86	72	24 873	73,914	312,395	4,226	3,757
37	23	97 470	7 973,877	110 296,322	13,832	13,363	87	73	21 412	59,465	238,481	4,010	3,541
38	24	97 351	7 443,168	102 322,444	13,747	13,278	88	74	18 055	46,863	179,016	3,820	3,350
39	25	97 224	6 947,163	94 879,276	13,657	13,188	89	75	15 036	36,472	132,153	3,623	3,154
40	26	97 089	6 483,609	87 932,114	13,562	13,093	90	76	12 285	27,850	95,680	3,436	2,966
41	27	96 930	6 049,569	81 448,505	13,464	12,994	91	77	9 940	21,060	67,830	3,221	2,751
42	28	96 761	5 643,948	75 398,935	13,359	12,890	92	78	7 778	15,401	46,770	3,037	2,567
43	29	96 580	5 264,844	69 754,988	13,249	12,780	93	79	5 886	10,892	31,369	2,880	2,411
44	30	96 368	4 909,590	64 490,144	13,136	12,666	94	80	4 338	7,503	20,478	2,729	2,260
45	31	96 136	4 577,381	59 580,554	13,016	12,547	95	81	3 100	5,011	12,975	2,589	2,120
46	32	95 873	4 266,223	55 003,173	12,893	12,423	96	82	2 145	3,240	7,964	2,458	1,989
47	33	95 576	3 974,765	50 736,950	12,765	12,295	97	83	1 432	2,022	4,724	2,336	1,867
48	34	95 246	3 701,903	46 762,186	12,632	12,162	98	84	922	1,216	2,702	2,222	1,753
49	35	94 871	3 446,105	43 060,283	12,495	12,026	99	85	570	0,703	1,486	2,115	1,646
							100	86	337	0,389	0,784	2,017	1,547

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	3 208,114	39 688,062	12,371	11,902
1							51	36	94 058	2 984,156	36 479,948	12,225	11,755
2							52	37	93 562	2 774,247	33 495,792	12,074	11,604
3							53	38	93 021	2 577,759	30 721,545	11,918	11,448
4							54	39	92 433	2 393,887	28 143,785	11,757	11,287
5							55	40	91 776	2 221,377	25 749,899	11,592	11,122
6							56	41	91 078	2 060,262	23 528,521	11,420	10,951
7							57	42	90 325	1 909,547	21 468,259	11,243	10,773
8							58	43	89 520	1 768,736	19 558,712	11,058	10,589
9							59	44	88 635	1 636,678	17 789,976	10,870	10,400
10							60	45	87 685	1 513,212	16 153,299	10,675	10,205
11							61	46	86 638	1 397,329	14 640,087	10,477	10,008
12							62	47	85 531	1 289,231	13 242,757	10,272	9,802
13							63	48	84 333	1 188,011	11 953,526	10,062	9,592
14							64	49	83 071	1 093,678	10 765,515	9,843	9,374
15	0	99 406	36 029,322	533 549,173	14,809	14,339	65	50	81 706	1 005,331	9 671,837	9,621	9,151
16	1	99 068	33 557,821	497 519,851	14,826	14,356	66	51	80 245	922,756	8 666,507	9,392	8,922
17	2	99 011	31 344,235	463 962,030	14,802	14,333	67	52	78 710	845,900	7 743,751	9,154	8,685
18	3	98 961	29 278,955	432 617,795	14,776	14,306	68	53	77 077	774,158	6 897,850	8,910	8,441
19	4	98 892	27 344,381	403 338,840	14,750	14,281	69	54	75 333	707,138	6 123,692	8,660	8,190
20	5	98 826	25 538,499	375 994,459	14,723	14,253	70	55	73 470	644,530	5 416,555	8,404	7,934
21	6	98 758	23 851,340	350 455,960	14,693	14,224	71	56	71 478	586,039	4 772,025	8,143	7,673
22	7	98 694	22 276,615	326 604,620	14,661	14,192	72	57	69 368	531,528	4 185,985	7,875	7,406
23	8	98 631	20 805,814	304 328,005	14,627	14,158	73	58	67 072	480,313	3 654,458	7,608	7,139
24	9	98 570	19 432,770	283 522,190	14,590	14,120	74	59	64 626	432,519	3 174,145	7,339	6,869
25	10	98 507	18 149,852	264 089,420	14,551	14,081	75	60	61 995	387,771	2 741,625	7,070	6,601
26	11	98 441	16 951,060	245 939,568	14,509	14,039	76	61	59 207	346,106	2 353,854	6,801	6,331
27	12	98 373	15 831,179	228 988,509	14,464	13,995	77	62	56 271	307,421	2 007,748	6,531	6,061
28	13	98 303	14 784,997	213 157,330	14,417	13,948	78	63	53 139	271,317	1 700,328	6,267	5,797
29	14	98 232	13 807,833	198 372,333	14,367	13,897	79	64	49 848	237,863	1 429,010	6,008	5,538
30	15	98 157	12 894,618	184 564,500	14,313	13,844	80	65	46 491	207,332	1 191,147	5,745	5,276
31	16	98 079	12 041,407	171 669,882	14,257	13,787	81	66	42 998	179,212	983,815	5,490	5,020
32	17	97 990	11 243,502	159 628,475	14,197	13,728	82	67	39 452	153,675	804,604	5,236	4,766
33	18	97 900	10 498,258	148 384,973	14,134	13,665	83	68	35 877	130,607	650,928	4,984	4,514
34	19	97 807	9 802,189	137 886,716	14,067	13,597	84	69	32 318	109,953	520,322	4,732	4,263
35	20	97 707	9 151,554	128 084,527	13,996	13,526	85	70	28 758	91,441	410,369	4,488	4,018
36	21	97 602	8 543,648	118 932,973	13,921	13,451	86	71	25 210	74,913	318,927	4,257	3,788
37	22	97 492	7 975,710	110 389,325	13,841	13,371	87	72	21 748	60,400	244,014	4,040	3,570
38	23	97 373	7 444,861	102 413,615	13,756	13,287	88	73	18 374	47,690	183,614	3,850	3,381
39	24	97 246	6 948,743	94 968,753	13,667	13,198	89	74	15 332	37,191	135,924	3,655	3,185
40	25	97 110	6 485,054	88 020,011	13,573	13,103	90	75	12 565	28,485	98,733	3,466	2,997
41	26	96 956	6 051,186	81 534,957	13,474	13,005	91	76	10 198	21,608	70,248	3,251	2,782
42	27	96 786	5 645,405	75 483,771	13,371	12,901	92	77	8 010	15,860	48,640	3,067	2,597
43	28	96 605	5 266,212	69 838,366	13,262	12,792	93	78	6 088	11,266	32,780	2,910	2,440
44	29	96 394	4 910,952	64 572,154	13,149	12,679	94	79	4 507	7,795	21,514	2,760	2,290
45	30	96 163	4 578,638	59 661,202	13,030	12,561	95	80	3 241	5,238	13,719	2,619	2,149
46	31	95 904	4 267,614	55 082,564	12,907	12,438	96	81	2 256	3,409	8,480	2,488	2,018
47	32	95 609	3 976,142	50 814,950	12,780	12,310	97	82	1 519	2,144	5,072	2,365	1,896
48	33	95 280	3 703,243	46 838,809	12,648	12,179	98	83	986	1,300	2,928	2,251	1,782
49	34	94 910	3 447,504	43 135,566	12,512	12,043	99	84	615	0,759	1,627	2,145	1,676
							100	85	369	0,425	0,869	2,045	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	3 209,416	39 755,469	12,387	11,918
1							51	35	94 098	2 985,429	36 546,053	12,241	11,772
2							52	36	93 606	2 775,542	33 560,624	12,092	11,622
3							53	37	93 070	2 579,118	30 785,083	11,936	11,467
4							54	38	92 488	2 395,299	28 205,965	11,776	11,306
5							55	39	91 841	2 222,940	25 810,666	11,611	11,142
6							56	40	91 143	2 061,732	23 587,726	11,441	10,971
7							57	41	90 400	1 911,136	21 525,994	11,263	10,794
8							58	42	89 605	1 770,410	19 614,858	11,079	10,610
9							59	43	88 729	1 638,407	17 844,448	10,891	10,422
10							60	44	87 784	1 514,925	16 206,041	10,698	10,228
11							61	45	86 755	1 399,222	14 691,116	10,499	10,030
12							62	46	85 664	1 291,234	13 291,894	10,294	9,824
13							63	47	84 480	1 190,076	12 000,660	10,084	9,614
14							64	48	83 226	1 095,708	10 810,584	9,866	9,397
15							65	49	81 877	1 007,438	9 714,876	9,643	9,174
16	0	99 386	33 665,538	497 759,796	14,785	14,316	66	50	80 433	924,917	8 707,438	9,414	8,945
17	1	99 039	31 353,150	464 094,258	14,802	14,333	67	51	78 907	848,013	7 782,520	9,177	8,708
18	2	98 977	29 283,676	432 741,108	14,778	14,308	68	52	77 291	776,309	6 934,508	8,933	8,463
19	3	98 906	27 348,302	403 457,433	14,753	14,283	69	53	75 563	709,293	6 158,199	8,682	8,213
20	4	98 838	25 541,560	376 109,131	14,725	14,256	70	54	73 704	646,590	5 448,906	8,427	7,958
21	5	98 767	23 853,498	350 567,570	14,697	14,227	71	55	71 737	588,155	4 802,316	8,165	7,696
22	6	98 702	22 278,402	326 714,073	14,665	14,196	72	56	69 632	533,551	4 214,160	7,898	7,429
23	7	98 639	20 807,553	304 435,671	14,631	14,162	73	57	67 350	482,304	3 680,609	7,631	7,162
24	8	98 576	19 433,977	283 628,118	14,594	14,125	74	58	64 922	434,500	3 198,306	7,361	6,891
25	9	98 513	18 151,004	264 194,141	14,555	14,086	75	59	62 293	389,633	2 763,805	7,093	6,624
26	10	98 449	16 952,425	246 043,137	14,514	14,044	76	60	59 533	348,009	2 374,172	6,822	6,353
27	11	98 381	15 832,437	229 090,712	14,470	14,000	77	61	56 593	309,178	2 026,163	6,553	6,084
28	12	98 311	14 786,130	213 258,275	14,423	13,953	78	62	53 474	273,030	1 716,985	6,289	5,819
29	13	98 242	13 809,191	198 472,145	14,372	13,903	79	63	50 182	239,460	1 443,955	6,030	5,561
30	14	98 169	12 896,214	184 662,954	14,319	13,850	80	64	46 828	208,834	1 204,494	5,768	5,298
31	15	98 092	12 043,039	171 766,739	14,263	13,793	81	65	43 334	180,610	995,660	5,513	5,043
32	16	98 006	11 245,310	159 723,700	14,204	13,734	82	66	39 779	154,949	815,050	5,260	4,791
33	17	97 917	10 500,101	148 478,390	14,141	13,671	83	67	36 204	131,796	660,101	5,009	4,539
34	18	97 829	9 804,330	137 978,289	14,073	13,604	84	68	32 638	111,041	528,305	4,758	4,288
35	19	97 728	9 153,522	128 173,959	14,003	13,533	85	69	29 077	92,455	417,265	4,513	4,044
36	20	97 623	8 545,451	119 020,437	13,928	13,458	86	70	25 514	75,819	324,810	4,284	3,814
37	21	97 513	7 977,434	110 474,985	13,848	13,379	87	71	22 042	61,217	248,990	4,067	3,598
38	22	97 396	7 446,573	102 497,551	13,764	13,295	88	72	18 663	48,440	187,773	3,876	3,407
39	23	97 269	6 950,323	95 050,978	13,676	13,206	89	73	15 602	37,847	139,334	3,681	3,212
40	24	97 132	6 486,529	88 100,655	13,582	13,113	90	74	12 812	29,046	101,487	3,494	3,024
41	25	96 978	6 052,535	81 614,126	13,484	13,015	91	75	10 431	22,100	72,441	3,278	2,808
42	26	96 812	5 646,914	75 561,591	13,381	12,912	92	76	8 218	16,272	50,340	3,094	2,624
43	27	96 630	5 267,571	69 914,678	13,273	12,803	93	77	6 270	11,602	34,068	2,936	2,467
44	28	96 419	4 912,228	64 647,107	13,160	12,691	94	78	4 662	8,063	22,466	2,786	2,317
45	29	96 189	4 579,908	59 734,878	13,043	12,573	95	79	3 367	5,443	14,402	2,646	2,177
46	30	95 931	4 268,786	55 154,971	12,921	12,451	96	80	2 359	3,563	8,960	2,514	2,045
47	31	95 640	3 977,438	50 886,185	12,794	12,324	97	81	1 598	2,256	5,396	2,392	1,923
48	32	95 313	3 704,526	46 908,747	12,663	12,193	98	82	1 045	1,379	3,141	2,278	1,808
49	33	94 944	3 448,752	43 204,221	12,527	12,058	99	83	658	0,811	1,762	2,171	1,702
							100	84	398	0,459	0,950	2,072	1,603

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	3 210,578	39 816,931	12,402	11,932
1							51	34	94 136	2 986,641	36 606,354	12,257	11,787
2							52	35	93 646	2 776,725	33 619,713	12,108	11,638
3							53	36	93 114	2 580,321	30 842,988	11,953	11,484
4							54	37	92 536	2 396,561	28 262,667	11,793	11,323
5							55	38	91 895	2 224,252	25 866,106	11,629	11,160
6							56	39	91 207	2 063,183	23 641,854	11,459	10,989
7							57	40	90 464	1 912,499	21 578,671	11,283	10,813
8							58	41	89 680	1 771,883	19 666,173	11,099	10,630
9							59	42	88 813	1 639,958	17 894,290	10,911	10,442
10							60	43	87 877	1 516,526	16 254,332	10,718	10,249
11							61	44	86 854	1 400,806	14 737,806	10,521	10,051
12							62	45	85 780	1 292,983	13 337,000	10,315	9,845
13							63	46	84 611	1 191,925	12 044,017	10,105	9,635
14							64	47	83 370	1 097,613	10 852,093	9,887	9,417
15							65	48	82 029	1 009,308	9 754,480	9,665	9,195
16							66	49	80 601	926,856	8 745,171	9,435	8,966
17	0	99 357	31 453,790	464 315,720	14,762	14,292	67	50	79 092	849,999	7 818,315	9,198	8,729
18	1	99 005	29 292,004	432 861,930	14,777	14,308	68	51	77 484	778,247	6 968,316	8,954	8,484
19	2	98 922	27 352,712	403 569,926	14,754	14,285	69	52	75 772	711,264	6 190,069	8,703	8,233
20	3	98 852	25 545,223	376 217,214	14,727	14,258	70	53	73 929	648,561	5 478,805	8,448	7,978
21	4	98 779	23 856,357	350 671,991	14,699	14,230	71	54	71 966	590,035	4 830,244	8,186	7,717
22	5	98 711	22 280,417	326 815,634	14,668	14,199	72	55	69 883	535,478	4 240,209	7,919	7,449
23	6	98 647	20 809,221	304 535,217	14,635	14,165	73	56	67 606	484,140	3 704,731	7,652	7,183
24	7	98 584	19 435,601	283 725,996	14,598	14,129	74	57	65 191	436,301	3 220,591	7,382	6,912
25	8	98 519	18 152,132	264 290,395	14,560	14,090	75	58	62 578	391,418	2 784,290	7,113	6,644
26	9	98 455	16 953,502	246 138,263	14,518	14,049	76	59	59 819	349,680	2 392,873	6,843	6,374
27	10	98 389	15 833,712	229 184,762	14,474	14,005	77	60	56 904	310,878	2 043,193	6,572	6,103
28	11	98 318	14 787,305	213 351,049	14,428	13,958	78	61	53 780	274,592	1 732,315	6,309	5,839
29	12	98 250	13 810,250	198 563,745	14,378	13,908	79	62	50 499	240,972	1 457,723	6,049	5,580
30	13	98 179	12 897,483	184 753,495	14,325	13,855	80	63	47 142	210,236	1 216,751	5,788	5,318
31	14	98 104	12 044,530	171 856,012	14,268	13,799	81	64	43 648	181,919	1 006,515	5,533	5,063
32	15	98 019	11 246,834	159 811,481	14,209	13,740	82	65	40 090	156,158	824,595	5,281	4,811
33	16	97 933	10 501,789	148 564,647	14,147	13,677	83	66	36 504	132,888	668,437	5,030	4,561
34	17	97 846	9 806,052	138 062,858	14,079	13,610	84	67	32 935	112,051	535,550	4,779	4,310
35	18	97 750	9 155,522	128 256,806	14,009	13,539	85	68	29 365	93,370	423,498	4,536	4,066
36	19	97 644	8 547,289	119 101,284	13,934	13,465	86	69	25 797	76,660	330,128	4,306	3,837
37	20	97 534	7 979,118	110 553,995	13,855	13,386	87	70	22 309	61,957	253,468	4,091	3,622
38	21	97 417	7 448,183	102 574,877	13,772	13,302	88	71	18 915	49,095	191,511	3,901	3,431
39	22	97 291	6 951,921	95 126,694	13,684	13,214	89	72	15 848	38,442	142,416	3,705	3,235
40	23	97 154	6 488,004	88 174,773	13,590	13,121	90	73	13 038	29,558	103,974	3,518	3,048
41	24	97 000	6 053,911	81 686,769	13,493	13,024	91	74	10 636	22,536	74,416	3,302	2,833
42	25	96 834	5 648,172	75 632,858	13,391	12,921	92	75	8 405	16,643	51,880	3,117	2,648
43	26	96 656	5 268,979	69 984,685	13,282	12,813	93	76	6 433	11,904	35,237	2,960	2,491
44	27	96 444	4 913,496	64 715,706	13,171	12,701	94	77	4 801	8,304	23,333	2,810	2,340
45	28	96 214	4 581,098	59 802,210	13,054	12,585	95	78	3 483	5,630	15,029	2,670	2,200
46	29	95 957	4 269,970	55 221,112	12,932	12,463	96	79	2 451	3,702	9,399	2,539	2,069
47	30	95 667	3 978,530	50 951,142	12,807	12,337	97	80	1 670	2,358	5,697	2,416	1,946
48	31	95 344	3 705,734	46 972,612	12,676	12,206	98	81	1 099	1,451	3,339	2,302	1,832
49	32	94 977	3 449,947	43 266,878	12,541	12,072	99	82	698	0,860	1,888	2,195	1,726
							100	83	426	0,491	1,028	2,096	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	3 211,690	39 873,017	12,415	11,945
1							51	33	94 170	2 987,722	36 661,327	12,271	11,801
2							52	34	93 684	2 777,852	33 673,605	12,122	11,653
3							53	35	93 153	2 581,421	30 895,753	11,969	11,499
4							54	36	92 580	2 397,679	28 314,332	11,809	11,340
5							55	37	91 943	2 225,424	25 916,652	11,646	11,176
6							56	38	91 261	2 064,400	23 691,228	11,476	11,007
7							57	39	90 528	1 913,845	21 626,829	11,300	10,831
8							58	40	89 744	1 773,147	19 712,984	11,118	10,648
9							59	41	88 887	1 641,322	17 939,837	10,930	10,461
10							60	42	87 960	1 517,962	16 298,515	10,737	10,268
11							61	43	86 945	1 402,286	14 780,553	10,540	10,071
12							62	44	85 877	1 294,447	13 378,267	10,335	9,866
13							63	45	84 726	1 193,539	12 083,821	10,124	9,655
14							64	46	83 500	1 099,318	10 890,282	9,906	9,437
15							65	47	82 172	1 011,063	9 790,964	9,684	9,214
16							66	48	80 751	928,577	8 779,901	9,455	8,986
17							67	49	79 258	851,780	7 851,324	9,218	8,748
18	0	99 323	29 386,028	433 066,345	14,737	14,268	68	50	77 666	780,070	6 999,543	8,973	8,503
19	1	98 950	27 360,491	403 680,317	14,754	14,285	69	51	75 962	713,040	6 219,473	8,722	8,253
20	2	98 868	25 549,342	376 319,825	14,729	14,260	70	52	74 135	650,363	5 506,433	8,467	7,997
21	3	98 793	23 859,778	350 770,483	14,701	14,232	71	53	72 185	591,834	4 856,070	8,205	7,736
22	4	98 723	22 283,088	326 910,705	14,671	14,201	72	54	70 107	537,189	4 264,236	7,938	7,469
23	5	98 656	20 811,104	304 627,618	14,638	14,168	73	55	67 850	485,888	3 727,047	7,671	7,201
24	6	98 592	19 437,159	283 816,514	14,602	14,132	74	56	65 439	437,962	3 241,159	7,401	6,931
25	7	98 528	18 153,648	264 379,355	14,563	14,094	75	57	62 838	393,040	2 803,197	7,132	6,663
26	8	98 461	16 954,555	246 225,706	14,523	14,053	76	58	60 093	351,281	2 410,158	6,861	6,392
27	9	98 395	15 834,718	229 271,152	14,479	14,010	77	59	57 177	312,371	2 058,876	6,591	6,122
28	10	98 326	14 788,496	213 436,434	14,433	13,963	78	60	54 076	276,101	1 746,505	6,326	5,856
29	11	98 257	13 811,347	198 647,938	14,383	13,913	79	61	50 788	242,350	1 470,404	6,067	5,598
30	12	98 186	12 898,472	184 836,592	14,330	13,861	80	62	47 440	211,564	1 228,054	5,805	5,335
31	13	98 114	12 045,715	171 938,120	14,274	13,804	81	63	43 941	183,141	1 016,490	5,550	5,081
32	14	98 031	11 248,227	159 892,404	14,215	13,745	82	64	40 380	157,290	833,350	5,298	4,829
33	15	97 946	10 503,213	148 644,177	14,152	13,683	83	65	36 789	133,925	676,060	5,048	4,579
34	16	97 862	9 807,628	138 140,964	14,085	13,616	84	66	33 208	112,980	542,135	4,799	4,329
35	17	97 767	9 157,130	128 333,336	14,015	13,545	85	67	29 632	94,220	429,155	4,555	4,085
36	18	97 665	8 549,157	119 176,207	13,940	13,471	86	68	26 053	77,418	334,936	4,326	3,857
37	19	97 555	7 980,834	110 627,050	13,862	13,392	87	69	22 556	62,644	257,517	4,111	3,641
38	20	97 437	7 449,754	102 646,215	13,778	13,309	88	70	19 144	49,688	194,873	3,922	3,452
39	21	97 312	6 953,424	95 196,461	13,691	13,221	89	71	16 062	38,962	145,185	3,726	3,257
40	22	97 177	6 489,496	88 243,037	13,598	13,128	90	72	13 243	30,023	106,223	3,538	3,069
41	23	97 022	6 055,289	81 753,542	13,501	13,032	91	73	10 824	22,933	76,200	3,323	2,853
42	24	96 856	5 649,457	75 698,253	13,399	12,930	92	74	8 571	16,971	53,266	3,139	2,669
43	25	96 678	5 270,153	70 048,796	13,292	12,822	93	75	6 579	12,175	36,295	2,981	2,512
44	26	96 470	4 914,809	64 778,643	13,180	12,711	94	76	4 926	8,520	24,120	2,831	2,362
45	27	96 239	4 582,280	59 863,833	13,064	12,595	95	77	3 587	5,798	15,600	2,691	2,221
46	28	95 982	4 271,079	55 281,553	12,943	12,474	96	78	2 535	3,830	9,802	2,560	2,090
47	29	95 693	3 979,634	51 010,474	12,818	12,348	97	79	1 735	2,450	5,973	2,438	1,968
48	30	95 371	3 706,751	47 030,840	12,688	12,218	98	80	1 149	1,516	3,523	2,323	1,854
49	31	95 008	3 451,072	43 324,089	12,554	12,084	99	81	734	0,905	2,006	2,217	1,747
							100	82	451	0,520	1,101	2,117	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	3 212,737	39 924,218	12,427	11,957
1							51	32	94 203	2 988,757	36 711,481	12,283	11,814
2							52	33	93 718	2 778,858	33 722,724	12,135	11,666
3							53	34	93 191	2 582,469	30 943,866	11,982	11,513
4							54	35	92 619	2 398,701	28 361,397	11,824	11,354
5							55	36	91 986	2 226,462	25 962,696	11,661	11,191
6							56	37	91 309	2 065,488	23 736,234	11,492	11,022
7							57	38	90 581	1 914,974	21 670,746	11,316	10,847
8							58	39	89 807	1 774,394	19 755,772	11,134	10,664
9							59	40	88 950	1 642,493	17 981,378	10,948	10,478
10							60	41	88 034	1 519,224	16 338,885	10,755	10,285
11							61	42	87 028	1 403,614	14 819,661	10,558	10,089
12							62	43	85 968	1 295,814	13 416,047	10,353	9,884
13							63	44	84 822	1 194,890	12 120,233	10,143	9,674
14							64	45	83 613	1 100,807	10 925,342	9,925	9,455
15							65	46	82 300	1 012,634	9 824,535	9,702	9,232
16							66	47	80 891	930,191	8 811,902	9,473	9,004
17							67	48	79 405	853,362	7 881,711	9,236	8,767
18							68	49	77 829	781,705	7 028,349	8,991	8,522
19	0	99 268	27 448,315	403 868,994	14,714	14,244	69	50	76 140	714,710	6 246,644	8,740	8,271
20	1	98 896	25 556,609	376 420,679	14,729	14,259	70	51	74 320	651,987	5 531,933	8,485	8,015
21	2	98 809	23 863,625	350 864,070	14,703	14,233	71	52	72 386	593,478	4 879,946	8,223	7,753
22	3	98 737	22 286,283	327 000,445	14,673	14,203	72	53	70 320	538,827	4 286,468	7,955	7,486
23	4	98 667	20 813,598	304 714,162	14,640	14,171	73	54	68 067	487,441	3 747,641	7,688	7,219
24	5	98 601	19 438,918	283 900,564	14,605	14,135	74	55	65 675	439,543	3 260,200	7,417	6,948
25	6	98 536	18 155,104	264 461,646	14,567	14,097	75	56	63 077	394,536	2 820,657	7,149	6,680
26	7	98 469	16 955,971	246 306,542	14,526	14,057	76	57	60 342	352,737	2 426,121	6,878	6,408
27	8	98 401	15 835,701	229 350,571	14,483	14,014	77	58	57 439	313,802	2 073,384	6,607	6,138
28	9	98 333	14 789,435	213 514,870	14,437	13,967	78	59	54 335	277,427	1 759,583	6,343	5,873
29	10	98 265	13 812,459	198 725,435	14,387	13,918	79	60	51 067	243,683	1 482,156	6,082	5,613
30	11	98 194	12 899,496	184 912,976	14,335	13,865	80	61	47 711	212,774	1 238,473	5,821	5,351
31	12	98 121	12 046,639	172 013,479	14,279	13,809	81	62	44 219	184,297	1 025,700	5,565	5,096
32	13	98 041	11 249,333	159 966,840	14,220	13,751	82	63	40 651	158,346	841,403	5,314	4,844
33	14	97 958	10 504,513	148 717,507	14,157	13,688	83	64	37 055	134,895	683,057	5,064	4,594
34	15	97 875	9 808,958	138 212,994	14,090	13,621	84	65	33 467	113,862	548,162	4,814	4,345
35	16	97 783	9 158,602	128 404,036	14,020	13,551	85	66	29 878	95,000	434,300	4,572	4,102
36	17	97 682	8 550,658	119 245,434	13,946	13,476	86	67	26 290	78,123	339,299	4,343	3,874
37	18	97 576	7 982,578	110 694,776	13,867	13,398	87	68	22 780	63,264	261,176	4,128	3,659
38	19	97 458	7 451,357	102 712,198	13,784	13,315	88	69	19 356	50,239	197,912	3,939	3,470
39	20	97 332	6 954,891	95 260,841	13,697	13,227	89	70	16 256	39,433	147,673	3,745	3,275
40	21	97 198	6 490,899	88 305,950	13,605	13,135	90	71	13 422	30,429	108,240	3,557	3,088
41	22	97 044	6 056,680	81 815,051	13,508	13,039	91	72	10 994	23,294	77,811	3,340	2,871
42	23	96 878	5 650,742	75 758,371	13,407	12,937	92	73	8 722	17,271	54,517	3,157	2,687
43	24	96 700	5 271,352	70 107,629	13,300	12,830	93	74	6 709	12,415	37,247	3,000	2,531
44	25	96 492	4 915,905	64 836,277	13,189	12,720	94	75	5 038	8,714	24,831	2,850	2,380
45	26	96 265	4 583,505	59 920,372	13,073	12,604	95	76	3 680	5,949	16,118	2,709	2,240
46	27	96 007	4 272,182	55 336,867	12,953	12,483	96	77	2 611	3,944	10,169	2,578	2,109
47	28	95 718	3 980,668	51 064,685	12,828	12,359	97	78	1 795	2,534	6,225	2,456	1,987
48	29	95 397	3 707,779	47 084,017	12,699	12,229	98	79	1 194	1,575	3,691	2,343	1,873
49	30	95 034	3 452,019	43 376,238	12,565	12,096	99	80	767	0,946	2,115	2,236	1,766
							100	81	475	0,547	1,169	2,137	1,667

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	3 213,619	39 970,878	12,438	11,968
1							51	31	94 233	2 989,732	36 757,259	12,295	11,825
2							52	32	93 750	2 779,820	33 767,527	12,147	11,678
3							53	33	93 225	2 583,404	30 987,707	11,995	11,525
4							54	34	92 657	2 399,675	28 404,303	11,837	11,367
5							55	35	92 026	2 227,411	26 004,628	11,675	11,205
6							56	36	91 352	2 066,451	23 777,216	11,506	11,037
7							57	37	90 629	1 915,983	21 710,765	11,331	10,862
8							58	38	89 860	1 775,441	19 794,782	11,149	10,680
9							59	39	89 013	1 643,649	18 019,341	10,963	10,493
10							60	40	88 096	1 520,308	16 375,692	10,771	10,302
11							61	41	87 100	1 404,781	14 855,384	10,575	10,105
12							62	42	86 049	1 297,041	13 450,603	10,370	9,901
13							63	43	84 911	1 196,153	12 153,562	10,161	9,691
14							64	44	83 707	1 102,053	10 957,409	9,943	9,473
15							65	45	82 411	1 014,005	9 855,356	9,719	9,250
16							66	46	81 017	931,636	8 841,351	9,490	9,021
17							67	47	79 543	854,845	7 909,715	9,253	8,783
18							68	48	77 973	783,157	7 054,870	9,008	8,539
19							69	49	76 299	716,208	6 271,713	8,757	8,287
20	0	99 213	25 638,642	376 594,845	14,689	14,219	70	50	74 494	653,514	5 555,505	8,501	8,031
21	1	98 837	23 870,412	350 956,202	14,703	14,233	71	51	72 567	594,960	4 901,991	8,239	7,770
22	2	98 753	22 289,877	327 085,790	14,674	14,205	72	52	70 516	540,324	4 307,030	7,971	7,502
23	3	98 682	20 816,583	304 795,913	14,642	14,172	73	53	68 275	488,927	3 766,706	7,704	7,235
24	4	98 613	19 441,248	283 979,330	14,607	14,138	74	54	65 885	440,948	3 277,780	7,433	6,964
25	5	98 545	18 156,746	264 538,082	14,570	14,100	75	55	63 305	395,961	2 836,832	7,164	6,695
26	6	98 477	16 957,331	246 381,336	14,529	14,060	76	56	60 571	354,080	2 440,871	6,894	6,424
27	7	98 409	15 837,024	229 424,005	14,487	14,017	77	57	57 677	315,102	2 086,791	6,623	6,153
28	8	98 339	14 790,353	213 586,981	14,441	13,971	78	58	54 584	278,698	1 771,689	6,357	5,888
29	9	98 272	13 813,336	198 796,628	14,392	13,922	79	59	51 312	244,853	1 492,992	6,098	5,628
30	10	98 202	12 900,536	184 983,291	14,339	13,870	80	60	47 973	213,943	1 248,139	5,834	5,364
31	11	98 129	12 047,596	172 082,756	14,284	13,814	81	61	44 471	185,351	1 034,196	5,580	5,110
32	12	98 049	11 250,196	160 035,160	14,225	13,756	82	62	40 908	159,345	848,845	5,327	4,858
33	13	97 968	10 505,547	148 784,964	14,163	13,693	83	63	37 304	135,801	689,499	5,077	4,608
34	14	97 887	9 810,172	138 279,417	14,096	13,626	84	64	33 709	114,687	553,698	4,828	4,358
35	15	97 796	9 159,844	128 469,245	14,025	13,556	85	65	30 111	95,742	439,011	4,585	4,116
36	16	97 698	8 552,033	119 309,401	13,951	13,481	86	66	26 508	78,771	343,270	4,358	3,888
37	17	97 593	7 983,979	110 757,368	13,872	13,403	87	67	22 987	63,840	264,499	4,143	3,674
38	18	97 480	7 452,985	102 773,389	13,790	13,320	88	68	19 548	50,736	200,659	3,955	3,485
39	19	97 353	6 956,387	95 320,404	13,703	13,233	89	69	16 436	39,870	149,923	3,760	3,291
40	20	97 218	6 492,268	88 364,017	13,611	13,141	90	70	13 585	30,797	110,053	3,573	3,104
41	21	97 065	6 057,990	81 871,749	13,515	13,045	91	71	11 143	23,609	79,256	3,357	2,888
42	22	96 900	5 652,041	75 813,759	13,414	12,944	92	72	8 859	17,542	55,647	3,172	2,703
43	23	96 722	5 272,551	70 161,718	13,307	12,837	93	73	6 827	12,634	38,105	3,016	2,546
44	24	96 514	4 917,023	64 889,167	13,197	12,727	94	74	5 138	8,886	25,471	2,866	2,397
45	25	96 286	4 584,527	59 972,144	13,081	12,612	95	75	3 764	6,084	16,585	2,726	2,256
46	26	96 033	4 273,324	55 387,617	12,961	12,492	96	76	2 679	4,046	10,501	2,595	2,126
47	27	95 743	3 981,696	51 114,294	12,837	12,368	97	77	1 849	2,610	6,455	2,473	2,004
48	28	95 422	3 708,743	47 132,598	12,709	12,239	98	78	1 235	1,630	3,845	2,359	1,890
49	29	95 060	3 452,977	43 423,855	12,576	12,106	99	79	797	0,983	2,215	2,253	1,784
							100	80	496	0,572	1,232	2,154	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	3 214,511	40 013,475	12,448	11,978
1							51	30	94 259	2 990,552	36 798,964	12,305	11,836
2							52	31	93 781	2 780,727	33 808,411	12,158	11,689
3							53	32	93 257	2 584,299	31 027,685	12,006	11,537
4							54	33	92 690	2 400,544	28 443,386	11,849	11,379
5							55	34	92 063	2 228,316	26 042,842	11,687	11,218
6							56	35	91 391	2 067,332	23 814,526	11,519	11,050
7							57	36	90 671	1 916,877	21 747,194	11,345	10,876
8							58	37	89 907	1 776,377	19 830,317	11,163	10,694
9							59	38	89 065	1 644,618	18 053,940	10,978	10,508
10							60	39	88 158	1 521,378	16 409,322	10,786	10,316
11							61	40	87 162	1 405,783	14 887,944	10,590	10,121
12							62	41	86 121	1 298,120	13 482,161	10,386	9,916
13							63	42	84 992	1 197,285	12 184,041	10,176	9,707
14							64	43	83 796	1 103,218	10 986,756	9,959	9,489
15							65	44	82 504	1 015,153	9 883,538	9,736	9,266
16							66	45	81 127	932,898	8 868,385	9,506	9,037
17							67	46	79 666	856,173	7 935,487	9,269	8,799
18							68	47	78 109	784,518	7 079,314	9,024	8,554
19							69	48	76 441	717,538	6 294,796	8,773	8,303
20							70	49	74 650	654,884	5 577,258	8,516	8,047
21	0	99 154	23 947,034	351 116,979	14,662	14,193	71	50	72 736	596,354	4 922,374	8,254	7,785
22	1	98 781	22 296,216	327 169,945	14,674	14,204	72	51	70 692	541,673	4 326,020	7,986	7,517
23	2	98 698	20 819,939	304 873,729	14,643	14,174	73	52	68 464	490,285	3 784,347	7,719	7,249
24	3	98 627	19 444,036	284 053,789	14,609	14,139	74	53	66 086	442,292	3 294,062	7,448	6,978
25	4	98 556	18 158,923	264 609,754	14,572	14,102	75	54	63 507	397,226	2 851,770	7,179	6,710
26	5	98 486	16 958,865	246 450,831	14,532	14,063	76	55	60 790	355,358	2 454,543	6,907	6,438
27	6	98 417	15 838,294	229 491,966	14,490	14,020	77	56	57 897	316,302	2 099,185	6,637	6,167
28	7	98 347	14 791,589	213 653,672	14,444	13,975	78	57	54 810	279,852	1 782,884	6,371	5,901
29	8	98 278	13 814,194	198 862,083	14,395	13,926	79	58	51 548	245,974	1 503,031	6,111	5,641
30	9	98 208	12 901,355	185 047,888	14,343	13,874	80	59	48 204	214,971	1 257,057	5,848	5,378
31	10	98 137	12 048,566	172 146,534	14,288	13,818	81	60	44 716	186,370	1 042,087	5,591	5,122
32	11	98 056	11 251,089	160 097,967	14,230	13,760	82	61	41 142	160,257	855,717	5,340	4,870
33	12	97 975	10 506,352	148 846,878	14,167	13,698	83	62	37 540	136,659	695,460	5,089	4,620
34	13	97 897	9 811,138	138 340,526	14,100	13,631	84	63	33 936	115,457	558,801	4,840	4,370
35	14	97 808	9 160,978	128 529,388	14,030	13,561	85	64	30 329	96,436	443,345	4,597	4,128
36	15	97 711	8 553,192	119 368,411	13,956	13,486	86	65	26 714	79,385	346,909	4,370	3,900
37	16	97 609	7 985,263	110 815,218	13,877	13,408	87	66	23 177	64,369	267,524	4,156	3,687
38	17	97 497	7 454,293	102 829,955	13,795	13,325	88	67	19 725	51,198	203,155	3,968	3,498
39	18	97 375	6 957,907	95 375,662	13,708	13,238	89	68	16 599	40,265	151,957	3,774	3,304
40	19	97 239	6 493,665	88 417,755	13,616	13,146	90	69	13 735	31,138	111,692	3,587	3,117
41	20	97 086	6 059,268	81 924,090	13,520	13,051	91	70	11 278	23,894	80,554	3,371	2,902
42	21	96 921	5 653,263	75 864,822	13,420	12,950	92	71	8 979	17,779	56,659	3,187	2,717
43	22	96 744	5 273,763	70 211,559	13,313	12,844	93	72	6 934	12,833	38,880	3,030	2,560
44	23	96 536	4 918,142	64 937,796	13,204	12,734	94	73	5 228	9,042	26,047	2,881	2,411
45	24	96 308	4 585,569	60 019,654	13,089	12,619	95	74	3 838	6,204	17,005	2,741	2,271
46	25	96 054	4 274,276	55 434,085	12,969	12,500	96	75	2 740	4,139	10,801	2,610	2,140
47	26	95 768	3 982,760	51 159,809	12,845	12,376	97	76	1 897	2,678	6,662	2,488	2,018
48	27	95 447	3 709,700	47 177,049	12,717	12,248	98	77	1 272	1,678	3,984	2,374	1,905
49	28	95 085	3 453,874	43 467,349	12,585	12,116	99	78	825	1,017	2,306	2,268	1,798
							100	79	516	0,594	1,289	2,169	1,700



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	3 215,346	40 052,373	12,457	11,987
1							51	29	94 285	2 991,382	36 837,027	12,314	11,845
2							52	30	93 807	2 781,490	33 845,645	12,168	11,699
3							53	31	93 288	2 585,142	31 064,155	12,016	11,547
4							54	32	92 722	2 401,375	28 479,013	11,859	11,390
5							55	33	92 096	2 229,122	26 077,638	11,699	11,229
6							56	34	91 428	2 068,172	23 848,516	11,531	11,062
7							57	35	90 710	1 917,694	21 780,344	11,358	10,888
8							58	36	89 949	1 777,205	19 862,650	11,176	10,707
9							59	37	89 112	1 645,485	18 085,445	10,991	10,521
10							60	38	88 210	1 522,275	16 439,960	10,800	10,330
11							61	39	87 224	1 406,772	14 917,684	10,604	10,135
12							62	40	86 182	1 299,046	13 510,912	10,401	9,931
13							63	41	85 062	1 198,281	12 211,866	10,191	9,722
14							64	42	83 875	1 104,262	11 013,585	9,974	9,504
15							65	43	82 592	1 016,226	9 909,322	9,751	9,282
16							66	44	81 218	933,954	8 893,097	9,522	9,052
17							67	45	79 774	857,333	7 959,143	9,284	8,814
18							68	46	78 230	785,737	7 101,810	9,038	8,569
19							69	47	76 574	718,785	6 316,074	8,787	8,318
20							70	48	74 788	656,100	5 597,288	8,531	8,062
21							71	49	72 889	597,604	4 941,188	8,268	7,799
22	0	99 098	22 367,785	327 318,373	14,633	14,164	72	50	70 857	542,942	4 343,584	8,000	7,531
23	1	98 726	20 825,861	304 950,588	14,643	14,173	73	51	68 635	491,510	3 800,643	7,733	7,263
24	2	98 643	19 447,171	284 124,727	14,610	14,141	74	52	66 270	443,521	3 309,133	7,461	6,992
25	3	98 570	18 161,527	264 677,557	14,574	14,104	75	53	63 701	398,437	2 865,612	7,192	6,723
26	4	98 498	16 960,898	246 516,030	14,534	14,065	76	54	60 984	356,494	2 467,175	6,921	6,451
27	5	98 426	15 839,727	229 555,132	14,492	14,023	77	55	58 106	317,444	2 110,681	6,649	6,179
28	6	98 355	14 792,775	213 715,405	14,447	13,978	78	56	55 019	280,918	1 793,237	6,383	5,914
29	7	98 286	13 815,349	198 922,630	14,399	13,929	79	57	51 761	246,993	1 512,319	6,123	5,653
30	8	98 215	12 902,156	185 107,281	14,347	13,877	80	58	48 425	215,955	1 265,326	5,859	5,390
31	9	98 143	12 049,331	172 205,125	14,292	13,822	81	59	44 931	187,265	1 049,371	5,604	5,134
32	10	98 064	11 251,996	160 155,794	14,234	13,764	82	60	41 368	161,138	862,106	5,350	4,881
33	11	97 983	10 507,187	148 903,798	14,172	13,702	83	61	37 754	137,440	700,969	5,100	4,631
34	12	97 904	9 811,890	138 396,612	14,105	13,635	84	62	34 150	116,186	563,528	4,850	4,381
35	13	97 818	9 161,879	128 584,722	14,035	13,565	85	63	30 533	97,083	447,343	4,608	4,138
36	14	97 723	8 554,251	119 422,843	13,961	13,491	86	64	26 908	79,961	350,260	4,380	3,911
37	15	97 622	7 986,346	110 868,592	13,882	13,413	87	65	23 358	64,871	270,299	4,167	3,697
38	16	97 512	7 455,492	102 882,246	13,800	13,330	88	66	19 889	51,623	205,428	3,979	3,510
39	17	97 392	6 959,129	95 426,754	13,712	13,243	89	67	16 750	40,631	153,805	3,785	3,316
40	18	97 260	6 495,084	88 467,625	13,621	13,151	90	68	13 871	31,446	113,174	3,599	3,129
41	19	97 107	6 060,572	81 972,542	13,526	13,056	91	69	11 403	24,159	81,728	3,383	2,913
42	20	96 941	5 654,456	75 911,970	13,425	12,956	92	70	9 087	17,994	57,568	3,199	2,730
43	21	96 765	5 274,903	70 257,514	13,319	12,850	93	71	7 028	13,006	39,574	3,043	2,573
44	22	96 558	4 919,272	64 982,611	13,210	12,740	94	72	5 310	9,185	26,568	2,893	2,423
45	23	96 330	4 586,612	60 063,339	13,095	12,626	95	73	3 906	6,313	17,383	2,753	2,284
46	24	96 076	4 275,248	55 476,727	12,976	12,507	96	74	2 794	4,220	11,070	2,623	2,154
47	25	95 790	3 983,648	51 201,479	12,853	12,383	97	75	1 940	2,739	6,850	2,501	2,031
48	26	95 472	3 710,692	47 217,831	12,725	12,255	98	76	1 305	1,722	4,111	2,387	1,918
49	27	95 109	3 454,766	43 507,139	12,593	12,124	99	77	849	1,047	2,389	2,281	1,812
							100	78	533	0,615	1,342	2,183	1,713

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	3 216,176	40 087,953	12,464	11,995
1							51	28	94 310	2 992,159	36 871,777	12,323	11,853
2							52	29	93 833	2 782,262	33 879,618	12,177	11,707
3							53	30	93 313	2 585,851	31 097,356	12,026	11,556
4							54	31	92 753	2 402,159	28 511,505	11,869	11,400
5							55	32	92 128	2 229,895	26 109,346	11,709	11,239
6							56	33	91 461	2 068,920	23 879,452	11,542	11,072
7							57	34	90 747	1 918,472	21 810,531	11,369	10,899
8							58	35	89 987	1 777,963	19 892,059	11,188	10,719
9							59	36	89 154	1 646,253	18 114,096	11,003	10,534
10							60	37	88 257	1 523,078	16 467,843	10,812	10,343
11							61	38	87 275	1 407,602	14 944,765	10,617	10,148
12							62	39	86 243	1 299,960	13 537,163	10,414	9,944
13							63	40	85 123	1 199,136	12 237,203	10,205	9,736
14							64	41	83 945	1 105,181	11 038,067	9,988	9,518
15							65	42	82 670	1 017,188	9 932,886	9,765	9,296
16							66	43	81 304	934,941	8 915,698	9,536	9,067
17							67	44	79 865	858,303	7 980,758	9,298	8,829
18							68	45	78 336	786,801	7 122,454	9,052	8,583
19							69	46	76 693	719,902	6 335,654	8,801	8,331
20							70	47	74 918	657,240	5 615,752	8,544	8,075
21							71	48	73 024	598,713	4 958,511	8,282	7,812
22							72	49	71 006	544,080	4 359,798	8,013	7,544
23	0	99 043	20 892,710	305 087,623	14,603	14,133	73	50	68 796	492,661	3 815,718	7,745	7,276
24	1	98 671	19 452,702	284 194,913	14,610	14,140	74	51	66 435	444,629	3 323,057	7,474	7,004
25	2	98 586	18 164,455	264 742,212	14,575	14,105	75	52	63 878	399,544	2 878,429	7,204	6,735
26	3	98 512	16 963,330	246 577,756	14,536	14,066	76	53	61 170	357,581	2 478,885	6,932	6,463
27	4	98 438	15 841,625	229 614,427	14,494	14,025	77	54	58 291	318,458	2 121,304	6,661	6,192
28	5	98 364	14 794,114	213 772,801	14,450	13,980	78	55	55 218	281,932	1 802,846	6,395	5,925
29	6	98 294	13 816,456	198 978,688	14,402	13,932	79	56	51 958	247,934	1 520,913	6,134	5,665
30	7	98 223	12 903,234	185 162,231	14,350	13,881	80	57	48 625	216,850	1 272,980	5,870	5,401
31	8	98 149	12 050,080	172 258,997	14,295	13,826	81	58	45 136	188,122	1 056,130	5,614	5,145
32	9	98 070	11 252,710	160 208,917	14,237	13,768	82	59	41 567	161,911	868,007	5,361	4,891
33	10	97 991	10 508,033	148 956,207	14,175	13,706	83	60	37 962	138,196	706,096	5,109	4,640
34	11	97 912	9 812,669	138 448,174	14,109	13,640	84	61	34 345	116,850	567,900	4,860	4,391
35	12	97 825	9 162,581	128 635,505	14,039	13,570	85	62	30 725	97,696	451,050	4,617	4,147
36	13	97 733	8 555,093	119 472,924	13,965	13,496	86	63	27 089	80,497	353,354	4,390	3,920
37	14	97 634	7 987,335	110 917,831	13,887	13,417	87	64	23 528	65,341	272,857	4,176	3,706
38	15	97 526	7 456,503	102 930,496	13,804	13,335	88	65	20 044	52,025	207,515	3,989	3,519
39	16	97 407	6 960,248	95 473,994	13,717	13,248	89	66	16 889	40,968	155,490	3,795	3,326
40	17	97 277	6 496,224	88 513,746	13,625	13,156	90	67	13 997	31,733	114,522	3,609	3,139
41	18	97 128	6 061,896	82 017,522	13,530	13,060	91	68	11 515	24,398	82,789	3,393	2,924
42	19	96 962	5 655,672	75 955,626	13,430	12,960	92	69	9 188	18,194	58,391	3,209	2,740
43	20	96 785	5 276,016	70 299,954	13,324	12,855	93	70	7 113	13,164	40,197	3,054	2,584
44	21	96 579	4 920,335	65 023,938	13,215	12,746	94	71	5 382	9,309	27,034	2,904	2,435
45	22	96 352	4 587,667	60 103,602	13,101	12,632	95	72	3 967	6,413	17,725	2,764	2,295
46	23	96 098	4 276,221	55 515,936	12,982	12,513	96	73	2 843	4,295	11,312	2,634	2,165
47	24	95 811	3 984,553	51 239,715	12,860	12,390	97	74	1 978	2,793	7,018	2,513	2,043
48	25	95 493	3 711,519	47 255,161	12,732	12,263	98	75	1 335	1,761	4,225	2,399	1,929
49	26	95 135	3 455,689	43 543,643	12,601	12,131	99	76	871	1,074	2,464	2,293	1,824
							100	77	549	0,633	1,389	2,194	1,725

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	3 217,036	40 120,591	12,471	12,002
1							51	27	94 334	2 992,932	36 903,555	12,330	11,861
2							52	28	93 857	2 782,985	33 910,624	12,185	11,715
3							53	29	93 339	2 586,569	31 127,639	12,034	11,565
4							54	30	92 778	2 402,818	28 541,070	11,878	11,409
5							55	31	92 158	2 230,622	26 138,252	11,718	11,248
6							56	32	91 493	2 069,637	23 907,630	11,552	11,082
7							57	33	90 780	1 919,167	21 837,993	11,379	10,909
8							58	34	90 024	1 778,685	19 918,826	11,199	10,729
9							59	35	89 192	1 646,955	18 140,141	11,014	10,545
10							60	36	88 298	1 523,788	16 493,187	10,824	10,354
11							61	37	87 321	1 408,344	14 969,399	10,629	10,160
12							62	38	86 294	1 300,727	13 561,055	10,426	9,956
13							63	39	85 183	1 199,980	12 260,328	10,217	9,748
14							64	40	84 005	1 105,969	11 060,348	10,001	9,531
15							65	41	82 739	1 018,034	9 954,379	9,778	9,309
16							66	42	81 381	935,826	8 936,345	9,549	9,080
17							67	43	79 949	859,210	8 000,519	9,311	8,842
18							68	44	78 425	787,692	7 141,309	9,066	8,597
19							69	45	76 797	720,877	6 353,617	8,814	8,344
20							70	46	75 035	658,261	5 632,740	8,557	8,087
21							71	47	73 151	599,754	4 974,479	8,294	7,825
22							72	48	71 138	545,090	4 374,725	8,026	7,556
23							73	49	68 940	493,693	3 829,635	7,757	7,288
24	0	98 988	19 515,143	284 321,436	14,569	14,100	74	50	66 591	445,670	3 335,941	7,485	7,016
25	1	98 614	18 169,621	264 806,293	14,574	14,105	75	51	64 037	400,542	2 890,271	7,216	6,746
26	2	98 528	16 966,065	246 636,672	14,537	14,068	76	52	61 340	358,574	2 489,730	6,943	6,474
27	3	98 452	15 843,897	229 670,607	14,496	14,026	77	53	58 469	319,429	2 131,155	6,672	6,202
28	4	98 375	14 795,887	213 826,709	14,452	13,982	78	54	55 394	282,833	1 811,726	6,406	5,936
29	5	98 303	13 817,706	199 030,823	14,404	13,935	79	55	52 146	248,829	1 528,893	6,144	5,675
30	6	98 231	12 904,269	185 213,116	14,353	13,883	80	56	48 810	217,676	1 280,064	5,881	5,411
31	7	98 157	12 051,086	172 308,848	14,298	13,829	81	57	45 323	188,902	1 062,388	5,624	5,155
32	8	98 077	11 253,409	160 257,761	14,241	13,771	82	58	41 757	162,653	873,486	5,370	4,901
33	9	97 997	10 508,700	149 004,352	14,179	13,710	83	59	38 144	138,859	710,833	5,119	4,650
34	10	97 920	9 813,460	138 495,652	14,113	13,643	84	60	34 534	117,493	571,974	4,868	4,399
35	11	97 833	9 163,309	128 682,192	14,043	13,574	85	61	30 901	98,255	454,482	4,626	4,156
36	12	97 740	8 555,749	119 518,883	13,969	13,500	86	62	27 260	81,006	356,227	4,398	3,928
37	13	97 644	7 988,120	110 963,134	13,891	13,422	87	63	23 685	65,780	275,221	4,184	3,714
38	14	97 538	7 457,426	102 975,014	13,808	13,339	88	64	20 189	52,402	209,441	3,997	3,527
39	15	97 421	6 961,191	95 517,588	13,721	13,252	89	65	17 021	41,288	157,039	3,804	3,334
40	16	97 293	6 497,269	88 556,397	13,630	13,160	90	66	14 113	31,996	115,751	3,618	3,148
41	17	97 145	6 062,960	82 059,128	13,534	13,065	91	67	11 620	24,620	83,756	3,402	2,932
42	18	96 983	5 656,908	75 996,168	13,434	12,965	92	68	9 279	18,374	59,135	3,218	2,749
43	19	96 806	5 277,151	70 339,260	13,329	12,860	93	69	7 192	13,310	40,762	3,063	2,593
44	20	96 599	4 921,374	65 062,109	13,220	12,751	94	70	5 447	9,421	27,452	2,914	2,444
45	21	96 373	4 588,658	60 140,735	13,106	12,637	95	71	4 021	6,499	18,031	2,774	2,305
46	22	96 120	4 277,204	55 552,077	12,988	12,518	96	72	2 888	4,362	11,531	2,644	2,174
47	23	95 833	3 985,460	51 274,873	12,865	12,396	97	73	2 013	2,842	7,169	2,522	2,053
48	24	95 515	3 712,363	47 289,413	12,738	12,269	98	74	1 361	1,796	4,327	2,409	1,940
49	25	95 156	3 456,460	43 577,051	12,607	12,138	99	75	891	1,099	2,531	2,303	1,834
							100	76	564	0,650	1,432	2,205	1,735

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 7,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	3 217,753	40 150,455	12,478	12,008
1							51	26	94 359	2 993,732	36 932,702	12,337	11,867
2							52	27	93 881	2 783,703	33 938,971	12,192	11,723
3							53	28	93 363	2 587,241	31 155,267	12,042	11,572
4							54	29	92 804	2 403,485	28 568,027	11,886	11,417
5							55	30	92 183	2 231,234	26 164,542	11,726	11,257
6							56	31	91 522	2 070,312	23 933,308	11,560	11,091
7							57	32	90 811	1 919,832	21 862,996	11,388	10,918
8							58	33	90 057	1 779,329	19 943,164	11,208	10,739
9							59	34	89 228	1 647,623	18 163,835	11,024	10,555
10							60	35	88 336	1 524,438	16 516,212	10,834	10,365
11							61	36	87 362	1 409,001	14 991,774	10,640	10,170
12							62	37	86 339	1 301,412	13 582,773	10,437	9,967
13							63	38	85 233	1 200,688	12 281,361	10,229	9,759
14							64	39	84 064	1 106,747	11 080,673	10,012	9,542
15							65	40	82 798	1 018,760	9 973,926	9,790	9,321
16							66	41	81 449	936,604	8 955,166	9,561	9,092
17							67	42	80 025	860,024	8 018,561	9,324	8,854
18							68	43	78 508	788,524	7 158,538	9,078	8,609
19							69	44	76 884	721,693	6 370,014	8,826	8,357
20							70	45	75 136	659,153	5 648,321	8,569	8,100
21							71	46	73 265	600,686	4 989,168	8,306	7,836
22							72	47	71 261	546,038	4 388,482	8,037	7,567
23							73	48	69 068	494,610	3 842,444	7,769	7,299
24							74	49	66 730	446,604	3 347,835	7,496	7,027
25	0	98 931	18 227,944	264 923,113	14,534	14,064	75	50	64 187	401,480	2 901,230	7,226	6,757
26	1	98 556	16 970,891	246 695,170	14,536	14,067	76	51	61 494	359,470	2 499,750	6,954	6,484
27	2	98 468	15 846,452	229 724,279	14,497	14,027	77	52	58 631	320,317	2 140,281	6,682	6,212
28	3	98 390	14 798,009	213 877,827	14,453	13,984	78	53	55 563	283,696	1 819,964	6,415	5,946
29	4	98 314	13 819,363	199 079,818	14,406	13,936	79	54	52 312	249,624	1 536,269	6,154	5,685
30	5	98 239	12 905,436	185 260,456	14,355	13,886	80	55	48 987	218,462	1 286,644	5,890	5,420
31	6	98 165	12 052,053	172 355,020	14,301	13,831	81	56	45 496	189,621	1 068,183	5,633	5,164
32	7	98 085	11 254,349	160 302,967	14,244	13,774	82	57	41 930	163,327	878,562	5,379	4,910
33	8	98 003	10 509,353	149 048,618	14,182	13,713	83	58	38 319	139,495	715,235	5,127	4,658
34	9	97 926	9 814,083	138 539,264	14,116	13,647	84	59	34 700	118,057	575,740	4,877	4,407
35	10	97 841	9 164,047	128 725,182	14,047	13,577	85	60	31 071	98,795	457,683	4,633	4,163
36	11	97 748	8 556,428	119 561,134	13,973	13,504	86	61	27 416	81,469	358,888	4,405	3,936
37	12	97 651	7 988,733	111 004,706	13,895	13,426	87	62	23 835	66,195	277,419	4,191	3,721
38	13	97 547	7 458,160	103 015,974	13,813	13,343	88	63	20 325	52,754	211,224	4,004	3,534
39	14	97 433	6 962,053	95 557,814	13,726	13,256	89	64	17 144	41,587	158,470	3,811	3,341
40	15	97 306	6 498,149	88 595,761	13,634	13,164	90	65	14 224	32,245	116,883	3,625	3,155
41	16	97 160	6 063,935	82 097,611	13,539	13,069	91	66	11 717	24,824	84,637	3,409	2,940
42	17	97 001	5 657,901	76 033,677	13,438	12,969	92	67	9 364	18,541	59,813	3,226	2,756
43	18	96 827	5 278,304	70 375,776	13,333	12,864	93	68	7 263	13,441	41,272	3,071	2,601
44	19	96 620	4 922,432	65 097,471	13,225	12,755	94	69	5 508	9,526	27,831	2,922	2,452
45	20	96 393	4 589,627	60 175,039	13,111	12,642	95	70	4 070	6,578	18,305	2,783	2,313
46	21	96 141	4 278,128	55 585,412	12,993	12,523	96	71	2 927	4,421	11,727	2,653	2,183
47	22	95 855	3 986,376	51 307,284	12,871	12,401	97	72	2 045	2,887	7,306	2,531	2,061
48	23	95 537	3 713,207	47 320,908	12,744	12,274	98	73	1 385	1,828	4,419	2,418	1,948
49	24	95 178	3 457,246	43 607,700	12,613	12,144	99	74	909	1,121	2,591	2,313	1,843
							100	75	576	0,664	1,471	2,214	1,745

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 450 395,731	14,504	14,034	50	50	93 003	2 809,522	32 642,652	11,619	11,149
1	1	99 275	92 564,240	1 350 395,731	14,589	14,119	51	51	92 389	2 602,316	29 833,131	11,464	10,994
2	2	99 212	86 251,733	1 257 831,492	14,583	14,113	52	52	91 717	2 408,738	27 230,815	11,305	10,835
3	3	99 177	80 392,754	1 171 579,759	14,573	14,103	53	53	90 982	2 227,907	24 822,077	11,141	10,672
4	4	99 147	74 936,214	1 091 187,005	14,562	14,092	54	54	90 185	2 059,107	22 594,170	10,973	10,503
5	5	99 121	69 852,155	1 016 250,791	14,549	14,079	55	55	89 321	1 901,532	20 535,064	10,799	10,329
6	6	99 101	65 116,788	946 398,636	14,534	14,064	56	56	88 386	1 754,425	18 633,531	10,621	10,151
7	7	99 082	60 703,686	881 281,848	14,518	14,048	57	57	87 395	1 617,484	16 879,106	10,435	9,966
8	8	99 064	56 589,971	820 578,162	14,500	14,031	58	58	86 341	1 489,958	15 261,623	10,243	9,773
9	9	99 049	52 756,192	763 988,191	14,481	14,012	59	59	85 187	1 370,676	13 771,665	10,047	9,577
10	10	99 034	49 182,577	711 231,999	14,461	13,991	60	60	83 967	1 259,706	12 400,989	9,844	9,374
11	11	99 017	45 850,087	662 049,422	14,439	13,970	61	61	82 622	1 155,743	11 141,283	9,640	9,170
12	12	99 000	42 743,112	616 199,336	14,416	13,946	62	62	81 229	1 059,443	9 985,541	9,425	8,955
13	13	98 982	39 846,495	573 456,224	14,392	13,922	63	63	79 727	969,559	8 926,098	9,206	8,736
14	14	98 963	37 146,002	533 609,729	14,365	13,895	64	64	78 155	886,195	7 956,539	8,978	8,508
15	15	98 935	34 624,968	496 463,727	14,338	13,868	65	65	76 477	808,553	7 070,343	8,744	8,275
16	16	98 902	32 273,529	461 838,758	14,310	13,840	66	66	74 702	736,399	6 261,790	8,503	8,033
17	17	98 856	30 078,109	429 565,230	14,282	13,812	67	67	72 853	669,623	5 525,391	8,251	7,782
18	18	98 805	28 030,360	399 487,121	14,252	13,782	68	68	70 895	607,572	4 855,768	7,992	7,522
19	19	98 729	26 115,303	371 456,761	14,224	13,754	69	69	68 821	549,927	4 248,196	7,725	7,255
20	20	98 654	24 331,421	345 341,458	14,193	13,723	70	70	66 595	496,166	3 698,269	7,454	6,984
21	21	98 574	22 668,303	321 010,037	14,161	13,691	71	71	64 247	446,316	3 202,103	7,175	6,705
22	22	98 497	21 119,462	298 341,734	14,126	13,656	72	72	61 752	399,986	2 755,787	6,890	6,420
23	23	98 419	19 676,204	277 222,272	14,089	13,619	73	73	59 028	356,494	2 355,801	6,608	6,138
24	24	98 342	18 331,836	257 546,068	14,049	13,579	74	74	56 145	316,162	1 999,307	6,324	5,854
25	25	98 263	17 078,890	239 214,232	14,006	13,537	75	75	53 072	278,658	1 683,145	6,040	5,570
26	26	98 183	15 911,389	222 135,342	13,961	13,491	76	76	49 829	243,942	1 404,487	5,757	5,288
27	27	98 097	14 822,772	206 223,953	13,913	13,443	77	77	46 421	211,896	1 160,545	5,477	5,007
28	28	98 010	13 808,453	191 401,181	13,861	13,391	78	78	42 837	182,317	948,648	5,203	4,733
29	29	97 924	12 863,694	177 592,728	13,806	13,336	79	79	39 108	155,196	766,331	4,938	4,468
30	30	97 833	11 983,080	164 729,034	13,747	13,277	80	80	35 359	130,834	611,135	4,671	4,201
31	31	97 742	11 162,548	152 745,954	13,684	13,214	81	81	31 529	108,774	480,301	4,416	3,946
32	32	97 637	10 396,865	141 583,406	13,618	13,148	82	82	27 725	89,184	371,527	4,166	3,696
33	33	97 531	9 683,454	131 186,541	13,547	13,078	83	83	23 995	71,969	282,343	3,923	3,453
34	34	97 425	9 019,040	121 503,087	13,472	13,002	84	84	20 410	57,079	210,375	3,686	3,216
35	35	97 306	8 399,157	112 484,046	13,392	12,922	85	85	17 005	44,341	153,296	3,457	2,987
36	36	97 181	7 821,269	104 084,889	13,308	12,838	86	86	13 800	33,551	108,955	3,247	2,777
37	37	97 047	7 282,509	96 263,620	13,218	12,749	87	87	10 900	24,710	75,403	3,052	2,582
38	38	96 900	6 779,939	88 981,111	13,124	12,654	88	88	8 281	17,503	50,694	2,896	2,426
39	39	96 738	6 311,092	82 201,172	13,025	12,555	89	89	6 150	12,120	33,190	2,739	2,269
40	40	96 557	5 873,427	75 890,080	12,921	12,451	90	90	4 421	8,124	21,070	2,594	2,124
41	41	96 357	5 465,024	70 016,652	12,812	12,342	91	91	3 126	5,356	12,947	2,417	1,947
42	42	96 134	5 083,797	64 551,628	12,698	12,228	92	92	2 083	3,327	7,591	2,281	1,811
43	43	95 888	4 728,016	59 467,831	12,578	12,108	93	93	1 322	1,970	4,263	2,165	1,695
44	44	95 602	4 395,285	54 739,815	12,454	11,984	94	94	803	1,115	2,294	2,056	1,587
45	45	95 291	4 084,822	50 344,530	12,325	11,855	95	95	465	0,602	1,178	1,958	1,488
46	46	94 933	3 794,372	46 259,708	12,192	11,722	96	96	256	0,309	0,577	1,868	1,398
47	47	94 524	3 522,659	42 465,337	12,055	11,585	97	97	133	0,150	0,268	1,787	1,317
48	48	94 068	3 268,688	38 942,678	11,914	11,444	98	98	66	0,069	0,118	1,712	1,242
49	49	93 563	3 031,338	35 673,990	11,768	11,299	99	99	30	0,030	0,049	1,645	1,175
							100	100	13	0,012	0,019	1,583	1,113

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 449 578,951	14,542	14,072	50	51	92 786	2 802,958	32 409,518	11,563	11,093
1	2	99 247	92 537,921	1 349 898,913	14,588	14,118	51	52	92 159	2 595,834	29 606,560	11,405	10,936
2	3	99 196	86 237,828	1 257 360,992	14,580	14,110	52	53	91 463	2 402,064	27 010,726	11,245	10,775
3	4	99 162	80 381,226	1 171 123,165	14,570	14,100	53	54	90 705	2 221,136	24 608,662	11,079	10,609
4	5	99 135	74 927,233	1 090 741,938	14,557	14,087	54	55	89 897	2 052,546	22 387,527	10,907	10,437
5	6	99 112	69 845,837	1 015 814,705	14,544	14,074	55	56	89 000	1 894,691	20 334,981	10,733	10,263
6	7	99 093	65 111,567	945 968,868	14,528	14,059	56	57	88 051	1 747,771	18 440,289	10,551	10,081
7	8	99 074	60 698,614	880 857,301	14,512	14,042	57	58	87 034	1 610,809	16 692,519	10,363	9,893
8	9	99 058	56 586,456	820 158,687	14,494	14,024	58	59	85 947	1 483,165	15 081,709	10,169	9,699
9	10	99 042	52 752,843	763 572,231	14,475	14,005	59	60	84 780	1 364,126	13 598,545	9,969	9,499
10	11	99 026	49 178,615	710 819,389	14,454	13,984	60	61	83 508	1 252,818	12 234,418	9,766	9,296
11	12	99 009	45 846,445	661 640,773	14,432	13,962	61	62	82 152	1 149,172	10 981,601	9,556	9,086
12	13	98 992	42 739,835	615 794,328	14,408	13,938	62	63	80 719	1 052,795	9 832,429	9,339	8,869
13	14	98 972	39 842,575	573 054,493	14,383	13,913	63	64	79 195	963,093	8 779,634	9,116	8,646
14	15	98 951	37 141,404	533 211,918	14,356	13,886	64	65	77 593	879,818	7 816,541	8,884	8,414
15	16	98 921	34 620,274	496 070,514	14,329	13,859	65	66	75 885	802,293	6 936,722	8,646	8,176
16	17	98 886	32 268,340	461 450,240	14,300	13,831	66	67	74 088	730,346	6 134,429	8,399	7,929
17	18	98 839	30 072,829	429 181,899	14,271	13,802	67	68	72 196	663,584	5 404,083	8,144	7,674
18	19	98 784	28 024,237	399 109,070	14,242	13,772	68	69	70 200	601,620	4 740,500	7,880	7,410
19	20	98 708	26 109,687	371 084,834	14,213	13,743	69	70	68 066	543,896	4 138,879	7,610	7,140
20	21	98 633	24 326,288	344 975,146	14,181	13,711	70	71	65 799	490,238	3 594,984	7,333	6,863
21	22	98 553	22 663,403	320 648,859	14,148	13,678	71	72	63 389	440,361	3 104,745	7,050	6,581
22	23	98 474	21 114,609	297 985,455	14,113	13,643	72	73	60 796	393,796	2 664,385	6,766	6,296
23	24	98 397	19 671,728	276 870,846	14,075	13,605	73	74	58 004	350,314	2 270,589	6,482	6,012
24	25	98 320	18 327,668	257 199,118	14,033	13,563	74	75	55 060	310,052	1 920,275	6,193	5,723
25	26	98 242	17 075,084	238 871,450	13,989	13,520	75	76	51 890	272,449	1 610,222	5,910	5,440
26	27	98 157	15 907,138	221 796,366	13,943	13,473	76	77	48 566	237,759	1 337,773	5,627	5,157
27	28	98 072	14 818,946	205 889,228	13,894	13,424	77	78	45 077	205,761	1 100,014	5,346	4,876
28	29	97 984	13 804,867	191 070,282	13,841	13,371	78	79	41 412	176,254	894,253	5,074	4,604
29	30	97 896	12 860,126	177 265,416	13,784	13,314	79	80	37 640	149,368	717,999	4,807	4,337
30	31	97 807	11 979,791	164 405,289	13,724	13,254	80	81	33 826	125,159	568,631	4,543	4,073
31	32	97 710	11 158,909	152 425,498	13,660	13,190	81	82	29 968	103,390	443,472	4,289	3,819
32	33	97 604	10 393,264	141 266,589	13,592	13,122	82	83	26 148	84,112	340,082	4,043	3,573
33	34	97 495	9 679,951	130 873,326	13,520	13,050	83	84	22 436	67,294	255,970	3,804	3,334
34	35	97 385	9 015,380	121 193,375	13,443	12,973	84	85	18 900	52,856	188,676	3,570	3,100
35	36	97 265	8 395,578	112 177,994	13,362	12,892	85	86	15 555	40,559	135,820	3,349	2,879
36	37	97 135	7 817,622	103 782,416	13,275	12,806	86	87	12 466	30,309	95,261	3,143	2,673
37	38	96 996	7 278,673	95 964,794	13,184	12,714	87	88	9 650	21,876	64,952	2,969	2,499
38	39	96 843	6 775,942	88 686,121	13,088	12,618	88	89	7 242	15,307	43,076	2,814	2,344
39	40	96 670	6 306,654	81 910,179	12,988	12,518	89	90	5 290	10,426	27,769	2,663	2,194
40	41	96 488	5 869,241	75 603,525	12,881	12,411	90	91	3 766	6,920	17,343	2,506	2,036
41	42	96 277	5 460,483	69 734,285	12,771	12,301	91	92	2 585	4,429	10,423	2,353	1,884
42	43	96 043	5 078,988	64 273,801	12,655	12,185	92	93	1 689	2,699	5,994	2,221	1,751
43	44	95 786	4 723,026	59 194,814	12,533	12,063	93	94	1 049	1,562	3,296	2,110	1,640
44	45	95 494	4 390,314	54 471,788	12,407	11,937	94	95	622	0,864	1,734	2,007	1,537
45	46	95 162	4 079,297	50 081,474	12,277	11,807	95	96	351	0,455	0,870	1,912	1,443
46	47	94 785	3 788,487	46 002,177	12,143	11,673	96	97	188	0,227	0,415	1,827	1,357
47	48	94 360	3 516,546	42 213,690	12,004	11,534	97	98	95	0,107	0,188	1,749	1,279
48	49	93 894	3 262,631	38 697,145	11,861	11,391	98	99	46	0,048	0,080	1,678	1,208
49	50	93 367	3 024,996	35 434,513	11,714	11,244	99	100	21	0,020	0,032	1,614	1,144

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 449 036,815	14,541	14,071	50	52	92 555	2 795,976	32 157,576	11,501	11,031
1	3	99 231	92 523,002	1 349 385,119	14,584	14,114	51	53	91 904	2 588,641	29 361,600	11,342	10,873
2	4	99 181	86 225,462	1 256 862,117	14,576	14,107	52	54	91 185	2 394,763	26 772,959	11,180	10,710
3	5	99 150	80 371,593	1 170 636,655	14,565	14,095	53	55	90 416	2 214,059	24 378,196	11,011	10,541
4	6	99 126	74 920,455	1 090 265,062	14,552	14,082	54	56	89 574	2 045,162	22 164,137	10,837	10,367
5	7	99 104	69 840,237	1 015 344,606	14,538	14,068	55	57	88 662	1 887,505	20 118,975	10,659	10,189
6	8	99 084	65 106,127	945 504,370	14,523	14,053	56	58	87 687	1 740,559	18 231,470	10,474	10,005
7	9	99 068	60 694,844	880 398,242	14,505	14,035	57	59	86 637	1 603,465	16 490,911	10,285	9,815
8	10	99 052	56 582,864	819 703,398	14,487	14,017	58	60	85 537	1 476,078	14 887,446	10,086	9,616
9	11	99 035	52 748,593	763 120,535	14,467	13,997	59	61	84 317	1 356,667	13 411,369	9,886	9,416
10	12	99 018	49 174,709	710 371,942	14,446	13,976	60	62	83 033	1 245,695	12 054,701	9,677	9,207
11	13	99 002	45 842,931	661 197,232	14,423	13,953	61	63	81 637	1 141,961	10 809,007	9,465	8,995
12	14	98 982	42 735,631	615 354,302	14,399	13,929	62	64	80 181	1 045,774	9 667,046	9,244	8,774
13	15	98 960	39 837,643	572 618,671	14,374	13,904	63	65	78 625	956,163	8 621,271	9,017	8,547
14	16	98 938	37 136,369	532 781,027	14,347	13,877	64	66	76 992	873,006	7 665,108	8,780	8,310
15	17	98 905	34 614,709	495 644,659	14,319	13,849	65	67	75 262	795,698	6 792,102	8,536	8,066
16	18	98 868	32 262,676	461 029,950	14,290	13,820	66	68	73 420	723,759	5 996,404	8,285	7,815
17	19	98 817	30 066,260	428 767,274	14,261	13,791	67	69	71 489	657,084	5 272,645	8,024	7,554
18	20	98 762	28 018,210	398 701,014	14,230	13,760	68	70	69 430	595,022	4 615,561	7,757	7,287
19	21	98 687	26 104,178	370 682,804	14,200	13,730	69	71	67 253	537,397	4 020,539	7,482	7,012
20	22	98 612	24 321,029	344 578,626	14,168	13,698	70	72	64 921	483,697	3 483,142	7,201	6,731
21	23	98 530	22 658,196	320 257,596	14,134	13,664	71	73	62 408	433,546	2 999,445	6,918	6,449
22	24	98 452	21 109,806	297 599,401	14,098	13,628	72	74	59 742	386,969	2 565,899	6,631	6,161
23	25	98 374	19 667,256	276 489,594	14,058	13,588	73	75	56 883	343,545	2 178,930	6,342	5,873
24	26	98 298	18 323,584	256 822,338	14,016	13,546	74	76	53 833	303,144	1 835,385	6,054	5,585
25	27	98 215	17 070,522	238 498,754	13,971	13,501	75	77	50 575	265,543	1 532,241	5,770	5,300
26	28	98 132	15 903,032	221 428,232	13,924	13,454	76	78	47 160	230,875	1 266,698	5,487	5,017
27	29	98 046	14 815,097	205 525,201	13,873	13,403	77	79	43 578	198,918	1 035,823	5,207	4,737
28	30	97 957	13 801,038	190 710,104	13,819	13,349	78	80	39 857	169,635	836,905	4,934	4,464
29	31	97 870	12 856,597	176 909,066	13,760	13,290	79	81	36 007	142,890	667,270	4,670	4,200
30	32	97 775	11 975,885	164 052,469	13,699	13,229	80	82	32 151	118,964	524,380	4,408	3,938
31	33	97 676	11 155,044	152 076,584	13,633	13,163	81	83	28 264	97,511	405,416	4,158	3,688
32	34	97 568	10 389,504	140 921,540	13,564	13,094	82	84	24 449	78,648	307,906	3,915	3,445
33	35	97 456	9 676,023	130 532,036	13,490	13,020	83	85	20 776	62,315	229,257	3,679	3,209
34	36	97 344	9 011,538	120 856,013	13,411	12,941	84	86	17 288	48,348	166,942	3,453	2,983
35	37	97 220	8 391,663	111 844,475	13,328	12,858	85	87	14 051	36,639	118,594	3,237	2,767
36	38	97 084	7 813,505	103 452,812	13,240	12,770	86	88	11 037	26,833	81,956	3,054	2,584
37	39	96 938	7 274,382	95 639,307	13,147	12,678	87	89	8 440	19,132	55,122	2,881	2,411
38	40	96 775	6 771,176	88 364,925	13,050	12,580	88	90	6 230	13,168	35,990	2,733	2,263
39	41	96 602	6 302,159	81 593,749	12,947	12,477	89	91	4 506	8,881	22,822	2,570	2,100
40	42	96 408	5 864,363	75 291,590	12,839	12,369	90	92	3 114	5,722	13,942	2,437	1,967
41	43	96 185	5 455,318	69 427,227	12,727	12,257	91	93	2 096	3,592	8,220	2,289	1,819
42	44	95 941	5 073,627	63 971,909	12,609	12,139	92	94	1 340	2,140	4,628	2,162	1,693
43	45	95 678	4 717,685	58 898,282	12,485	12,015	93	95	812	1,210	2,488	2,056	1,586
44	46	95 365	4 384,376	54 180,598	12,358	11,888	94	96	470	0,653	1,278	1,958	1,488
45	47	95 014	4 072,970	49 796,222	12,226	11,756	95	97	258	0,335	0,625	1,868	1,398
46	48	94 621	3 781,912	45 723,252	12,090	11,620	96	98	135	0,163	0,291	1,787	1,317
47	49	94 185	3 510,030	41 941,339	11,949	11,479	97	99	66	0,075	0,128	1,712	1,242
48	50	93 698	3 255,806	38 431,310	11,804	11,334	98	100	31	0,032	0,053	1,645	1,175
49	51	93 149	3 017,928	35 175,504	11,656	11,186							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 448 476,055	14,538	14,068	50	53	92 298	2 788,229	31 885,466	11,436	10,966
1	4	99 217	92 509,736	1 348 840,424	14,581	14,111	51	54	91 625	2 580,774	29 097,237	11,275	10,805
2	5	99 169	86 215,128	1 256 330,689	14,572	14,102	52	55	90 894	2 387,133	26 516,463	11,108	10,638
3	6	99 141	80 364,323	1 170 115,561	14,560	14,090	53	56	90 091	2 206,094	24 129,330	10,938	10,468
4	7	99 119	74 914,448	1 089 751,238	14,547	14,077	54	57	89 234	2 037,405	21 923,236	10,760	10,290
5	8	99 096	69 834,402	1 014 836,790	14,532	14,062	55	58	88 297	1 879,717	19 885,831	10,579	10,109
6	9	99 078	65 102,084	945 002,388	14,516	14,046	56	59	87 288	1 732,622	18 006,115	10,392	9,923
7	10	99 062	60 690,991	879 900,304	14,498	14,028	57	60	86 223	1 595,803	16 273,492	10,198	9,728
8	11	99 044	56 578,305	819 209,313	14,479	14,009	58	61	85 069	1 468,007	14 677,689	9,998	9,528
9	12	99 027	52 744,404	762 631,008	14,459	13,989	59	62	83 837	1 348,954	13 209,683	9,793	9,323
10	13	99 011	49 170,940	709 886,604	14,437	13,967	60	63	82 512	1 237,878	11 860,729	9,581	9,112
11	14	98 992	45 838,421	660 715,664	14,414	13,944	61	64	81 093	1 134,346	10 622,851	9,365	8,895
12	15	98 970	42 730,341	614 877,243	14,390	13,920	62	65	79 604	1 038,249	9 488,505	9,139	8,669
13	16	98 946	39 832,243	572 146,903	14,364	13,894	63	66	78 016	948,760	8 450,256	8,907	8,437
14	17	98 922	37 130,399	532 314,660	14,336	13,866	64	67	76 359	865,831	7 501,496	8,664	8,194
15	18	98 888	34 608,633	495 184,261	14,308	13,838	65	68	74 583	788,521	6 635,665	8,415	7,945
16	19	98 847	32 255,628	460 575,629	14,279	13,809	66	69	72 701	716,669	5 847,144	8,159	7,689
17	20	98 796	30 059,794	428 320,000	14,249	13,779	67	70	70 705	649,877	5 130,475	7,895	7,425
18	21	98 742	28 012,299	398 260,206	14,217	13,747	68	71	68 601	587,913	4 480,598	7,621	7,151
19	22	98 665	26 098,536	370 247,908	14,187	13,717	69	72	66 355	530,227	3 892,685	7,342	6,872
20	23	98 589	24 315,441	344 149,372	14,154	13,684	70	73	63 916	476,212	3 362,458	7,061	6,591
21	24	98 508	22 653,042	319 833,931	14,119	13,649	71	74	61 327	426,030	2 886,247	6,775	6,305
22	25	98 430	21 105,007	297 180,889	14,081	13,611	72	75	58 588	379,491	2 460,216	6,483	6,013
23	26	98 352	19 662,873	276 075,882	14,040	13,571	73	76	55 616	335,890	2 080,725	6,195	5,725
24	27	98 272	18 318,689	256 413,009	13,997	13,527	74	77	52 469	295,460	1 744,835	5,905	5,436
25	28	98 190	17 066,116	238 094,320	13,951	13,481	75	78	49 110	257,855	1 449,375	5,621	5,151
26	29	98 106	15 898,901	221 028,205	13,902	13,432	76	79	45 591	223,196	1 191,520	5,338	4,869
27	30	98 019	14 810,988	205 129,304	13,850	13,380	77	80	41 941	191,448	968,324	5,058	4,588
28	31	97 930	13 797,250	190 318,316	13,794	13,324	78	81	38 128	162,278	776,875	4,787	4,317
29	32	97 838	12 852,406	176 521,066	13,734	13,265	79	82	34 225	135,817	614,598	4,525	4,055
30	33	97 741	11 971,737	163 668,660	13,671	13,201	80	83	30 323	112,199	478,780	4,267	3,797
31	34	97 641	11 151,008	151 696,923	13,604	13,134	81	84	26 428	91,176	366,582	4,021	3,551
32	35	97 529	10 385,287	140 545,915	13,533	13,063	82	85	22 641	72,830	275,405	3,782	3,312
33	36	97 414	9 671,899	130 160,627	13,458	12,988	83	86	19 004	57,000	202,576	3,554	3,084
34	37	97 298	9 007,336	120 488,728	13,377	12,907	84	87	15 617	43,675	145,576	3,333	2,863
35	38	97 168	8 387,243	111 481,392	13,292	12,822	85	88	12 440	32,438	101,901	3,141	2,672
36	39	97 027	7 808,898	103 094,149	13,202	12,732	86	89	9 652	23,467	69,463	2,960	2,490
37	40	96 870	7 269,266	95 285,251	13,108	12,638	87	90	7 260	16,458	45,996	2,795	2,325
38	41	96 706	6 766,350	88 015,984	13,008	12,538	88	91	5 307	11,217	29,539	2,633	2,164
39	42	96 521	6 296,922	81 249,634	12,903	12,433	89	92	3 726	7,343	18,322	2,495	2,025
40	43	96 317	5 858,816	74 952,713	12,793	12,323	90	93	2 525	4,640	10,979	2,366	1,896
41	44	96 084	5 449,559	69 093,897	12,679	12,209	91	94	1 663	2,849	6,339	2,225	1,755
42	45	95 833	5 067,889	63 644,337	12,558	12,088	92	95	1 038	1,658	3,490	2,105	1,635
43	46	95 549	4 711,304	58 576,448	12,433	11,963	93	96	614	0,914	1,832	2,004	1,534
44	47	95 217	4 377,576	53 865,144	12,305	11,835	94	97	346	0,480	0,918	1,910	1,440
45	48	94 850	4 065,902	49 487,568	12,171	11,701	95	98	185	0,240	0,437	1,825	1,355
46	49	94 446	3 774,904	45 421,666	12,033	11,563	96	99	94	0,113	0,198	1,747	1,278
47	50	93 988	3 502,686	41 646,762	11,890	11,420	97	100	45	0,050	0,085	1,677	1,207
48	51	93 479	3 248,199	38 144,075	11,743	11,273							
49	52	92 917	3 010,411	34 895,877	11,592	11,122							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 447 881,716	14,534	14,064	50	54	92 018	2 779,755	31 592,123	11,365	10,895
1	5	99 205	92 498,648	1 348 260,372	14,576	14,106	51	55	91 333	2 572,551	28 812,368	11,200	10,730
2	6	99 161	86 207,329	1 255 761,723	14,567	14,097	52	56	90 567	2 378,545	26 239,817	11,032	10,562
3	7	99 133	80 357,879	1 169 554,394	14,554	14,084	53	57	89 749	2 197,726	23 861,271	10,857	10,387
4	8	99 110	74 908,190	1 089 196,515	14,540	14,071	54	58	88 866	2 028,998	21 663,545	10,677	10,207
5	9	99 090	69 830,064	1 014 288,325	14,525	14,055	55	59	87 894	1 871,146	19 634,547	10,493	10,023
6	10	99 072	65 097,951	944 458,261	14,508	14,038	56	60	86 871	1 724,343	17 763,401	10,302	9,832
7	11	99 054	60 686,102	879 360,310	14,490	14,020	57	61	85 752	1 587,077	16 039,058	10,106	9,636
8	12	99 036	56 573,812	818 674,209	14,471	14,001	58	62	84 585	1 459,660	14 451,981	9,901	9,431
9	13	99 019	52 740,361	762 100,397	14,450	13,980	59	63	83 311	1 340,490	12 992,321	9,692	9,222
10	14	99 001	49 166,103	709 360,036	14,428	13,958	60	64	81 962	1 229,623	11 651,831	9,476	9,006
11	15	98 980	45 832,747	660 193,933	14,404	13,935	61	65	80 509	1 126,183	10 422,208	9,254	8,785
12	16	98 957	42 724,548	614 361,187	14,380	13,910	62	66	78 988	1 030,211	9 296,025	9,023	8,554
13	17	98 930	39 825,839	571 636,639	14,353	13,884	63	67	77 375	940,962	8 265,814	8,784	8,315
14	18	98 904	37 123,881	531 810,800	14,325	13,855	64	68	75 670	858,021	7 324,852	8,537	8,067
15	19	98 866	34 601,073	494 686,919	14,297	13,827	65	69	73 852	780,798	6 466,831	8,282	7,812
16	20	98 825	32 248,692	460 085,846	14,267	13,797	66	70	71 904	708,809	5 686,034	8,022	7,552
17	21	98 775	30 053,452	427 837,154	14,236	13,766	67	71	69 860	642,112	4 977,225	7,751	7,281
18	22	98 720	28 006,244	397 783,703	14,203	13,733	68	72	67 685	580,068	4 335,113	7,473	7,004
19	23	98 643	26 092,539	369 777,459	14,172	13,702	69	73	65 328	522,022	3 755,045	7,193	6,723
20	24	98 567	24 309,910	343 684,920	14,138	13,668	70	74	62 808	467,956	3 233,023	6,909	6,439
21	25	98 485	22 647,892	319 375,010	14,102	13,632	71	75	60 142	417,798	2 765,067	6,618	6,148
22	26	98 408	21 100,304	296 727,119	14,063	13,593	72	76	57 282	371,036	2 347,269	6,326	5,856
23	27	98 326	19 657,620	275 626,815	14,021	13,551	73	77	54 206	327,376	1 976,233	6,037	5,567
24	28	98 247	18 313,960	255 969,194	13,977	13,507	74	78	50 949	286,905	1 648,857	5,747	5,277
25	29	98 164	17 061,683	237 655,234	13,929	13,459	75	79	47 477	249,279	1 361,952	5,464	4,994
26	30	98 079	15 894,491	220 593,551	13,879	13,409	76	80	43 879	214,815	1 112,673	5,180	4,710
27	31	97 992	14 806,923	204 699,060	13,825	13,355	77	81	40 122	183,145	897,858	4,902	4,433
28	32	97 898	13 792,752	189 892,137	13,768	13,298	78	82	36 241	154,246	714,713	4,634	4,164
29	33	97 804	12 847,954	176 099,385	13,706	13,237	79	83	32 279	128,094	560,468	4,375	3,906
30	34	97 706	11 967,406	163 251,431	13,641	13,171	80	84	28 353	104,911	432,374	4,121	3,651
31	35	97 601	11 146,483	151 284,025	13,572	13,102	81	85	24 473	84,431	327,463	3,878	3,409
32	36	97 487	10 380,862	140 137,542	13,500	13,030	82	86	20 709	66,618	243,033	3,648	3,178
33	37	97 369	9 667,389	129 756,680	13,422	12,952	83	87	17 167	51,491	176,415	3,426	2,956
34	38	97 247	9 002,592	120 089,291	13,339	12,870	84	88	13 827	38,667	124,924	3,231	2,761
35	39	97 111	8 382,298	111 086,699	13,253	12,783	85	89	10 879	28,368	86,257	3,041	2,571
36	40	96 959	7 803,406	102 704,401	13,161	12,692	86	90	8 303	20,187	57,889	2,868	2,398
37	41	96 801	7 264,085	94 900,995	13,064	12,595	87	91	6 184	14,019	37,702	2,689	2,220
38	42	96 625	6 760,727	87 636,910	12,963	12,493	88	92	4 388	9,274	23,684	2,554	2,084
39	43	96 430	6 290,965	80 876,183	12,856	12,386	89	93	3 022	5,955	14,409	2,420	1,950
40	44	96 215	5 852,632	74 585,218	12,744	12,274	90	94	2 003	3,680	8,454	2,297	1,827
41	45	95 975	5 443,397	68 732,586	12,627	12,157	91	95	1 288	2,207	4,774	2,163	1,693
42	46	95 703	5 061,035	63 289,189	12,505	12,035	92	96	784	1,253	2,567	2,049	1,579
43	47	95 401	4 703,997	58 228,154	12,378	11,909	93	97	452	0,673	1,314	1,953	1,483
44	48	95 052	4 369,979	53 524,157	12,248	11,778	94	98	248	0,344	0,641	1,864	1,394
45	49	94 674	4 058,368	49 154,178	12,112	11,642	95	99	129	0,167	0,297	1,783	1,313
46	50	94 248	3 767,007	45 095,810	11,971	11,501	96	100	63	0,076	0,131	1,709	1,240
47	51	93 769	3 494,502	41 328,803	11,827	11,357							
48	52	93 246	3 240,108	37 834,300	11,677	11,207							
49	53	92 659	3 002,070	34 594,192	11,523	11,054							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 447 249,043	14,529	14,059	50	55	91 725	2 770,898	31 276,390	11,287	10,818
1	6	99 196	92 490,281	1 347 639,638	14,571	14,101	51	56	91 004	2 563,296	28 505,492	11,121	10,651
2	7	99 153	86 200,417	1 255 149,357	14,561	14,091	52	57	90 224	2 369,524	25 942,196	10,948	10,478
3	8	99 125	80 351,166	1 168 948,940	14,548	14,078	53	58	89 379	2 188,658	23 572,672	10,770	10,300
4	9	99 104	74 903,537	1 088 597,774	14,533	14,063	54	59	88 461	2 019,747	21 384,014	10,587	10,118
5	10	99 084	69 825,631	1 013 694,237	14,518	14,048	55	60	87 474	1 862,205	19 364,268	10,399	9,929
6	11	99 064	65 092,706	943 868,606	14,500	14,030	56	61	86 396	1 714,915	17 502,063	10,206	9,736
7	12	99 046	60 681,282	878 775,899	14,482	14,012	57	62	85 264	1 578,054	15 787,148	10,004	9,534
8	13	99 029	56 569,475	818 094,617	14,462	13,992	58	63	84 055	1 450,501	14 209,094	9,796	9,326
9	14	99 009	52 735,172	761 525,142	14,441	13,971	59	64	82 756	1 331,550	12 758,593	9,582	9,112
10	15	98 989	49 160,016	708 789,970	14,418	13,948	60	65	81 372	1 220,775	11 427,042	9,360	8,891
11	16	98 966	45 826,533	659 629,953	14,394	13,924	61	66	79 886	1 117,464	10 206,267	9,133	8,664
12	17	98 941	42 717,679	613 803,420	14,369	13,899	62	67	78 338	1 021,743	9 088,804	8,895	8,425
13	18	98 913	39 818,848	571 085,740	14,342	13,872	63	68	76 677	932,474	8 067,061	8,651	8,181
14	19	98 883	37 115,771	531 266,892	14,314	13,844	64	69	74 929	849,617	7 134,587	8,397	7,928
15	20	98 845	34 593,632	494 151,121	14,284	13,815	65	70	73 042	772,234	6 284,970	8,139	7,669
16	21	98 805	32 241,888	459 557,489	14,253	13,784	66	71	71 045	700,340	5 512,736	7,872	7,402
17	22	98 754	30 046,956	427 315,601	14,222	13,752	67	72	68 928	633,544	4 812,396	7,596	7,126
18	23	98 698	27 999,808	397 268,646	14,188	13,718	68	73	66 638	571,091	4 178,851	7,317	6,847
19	24	98 620	26 086,604	369 268,837	14,155	13,686	69	74	64 196	512,972	3 607,760	7,033	6,563
20	25	98 544	24 304,383	343 182,234	14,120	13,650	70	75	61 594	458,913	3 094,788	6,744	6,274
21	26	98 463	22 642,845	318 877,851	14,083	13,613	71	76	58 802	408,489	2 635,874	6,453	5,983
22	27	98 381	21 094,667	296 235,006	14,043	13,573	72	77	55 830	361,631	2 227,386	6,159	5,689
23	28	98 301	19 652,546	275 140,339	14,000	13,530	73	78	52 637	317,897	1 865,755	5,869	5,399
24	29	98 221	18 309,203	255 487,793	13,954	13,484	74	79	49 255	277,363	1 547,858	5,581	5,111
25	30	98 137	17 056,951	237 178,590	13,905	13,435	75	80	45 694	239,919	1 270,494	5,296	4,826
26	31	98 052	15 890,129	220 121,639	13,853	13,383	76	81	41 976	205,498	1 030,576	5,015	4,545
27	32	97 960	14 802,095	204 231,510	13,797	13,328	77	82	38 136	174,080	825,078	4,740	4,270
28	33	97 864	13 787,975	189 429,415	13,739	13,269	78	83	34 180	145,474	650,998	4,475	4,005
29	34	97 768	12 843,306	175 641,439	13,676	13,206	79	84	30 182	119,773	505,524	4,221	3,751
30	35	97 666	11 962,550	162 798,134	13,609	13,139	80	85	26 256	97,149	385,752	3,971	3,501
31	36	97 559	11 141,733	150 835,584	13,538	13,068	81	86	22 385	77,229	288,603	3,737	3,267
32	37	97 442	10 376,021	139 693,851	13,463	12,993	82	87	18 708	60,179	211,374	3,512	3,043
33	38	97 318	9 662,297	129 317,830	13,384	12,914	83	88	15 199	45,587	151,195	3,317	2,847
34	39	97 190	8 997,284	119 655,533	13,299	12,829	84	89	12 092	33,816	105,608	3,123	2,653
35	40	97 043	8 376,403	110 658,249	13,211	12,741	85	90	9 359	24,403	71,792	2,942	2,472
36	41	96 890	7 797,844	102 281,846	13,117	12,647	86	91	7 073	17,195	47,389	2,756	2,286
37	42	96 721	7 258,048	94 484,002	13,018	12,548	87	92	5 113	11,591	30,194	2,605	2,135
38	43	96 534	6 754,332	87 225,953	12,914	12,444	88	93	3 559	7,522	18,602	2,473	2,003
39	44	96 328	6 284,325	80 471,621	12,805	12,335	89	94	2 397	4,723	11,081	2,346	1,876
40	45	96 106	5 846,014	74 187,296	12,690	12,220	90	95	1 551	2,851	6,357	2,230	1,760
41	46	95 845	5 436,034	68 341,283	12,572	12,102	91	96	973	1,667	3,507	2,103	1,633
42	47	95 555	5 053,185	62 905,249	12,449	11,979	92	97	577	0,922	1,839	1,995	1,525
43	48	95 235	4 695,833	57 852,063	12,320	11,850	93	98	323	0,482	0,917	1,904	1,434
44	49	94 876	4 361,882	53 156,230	12,187	11,717	94	99	172	0,239	0,435	1,819	1,350
45	50	94 476	4 049,877	48 794,348	12,048	11,578	95	100	87	0,113	0,196	1,743	1,273
46	51	94 028	3 758,206	44 744,470	11,906	11,436							
47	52	93 535	3 485,798	40 986,264	11,758	11,288							
48	53	92 988	3 231,130	37 500,466	11,606	11,136							
49	54	92 378	2 992,946	34 269,336	11,450	10,980							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 446 572,358	14,524	14,054	50	56	91 395	2 760,930	30 936,688	11,205	10,735
1	7	99 188	92 482,865	1 346 971,963	14,565	14,095	51	57	90 659	2 553,574	28 175,758	11,034	10,564
2	8	99 144	86 193,216	1 254 489,098	14,554	14,084	52	58	89 851	2 359,747	25 622,184	10,858	10,388
3	9	99 119	80 346,175	1 168 295,882	14,541	14,071	53	59	88 971	2 178,678	23 262,438	10,677	10,207
4	10	99 098	74 898,782	1 087 949,707	14,526	14,056	54	60	88 038	2 010,096	21 083,760	10,489	10,019
5	11	99 076	69 820,006	1 013 050,925	14,509	14,040	55	61	86 996	1 852,022	19 073,664	10,299	9,829
6	12	99 056	65 087,537	943 230,919	14,492	14,022	56	62	85 904	1 705,165	17 221,642	10,100	9,630
7	13	99 038	60 676,630	878 143,382	14,473	14,003	57	63	84 729	1 568,152	15 516,477	9,895	9,425
8	14	99 019	56 563,910	817 466,752	14,452	13,982	58	64	83 494	1 440,828	13 948,325	9,681	9,211
9	15	98 997	52 728,644	760 902,841	14,431	13,961	59	65	82 160	1 321,969	12 507,496	9,461	8,991
10	16	98 975	49 153,352	708 174,197	14,407	13,938	60	66	80 742	1 211,324	11 185,528	9,234	8,764
11	17	98 950	45 819,166	659 020,845	14,383	13,913	61	67	79 229	1 108,278	9 974,204	9,000	8,530
12	18	98 923	42 710,181	613 201,679	14,357	13,887	62	68	77 632	1 012,527	8 865,926	8,756	8,286
13	19	98 891	39 810,150	570 491,498	14,330	13,860	63	69	75 926	923,341	7 853,399	8,505	8,036
14	20	98 862	37 107,790	530 681,348	14,301	13,831	64	70	74 107	840,298	6 930,058	8,247	7,777
15	21	98 824	34 586,333	493 573,558	14,271	13,801	65	71	72 169	763,007	6 089,760	7,981	7,511
16	22	98 783	32 234,919	458 987,225	14,239	13,769	66	72	70 097	690,995	5 326,753	7,709	7,239
17	23	98 731	30 040,051	426 752,307	14,206	13,736	67	73	67 861	623,740	4 635,757	7,432	6,962
18	24	98 675	27 993,439	396 712,255	14,172	13,702	68	74	65 483	561,191	4 012,017	7,149	6,679
19	25	98 598	26 080,673	368 718,816	14,138	13,668	69	75	62 955	503,059	3 450,826	6,860	6,390
20	26	98 522	24 298,967	342 638,143	14,101	13,631	70	76	60 222	448,688	2 947,766	6,570	6,100
21	27	98 437	22 636,795	318 339,176	14,063	13,593	71	77	57 311	398,135	2 499,078	6,277	5,807
22	28	98 356	21 089,221	295 702,381	14,021	13,552	72	78	54 214	351,160	2 100,944	5,983	5,513
23	29	98 275	19 647,442	274 613,159	13,977	13,507	73	79	50 886	307,324	1 749,783	5,694	5,224
24	30	98 194	18 304,125	254 965,718	13,929	13,460	74	80	47 405	266,948	1 442,459	5,404	4,934
25	31	98 110	17 052,270	236 661,593	13,879	13,409	75	81	43 712	229,512	1 175,511	5,122	4,652
26	32	98 020	15 884,949	219 609,323	13,825	13,355	76	82	39 898	195,327	945,998	4,843	4,373
27	33	97 926	14 796,969	203 724,374	13,768	13,298	77	83	35 968	164,180	750,672	4,572	4,102
28	34	97 829	13 782,987	188 927,406	13,707	13,237	78	84	31 960	136,024	586,492	4,312	3,842
29	35	97 729	12 838,094	175 144,419	13,643	13,173	79	85	27 949	110,911	450,468	4,062	3,592
30	36	97 624	11 957,452	162 306,325	13,574	13,104	80	86	24 016	88,862	339,556	3,821	3,351
31	37	97 514	11 136,537	150 348,873	13,501	13,031	81	87	20 222	69,765	250,694	3,593	3,124
32	38	97 390	10 370,556	139 212,336	13,424	12,954	82	88	16 563	53,279	180,929	3,396	2,926
33	39	97 260	9 656,601	128 841,780	13,342	12,872	83	89	13 292	39,867	127,650	3,202	2,732
34	40	97 121	8 990,957	119 185,180	13,256	12,786	84	90	10 402	29,089	87,783	3,018	2,548
35	41	96 974	8 370,433	110 194,223	13,165	12,695	85	91	7 972	20,787	58,693	2,824	2,354
36	42	96 809	7 791,364	101 823,790	13,069	12,599	86	92	5 848	14,218	37,907	2,666	2,196
37	43	96 629	7 251,183	94 032,426	12,968	12,498	87	93	4 147	9,401	23,689	2,520	2,050
38	44	96 432	6 747,202	86 781,243	12,862	12,392	88	94	2 822	5,966	14,288	2,395	1,925
39	45	96 219	6 277,218	80 034,041	12,750	12,280	89	95	1 856	3,659	8,322	2,275	1,805
40	46	95 976	5 838,106	73 756,823	12,634	12,164	90	96	1 172	2,154	4,663	2,165	1,695
41	47	95 697	5 427,604	67 918,716	12,514	12,044	91	97	716	1,227	2,510	2,045	1,575
42	48	95 389	5 044,416	62 491,113	12,388	11,918	92	98	413	0,660	1,282	1,943	1,473
43	49	95 059	4 687,132	57 446,697	12,256	11,786	93	99	225	0,335	0,622	1,856	1,386
44	50	94 677	4 352,757	52 759,564	12,121	11,651	94	100	116	0,162	0,287	1,776	1,306
45	51	94 255	4 040,415	48 406,808	11,981	11,511							
46	52	93 794	3 748,845	44 366,393	11,835	11,365							
47	53	93 276	3 476,140	40 617,548	11,685	11,215							
48	54	92 705	3 221,310	37 141,408	11,530	11,060							
49	55	92 083	2 983,410	33 920,098	11,370	10,900							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 445 844,969	14,518	14,048	50	57	91 048	2 750,458	30 572,140	11,115	10,645
1	8	99 180	92 475,139	1 346 252,561	14,558	14,088	51	58	90 285	2 543,037	27 821,682	10,940	10,470
2	9	99 138	86 187,862	1 253 777,421	14,547	14,077	52	59	89 442	2 348,987	25 278,644	10,762	10,292
3	10	99 113	80 341,074	1 167 589,559	14,533	14,063	53	60	88 546	2 168,268	22 929,657	10,575	10,105
4	11	99 090	74 892,748	1 087 248,485	14,517	14,048	54	61	87 557	1 999,105	20 761,390	10,385	9,915
5	12	99 068	69 814,461	1 012 355,737	14,501	14,031	55	62	86 501	1 841,493	18 762,285	10,189	9,719
6	13	99 049	65 082,547	942 541,276	14,482	14,012	56	63	85 365	1 694,465	16 920,792	9,986	9,516
7	14	99 028	60 670,662	877 458,728	14,463	13,993	57	64	84 164	1 557,695	15 226,327	9,775	9,305
8	15	99 007	56 556,908	816 788,067	14,442	13,972	58	65	82 893	1 430,460	13 668,633	9,555	9,086
9	16	98 984	52 721,496	760 231,159	14,420	13,950	59	66	81 524	1 311,734	12 238,172	9,330	8,860
10	17	98 959	49 145,450	707 509,662	14,396	13,926	60	67	80 078	1 201,367	10 926,439	9,095	8,625
11	18	98 933	45 811,123	658 364,212	14,371	13,901	61	68	78 514	1 098,282	9 725,072	8,855	8,385
12	19	98 902	42 700,851	612 553,089	14,345	13,875	62	69	76 871	1 002,609	8 626,790	8,604	8,134
13	20	98 870	39 801,589	569 852,238	14,317	13,847	63	70	75 094	913,214	7 624,181	8,349	7,879
14	21	98 841	37 099,960	530 050,649	14,287	13,817	64	71	73 222	830,258	6 710,967	8,083	7,613
15	22	98 803	34 578,857	492 950,688	14,256	13,786	65	72	71 206	752,826	5 880,709	7,812	7,342
16	23	98 761	32 227,511	458 371,831	14,223	13,753	66	73	69 012	680,302	5 127,882	7,538	7,068
17	24	98 709	30 033,218	426 144,320	14,189	13,719	67	74	66 685	612,927	4 447,580	7,256	6,786
18	25	98 653	27 987,075	396 111,102	14,153	13,683	68	75	64 217	550,347	3 834,653	6,968	6,498
19	26	98 576	26 074,861	368 124,027	14,118	13,648	69	76	61 553	491,851	3 284,306	6,677	6,208
20	27	98 496	24 292,475	342 049,166	14,080	13,611	70	77	58 696	437,315	2 792,455	6,385	5,916
21	28	98 412	22 630,952	317 756,690	14,041	13,571	71	78	55 652	386,607	2 355,140	6,092	5,622
22	29	98 331	21 083,744	295 125,738	13,998	13,528	72	79	52 411	339,481	1 968,533	5,799	5,329
23	30	98 248	19 641,992	274 041,994	13,952	13,482	73	80	48 975	295,784	1 629,052	5,508	5,038
24	31	98 167	18 299,102	254 400,002	13,902	13,432	74	81	45 349	255,370	1 333,268	5,221	4,751
25	32	98 078	17 046,710	236 100,901	13,850	13,380	75	82	41 549	218,153	1 077,898	4,941	4,471
26	33	97 986	15 879,447	219 054,190	13,795	13,325	76	83	37 630	184,219	859,746	4,667	4,197
27	34	97 891	14 791,615	203 174,743	13,736	13,266	77	84	33 631	153,515	675,527	4,400	3,930
28	35	97 789	13 777,393	188 383,128	13,673	13,203	78	85	29 595	125,960	522,012	4,144	3,674
29	36	97 687	12 832,623	174 605,735	13,606	13,136	79	86	25 565	101,451	396,052	3,904	3,434
30	37	97 579	11 951,876	161 773,112	13,535	13,065	80	87	21 695	80,274	294,600	3,670	3,200
31	38	97 463	11 130,672	149 821,236	13,460	12,990	81	88	17 903	61,766	214,327	3,470	3,000
32	39	97 333	10 364,442	138 690,565	13,381	12,911	82	89	14 485	46,594	152,561	3,274	2,804
33	40	97 192	9 649,809	128 326,123	13,298	12,828	83	90	11 434	34,295	105,967	3,090	2,620
34	41	97 052	8 984,548	118 676,314	13,209	12,739	84	91	8 860	24,778	71,671	2,892	2,423
35	42	96 893	8 363,477	109 691,765	13,116	12,646	85	92	6 592	17,188	46,893	2,728	2,258
36	43	96 718	7 783,994	101 328,288	13,018	12,548	86	93	4 743	11,531	29,705	2,576	2,106
37	44	96 527	7 243,529	93 544,294	12,914	12,444	87	94	3 289	7,456	18,174	2,438	1,968
38	45	96 323	6 739,573	86 300,766	12,805	12,335	88	95	2 186	4,621	10,718	2,319	1,850
39	46	96 089	6 268,728	79 561,193	12,692	12,222	89	96	1 403	2,764	6,097	2,206	1,736
40	47	95 827	5 829,052	73 292,465	12,574	12,104	90	97	863	1,585	3,333	2,102	1,633
41	48	95 531	5 418,184	67 463,413	12,451	11,981	91	98	513	0,879	1,748	1,989	1,519
42	49	95 212	5 035,069	62 045,229	12,323	11,853	92	99	287	0,459	0,869	1,892	1,422
43	50	94 860	4 677,326	57 010,160	12,189	11,719	93	100	152	0,226	0,410	1,810	1,340
44	51	94 456	4 342,587	52 332,833	12,051	11,581							
45	52	94 020	4 030,351	47 990,247	11,907	11,437							
46	53	93 534	3 738,457	43 959,896	11,759	11,289							
47	54	92 993	3 465,575	40 221,438	11,606	11,136							
48	55	92 410	3 211,047	36 755,863	11,447	10,977							
49	56	91 752	2 972,677	33 544,816	11,284	10,814							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 445 061,774	14,511	14,041	50	58	90 672	2 739,109	30 181,188	11,019	10,549
1	9	99 173	92 469,395	1 345 477,686	14,551	14,081	51	59	89 873	2 531,442	27 442,080	10,840	10,371
2	10	99 132	86 182,391	1 253 008,290	14,539	14,069	52	60	89 014	2 337,763	24 910,638	10,656	10,186
3	11	99 105	80 334,602	1 166 825,900	14,525	14,055	53	61	88 062	2 156,412	22 572,875	10,468	9,998
4	12	99 082	74 886,800	1 086 491,298	14,508	14,039	54	62	87 059	1 987,739	20 416,463	10,271	9,801
5	13	99 060	69 809,109	1 011 604,498	14,491	14,021	55	63	85 958	1 829,938	18 428,724	10,071	9,601
6	14	99 039	65 076,145	941 795,388	14,472	14,002	56	64	84 796	1 683,166	16 598,787	9,862	9,392
7	15	99 016	60 663,151	876 719,243	14,452	13,982	57	65	83 559	1 546,486	14 915,621	9,645	9,175
8	16	98 993	56 549,241	816 056,092	14,431	13,961	58	66	82 251	1 419,385	13 369,135	9,419	8,949
9	17	98 968	52 713,020	759 506,851	14,408	13,938	59	67	80 854	1 300,951	11 949,750	9,185	8,715
10	18	98 942	49 136,823	706 793,831	14,384	13,914	60	68	79 356	1 190,531	10 648,799	8,945	8,475
11	19	98 911	45 801,116	657 657,007	14,359	13,889	61	69	77 745	1 087,524	9 458,268	8,697	8,227
12	20	98 881	42 691,668	611 855,891	14,332	13,862	62	70	76 028	991,613	8 370,744	8,442	7,972
13	21	98 849	39 793,191	569 164,222	14,303	13,833	63	71	74 196	902,303	7 379,131	8,178	7,708
14	22	98 819	37 091,941	529 371,031	14,272	13,802	64	72	72 245	819,180	6 476,829	7,906	7,437
15	23	98 780	34 570,911	492 279,090	14,240	13,770	65	73	70 105	741,176	5 657,648	7,633	7,163
16	24	98 738	32 220,181	457 708,179	14,206	13,736	66	74	67 816	668,509	4 916,472	7,354	6,884
17	25	98 686	30 026,390	425 487,998	14,170	13,701	67	75	65 396	601,083	4 247,963	7,067	6,597
18	26	98 631	27 980,838	395 461,608	14,133	13,663	68	76	62 787	538,084	3 646,880	6,778	6,308
19	27	98 550	26 067,895	367 480,770	14,097	13,627	69	77	59 992	479,383	3 108,796	6,485	6,015
20	28	98 470	24 286,205	341 412,875	14,058	13,588	70	78	56 996	424,653	2 629,412	6,192	5,722
21	29	98 386	22 625,074	317 126,670	14,017	13,547	71	79	53 801	373,749	2 204,759	5,899	5,429
22	30	98 303	21 077,896	294 501,596	13,972	13,502	72	80	50 443	326,734	1 831,010	5,604	5,134
23	31	98 221	19 636,602	273 423,700	13,924	13,454	73	81	46 851	282,955	1 504,277	5,316	4,846
24	32	98 135	18 293,136	253 787,098	13,873	13,403	74	82	43 105	242,730	1 221,322	5,032	4,562
25	33	98 044	17 040,806	235 493,962	13,819	13,350	75	83	39 186	205,747	978,592	4,756	4,286
26	34	97 951	15 873,702	218 453,156	13,762	13,292	76	84	35 185	172,252	772,845	4,487	4,017
27	35	97 851	14 785,613	202 579,454	13,701	13,231	77	85	31 143	142,157	600,593	4,225	3,755
28	36	97 748	13 771,522	187 793,842	13,636	13,166	78	86	27 071	115,216	458,436	3,979	3,509
29	37	97 642	12 826,639	174 022,320	13,567	13,097	79	87	23 094	91,646	343,219	3,745	3,275
30	38	97 527	11 945,581	161 195,681	13,494	13,024	80	88	19 207	71,070	251,573	3,540	3,070
31	39	97 405	11 124,109	149 250,100	13,417	12,947	81	89	15 657	54,016	180,504	3,342	2,872
32	40	97 264	10 357,153	138 125,991	13,336	12,866	82	90	12 460	40,082	126,487	3,156	2,686
33	41	97 123	9 642,931	127 768,838	13,250	12,780	83	91	9 740	29,213	86,405	2,958	2,488
34	42	96 971	8 977,082	118 125,907	13,159	12,689	84	92	7 326	20,488	57,193	2,791	2,322
35	43	96 801	8 355,566	109 148,825	13,063	12,593	85	93	5 346	13,939	36,704	2,633	2,163
36	44	96 615	7 775,778	100 793,260	12,962	12,493	86	94	3 762	9,145	22,765	2,489	2,019
37	45	96 418	7 235,338	93 017,482	12,856	12,386	87	95	2 548	5,775	13,619	2,358	1,888
38	46	96 193	6 730,457	85 782,144	12,745	12,275	88	96	1 652	3,491	7,844	2,247	1,777
39	47	95 940	6 259,006	79 051,687	12,630	12,160	89	97	1 032	2,035	4,353	2,139	1,669
40	48	95 661	5 818,936	72 792,682	12,510	12,040	90	98	618	1,135	2,318	2,042	1,572
41	49	95 354	5 408,145	66 973,746	12,384	11,914	91	99	357	0,611	1,183	1,935	1,465
42	50	95 013	5 024,535	61 565,601	12,253	11,783	92	100	194	0,310	0,572	1,843	1,373
43	51	94 638	4 666,398	56 541,066	12,117	11,647							
44	52	94 221	4 331,770	51 874,668	11,975	11,505							
45	53	93 760	4 019,184	47 542,897	11,829	11,359							
46	54	93 249	3 727,095	43 523,714	11,678	11,208							
47	55	92 696	3 454,533	39 796,618	11,520	11,050							
48	56	92 077	3 199,495	36 342,085	11,359	10,889							
49	57	91 404	2 961,402	33 142,590	11,192	10,722							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 444 218,803	14,503	14,034	50	59	90 259	2 726,619	29 762,605	10,916	10,446
1	10	99 167	92 463,525	1 344 640,900	14,542	14,072	51	60	89 444	2 519,346	27 035,986	10,731	10,261
2	11	99 124	86 175,448	1 252 177,375	14,531	14,061	52	61	88 528	2 324,980	24 516,640	10,545	10,075
3	12	99 097	80 328,222	1 166 001,927	14,515	14,046	53	62	87 561	2 144,152	22 191,660	10,350	9,880
4	13	99 074	74 881,060	1 085 673,705	14,499	14,029	54	63	86 513	1 975,266	20 047,508	10,149	9,679
5	14	99 050	69 802,242	1 010 792,646	14,481	14,011	55	64	85 385	1 817,735	18 072,242	9,942	9,472
6	15	99 027	65 068,089	940 990,403	14,462	13,992	56	65	84 186	1 671,054	16 254,508	9,727	9,257
7	16	99 003	60 654,927	875 922,314	14,441	13,971	57	66	82 912	1 534,512	14 583,454	9,504	9,034
8	17	98 977	56 540,150	815 267,387	14,419	13,949	58	67	81 575	1 407,718	13 048,942	9,270	8,800
9	18	98 950	52 703,767	758 727,237	14,396	13,926	59	68	80 125	1 289,217	11 641,224	9,030	8,560
10	19	98 920	49 126,090	706 023,469	14,372	13,902	60	69	78 579	1 178,869	10 352,006	8,781	8,311
11	20	98 890	45 791,267	656 897,380	14,345	13,876	61	70	76 893	1 075,597	9 173,137	8,528	8,059
12	21	98 860	42 682,661	611 106,113	14,317	13,848	62	71	75 120	979,765	8 097,540	8,265	7,795
13	22	98 828	39 784,590	568 423,452	14,288	13,818	63	72	73 206	890,263	7 117,776	7,995	7,525
14	23	98 797	37 083,418	528 638,862	14,255	13,785	64	73	71 127	806,503	6 227,513	7,722	7,252
15	24	98 758	34 563,048	491 555,444	14,222	13,752	65	74	68 889	728,328	5 421,009	7,443	6,973
16	25	98 716	32 212,856	456 992,397	14,187	13,717	66	75	66 505	655,591	4 692,682	7,158	6,688
17	26	98 664	30 019,699	424 779,541	14,150	13,680	67	76	63 939	587,690	4 037,091	6,869	6,400
18	27	98 604	27 973,363	394 759,842	14,112	13,642	68	77	61 195	524,445	3 449,401	6,577	6,107
19	28	98 524	26 061,166	366 786,479	14,074	13,604	69	78	58 255	465,503	2 924,955	6,283	5,814
20	29	98 445	24 279,897	340 725,313	14,033	13,563	70	79	55 101	410,530	2 459,452	5,991	5,521
21	30	98 359	22 618,799	316 445,416	13,990	13,520	71	80	51 781	359,715	2 048,922	5,696	5,226
22	31	98 276	21 072,111	293 826,618	13,944	13,474	72	81	48 255	312,562	1 689,208	5,404	4,934
23	32	98 189	19 630,200	272 754,506	13,895	13,425	73	82	44 532	268,950	1 376,646	5,119	4,649
24	33	98 101	18 286,800	253 124,307	13,842	13,372	74	83	40 653	228,926	1 107,696	4,839	4,369
25	34	98 009	17 034,641	234 837,506	13,786	13,316	75	84	36 640	192,382	878,769	4,568	4,098
26	35	97 911	15 867,260	217 802,865	13,727	13,257	76	85	32 582	159,508	686,388	4,303	3,833
27	36	97 810	14 779,312	201 935,605	13,663	13,193	77	86	28 487	130,032	526,880	4,052	3,582
28	37	97 702	13 765,100	187 156,294	13,596	13,127	78	87	24 455	104,081	396,848	3,813	3,343
29	38	97 590	12 819,883	173 391,194	13,525	13,055	79	88	20 446	81,138	292,767	3,608	3,138
30	39	97 470	11 938,538	160 571,311	13,450	12,980	80	89	16 798	62,153	211,629	3,405	2,935
31	40	97 337	11 116,286	148 632,773	13,371	12,901	81	90	13 469	46,467	149,476	3,217	2,747
32	41	97 195	10 349,770	137 516,487	13,287	12,817	82	91	10 614	34,142	103,010	3,017	2,547
33	42	97 042	9 634,918	127 166,717	13,199	12,729	83	92	8 053	24,155	68,868	2,851	2,381
34	43	96 880	8 968,590	117 531,798	13,105	12,635	84	93	5 942	16,616	44,713	2,691	2,221
35	44	96 699	8 346,746	108 563,208	13,007	12,537	85	94	4 240	11,056	28,097	2,541	2,072
36	45	96 506	7 766,985	100 216,462	12,903	12,433	86	95	2 914	7,084	17,041	2,406	1,936
37	46	96 288	7 225,551	92 449,478	12,795	12,325	87	96	1 925	4,364	9,957	2,282	1,812
38	47	96 043	6 720,018	85 223,926	12,682	12,212	88	97	1 216	2,570	5,593	2,177	1,707
39	48	95 774	6 248,144	78 503,908	12,564	12,094	89	98	739	1,457	3,024	2,076	1,606
40	49	95 484	5 808,154	72 255,764	12,440	11,971	90	99	430	0,790	1,567	1,984	1,514
41	50	95 154	5 396,830	66 447,610	12,312	11,842	91	100	241	0,413	0,777	1,883	1,413
42	51	94 791	5 012,796	61 050,780	12,179	11,709							
43	52	94 402	4 654,775	56 037,984	12,039	11,569							
44	53	93 960	4 319,768	51 383,209	11,895	11,425							
45	54	93 475	4 006,969	47 063,442	11,745	11,275							
46	55	92 952	3 715,220	43 056,473	11,589	11,119							
47	56	92 363	3 442,106	39 341,252	11,429	10,960							
48	57	91 728	3 187,359	35 899,147	11,263	10,793							
49	58	91 027	2 949,182	32 711,788	11,092	10,622							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 443 309,177	14,495	14,025	50	60	89 828	2 713,591	29 315,395	10,803	10,333
1	11	99 159	92 456,076	1 343 737,595	14,534	14,064	51	61	88 955	2 505,570	26 601,804	10,617	10,147
2	12	99 116	86 168,604	1 251 281,519	14,521	14,051	52	62	88 024	2 311,761	24 096,234	10,423	9,953
3	13	99 089	80 322,064	1 165 112,915	14,506	14,036	53	63	87 012	2 130,698	21 784,472	10,224	9,754
4	14	99 065	74 873,694	1 084 790,851	14,488	14,018	54	64	85 936	1 962,094	19 653,775	10,017	9,547
5	15	99 038	69 793,601	1 009 917,157	14,470	14,000	55	65	84 771	1 804,655	17 691,681	9,803	9,333
6	16	99 013	65 059,268	940 123,556	14,450	13,980	56	66	83 534	1 658,116	15 887,026	9,581	9,111
7	17	98 987	60 645,176	875 064,288	14,429	13,959	57	67	82 230	1 521,899	14 228,911	9,349	8,880
8	18	98 960	56 530,225	814 419,112	14,407	13,937	58	68	80 840	1 395,021	12 707,012	9,109	8,639
9	19	98 929	52 692,255	757 888,886	14,383	13,913	59	69	79 340	1 276,589	11 311,991	8,861	8,391
10	20	98 899	49 115,525	705 196,632	14,358	13,888	60	70	77 717	1 165,940	10 035,402	8,607	8,137
11	21	98 869	45 781,605	656 081,106	14,331	13,861	61	71	75 974	1 062,745	8 869,462	8,346	7,876
12	22	98 838	42 673,435	610 299,501	14,302	13,832	62	72	74 117	966,692	7 806,717	8,076	7,606
13	23	98 805	39 775,448	567 626,066	14,271	13,801	63	73	72 073	876,486	6 840,025	7,804	7,334
14	24	98 774	37 074,983	527 850,618	14,237	13,767	64	74	69 894	792,522	5 963,539	7,525	7,055
15	25	98 735	34 555,190	490 775,635	14,203	13,733	65	75	67 558	714,253	5 171,016	7,240	6,770
16	26	98 694	32 205,677	456 220,446	14,166	13,696	66	76	65 023	640,983	4 456,763	6,953	6,483
17	27	98 638	30 011,679	424 014,769	14,128	13,658	67	77	62 319	572,794	3 815,780	6,662	6,192
18	28	98 579	27 966,142	394 003,089	14,089	13,619	68	78	59 423	509,260	3 242,986	6,368	5,898
19	29	98 499	26 054,397	366 036,947	14,049	13,579	69	79	56 318	450,021	2 733,726	6,075	5,605
20	30	98 418	24 273,162	339 982,550	14,007	13,537	70	80	53 031	395,114	2 283,704	5,780	5,310
21	31	98 332	22 612,591	315 709,388	13,962	13,492	71	81	49 535	344,113	1 888,590	5,488	5,018
22	32	98 244	21 065,241	293 096,797	13,914	13,444	72	82	45 867	297,092	1 544,478	5,199	4,729
23	33	98 155	19 623,401	272 031,555	13,863	13,393	73	83	42 000	253,655	1 247,386	4,918	4,448
24	34	98 065	18 280,184	252 408,155	13,808	13,338	74	84	38 013	214,056	993,731	4,642	4,172
25	35	97 969	17 027,728	234 127,970	13,750	13,280	75	85	33 930	178,148	779,675	4,377	3,907
26	36	97 869	15 860,498	217 100,242	13,688	13,218	76	86	29 803	145,903	601,527	4,123	3,653
27	37	97 764	14 772,420	201 239,744	13,623	13,153	77	87	25 733	117,464	455,624	3,879	3,409
28	38	97 651	13 757,850	186 467,325	13,554	13,084	78	88	21 651	92,147	338,160	3,670	3,200
29	39	97 533	12 812,325	172 709,475	13,480	13,010	79	89	17 881	70,958	246,013	3,467	2,997
30	40	97 401	11 930,142	159 897,150	13,403	12,933	80	90	14 450	53,466	175,055	3,274	2,804
31	41	97 267	11 108,362	147 967,008	13,320	12,850	81	91	11 473	39,580	121,589	3,072	2,602
32	42	97 114	10 341,170	136 858,645	13,234	12,764	82	92	8 776	28,230	82,009	2,905	2,435
33	43	96 950	9 625,804	126 517,476	13,144	12,674	83	93	6 531	19,590	53,778	2,745	2,275
34	44	96 777	8 959,124	116 891,672	13,047	12,577	84	94	4 712	13,179	34,188	2,594	2,124
35	45	96 590	8 337,307	107 932,548	12,946	12,476	85	95	3 284	8,564	21,010	2,453	1,983
36	46	96 376	7 756,479	99 595,241	12,840	12,370	86	96	2 202	5,352	12,446	2,325	1,855
37	47	96 138	7 214,345	91 838,762	12,730	12,260	87	97	1 417	3,212	7,093	2,209	1,739
38	48	95 877	6 708,356	84 624,416	12,615	12,145	88	98	871	1,840	3,882	2,110	1,640
39	49	95 596	6 236,566	77 916,060	12,493	12,024	89	99	514	1,014	2,042	2,014	1,545
40	50	95 284	5 796,003	71 679,494	12,367	11,897	90	100	290	0,533	1,028	1,928	1,459
41	51	94 932	5 384,221	65 883,491	12,236	11,767							
42	52	94 555	5 000,310	60 499,270	12,099	11,629							
43	53	94 141	4 641,877	55 498,960	11,956	11,486							
44	54	93 674	4 306,639	50 857,083	11,809	11,339							
45	55	93 177	3 994,202	46 550,444	11,655	11,185							
46	56	92 618	3 701,855	42 556,242	11,496	11,026							
47	57	92 013	3 429,050	38 854,387	11,331	10,861							
48	58	91 349	3 174,207	35 425,337	11,160	10,690							
49	59	90 612	2 935,735	32 251,130	10,986	10,516							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 442 327,984	14,487	14,017	50	61	89 336	2 698,753	28 837,883	10,686	10,216
1	12	99 151	92 448,733	1 342 764,424	14,524	14,055	51	62	88 449	2 491,325	26 139,130	10,492	10,022
2	13	99 108	86 161,999	1 250 315,691	14,511	14,041	52	63	87 472	2 297,256	23 647,805	10,294	9,824
3	14	99 080	80 314,163	1 164 153,692	14,495	14,025	53	64	86 432	2 116,489	21 350,549	10,088	9,618
4	15	99 052	74 864,425	1 083 839,529	14,477	14,007	54	65	85 317	1 947,975	19 234,061	9,874	9,404
5	16	99 025	69 784,140	1 008 975,105	14,459	13,989	55	66	84 114	1 790,682	17 286,086	9,653	9,183
6	17	98 997	65 048,809	939 190,965	14,438	13,968	56	67	82 847	1 644,486	15 495,403	9,423	8,953
7	18	98 969	60 634,531	874 142,156	14,417	13,947	57	68	81 489	1 508,172	13 850,917	9,184	8,714
8	19	98 938	56 517,877	813 507,625	14,394	13,924	58	69	80 048	1 381,357	12 342,745	8,935	8,465
9	20	98 907	52 680,923	756 989,748	14,369	13,899	59	70	78 470	1 262,588	10 961,389	8,682	8,212
10	21	98 878	49 105,162	704 308,825	14,343	13,873	60	71	76 788	1 152,009	9 698,801	8,419	7,949
11	22	98 848	45 771,710	655 203,663	14,315	13,845	61	72	74 960	1 048,565	8 546,792	8,151	7,681
12	23	98 816	42 663,629	609 431,953	14,285	13,815	62	73	72 971	951,732	7 498,227	7,879	7,409
13	24	98 783	39 766,401	566 768,324	14,252	13,783	63	74	70 824	861,292	6 546,495	7,601	7,131
14	25	98 752	37 066,554	527 001,923	14,218	13,748	64	75	68 543	777,207	5 685,203	7,315	6,845
15	26	98 713	34 547,489	489 935,369	14,182	13,712	65	76	66 053	698,339	4 907,995	7,028	6,558
16	27	98 667	32 197,073	455 387,880	14,144	13,674	66	77	63 375	624,736	4 209,656	6,738	6,268
17	28	98 613	30 003,932	423 190,807	14,105	13,635	67	78	60 514	556,209	3 584,920	6,445	5,975
18	29	98 553	27 958,878	393 186,875	14,063	13,593	68	79	57 447	492,323	3 028,711	6,152	5,682
19	30	98 471	26 047,171	365 227,997	14,022	13,552	69	80	54 203	433,123	2 536,388	5,856	5,386
20	31	98 391	24 266,501	339 180,826	13,977	13,507	70	81	50 731	377,977	2 103,265	5,565	5,095
21	32	98 300	22 605,219	314 914,325	13,931	13,461	71	82	47 083	327,080	1 725,289	5,275	4,805
22	33	98 210	21 057,946	292 309,106	13,881	13,411	72	83	43 258	280,197	1 398,208	4,990	4,520
23	34	98 119	19 616,301	271 251,161	13,828	13,358	73	84	39 272	237,178	1 118,011	4,714	4,244
24	35	98 026	18 272,766	251 634,859	13,771	13,301	74	85	35 200	198,219	880,833	4,444	3,974
25	36	97 927	17 020,472	233 362,094	13,711	13,241	75	86	31 036	162,953	682,615	4,189	3,719
26	37	97 824	15 853,102	216 341,622	13,647	13,177	76	87	26 922	131,801	519,662	3,943	3,473
27	38	97 712	14 764,639	200 488,520	13,579	13,109	77	88	22 783	103,996	387,861	3,730	3,260
28	39	97 593	13 749,739	185 723,881	13,507	13,038	78	89	18 934	80,586	283,865	3,523	3,053
29	40	97 464	12 803,314	171 974,142	13,432	12,962	79	90	15 382	61,040	203,279	3,330	2,860
30	41	97 332	11 921,638	159 170,828	13,351	12,882	80	91	12 308	45,543	142,239	3,123	2,653
31	42	97 186	11 099,132	147 249,190	13,267	12,797	81	92	9 486	32,727	96,696	2,955	2,485
32	43	97 022	10 331,388	136 150,058	13,178	12,708	82	93	7 117	22,895	63,969	2,794	2,324
33	44	96 848	9 615,643	125 818,670	13,085	12,615	83	94	5 180	15,537	41,073	2,644	2,174
34	45	96 668	8 948,992	116 203,027	12,985	12,515	84	95	3 650	10,208	25,536	2,502	2,032
35	46	96 459	8 326,030	107 254,035	12,882	12,412	85	96	2 481	6,470	15,328	2,369	1,899
36	47	96 226	7 744,450	98 928,004	12,774	12,304	86	97	1 620	3,939	8,858	2,248	1,779
37	48	95 972	7 201,825	91 183,554	12,661	12,191	87	98	1 014	2,300	4,918	2,139	1,669
38	49	95 699	6 695,926	83 981,729	12,542	12,072	88	99	606	1,280	2,619	2,045	1,576
39	50	95 396	6 223,519	77 285,803	12,418	11,948	89	100	347	0,684	1,338	1,956	1,486
40	51	95 062	5 782,461	71 062,284	12,289	11,819							
41	52	94 695	5 370,810	65 279,824	12,155	11,685							
42	53	94 293	4 986,455	59 909,014	12,014	11,544							
43	54	93 855	4 627,770	54 922,559	11,868	11,398							
44	55	93 376	4 292,917	50 294,789	11,716	11,246							
45	56	92 842	3 979,833	46 001,872	11,559	11,089							
46	57	92 267	3 687,814	42 022,039	11,395	10,925							
47	58	91 633	3 414,901	38 334,225	11,226	10,756							
48	59	90 933	3 159,734	34 919,324	11,051	10,581							
49	60	90 179	2 921,707	31 759,590	10,870	10,400							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 441 271,678	14,477	14,007	50	62	88 828	2 683,409	28 329,678	10,557	10,087
1	13	99 144	92 441,647	1 341 716,026	14,514	14,044	51	63	87 894	2 475,693	25 646,269	10,359	9,889
2	14	99 099	86 153,523	1 249 274,379	14,501	14,031	52	64	86 889	2 281,936	23 170,576	10,154	9,684
3	15	99 067	80 304,220	1 163 120,856	14,484	14,014	53	65	85 810	2 101,259	20 888,640	9,941	9,471
4	16	99 039	74 854,276	1 082 816,636	14,466	13,996	54	66	84 657	1 932,893	18 787,381	9,720	9,250
5	17	99 009	69 772,921	1 007 962,360	14,446	13,976	55	67	83 423	1 775,963	16 854,489	9,490	9,020
6	18	98 980	65 037,391	938 189,439	14,425	13,955	56	68	82 100	1 629,654	15 078,525	9,253	8,783
7	19	98 948	60 621,286	873 152,048	14,403	13,933	57	69	80 690	1 493,399	13 448,872	9,006	8,536
8	20	98 917	56 505,723	812 530,762	14,380	13,910	58	70	79 170	1 366,206	11 955,473	8,751	8,281
9	21	98 887	52 669,808	756 025,040	14,354	13,884	59	71	77 532	1 247,502	10 589,266	8,488	8,018
10	22	98 857	49 094,548	703 355,232	14,327	13,857	60	72	75 764	1 136,638	9 341,764	8,219	7,749
11	23	98 825	45 761,192	654 260,683	14,297	13,827	61	73	73 800	1 032,338	8 205,126	7,948	7,478
12	24	98 793	42 653,925	608 499,492	14,266	13,796	62	74	71 706	935,233	7 172,788	7,670	7,200
13	25	98 760	39 757,360	565 845,567	14,232	13,763	63	75	69 455	844,648	6 237,554	7,385	6,915
14	26	98 730	37 058,294	526 088,207	14,196	13,726	64	76	67 016	759,890	5 392,906	7,097	6,627
15	27	98 687	34 538,260	489 029,913	14,159	13,689	65	77	64 378	680,638	4 633,016	6,807	6,337
16	28	98 642	32 188,762	454 491,654	14,120	13,650	66	78	61 540	606,647	3 952,378	6,515	6,045
17	29	98 587	29 996,139	422 302,892	14,079	13,609	67	79	58 502	537,710	3 345,731	6,222	5,752
18	30	98 526	27 951,124	392 306,753	14,035	13,566	68	80	55 290	473,836	2 808,021	5,926	5,456
19	31	98 444	26 040,022	364 355,629	13,992	13,522	69	81	51 852	414,337	2 334,184	5,634	5,164
20	32	98 358	24 258,589	338 315,607	13,946	13,476	70	82	48 220	359,269	1 919,847	5,344	4,874
21	33	98 266	22 597,390	314 057,017	13,898	13,428	71	83	44 405	308,480	1 560,579	5,059	4,589
22	34	98 175	21 050,327	291 459,628	13,846	13,376	72	84	40 448	261,995	1 252,099	4,779	4,309
23	35	98 080	19 608,340	270 409,301	13,791	13,321	73	85	36 366	219,630	990,103	4,508	4,038
24	36	97 984	18 264,979	250 800,960	13,731	13,261	74	86	32 198	181,311	770,473	4,249	3,780
25	37	97 882	17 012,535	232 535,982	13,669	13,199	75	87	28 036	147,204	589,162	4,002	3,532
26	38	97 772	15 844,752	215 523,447	13,602	13,132	76	88	23 835	116,689	441,958	3,787	3,318
27	39	97 655	14 755,934	199 678,695	13,532	13,062	77	89	19 924	90,948	325,269	3,576	3,107
28	40	97 524	13 740,069	184 922,760	13,459	12,989	78	90	16 288	69,322	234,321	3,380	2,910
29	41	97 395	12 794,188	171 182,691	13,380	12,910	79	91	13 102	51,994	164,998	3,173	2,703
30	42	97 251	11 911,732	158 388,503	13,297	12,827	80	92	10 177	37,657	113,004	3,001	2,531
31	43	97 094	11 088,632	146 476,771	13,210	12,740	81	93	7 693	26,542	75,347	2,839	2,369
32	44	96 920	10 320,482	135 388,139	13,118	12,648	82	94	5 645	18,159	48,805	2,688	2,218
33	45	96 738	9 604,770	125 067,656	13,021	12,552	83	95	4 013	12,035	30,646	2,546	2,076
34	46	96 537	8 936,888	115 462,887	12,920	12,450	84	96	2 758	7,713	18,611	2,413	1,943
35	47	96 310	8 313,117	106 525,998	12,814	12,344	85	97	1 826	4,762	10,898	2,288	1,818
36	48	96 059	7 731,010	98 212,881	12,704	12,234	86	98	1 160	2,821	6,136	2,175	1,705
37	49	95 794	7 188,481	90 481,871	12,587	12,117	87	99	706	1,600	3,315	2,072	1,602
38	50	95 499	6 681,918	83 293,390	12,465	11,996	88	100	409	0,864	1,715	1,984	1,514
39	51	95 173	6 208,978	76 611,473	12,339	11,869							
40	52	94 825	5 768,058	70 402,495	12,206	11,736							
41	53	94 433	5 355,928	64 634,437	12,068	11,598							
42	54	94 006	4 971,300	59 278,509	11,924	11,454							
43	55	93 556	4 613,025	54 307,209	11,773	11,303							
44	56	93 040	4 277,473	49 694,184	11,618	11,148							
45	57	92 490	3 964,738	45 416,710	11,455	10,985							
46	58	91 886	3 672,597	41 451,973	11,287	10,817							
47	59	91 215	3 399,330	37 779,376	11,114	10,644							
48	60	90 498	3 144,636	34 380,046	10,933	10,463							
49	61	89 686	2 905,731	31 235,410	10,750	10,280							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 440 134,544	14,467	13,997	50	63	88 271	2 666,572	27 788,999	10,421	9,951
1	14	99 134	92 432,553	1 340 586,522	14,503	14,034	51	64	87 308	2 459,183	25 122,427	10,216	9,746
2	15	99 086	86 142,857	1 248 153,969	14,489	14,019	52	65	86 263	2 265,516	22 663,244	10,004	9,534
3	16	99 054	80 293,334	1 162 011,112	14,472	14,002	53	66	85 145	2 084,990	20 397,729	9,783	9,313
4	17	99 023	74 842,242	1 081 717,777	14,453	13,983	54	67	83 961	1 917,005	18 312,739	9,553	9,083
5	18	98 991	69 760,673	1 006 875,535	14,433	13,963	55	68	82 670	1 759,945	16 395,734	9,316	8,846
6	19	98 958	65 023,184	937 114,862	14,412	13,942	56	69	81 296	1 613,691	14 635,789	9,070	8,600
7	20	98 927	60 608,249	872 091,678	14,389	13,919	57	70	79 805	1 477,020	13 022,098	8,816	8,347
8	21	98 896	56 493,800	811 483,429	14,364	13,894	58	71	78 224	1 349,883	11 545,078	8,553	8,083
9	22	98 865	52 658,424	754 989,629	14,337	13,868	59	72	76 498	1 230,857	10 195,196	8,283	7,813
10	23	98 834	49 083,267	702 331,205	14,309	13,839	60	73	74 591	1 119,048	8 964,339	8,011	7,541
11	24	98 803	45 750,783	653 247,938	14,278	13,809	61	74	72 521	1 014,442	7 845,290	7,734	7,264
12	25	98 771	42 644,227	607 497,155	14,246	13,776	62	75	70 320	917,161	6 830,848	7,448	6,978
13	26	98 738	39 748,500	564 852,928	14,211	13,741	63	76	67 908	825,829	5 913,687	7,161	6,691
14	27	98 703	37 048,393	525 104,428	14,173	13,704	64	77	65 317	740,629	5 087,859	6,870	6,400
15	28	98 662	34 529,344	488 056,035	14,135	13,665	65	78	62 514	660,930	4 347,230	6,577	6,108
16	29	98 616	32 180,402	453 526,690	14,093	13,623	66	79	59 493	586,471	3 686,299	6,286	5,816
17	30	98 560	29 987,819	421 346,289	14,051	13,581	67	80	56 305	517,519	3 099,828	5,990	5,520
18	31	98 499	27 943,453	391 358,470	14,005	13,535	68	81	52 892	453,284	2 582,309	5,697	5,227
19	32	98 412	26 031,532	363 415,017	13,961	13,491	69	82	49 286	393,829	2 129,025	5,406	4,936
20	33	98 324	24 250,188	337 383,484	13,913	13,443	70	83	45 478	338,838	1 735,196	5,121	4,651
21	34	98 230	22 589,214	313 133,297	13,862	13,392	71	84	41 521	288,442	1 396,358	4,841	4,371
22	35	98 135	21 041,784	290 544,083	13,808	13,338	72	85	37 456	242,611	1 107,917	4,567	4,097
23	36	98 038	19 599,984	269 502,298	13,750	13,280	73	86	33 264	200,897	865,305	4,307	3,837
24	37	97 938	18 256,461	249 902,314	13,688	13,219	74	87	29 086	163,788	664,408	4,057	3,587
25	38	97 830	17 003,574	231 645,853	13,623	13,153	75	88	24 821	130,325	500,620	3,841	3,371
26	39	97 715	15 835,411	214 642,278	13,555	13,085	76	89	20 845	102,049	370,295	3,629	3,159
27	40	97 586	14 745,557	198 806,868	13,482	13,013	77	90	17 140	78,237	268,247	3,429	2,959
28	41	97 455	13 730,275	184 061,311	13,406	12,936	78	91	13 874	59,049	190,010	3,218	2,748
29	42	97 314	12 783,557	170 331,035	13,324	12,854	79	92	10 834	42,992	130,961	3,046	2,576
30	43	97 159	11 900,464	157 547,479	13,239	12,769	80	93	8 254	30,541	87,969	2,880	2,411
31	44	96 992	11 076,928	145 647,015	13,149	12,679	81	94	6 102	21,051	57,429	2,728	2,258
32	45	96 810	10 308,812	134 570,087	13,054	12,584	82	95	4 373	14,066	36,377	2,586	2,116
33	46	96 607	9 591,779	124 261,275	12,955	12,485	83	96	3 032	9,093	22,312	2,454	1,984
34	47	96 387	8 923,028	114 669,497	12,851	12,381	84	97	2 030	5,677	13,218	2,328	1,859
35	48	96 142	8 298,691	105 746,469	12,743	12,273	85	98	1 308	3,410	7,542	2,212	1,742
36	49	95 881	7 716,685	97 447,778	12,628	12,158	86	99	807	1,963	4,132	2,105	1,635
37	50	95 593	7 173,442	89 731,093	12,509	12,039	87	100	476	1,080	2,169	2,008	1,538
38	51	95 276	6 666,306	82 557,652	12,384	11,914							
39	52	94 936	6 193,512	75 891,346	12,253	11,783							
40	53	94 562	5 752,075	69 697,834	12,117	11,647							
41	54	94 146	5 339,651	63 945,758	11,976	11,506							
42	55	93 707	4 955,461	58 606,107	11,827	11,357							
43	56	93 219	4 596,430	53 650,647	11,672	11,202							
44	57	92 687	4 261,249	49 054,217	11,512	11,042							
45	58	92 108	3 948,378	44 792,968	11,345	10,875							
46	59	91 467	3 655,851	40 844,590	11,172	10,702							
47	60	90 779	3 383,087	37 188,738	10,993	10,523							
48	61	90 004	3 127,441	33 805,651	10,809	10,339							
49	62	89 176	2 889,211	30 678,210	10,618	10,148							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 438 910,297	14,456	13,986	50	64	87 682	2 648,789	27 215,030	10,275	9,805
1	15	99 122	92 421,110	1 339 372,069	14,492	14,022	51	65	86 680	2 441,487	24 566,241	10,062	9,592
2	16	99 073	86 131,180	1 246 950,958	14,477	14,007	52	66	85 596	2 247,975	22 124,753	9,842	9,372
3	17	99 038	80 280,426	1 160 819,779	14,460	13,990	53	67	84 445	2 067,852	19 876,778	9,612	9,142
4	18	99 006	74 829,104	1 080 539,352	14,440	13,970	54	68	83 204	1 899,714	17 808,927	9,375	8,905
5	19	98 970	69 745,435	1 005 710,248	14,420	13,950	55	69	81 861	1 742,706	15 909,212	9,129	8,659
6	20	98 937	65 009,201	935 964,813	14,397	13,928	56	70	80 404	1 595,993	14 166,506	8,876	8,406
7	21	98 906	60 595,461	870 955,612	14,373	13,903	57	71	78 852	1 459,372	12 570,514	8,614	8,144
8	22	98 875	56 481,589	810 360,151	14,347	13,877	58	72	77 180	1 331,871	11 111,142	8,343	7,873
9	23	98 843	52 646,323	753 878,562	14,320	13,850	59	73	75 314	1 211,809	9 779,270	8,070	7,600
10	24	98 812	49 072,102	701 232,239	14,290	13,820	60	74	73 298	1 099,649	8 567,461	7,791	7,321
11	25	98 780	45 740,381	652 160,136	14,258	13,788	61	75	71 119	994,839	7 467,812	7,507	7,037
12	26	98 749	42 634,724	606 419,755	14,224	13,754	62	76	68 753	896,725	6 472,973	7,218	6,749
13	27	98 712	39 737,881	563 785,030	14,188	13,718	63	77	66 187	804,896	5 576,248	6,928	6,458
14	28	98 678	37 038,830	524 047,149	14,149	13,679	64	78	63 426	719,184	4 771,352	6,634	6,164
15	29	98 636	34 520,376	487 008,320	14,108	13,638	65	79	60 435	638,949	4 052,167	6,342	5,872
16	30	98 589	32 171,476	452 487,944	14,065	13,595	66	80	57 259	564,449	3 413,218	6,047	5,577
17	31	98 533	29 979,589	420 316,468	14,020	13,550	67	81	53 863	495,073	2 848,770	5,754	5,284
18	32	98 467	27 934,343	390 336,878	13,973	13,503	68	82	50 274	430,849	2 353,697	5,463	4,993
19	33	98 378	26 022,517	362 402,536	13,926	13,457	69	83	46 483	371,433	1 922,848	5,177	4,707
20	34	98 289	24 241,414	336 380,019	13,876	13,406	70	84	42 524	316,827	1 551,415	4,897	4,427
21	35	98 190	22 580,047	312 138,605	13,824	13,354	71	85	38 449	267,101	1 234,588	4,622	4,152
22	36	98 093	21 032,817	289 558,558	13,767	13,297	72	86	34 261	221,918	967,487	4,360	3,890
23	37	97 992	19 590,844	268 525,741	13,707	13,237	73	87	30 049	181,480	745,570	4,108	3,638
24	38	97 887	18 246,846	248 934,897	13,643	13,173	74	88	25 751	145,008	564,089	3,890	3,420
25	39	97 772	16 993,549	230 688,051	13,575	13,105	75	89	21 707	113,974	419,081	3,677	3,207
26	40	97 646	15 824,274	213 694,502	13,504	13,034	76	90	17 932	87,786	305,107	3,476	3,006
27	41	97 517	14 735,047	197 870,227	13,429	12,959	77	91	14 600	66,642	217,322	3,261	2,791
28	42	97 374	13 718,866	183 135,181	13,349	12,879	78	92	11 472	48,825	150,679	3,086	2,616
29	43	97 222	12 771,464	169 416,315	13,265	12,795	79	93	8 786	34,867	101,854	2,921	2,451
30	44	97 056	11 887,902	156 644,851	13,177	12,707	80	94	6 546	24,222	66,987	2,766	2,296
31	45	96 882	11 064,402	144 756,949	13,083	12,613	81	95	4 727	16,306	42,765	2,623	2,153
32	46	96 680	10 294,868	133 692,547	12,986	12,516	82	96	3 304	10,628	26,459	2,490	2,020
33	47	96 458	9 576,903	123 397,679	12,885	12,415	83	97	2 231	6,693	15,831	2,365	1,896
34	48	96 220	8 907,543	113 820,776	12,778	12,308	84	98	1 453	4,065	9,138	2,248	1,778
35	49	95 964	8 283,314	104 913,233	12,666	12,196	85	99	910	2,372	5,074	2,139	1,669
36	50	95 681	7 700,541	96 629,919	12,548	12,079	86	100	545	1,325	2,701	2,039	1,569
37	51	95 370	7 156,681	88 929,379	12,426	11,956							
38	52	95 039	6 649,701	81 772,697	12,297	11,827							
39	53	94 673	6 176,351	75 122,996	12,163	11,693							
40	54	94 275	5 734,594	68 946,645	12,023	11,553							
41	55	93 846	5 322,638	63 212,051	11,876	11,406							
42	56	93 370	4 937,633	57 889,413	11,724	11,254							
43	57	92 865	4 578,996	52 951,780	11,564	11,094							
44	58	92 304	4 243,666	48 372,784	11,399	10,929							
45	59	91 688	3 930,375	44 129,118	11,228	10,758							
46	60	91 030	3 638,382	40 198,743	11,049	10,579							
47	61	90 283	3 364,589	36 560,361	10,866	10,396							
48	62	89 492	3 109,660	33 195,772	10,675	10,205							
49	63	88 616	2 871,082	30 086,112	10,479	10,009							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 437 594,844	14,444	13,975	50	65	87 051	2 629,729	26 606,339	10,118	9,648
1	16	99 108	92 408,582	1 338 068,937	14,480	14,010	51	66	86 008	2 422,584	23 976,610	9,897	9,427
2	17	99 057	86 117,333	1 245 660,356	14,465	13,995	52	67	84 892	2 229,497	21 554,026	9,668	9,198
3	18	99 021	80 266,334	1 159 543,023	14,446	13,976	53	68	83 684	2 049,201	19 324,528	9,430	8,960
4	19	98 984	74 812,759	1 079 276,689	14,426	13,956	54	69	82 389	1 881,106	17 275,328	9,184	8,714
5	20	98 948	69 730,436	1 004 463,930	14,405	13,935	55	70	80 963	1 723,592	15 394,221	8,931	8,462
6	21	98 916	64 995,484	934 733,494	14,382	13,912	56	71	79 444	1 576,923	13 670,629	8,669	8,199
7	22	98 884	60 582,364	869 738,010	14,356	13,886	57	72	77 800	1 439,900	12 093,706	8,399	7,929
8	23	98 852	56 468,610	809 155,646	14,329	13,859	58	73	75 986	1 311,260	10 653,806	8,125	7,655
9	24	98 820	52 634,348	752 687,035	14,300	13,830	59	74	74 008	1 190,802	9 342,546	7,846	7,376
10	25	98 789	49 060,946	700 052,687	14,269	13,799	60	75	71 882	1 078,399	8 151,744	7,559	7,089
11	26	98 758	45 730,188	650 991,741	14,235	13,766	61	76	69 535	972,673	7 073,344	7,272	6,802
12	27	98 722	42 623,334	605 261,553	14,200	13,730	62	77	67 010	873,996	6 100,671	6,980	6,510
13	28	98 686	39 727,623	562 638,219	14,162	13,692	63	78	64 270	781,590	5 226,676	6,687	6,217
14	29	98 652	37 029,210	522 910,595	14,122	13,652	64	79	61 317	695,266	4 445,085	6,393	5,923
15	30	98 609	34 510,801	485 881,386	14,079	13,609	65	80	58 166	614,956	3 749,820	6,098	5,628
16	31	98 562	32 162,647	451 370,585	14,034	13,564	66	81	54 776	539,967	3 134,863	5,806	5,336
17	32	98 500	29 969,815	419 207,938	13,988	13,518	67	82	51 197	470,569	2 594,897	5,514	5,044
18	33	98 433	27 924,668	389 238,122	13,939	13,469	68	83	47 415	406,347	2 124,328	5,228	4,758
19	34	98 342	26 013,102	361 313,455	13,890	13,420	69	84	43 463	347,305	1 717,981	4,947	4,477
20	35	98 249	24 231,576	335 300,353	13,837	13,367	70	85	39 378	293,386	1 370,676	4,672	4,202
21	36	98 148	22 570,424	311 068,777	13,782	13,312	71	86	35 169	244,318	1 077,289	4,409	3,939
22	37	98 047	21 023,009	288 498,352	13,723	13,253	72	87	30 950	200,470	832,971	4,155	3,685
23	38	97 940	19 580,526	267 475,343	13,660	13,190	73	88	26 604	160,672	632,501	3,937	3,467
24	39	97 829	18 236,088	247 894,817	13,594	13,124	74	89	22 520	126,815	471,830	3,721	3,251
25	40	97 704	16 981,598	229 658,729	13,524	13,054	75	90	18 673	98,044	345,015	3,519	3,049
26	41	97 576	15 812,995	212 677,131	13,450	12,980	76	91	15 274	74,776	246,971	3,303	2,833
27	42	97 436	14 722,802	196 864,136	13,371	12,901	77	92	12 072	55,103	172,195	3,125	2,655
28	43	97 282	13 705,888	182 141,334	13,289	12,819	78	93	9 304	39,598	117,091	2,957	2,487
29	44	97 119	12 757,983	168 435,445	13,202	12,732	79	94	6 969	27,654	77,493	2,802	2,332
30	45	96 947	11 874,459	155 677,462	13,110	12,640	80	95	5 071	18,763	49,839	2,656	2,186
31	46	96 751	11 049,437	143 803,003	13,015	12,545	81	96	3 571	12,320	31,077	2,522	2,052
32	47	96 530	10 278,902	132 753,567	12,915	12,445	82	97	2 432	7,822	18,756	2,398	1,928
33	48	96 290	9 560,283	122 474,665	12,811	12,341	83	98	1 598	4,792	10,934	2,282	1,812
34	49	96 042	8 891,037	112 914,382	12,700	12,230	84	99	1 011	2,828	6,142	2,172	1,702
35	50	95 764	8 265,984	104 023,344	12,585	12,115	85	100	614	1,602	3,314	2,069	1,599
36	51	95 457	7 682,549	95 757,360	12,464	11,994							
37	52	95 132	7 138,856	88 074,811	12,337	11,867							
38	53	94 775	6 631,276	80 935,956	12,205	11,735							
39	54	94 385	6 157,580	74 304,680	12,067	11,597							
40	55	93 974	5 716,323	68 147,100	11,921	11,452							
41	56	93 508	5 303,489	62 430,777	11,772	11,302							
42	57	93 015	4 918,905	57 127,288	11,614	11,144							
43	58	92 482	4 560,102	52 208,382	11,449	10,979							
44	59	91 884	4 224,317	47 648,281	11,280	10,810							
45	60	91 250	3 911,594	43 423,964	11,101	10,631							
46	61	90 532	3 618,488	39 512,370	10,920	10,450							
47	62	89 770	3 345,459	35 893,882	10,729	10,259							
48	63	88 930	3 090,148	32 548,422	10,533	10,063							
49	64	88 025	2 851,936	29 458,274	10,329	9,859							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 436 184,216	14,432	13,962	50	66	86 377	2 609,368	25 961,777	9,949	9,480
1	17	99 092	92 393,726	1 336 671,801	14,467	13,997	51	67	85 301	2 402,671	23 352,409	9,719	9,249
2	18	99 040	86 102,216	1 244 278,075	14,451	13,981	52	68	84 126	2 209,388	20 949,738	9,482	9,012
3	19	98 999	80 248,801	1 158 175,859	14,432	13,962	53	69	82 864	2 029,128	18 740,350	9,236	8,766
4	20	98 963	74 796,670	1 077 927,058	14,411	13,942	54	70	81 485	1 860,475	16 711,221	8,982	8,512
5	21	98 928	69 715,724	1 003 130,388	14,389	13,919	55	71	79 996	1 702,999	14 850,746	8,720	8,250
6	22	98 895	64 981,436	933 414,665	14,364	13,894	56	72	78 384	1 555,883	13 147,748	8,450	7,980
7	23	98 862	60 568,442	868 433,229	14,338	13,868	57	73	76 596	1 417,617	11 591,865	8,177	7,707
8	24	98 830	56 455,766	807 864,787	14,310	13,840	58	74	74 669	1 288,529	10 174,248	7,896	7,426
9	25	98 798	52 622,382	751 409,020	14,279	13,809	59	75	72 578	1 167,791	8 885,719	7,609	7,139
10	26	98 767	49 050,013	698 786,639	14,246	13,777	60	76	70 280	1 054,371	7 717,928	7,320	6,850
11	27	98 732	45 717,971	649 736,626	14,212	13,742	61	77	67 772	948,018	6 663,557	7,029	6,559
12	28	98 697	42 612,332	604 018,655	14,175	13,705	62	78	65 070	848,690	5 715,539	6,735	6,265
13	29	98 661	39 717,305	561 406,323	14,135	13,665	63	79	62 133	755,596	4 866,849	6,441	5,971
14	30	98 625	37 018,939	521 689,018	14,092	13,623	64	80	59 014	669,158	4 111,253	6,144	5,674
15	31	98 581	34 501,330	484 670,079	14,048	13,578	65	81	55 643	588,284	3 442,095	5,851	5,381
16	32	98 530	32 152,161	450 168,749	14,001	13,531	66	82	52 065	513,241	2 853,811	5,560	5,090
17	33	98 466	29 959,436	418 016,588	13,953	13,483	67	83	48 285	443,808	2 340,571	5,274	4,804
18	34	98 397	27 914,565	388 057,152	13,902	13,432	68	84	44 335	379,951	1 896,762	4,992	4,522
19	35	98 303	26 002,545	360 142,588	13,850	13,380	69	85	40 248	321,609	1 516,811	4,716	4,246
20	36	98 207	24 221,250	334 140,043	13,795	13,325	70	86	36 019	268,362	1 195,202	4,454	3,984
21	37	98 103	22 559,900	309 918,793	13,738	13,268	71	87	31 770	220,705	926,840	4,199	3,730
22	38	97 996	21 011,937	287 358,893	13,676	13,206	72	88	27 401	177,484	706,134	3,979	3,509
23	39	97 883	19 568,982	266 346,957	13,611	13,141	73	89	23 266	140,513	528,651	3,762	3,292
24	40	97 760	18 223,263	246 777,975	13,542	13,072	74	90	19 372	109,090	388,137	3,558	3,088
25	41	97 634	16 969,494	228 554,712	13,469	12,999	75	91	15 906	83,514	279,047	3,341	2,871
26	42	97 495	15 799,855	211 585,218	13,392	12,922	76	92	12 630	61,829	195,533	3,162	2,693
27	43	97 343	14 708,875	195 785,363	13,311	12,841	77	93	9 790	44,690	133,704	2,992	2,522
28	44	97 179	13 691,421	181 076,488	13,226	12,756	78	94	7 379	31,406	89,014	2,834	2,364
29	45	97 009	12 743,556	167 385,067	13,135	12,665	79	95	5 398	21,421	57,608	2,689	2,219
30	46	96 816	11 858,398	154 641,511	13,041	12,571	80	96	3 831	14,176	36,188	2,553	2,083
31	47	96 601	11 032,300	142 783,112	12,942	12,472	81	97	2 628	9,068	22,011	2,427	1,957
32	48	96 362	10 261,064	131 750,813	12,840	12,370	82	98	1 741	5,601	12,943	2,311	1,841
33	49	96 112	9 542,568	121 489,749	12,731	12,261	83	99	1 112	3,334	7,343	2,202	1,732
34	50	95 841	8 872,437	111 947,181	12,617	12,148	84	100	683	1,909	4,009	2,100	1,630
35	51	95 540	8 246,671	103 074,744	12,499	12,029							
36	52	95 219	7 663,413	94 828,073	12,374	11,904							
37	53	94 869	7 119,075	87 164,660	12,244	11,774							
38	54	94 487	6 611,122	80 045,585	12,108	11,638							
39	55	94 085	6 137,961	73 434,463	11,964	11,494							
40	56	93 636	5 695,758	67 296,501	11,815	11,345							
41	57	93 154	5 283,374	61 600,744	11,659	11,189							
42	58	92 632	4 898,609	56 317,370	11,497	11,027							
43	59	92 061	4 539,309	51 418,761	11,327	10,858							
44	60	91 444	4 204,131	46 879,452	11,151	10,681							
45	61	90 751	3 890,206	42 675,321	10,970	10,500							
46	62	90 017	3 597,915	38 785,115	10,780	10,310							
47	63	89 206	3 324,467	35 187,199	10,584	10,114							
48	64	88 337	3 069,541	31 862,732	10,380	9,910							
49	65	87 392	2 831,414	28 793,191	10,169	9,699							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 434 672,718	14,419	13,949	50	67	85 667	2 587,920	25 280,165	9,769	9,299
1	18	99 075	92 377,507	1 335 176,302	14,453	13,984	51	68	84 532	2 381,000	22 692,245	9,531	9,061
2	19	99 018	86 083,408	1 242 798,794	14,437	13,967	52	69	83 302	2 187,747	20 311,245	9,284	8,814
3	20	98 978	80 231,543	1 156 715,386	14,417	13,947	53	70	81 955	2 006,874	18 123,498	9,031	8,561
4	21	98 942	74 780,889	1 076 483,843	14,395	13,925	54	71	80 511	1 838,246	16 116,625	8,767	8,297
5	22	98 906	69 700,655	1 001 702,954	14,371	13,902	55	72	78 928	1 680,275	14 278,379	8,498	8,028
6	23	98 872	64 966,503	932 002,299	14,346	13,876	56	73	77 171	1 531,805	12 598,104	8,224	7,754
7	24	98 839	60 554,666	867 035,796	14,318	13,848	57	74	75 268	1 393,042	11 066,299	7,944	7,474
8	25	98 807	56 442,931	806 481,130	14,288	13,819	58	75	73 226	1 263,629	9 673,257	7,655	7,185
9	26	98 776	52 610,655	750 038,200	14,256	13,786	59	76	70 961	1 141,771	8 409,627	7,365	6,896
10	27	98 741	49 036,909	697 427,544	14,223	13,753	60	77	68 499	1 027,645	7 267,856	7,072	6,602
11	28	98 706	45 706,170	648 390,636	14,186	13,716	61	78	65 810	920,569	6 240,211	6,779	6,309
12	29	98 671	42 601,264	602 684,466	14,147	13,677	62	79	62 906	820,464	5 319,642	6,484	6,014
13	30	98 633	39 706,289	560 083,202	14,106	13,636	63	80	59 800	727,223	4 499,178	6,187	5,717
14	31	98 598	37 008,780	520 376,913	14,061	13,591	64	81	56 454	640,135	3 771,955	5,892	5,423
15	32	98 549	34 490,082	483 368,133	14,015	13,545	65	82	52 889	559,166	3 131,820	5,601	5,131
16	33	98 496	32 141,025	448 878,052	13,966	13,496	66	83	49 104	484,054	2 572,654	5,315	4,845
17	34	98 431	29 948,596	416 737,027	13,915	13,445	67	84	45 149	414,979	2 088,600	5,033	4,563
18	35	98 357	27 903,236	386 788,430	13,862	13,392	68	85	41 055	351,840	1 673,621	4,757	4,287
19	36	98 261	25 991,464	358 885,194	13,808	13,338	69	86	36 815	294,177	1 321,781	4,493	4,023
20	37	98 161	24 209,955	332 893,730	13,750	13,280	70	87	32 538	242,425	1 027,604	4,239	3,769
21	38	98 051	22 548,017	308 683,774	13,690	13,220	71	88	28 127	195,399	785,178	4,018	3,548
22	39	97 938	20 999,549	286 135,757	13,626	13,156	72	89	23 963	155,216	589,780	3,800	3,330
23	40	97 814	19 555,220	265 136,209	13,558	13,088	73	90	20 014	120,874	434,563	3,595	3,125
24	41	97 690	18 210,274	245 580,989	13,486	13,016	74	91	16 502	92,923	313,689	3,376	2,906
25	42	97 553	16 955,393	227 370,715	13,410	12,940	75	92	13 152	69,054	220,766	3,197	2,727
26	43	97 403	15 784,909	210 415,322	13,330	12,860	76	93	10 243	50,144	151,712	3,026	2,556
27	44	97 241	14 693,349	194 630,414	13,246	12,776	77	94	7 765	35,444	101,567	2,866	2,396
28	45	97 069	13 675,939	179 937,065	13,157	12,687	78	95	5 716	24,327	66,123	2,718	2,248
29	46	96 878	12 726,320	166 261,126	13,064	12,594	79	96	4 078	16,184	41,796	2,582	2,113
30	47	96 665	11 840,007	153 534,806	12,967	12,498	80	97	2 820	10,434	25,611	2,455	1,985
31	48	96 434	11 013,154	141 694,800	12,866	12,396	81	98	1 882	6,493	15,178	2,338	1,868
32	49	96 183	10 242,050	130 681,645	12,759	12,289	82	99	1 211	3,897	8,685	2,229	1,759
33	50	95 911	9 522,604	120 439,595	12,648	12,178	83	100	750	2,251	4,788	2,127	1,657
34	51	95 617	8 851,707	110 916,991	12,531	12,061							
35	52	95 302	8 226,130	102 065,284	12,407	11,938							
36	53	94 955	7 642,179	93 839,154	12,279	11,809							
37	54	94 581	7 097,439	86 196,975	12,145	11,675							
38	55	94 186	6 590,058	79 099,536	12,003	11,533							
39	56	93 746	6 115,880	72 509,477	11,856	11,386							
40	57	93 281	5 674,155	66 393,598	11,701	11,231							
41	58	92 769	5 261,573	60 719,443	11,540	11,070							
42	59	92 209	4 876,273	55 457,870	11,373	10,903							
43	60	91 621	4 517,619	50 581,598	11,197	10,727							
44	61	90 944	4 181,144	46 063,979	11,017	10,547							
45	62	90 235	3 868,088	41 882,835	10,828	10,358							
46	63	89 453	3 575,339	38 014,747	10,632	10,163							
47	64	88 611	3 302,298	34 439,407	10,429	9,959							
48	65	87 702	3 047,453	31 137,110	10,217	9,748							
49	66	86 715	2 809,492	28 089,657	9,998	9,528							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 433 055,698	14,406	13,936	50	68	84 895	2 564,578	24 560,029	9,577	9,107
1	19	99 053	92 357,329	1 333 576,747	14,439	13,969	51	69	83 704	2 357,678	21 995,451	9,329	8,859
2	20	98 997	86 064,896	1 241 219,418	14,422	13,952	52	70	82 389	2 163,752	19 637,773	9,076	8,606
3	21	98 957	80 214,615	1 155 154,522	14,401	13,931	53	71	80 976	1 982,895	17 474,021	8,812	8,342
4	22	98 920	74 764,725	1 074 939,907	14,378	13,908	54	72	79 437	1 813,718	15 491,126	8,541	8,071
5	23	98 883	69 684,638	1 000 175,182	14,353	13,883	55	73	77 707	1 654,273	13 677,408	8,268	7,798
6	24	98 850	64 951,726	930 490,544	14,326	13,856	56	74	75 833	1 505,251	12 023,135	7,987	7,518
7	25	98 817	60 540,898	865 538,818	14,297	13,827	57	75	73 814	1 366,123	10 517,885	7,699	7,229
8	26	98 785	56 430,353	804 997,920	14,265	13,795	58	76	71 594	1 235,474	9 151,762	7,407	6,938
9	27	98 749	52 596,600	748 567,567	14,232	13,762	59	77	69 162	1 112,830	7 916,288	7,114	6,644
10	28	98 715	49 024,251	695 970,967	14,196	13,727	60	78	66 515	997,891	6 803,458	6,818	6,348
11	29	98 681	45 694,299	646 946,716	14,158	13,688	61	79	63 621	889,952	5 805,567	6,523	6,054
12	30	98 644	42 589,448	601 252,418	14,117	13,648	62	80	60 544	789,655	4 915,615	6,225	5,755
13	31	98 606	39 695,392	558 662,970	14,074	13,604	63	81	57 206	695,681	4 125,960	5,931	5,461
14	32	98 566	36 996,714	518 967,578	14,027	13,557	64	82	53 660	608,451	3 430,279	5,638	5,168
15	33	98 515	34 478,136	481 970,864	13,979	13,509	65	83	49 881	527,367	2 821,828	5,351	4,881
16	34	98 460	32 129,397	447 492,728	13,928	13,458	66	84	45 914	452,610	2 294,460	5,069	4,599
17	35	98 391	29 936,443	415 363,331	13,875	13,405	67	85	41 808	384,276	1 841,850	4,793	4,323
18	36	98 315	27 891,345	385 426,888	13,819	13,349	68	86	37 553	321,830	1 457,574	4,529	4,059
19	37	98 215	25 979,344	357 535,543	13,762	13,292	69	87	33 257	265,746	1 135,744	4,274	3,804
20	38	98 110	24 197,204	331 556,199	13,702	13,232	70	88	28 807	214,628	869,998	4,054	3,584
21	39	97 993	22 534,724	307 358,995	13,639	13,169	71	89	24 599	170,884	655,370	3,835	3,365
22	40	97 869	20 984,780	284 824,272	13,573	13,103	72	90	20 614	133,522	484,486	3,629	3,159
23	41	97 744	19 541,281	263 839,491	13,502	13,032	73	91	17 048	102,961	350,964	3,409	2,939
24	42	97 609	18 195,141	244 298,210	13,427	12,957	74	92	13 644	76,834	248,003	3,228	2,758
25	43	97 461	16 939,354	226 103,069	13,348	12,878	75	93	10 666	56,004	171,169	3,056	2,586
26	44	97 300	15 768,247	209 163,715	13,265	12,795	76	94	8 124	39,770	115,165	2,896	2,426
27	45	97 131	14 676,734	193 395,468	13,177	12,707	77	95	6 015	27,455	75,395	2,746	2,276
28	46	96 938	13 657,441	178 718,735	13,086	12,616	78	96	4 319	18,380	47,939	2,608	2,138
29	47	96 728	12 706,582	165 061,294	12,990	12,520	79	97	3 002	11,912	29,559	2,481	2,012
30	48	96 498	11 819,459	152 354,711	12,890	12,420	80	98	2 019	7,471	17,647	2,362	1,892
31	49	96 255	10 992,747	140 535,252	12,784	12,314	81	99	1 309	4,517	10,176	2,253	1,783
32	50	95 982	10 220,623	129 542,505	12,675	12,205	82	100	818	2,631	5,659	2,151	1,681
33	51	95 687	9 500,355	119 321,882	12,560	12,090							
34	52	95 379	8 829,659	109 821,527	12,438	11,968							
35	53	95 038	8 203,337	100 991,868	12,311	11,841							
36	54	94 667	7 618,953	92 788,530	12,179	11,709							
37	55	94 279	7 074,825	85 169,577	12,038	11,569							
38	56	93 847	6 566,350	78 094,752	11,893	11,423							
39	57	93 391	6 092,683	71 528,402	11,740	11,270							
40	58	92 896	5 650,741	65 435,719	11,580	11,110							
41	59	92 346	5 237,582	59 784,978	11,415	10,945							
42	60	91 769	4 852,972	54 547,395	11,240	10,770							
43	61	91 120	4 492,917	49 694,423	11,061	10,591							
44	62	90 427	4 157,372	45 201,506	10,873	10,403							
45	63	89 669	3 843,817	41 044,134	10,678	10,208							
46	64	88 856	3 551,497	37 200,317	10,475	10,005							
47	65	87 974	3 278,535	33 648,821	10,263	9,793							
48	66	87 023	3 023,858	30 370,286	10,044	9,574							
49	67	86 002	2 786,398	27 346,427	9,814	9,344							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 431 327,057	14,391	13,921	50	69	84 063	2 539,458	23 800,677	9,372	8,902
1	20	99 032	92 337,467	1 331 869,836	14,424	13,954	51	70	82 786	2 331,819	21 261,219	9,118	8,648
2	21	98 976	86 046,737	1 239 532,369	14,405	13,935	52	71	81 404	2 137,899	18 929,400	8,854	8,384
3	22	98 935	80 197,277	1 153 485,632	14,383	13,913	53	72	79 896	1 956,437	16 791,501	8,583	8,113
4	23	98 898	74 747,545	1 073 288,356	14,359	13,889	54	73	78 208	1 785,650	14 835,063	8,308	7,838
5	24	98 861	69 668,788	998 540,811	14,333	13,863	55	74	76 360	1 625,595	13 049,413	8,027	7,558
6	25	98 827	64 936,959	928 872,023	14,304	13,834	56	75	74 367	1 476,163	11 423,818	7,739	7,269
7	26	98 795	60 527,407	863 935,064	14,273	13,804	57	76	72 169	1 335,684	9 947,655	7,448	6,978
8	27	98 759	56 415,277	803 407,657	14,241	13,771	58	77	69 779	1 204,158	8 611,970	7,152	6,682
9	28	98 724	52 583,023	746 992,379	14,206	13,736	59	78	67 160	1 080,609	7 407,813	6,855	6,385
10	29	98 690	49 011,518	694 409,357	14,168	13,698	60	79	64 303	964,703	6 327,204	6,559	6,089
11	30	98 653	45 681,625	645 397,839	14,128	13,658	61	80	61 232	856,534	5 362,501	6,261	5,791
12	31	98 617	42 577,760	599 716,214	14,085	13,615	62	81	57 918	755,405	4 505,967	5,965	5,495
13	32	98 574	39 682,450	557 138,455	14,040	13,570	63	82	54 374	661,248	3 750,562	5,672	5,202
14	33	98 531	36 983,900	517 456,005	13,991	13,521	64	83	50 609	573,849	3 089,314	5,383	4,914
15	34	98 480	34 465,662	480 472,104	13,941	13,471	65	84	46 641	493,110	2 515,465	5,101	4,631
16	35	98 420	32 116,358	446 006,442	13,887	13,417	66	85	42 517	419,123	2 022,355	4,825	4,355
17	36	98 349	29 923,685	413 890,084	13,832	13,362	67	86	38 242	351,499	1 603,231	4,561	4,091
18	37	98 269	27 878,339	383 966,399	13,773	13,303	68	87	33 923	290,726	1 251,732	4,306	3,836
19	38	98 163	25 965,661	356 088,060	13,714	13,244	69	88	29 443	235,275	961,006	4,085	3,615
20	39	98 052	24 182,938	330 122,399	13,651	13,181	70	89	25 193	187,701	725,731	3,866	3,397
21	40	97 924	22 518,876	305 939,461	13,586	13,116	71	90	21 160	147,000	538,031	3,660	3,190
22	41	97 799	20 969,823	283 420,585	13,516	13,046	72	91	17 559	113,734	391,031	3,438	2,968
23	42	97 663	19 525,043	262 450,763	13,442	12,972	73	92	14 096	85,134	277,297	3,257	2,787
24	43	97 517	18 177,930	242 925,720	13,364	12,894	74	93	11 066	62,314	192,163	3,084	2,614
25	44	97 358	16 921,474	224 747,791	13,282	12,812	75	94	8 460	44,418	129,849	2,923	2,453
26	45	97 190	15 750,416	207 826,317	13,195	12,725	76	95	6 293	30,806	85,431	2,773	2,303
27	46	96 999	14 656,882	192 075,901	13,105	12,635	77	96	4 544	20,744	54,625	2,633	2,163
28	47	96 788	13 636,260	177 419,019	13,011	12,541	78	97	3 179	13,528	33,881	2,504	2,035
29	48	96 560	12 684,531	163 782,759	12,912	12,442	79	98	2 149	8,529	20,353	2,386	1,916
30	49	96 319	11 797,558	151 098,228	12,808	12,338	80	99	1 405	5,198	11,823	2,275	1,805
31	50	96 053	10 969,750	139 300,670	12,699	12,229	81	100	884	3,050	6,625	2,173	1,703
32	51	95 758	10 196,743	128 330,920	12,585	12,116							
33	52	95 448	9 476,692	118 134,177	12,466	11,996							
34	53	95 115	8 805,193	108 657,486	12,340	11,870							
35	54	94 749	8 178,406	99 852,292	12,209	11,739							
36	55	94 365	7 594,678	91 673,886	12,071	11,601							
37	56	93 940	7 049,373	84 079,208	11,927	11,457							
38	57	93 491	6 541,445	77 029,835	11,776	11,306							
39	58	93 005	6 067,543	70 488,390	11,617	11,147							
40	59	92 473	5 624,976	64 420,848	11,453	10,983							
41	60	91 905	5 212,555	58 795,872	11,280	10,810							
42	61	91 267	4 826,437	53 583,316	11,102	10,632							
43	62	90 602	4 467,373	48 756,880	10,914	10,444							
44	63	89 860	4 131,285	44 289,507	10,721	10,251							
45	64	89 071	3 818,184	40 158,222	10,518	10,048							
46	65	88 217	3 525,941	36 340,038	10,306	9,837							
47	66	87 293	3 253,151	32 814,097	10,087	9,617							
48	67	86 307	2 999,003	29 560,946	9,857	9,387							
49	68	85 227	2 761,266	26 561,943	9,619	9,150							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 429 483,288	14,376	13,906	50	70	83 141	2 511,606	23 001,261	9,158	8,688
1	21	99 011	92 317,985	1 330 047,456	14,407	13,937	51	71	81 797	2 303,958	20 489,656	8,893	8,423
2	22	98 954	86 028,138	1 237 729,471	14,387	13,918	52	72	80 318	2 109,373	18 185,697	8,621	8,151
3	23	98 913	80 178,848	1 151 701,333	14,364	13,894	53	73	78 659	1 926,161	16 076,324	8,346	7,876
4	24	98 875	74 730,543	1 071 522,485	14,338	13,869	54	74	76 852	1 754,695	14 150,163	8,064	7,594
5	25	98 838	69 652,948	996 791,942	14,311	13,841	55	75	74 884	1 594,182	12 395,467	7,775	7,306
6	26	98 805	64 922,489	927 138,994	14,281	13,811	56	76	72 711	1 443,272	10 801,285	7,484	7,014
7	27	98 768	60 511,237	862 216,505	14,249	13,779	57	77	70 340	1 301,828	9 358,013	7,188	6,718
8	28	98 733	56 400,715	801 705,268	14,214	13,745	58	78	67 759	1 169,292	8 056,185	6,890	6,420
9	29	98 698	52 569,365	745 304,554	14,178	13,708	59	79	64 926	1 044,670	6 886,893	6,592	6,123
10	30	98 662	48 997,924	692 735,188	14,138	13,668	60	80	61 888	928,478	5 842,223	6,292	5,822
11	31	98 626	45 669,088	643 737,265	14,096	13,626	61	81	58 576	819,384	4 913,746	5,997	5,527
12	32	98 585	42 563,878	598 068,177	14,051	13,581	62	82	55 051	718,016	4 094,362	5,702	5,232
13	33	98 540	39 668,706	555 504,299	14,004	13,534	63	83	51 282	623,644	3 376,346	5,414	4,944
14	34	98 496	36 970,520	515 835,592	13,953	13,483	64	84	47 321	536,573	2 752,702	5,130	4,660
15	35	98 440	34 451,675	478 865,072	13,900	13,430	65	85	43 190	456,627	2 216,130	4,853	4,383
16	36	98 378	32 102,672	444 413,397	13,844	13,374	66	86	38 891	383,374	1 759,503	4,590	4,120
17	37	98 303	29 909,731	412 310,726	13,785	13,315	67	87	34 546	317,528	1 376,129	4,334	3,864
18	38	98 218	27 863,656	382 400,994	13,724	13,254	68	88	30 034	257,391	1 058,601	4,113	3,643
19	39	98 105	25 950,352	354 537,339	13,662	13,192	69	89	25 749	205,757	801,210	3,894	3,424
20	40	97 983	24 165,931	328 586,987	13,597	13,127	70	90	21 672	161,466	595,454	3,688	3,218
21	41	97 854	22 502,825	304 421,056	13,528	13,058	71	91	18 025	125,215	433,988	3,466	2,996
22	42	97 718	20 952,397	281 918,231	13,455	12,985	72	92	14 519	94,042	308,773	3,283	2,813
23	43	97 571	19 506,573	260 965,834	13,378	12,908	73	93	11 432	69,045	214,731	3,110	2,640
24	44	97 414	18 158,742	241 459,261	13,297	12,827	74	94	8 777	49,422	145,686	2,948	2,478
25	45	97 248	16 902,338	223 300,519	13,211	12,741	75	95	6 553	34,406	96,264	2,798	2,328
26	46	97 059	15 729,112	206 398,181	13,122	12,652	76	96	4 754	23,276	61,858	2,658	2,188
27	47	96 849	14 634,151	190 669,068	13,029	12,559	77	97	3 345	15,268	38,582	2,527	2,057
28	48	96 620	13 612,595	176 034,918	12,932	12,462	78	98	2 276	9,687	23,314	2,407	1,937
29	49	96 381	12 661,027	162 422,323	12,829	12,359	79	99	1 495	5,934	13,627	2,296	1,827
30	50	96 117	11 772,877	149 761,296	12,721	12,251	80	100	948	3,509	7,693	2,192	1,722
31	51	95 829	10 944,119	137 988,419	12,608	12,139							
32	52	95 519	10 171,345	127 044,300	12,490	12,021							
33	53	95 184	9 450,433	116 872,954	12,367	11,897							
34	54	94 826	8 778,433	107 422,521	12,237	11,767							
35	55	94 447	8 152,348	98 644,088	12,100	11,630							
36	56	94 026	7 567,356	90 491,740	11,958	11,488							
37	57	93 584	7 022,636	82 924,384	11,808	11,338							
38	58	93 106	6 514,453	75 901,749	11,651	11,181							
39	59	92 581	6 039,877	69 387,295	11,488	11,018							
40	60	92 031	5 598,098	63 347,419	11,316	10,846							
41	61	91 403	5 184,054	57 749,321	11,140	10,670							
42	62	90 748	4 798,996	52 565,267	10,953	10,483							
43	63	90 033	4 439,341	47 766,271	10,760	10,290							
44	64	89 261	4 103,735	43 326,930	10,558	10,088							
45	65	88 430	3 790,709	39 223,195	10,347	9,877							
46	66	87 534	3 498,641	35 432,486	10,127	9,658							
47	67	86 575	3 226,411	31 933,844	9,898	9,428							
48	68	85 529	2 971,953	28 707,433	9,659	9,190							
49	69	84 392	2 734,219	25 735,480	9,412	8,942							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 427 515,699	14,359	13,889	50	71	82 148	2 481,597	22 161,917	8,931	8,461
1	22	98 990	92 298,030	1 328 100,847	14,389	13,919	51	72	80 706	2 273,217	19 680,321	8,657	8,188
2	23	98 932	86 008,369	1 235 802,816	14,368	13,899	52	73	79 075	2 076,730	17 407,104	8,382	7,912
3	24	98 890	80 160,611	1 149 794,447	14,344	13,874	53	74	77 296	1 892,770	15 330,374	8,099	7,630
4	25	98 853	74 713,553	1 069 633,836	14,316	13,847	54	75	75 367	1 720,788	13 437,603	7,809	7,339
5	26	98 816	69 637,427	994 920,283	14,287	13,817	55	76	73 216	1 558,662	11 716,816	7,517	7,047
6	27	98 779	64 905,144	925 282,857	14,256	13,786	56	77	70 867	1 406,689	10 158,154	7,221	6,751
7	28	98 743	60 495,617	860 377,713	14,222	13,752	57	78	68 303	1 264,134	8 751,465	6,923	6,453
8	29	98 708	56 386,065	799 882,096	14,186	13,716	58	79	65 505	1 130,404	7 487,331	6,624	6,154
9	30	98 671	52 554,785	743 496,030	14,147	13,677	59	80	62 488	1 005,442	6 356,927	6,323	5,853
10	31	98 635	48 984,477	690 941,246	14,105	13,635	60	81	59 204	888,207	5 351,485	6,025	5,555
11	32	98 594	45 654,199	641 956,769	14,061	13,591	61	82	55 677	778,827	4 463,279	5,731	5,261
12	33	98 550	42 549,137	596 302,571	14,014	13,545	62	83	51 921	677,184	3 684,451	5,441	4,971
13	34	98 504	39 654,354	553 753,434	13,965	13,495	63	84	47 951	583,133	3 007,268	5,157	4,687
14	35	98 456	36 955,516	514 099,080	13,911	13,441	64	85	43 820	496,874	2 424,135	4,879	4,409
15	36	98 398	34 436,994	477 143,563	13,856	13,386	65	86	39 506	417,679	1 927,261	4,614	4,144
16	37	98 332	32 087,702	442 706,570	13,797	13,327	66	87	35 132	346,322	1 509,582	4,359	3,889
17	38	98 251	29 893,978	410 618,868	13,736	13,266	67	88	30 585	281,119	1 163,261	4,138	3,668
18	39	98 160	27 847,228	380 724,890	13,672	13,202	68	89	26 266	225,098	882,141	3,919	3,449
19	40	98 036	25 932,102	352 877,662	13,608	13,138	69	90	22 150	176,998	657,043	3,712	3,242
20	41	97 913	24 148,706	326 945,560	13,539	13,069	70	91	18 460	137,537	480,045	3,490	3,020
21	42	97 773	22 484,125	302 796,854	13,467	12,997	71	92	14 904	103,535	342,508	3,308	2,838
22	43	97 626	20 932,577	280 312,729	13,391	12,921	72	93	11 775	76,270	238,973	3,133	2,663
23	44	97 468	19 485,983	259 380,152	13,311	12,841	73	94	9 067	54,761	162,704	2,971	2,501
24	45	97 304	18 138,208	239 894,169	13,226	12,756	74	95	6 798	38,283	107,943	2,820	2,350
25	46	97 116	16 879,477	221 755,962	13,138	12,668	75	96	4 951	25,996	69,660	2,680	2,210
26	47	96 908	15 704,718	204 876,485	13,046	12,576	76	97	3 499	17,131	43,664	2,549	2,079
27	48	96 681	14 608,754	189 171,767	12,949	12,479	77	98	2 395	10,932	26,533	2,427	1,957
28	49	96 441	13 587,371	174 563,012	12,847	12,378	78	99	1 583	6,739	15,601	2,315	1,845
29	50	96 179	12 634,539	160 975,641	12,741	12,271	79	100	1 010	4,006	8,861	2,212	1,742
30	51	95 893	11 745,370	148 341,102	12,630	12,160							
31	52	95 590	10 916,860	136 595,732	12,512	12,042							
32	53	95 255	10 143,162	125 678,872	12,391	11,921							
33	54	94 894	9 421,712	115 535,710	12,263	11,793							
34	55	94 523	8 750,463	106 113,998	12,127	11,657							
35	56	94 107	8 123,020	97 363,535	11,986	11,516							
36	57	93 669	7 538,654	89 240,515	11,838	11,368							
37	58	93 198	6 993,658	81 701,861	11,682	11,212							
38	59	92 681	6 484,750	74 708,203	11,521	11,051							
39	60	92 139	6 011,016	68 223,453	11,350	10,880							
40	61	91 527	5 567,488	62 212,437	11,174	10,704							
41	62	90 883	5 154,580	56 644,949	10,989	10,519							
42	63	90 179	4 768,883	51 490,369	10,797	10,327							
43	64	89 433	4 409,737	46 721,486	10,595	10,125							
44	65	88 618	4 074,206	42 311,749	10,385	9,915							
45	66	87 745	3 761,360	38 237,544	10,166	9,696							
46	67	86 814	3 469,883	34 476,184	9,936	9,466							
47	68	85 794	3 197,310	31 006,301	9,698	9,228							
48	69	84 691	2 942,842	27 808,991	9,450	8,980							
49	70	83 466	2 704,231	24 866,148	9,195	8,725							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 425 414,903	14,341	13,871	50	72	81 052	2 448,485	21 282,190	8,692	8,222
1	23	98 967	92 276,821	1 326 021,538	14,370	13,900	51	73	79 457	2 238,038	18 833,706	8,415	7,945
2	24	98 909	85 988,806	1 233 744,718	14,348	13,878	52	74	77 704	2 040,729	16 595,667	8,132	7,662
3	25	98 868	80 142,386	1 147 755,911	14,321	13,852	53	75	75 802	1 856,194	14 554,938	7,841	7,371
4	26	98 831	74 696,903	1 067 613,525	14,293	13,823	54	76	73 688	1 682,446	12 698,743	7,548	7,078
5	27	98 790	69 618,822	992 916,622	14,262	13,792	55	77	71 360	1 519,154	11 016,297	7,252	6,782
6	28	98 753	64 888,390	923 297,800	14,229	13,759	56	78	68 816	1 365,959	9 497,143	6,953	6,483
7	29	98 717	60 479,904	858 409,410	14,193	13,723	57	79	66 031	1 222,091	8 131,184	6,653	6,184
8	30	98 680	56 370,426	797 929,505	14,155	13,685	58	80	63 046	1 087,957	6 909,093	6,351	5,881
9	31	98 644	52 540,361	741 559,079	14,114	13,644	59	81	59 778	961,832	5 821,136	6,052	5,582
10	32	98 603	48 968,506	689 018,718	14,071	13,601	60	82	56 274	844,244	4 859,304	5,756	5,286
11	33	98 560	45 638,386	640 050,211	14,024	13,554	61	83	52 511	734,537	4 015,060	5,466	4,996
12	34	98 515	42 533,743	594 411,825	13,975	13,505	62	84	48 548	633,194	3 280,523	5,181	4,711
13	35	98 464	39 638,262	551 878,082	13,923	13,453	63	85	44 403	539,989	2 647,328	4,903	4,433
14	36	98 414	36 939,768	512 239,820	13,867	13,397	64	86	40 082	454,493	2 107,339	4,637	4,167
15	37	98 352	34 420,935	475 300,053	13,808	13,339	65	87	35 688	377,311	1 652,846	4,381	3,911
16	38	98 280	32 070,801	440 879,118	13,747	13,277	66	88	31 104	306,612	1 275,535	4,160	3,690
17	39	98 193	29 876,353	408 808,317	13,683	13,213	67	89	26 748	245,850	968,924	3,941	3,471
18	40	98 091	27 827,644	378 931,963	13,617	13,147	68	90	22 595	193,636	723,074	3,734	3,264
19	41	97 966	25 913,618	351 104,319	13,549	13,079	69	91	18 868	150,768	529,438	3,512	3,042
20	42	97 832	24 128,639	325 190,701	13,477	13,007	70	92	15 264	113,723	378,670	3,330	2,860
21	43	97 681	22 462,856	301 062,063	13,403	12,933	71	93	12 087	83,968	264,947	3,155	2,685
22	44	97 522	20 910,482	278 599,206	13,323	12,854	72	94	9 339	60,491	180,978	2,992	2,522
23	45	97 357	19 463,948	257 688,725	13,239	12,769	73	95	7 024	42,418	120,488	2,840	2,371
24	46	97 172	18 113,675	238 224,777	13,152	12,682	74	96	5 137	28,925	78,070	2,699	2,229
25	47	96 966	16 853,298	220 111,102	13,060	12,591	75	97	3 644	19,133	49,145	2,569	2,099
26	48	96 740	15 677,464	203 257,804	12,965	12,495	76	98	2 506	12,267	30,012	2,447	1,977
27	49	96 502	14 581,685	187 580,340	12,864	12,394	77	99	1 666	7,606	17,745	2,333	1,863
28	50	96 239	13 558,946	172 998,655	12,759	12,289	78	100	1 069	4,550	10,139	2,229	1,759
29	51	95 954	12 605,019	159 439,710	12,649	12,179							
30	52	95 654	11 716,115	146 834,691	12,533	12,063							
31	53	95 325	10 886,611	135 118,576	12,411	11,942							
32	54	94 965	10 112,335	124 231,965	12,285	11,815							
33	55	94 592	9 391,693	114 119,630	12,151	11,681							
34	56	94 183	8 718,983	104 727,937	12,011	11,542							
35	57	93 750	8 092,210	96 008,954	11,864	11,394							
36	58	93 283	7 507,547	87 916,744	11,710	11,241							
37	59	92 773	6 961,770	80 409,197	11,550	11,080							
38	60	92 238	6 453,763	73 447,427	11,381	10,911							
39	61	91 635	5 978,149	66 993,664	11,206	10,737							
40	62	91 007	5 535,834	61 015,515	11,022	10,552							
41	63	90 313	5 122,236	55 479,681	10,831	10,361							
42	64	89 577	4 737,081	50 357,445	10,630	10,161							
43	65	88 789	4 378,005	45 620,363	10,420	9,950							
44	66	87 932	4 042,661	41 242,358	10,202	9,732							
45	67	87 024	3 730,442	37 199,697	9,972	9,502							
46	68	86 031	3 438,586	33 469,255	9,733	9,264							
47	69	84 954	3 165,992	30 030,668	9,485	9,015							
48	70	83 762	2 910,566	26 864,677	9,230	8,760							
49	71	82 469	2 671,920	23 954,110	8,965	8,495							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 423 171,818	14,322	13,852	50	73	79 797	2 410,594	20 362,625	8,447	7,977
1	24	98 944	92 255,832	1 323 801,294	14,349	13,879	51	74	78 079	2 199,241	17 952,031	8,163	7,693
2	25	98 887	85 969,257	1 231 545,462	14,325	13,856	52	75	76 203	2 001,294	15 752,790	7,871	7,401
3	26	98 846	80 124,527	1 145 576,206	14,297	13,828	53	76	74 113	1 814,836	13 751,496	7,577	7,107
4	27	98 804	74 676,947	1 065 451,679	14,267	13,798	54	77	71 820	1 639,800	11 936,660	7,279	6,809
5	28	98 765	69 600,852	990 774,731	14,235	13,765	55	78	69 294	1 475,168	10 296,859	6,980	6,510
6	29	98 727	64 871,536	921 173,880	14,200	13,730	56	79	66 527	1 320,530	8 821,692	6,680	6,211
7	30	98 690	60 463,129	856 302,343	14,162	13,692	57	80	63 552	1 176,201	7 501,162	6,377	5,908
8	31	98 653	56 354,956	795 839,214	14,122	13,652	58	81	60 311	1 040,768	6 324,961	6,077	5,607
9	32	98 611	52 523,232	739 484,258	14,079	13,609	59	82	56 819	914,226	5 284,192	5,780	5,310
10	33	98 569	48 951,547	686 961,026	14,033	13,564	60	83	53 074	796,234	4 369,967	5,488	5,018
11	34	98 524	45 621,875	638 009,480	13,985	13,515	61	84	49 100	686,822	3 573,733	5,203	4,733
12	35	98 475	42 516,482	592 387,605	13,933	13,463	62	85	44 956	586,347	2 886,910	4,924	4,454
13	36	98 423	39 621,370	549 871,123	13,878	13,408	63	86	40 616	493,931	2 300,563	4,658	4,188
14	37	98 368	36 922,542	510 249,754	13,819	13,350	64	87	36 209	410,567	1 806,633	4,400	3,930
15	38	98 300	34 402,806	473 327,211	13,758	13,288	65	88	31 596	334,048	1 396,066	4,179	3,709
16	39	98 222	32 051,893	438 924,406	13,694	13,224	66	89	27 201	268,144	1 062,018	3,961	3,491
17	40	98 124	29 855,342	406 872,513	13,628	13,158	67	90	23 009	211,487	793,875	3,754	3,284
18	41	98 021	27 807,809	377 017,170	13,558	13,088	68	91	19 246	164,940	582,387	3,531	3,061
19	42	97 885	25 892,084	349 209,362	13,487	13,017	69	92	15 601	124,663	417,447	3,349	2,879
20	43	97 739	24 105,814	323 317,278	13,412	12,943	70	93	12 379	92,232	292,784	3,174	2,705
21	44	97 577	22 439,146	299 211,463	13,334	12,864	71	94	9 587	66,597	200,552	3,011	2,542
22	45	97 412	20 886,836	276 772,318	13,251	12,781	72	95	7 234	46,857	133,956	2,859	2,389
23	46	97 226	19 437,621	255 885,482	13,164	12,695	73	96	5 307	32,049	87,099	2,718	2,248
24	47	97 021	18 085,582	236 447,860	13,074	12,604	74	97	3 781	21,289	55,050	2,586	2,116
25	48	96 797	16 824,051	218 362,279	12,979	12,509	75	98	2 609	13,700	33,761	2,464	1,994
26	49	96 561	15 648,414	201 538,228	12,879	12,409	76	99	1 743	8,534	20,061	2,351	1,881
27	50	96 300	14 551,179	185 889,814	12,775	12,305	77	100	1 125	5,135	11,527	2,245	1,775
28	51	96 014	13 527,266	171 338,635	12,666	12,196							
29	52	95 715	12 573,623	157 811,369	12,551	12,081							
30	53	95 389	11 683,652	145 237,747	12,431	11,961							
31	54	95 036	10 853,524	133 554,095	12,305	11,835							
32	55	94 663	10 080,116	122 700,571	12,173	11,703							
33	56	94 252	9 357,906	112 620,455	12,035	11,565							
34	57	93 826	8 685,913	103 262,549	11,889	11,419							
35	58	93 363	8 058,819	94 576,636	11,736	11,266							
36	59	92 857	7 473,315	86 517,817	11,577	11,107							
37	60	92 329	6 928,504	79 044,501	11,409	10,939							
38	61	91 734	6 418,475	72 115,997	11,236	10,766							
39	62	91 114	5 944,160	65 697,523	11,052	10,583							
40	63	90 436	5 501,098	59 753,363	10,862	10,392							
41	64	89 710	5 088,078	54 252,264	10,663	10,193							
42	65	88 933	4 702,994	49 164,187	10,454	9,984							
43	66	88 102	4 344,108	44 461,192	10,235	9,765							
44	67	87 210	4 009,432	40 117,084	10,006	9,536							
45	68	86 239	3 696,795	36 107,652	9,767	9,297							
46	69	85 188	3 404,905	32 410,857	9,519	9,049							
47	70	84 022	3 131,268	29 005,952	9,263	8,793							
48	71	82 761	2 875,790	25 874,684	8,997	8,528							
49	72	81 369	2 636,269	22 998,894	8,724	8,254							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 420 777,627	14,301	13,831	50	74	78 414	2 368,805	19 405,630	8,192	7,722
1	25	98 922	92 234,857	1 321 429,705	14,327	13,857	51	75	76 570	2 156,743	17 036,825	7,899	7,429
2	26	98 865	85 950,099	1 229 194,848	14,301	13,831	52	76	74 505	1 956,703	14 880,082	7,605	7,135
3	27	98 819	80 103,121	1 143 244,749	14,272	13,802	53	77	72 234	1 768,834	12 923,379	7,306	6,836
4	28	98 779	74 657,671	1 063 141,628	14,240	13,770	54	78	69 740	1 592,321	11 154,545	7,005	6,535
5	29	98 739	69 582,774	988 483,957	14,206	13,736	55	79	66 989	1 426,106	9 562,224	6,705	6,235
6	30	98 700	64 853,544	918 901,183	14,169	13,699	56	80	64 029	1 270,943	8 136,117	6,402	5,932
7	31	98 663	60 446,536	854 047,640	14,129	13,659	57	81	60 795	1 125,186	6 865,174	6,101	5,631
8	32	98 621	56 336,583	793 601,104	14,087	13,617	58	82	57 326	989,255	5 739,989	5,802	5,332
9	33	98 577	52 505,041	737 264,521	14,042	13,572	59	83	53 588	862,236	4 750,734	5,510	5,040
10	34	98 533	48 933,836	684 759,480	13,994	13,524	60	84	49 626	744,511	3 888,498	5,223	4,753
11	35	98 484	45 603,361	635 825,644	13,943	13,473	61	85	45 467	636,007	3 143,987	4,943	4,473
12	36	98 433	42 498,363	590 222,283	13,888	13,418	62	86	41 121	536,334	2 507,980	4,676	4,206
13	37	98 377	39 602,894	547 723,920	13,830	13,361	63	87	36 690	446,193	1 971,646	4,419	3,949
14	38	98 316	36 903,095	508 121,027	13,769	13,299	64	88	32 057	363,491	1 525,453	4,197	3,727
15	39	98 242	34 382,523	471 217,932	13,705	13,235	65	89	27 632	292,137	1 161,962	3,977	3,508
16	40	98 153	32 029,352	436 835,409	13,639	13,169	66	90	23 399	230,666	869,825	3,771	3,301
17	41	98 054	29 834,062	404 806,057	13,569	13,099	67	91	19 599	180,146	639,159	3,548	3,078
18	42	97 939	27 784,701	374 971,995	13,496	13,026	68	92	15 914	136,382	459,013	3,366	2,896
19	43	97 792	25 867,592	347 187,294	13,422	12,952	69	93	12 653	101,104	322,632	3,191	2,721
20	44	97 636	24 080,369	321 319,703	13,344	12,874	70	94	9 818	73,150	221,528	3,028	2,558
21	45	97 467	22 413,771	297 239,333	13,261	12,792	71	95	7 426	51,586	148,377	2,876	2,406
22	46	97 280	20 858,585	274 825,562	13,176	12,706	72	96	5 466	35,403	96,791	2,734	2,264
23	47	97 075	19 407,475	253 966,977	13,086	12,616	73	97	3 906	23,588	61,389	2,602	2,133
24	48	96 853	18 054,196	234 559,502	12,992	12,522	74	98	2 707	15,244	37,800	2,480	2,010
25	49	96 618	16 792,876	216 505,306	12,893	12,423	75	99	1 815	9,532	22,556	2,367	1,897
26	50	96 359	15 615,676	199 712,430	12,789	12,319	76	100	1 177	5,761	13,025	2,261	1,791
27	51	96 075	14 517,181	184 096,753	12,681	12,211							
28	52	95 775	13 493,572	169 579,573	12,567	12,098							
29	53	95 450	12 538,783	156 086,000	12,448	11,978							
30	54	95 099	11 648,143	143 547,217	12,324	11,854							
31	55	94 733	10 818,943	131 899,074	12,191	11,722							
32	56	94 322	10 043,852	121 080,131	12,055	11,585							
33	57	93 894	9 322,412	111 036,279	11,911	11,441							
34	58	93 439	8 650,073	101 713,867	11,759	11,289							
35	59	92 938	8 022,074	93 063,794	11,601	11,131							
36	60	92 414	7 437,605	85 041,720	11,434	10,964							
37	61	91 824	6 890,620	77 604,115	11,262	10,792							
38	62	91 212	6 381,983	70 713,495	11,080	10,610							
39	63	90 542	5 906,862	64 331,512	10,891	10,421							
40	64	89 833	5 464,413	58 424,651	10,692	10,222							
41	65	89 065	5 051,465	52 960,237	10,484	10,014							
42	66	88 244	4 666,582	47 908,772	10,266	9,796							
43	67	87 378	4 308,401	43 242,191	10,037	9,567							
44	68	86 423	3 973,268	38 933,790	9,799	9,329							
45	69	85 394	3 660,584	34 960,522	9,551	9,081							
46	70	84 254	3 367,561	31 299,937	9,295	8,825							
47	71	83 018	3 093,855	27 932,376	9,028	8,558							
48	72	81 657	2 837,419	24 838,521	8,754	8,284							
49	73	80 110	2 595,472	22 001,102	8,477	8,007							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 418 221,173	14,279	13,809	50	75	76 899	2 323,030	18 412,866	7,926	7,456
1	26	98 900	92 214,303	1 318 895,838	14,303	13,833	51	76	74 864	2 108,688	16 089,836	7,630	7,160
2	27	98 838	85 927,137	1 226 681,535	14,276	13,806	52	77	72 616	1 907,105	13 981,148	7,331	6,861
3	28	98 794	80 082,444	1 140 754,398	14,245	13,775	53	78	70 143	1 717,619	12 074,043	7,030	6,560
4	29	98 753	74 638,280	1 060 671,954	14,211	13,741	54	79	67 421	1 539,363	10 356,424	6,728	6,258
5	30	98 712	69 563,474	986 033,675	14,175	13,705	55	80	64 474	1 372,555	8 817,060	6,424	5,954
6	31	98 673	64 835,745	916 470,200	14,135	13,665	56	81	61 252	1 215,818	7 444,505	6,123	5,653
7	32	98 630	60 426,829	851 634,455	14,094	13,624	57	82	57 786	1 069,494	6 228,687	5,824	5,354
8	33	98 587	56 317,071	791 207,626	14,049	13,579	58	83	54 066	932,998	5 159,194	5,530	5,060
9	34	98 542	52 486,045	734 890,556	14,002	13,532	59	84	50 107	806,226	4 226,196	5,242	4,772
10	35	98 493	48 913,978	682 404,511	13,951	13,481	60	85	45 954	689,428	3 419,970	4,961	4,491
11	36	98 442	45 583,926	633 490,533	13,897	13,427	61	86	41 589	581,759	2 730,542	4,694	4,224
12	37	98 387	42 478,545	587 906,606	13,840	13,370	62	87	37 147	484,498	2 148,783	4,435	3,965
13	38	98 325	39 582,035	545 428,061	13,780	13,310	63	88	32 483	395,032	1 664,285	4,213	3,743
14	39	98 258	36 881,338	505 846,026	13,716	13,246	64	89	28 035	317,886	1 269,253	3,993	3,523
15	40	98 173	34 358,343	468 964,688	13,649	13,179	65	90	23 770	251,306	951,367	3,786	3,316
16	41	98 083	32 006,522	434 606,345	13,579	13,109	66	91	19 932	196,482	700,061	3,563	3,093
17	42	97 973	29 809,270	402 599,823	13,506	13,036	67	92	16 206	148,955	503,579	3,381	2,911
18	43	97 847	27 758,418	372 790,553	13,430	12,960	68	93	12 906	110,608	354,625	3,206	2,736
19	44	97 689	25 840,287	345 032,135	13,352	12,883	69	94	10 035	80,187	244,017	3,043	2,573
20	45	97 525	24 053,139	319 191,848	13,270	12,800	70	95	7 605	56,663	163,830	2,891	2,421
21	46	97 335	22 383,455	295 138,709	13,186	12,716	71	96	5 611	38,976	107,167	2,750	2,280
22	47	97 130	20 826,235	272 755,254	13,097	12,627	72	97	4 023	26,057	68,191	2,617	2,147
23	48	96 906	19 373,795	251 929,019	13,004	12,534	73	98	2 797	16,890	42,134	2,495	2,025
24	49	96 674	18 020,742	232 555,224	12,905	12,435	74	99	1 883	10,605	25,244	2,380	1,910
25	50	96 416	16 757,745	214 534,482	12,802	12,332	75	100	1 226	6,435	14,638	2,275	1,805
26	51	96 133	15 579,191	197 776,737	12,695	12,225							
27	52	95 835	14 481,022	182 197,546	12,582	12,112							
28	53	95 509	13 456,184	167 716,525	12,464	11,994							
29	54	95 160	12 500,675	154 260,341	12,340	11,870							
30	55	94 796	11 611,030	141 759,666	12,209	11,739							
31	56	94 392	10 780,022	130 148,636	12,073	11,603							
32	57	93 964	10 005,757	119 368,614	11,930	11,460							
33	58	93 507	9 283,945	109 362,857	11,780	11,310							
34	59	93 013	8 610,631	100 078,911	11,623	11,153							
35	60	92 494	7 983,742	91 468,280	11,457	10,987							
36	61	91 908	7 396,937	83 484,538	11,286	10,816							
37	62	91 302	6 851,443	76 087,601	11,105	10,635							
38	63	90 640	6 341,937	69 236,158	10,917	10,447							
39	64	89 939	5 867,471	62 894,220	10,719	10,249							
40	65	89 187	5 425,093	57 026,749	10,512	10,042							
41	66	88 375	5 012,354	51 601,657	10,295	9,825							
42	67	87 519	4 628,224	46 589,303	10,066	9,596							
43	68	86 589	4 269,541	41 961,079	9,828	9,358							
44	69	85 576	3 934,349	37 691,538	9,580	9,110							
45	70	84 458	3 620,436	33 757,189	9,324	8,854							
46	71	83 247	3 327,325	30 136,753	9,057	8,587							
47	72	81 910	3 052,574	26 809,428	8,783	8,313							
48	73	80 393	2 793,509	23 756,854	8,504	8,034							
49	74	78 721	2 550,479	20 963,345	8,219	7,749							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	2 815,412	32 858,008	11,671	11,201
1	0	99 594	92 861,360	1 351 147,968	14,550	14,080	51	50	92 606	2 608,410	30 042,596	11,518	11,048
2	1	99 240	86 276,264	1 258 286,608	14,584	14,114	52	51	91 946	2 414,752	27 434,186	11,361	10,891
3	2	99 192	80 405,716	1 172 010,344	14,576	14,106	53	52	91 234	2 234,097	25 019,434	11,199	10,729
4	3	99 162	74 946,960	1 091 604,628	14,565	14,095	54	53	90 460	2 065,384	22 785,337	11,032	10,562
5	4	99 133	69 860,528	1 016 657,667	14,553	14,083	55	54	89 607	1 907,610	20 719,953	10,862	10,392
6	5	99 110	65 122,679	946 797,139	14,539	14,069	56	55	88 705	1 760,759	18 812,343	10,684	10,214
7	6	99 090	60 708,553	881 674,460	14,523	14,053	57	56	87 728	1 623,642	17 051,583	10,502	10,032
8	7	99 073	56 594,699	820 965,907	14,506	14,036	58	57	86 699	1 496,132	15 427,942	10,312	9,842
9	8	99 055	52 759,469	764 371,208	14,488	14,018	59	58	85 578	1 376,954	13 931,810	10,118	9,648
10	9	99 040	49 185,700	711 611,739	14,468	13,998	60	59	84 370	1 265,754	12 554,856	9,919	9,449
11	10	99 025	45 853,780	662 426,040	14,446	13,977	61	60	83 076	1 162,097	11 289,102	9,714	9,245
12	11	99 008	42 746,507	616 572,259	14,424	13,954	62	61	81 693	1 065,501	10 127,005	9,504	9,035
13	12	98 989	39 849,550	573 825,752	14,400	13,930	63	62	80 230	975,681	9 061,504	9,287	8,817
14	13	98 973	37 149,657	533 976,203	14,374	13,904	64	63	78 680	892,145	8 085,823	9,063	8,593
15	14	98 947	34 629,255	496 826,546	14,347	13,877	65	64	77 032	814,413	7 193,678	8,833	8,363
16	15	98 915	32 277,904	462 197,291	14,319	13,849	66	65	75 285	742,145	6 379,265	8,596	8,126
17	16	98 872	30 082,945	429 919,387	14,291	13,821	67	66	73 457	675,173	5 637,120	8,349	7,879
18	17	98 823	28 035,281	399 836,442	14,262	13,792	68	67	71 540	613,102	4 961,947	8,093	7,623
19	18	98 750	26 121,009	371 801,161	14,234	13,764	69	68	69 501	555,367	4 348,845	7,831	7,361
20	19	98 675	24 336,655	345 680,152	14,204	13,734	70	69	67 333	501,669	3 793,478	7,562	7,092
21	20	98 595	22 673,087	321 343,497	14,173	13,703	71	70	65 024	451,713	3 291,809	7,287	6,817
22	21	98 518	21 124,028	298 670,410	14,139	13,669	72	71	62 587	405,395	2 840,096	7,006	6,536
23	22	98 442	19 680,726	277 546,382	14,102	13,633	73	72	59 955	362,098	2 434,701	6,724	6,254
24	23	98 365	18 336,007	257 865,655	14,063	13,593	74	73	57 135	321,739	2 072,604	6,442	5,972
25	24	98 286	17 082,774	239 529,649	14,022	13,552	75	74	54 118	284,149	1 750,864	6,162	5,692
26	25	98 205	15 914,935	222 446,875	13,977	13,507	76	75	50 964	249,501	1 466,715	5,879	5,409
27	26	98 123	14 826,733	206 531,940	13,930	13,460	77	76	47 628	217,407	1 217,214	5,599	5,129
28	27	98 035	13 812,019	191 705,207	13,880	13,410	78	77	44 114	187,753	999,807	5,325	4,855
29	28	97 949	12 867,036	177 893,188	13,825	13,356	79	78	40 454	160,535	812,053	5,058	4,589
30	29	97 861	11 986,404	165 026,152	13,768	13,298	80	79	36 739	135,938	651,518	4,793	4,323
31	30	97 768	11 165,612	153 039,748	13,706	13,236	81	80	32 958	113,706	515,580	4,534	4,064
32	31	97 669	10 400,256	141 874,135	13,641	13,172	82	81	29 168	93,828	401,874	4,283	3,813
33	32	97 564	9 686,809	131 473,880	13,572	13,103	83	82	25 442	76,308	308,046	4,037	3,567
34	33	97 460	9 022,305	121 787,071	13,498	13,029	84	83	21 828	61,044	231,738	3,796	3,326
35	34	97 346	8 402,567	112 764,766	13,420	12,950	85	84	18 364	47,884	170,694	3,565	3,095
36	35	97 222	7 824,604	104 362,199	13,338	12,868	86	85	15 087	36,680	122,810	3,348	2,878
37	36	97 092	7 285,907	96 537,595	13,250	12,780	87	86	12 066	27,353	86,130	3,149	2,679
38	37	96 951	6 783,512	89 251,688	13,157	12,687	88	87	9 354	19,770	58,777	2,973	2,503
39	38	96 796	6 314,815	82 468,176	13,059	12,590	89	88	7 032	13,858	39,006	2,815	2,345
40	39	96 625	5 877,561	76 153,361	12,957	12,487	90	89	5 139	9,443	25,148	2,663	2,193
41	40	96 425	5 468,923	70 275,801	12,850	12,380	91	90	3 670	6,288	15,704	2,497	2,028
42	41	96 213	5 088,025	64 806,878	12,737	12,267	92	91	2 519	4,024	9,416	2,340	1,870
43	42	95 978	4 732,493	59 718,853	12,619	12,149	93	92	1 630	2,429	5,392	2,220	1,750
44	43	95 703	4 399,929	54 986,360	12,497	12,027	94	93	1 013	1,406	2,964	2,107	1,637
45	44	95 399	4 089,446	50 586,431	12,370	11,900	95	94	600	0,777	1,557	2,004	1,534
46	45	95 061	3 799,511	46 496,985	12,238	11,768	96	95	338	0,408	0,780	1,910	1,441
47	46	94 671	3 528,131	42 697,474	12,102	11,632	97	96	181	0,204	0,372	1,825	1,355
48	47	94 232	3 274,370	39 169,344	11,962	11,493	98	97	92	0,096	0,168	1,747	1,277
49	48	93 736	3 036,965	35 894,973	11,819	11,349	99	98	44	0,043	0,072	1,677	1,207
							100	99	20	0,018	0,029	1,612	1,142

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	2 820,639	33 056,567	11,720	11,250
1							51	49	92 800	2 613,879	30 235,929	11,567	11,098
2	0	99 558	86 553,201	1 258 980,246	14,546	14,076	52	50	92 161	2 420,408	27 622,050	11,412	10,942
3	1	99 221	80 428,585	1 172 427,045	14,577	14,107	53	51	91 462	2 239,675	25 201,642	11,252	10,782
4	2	99 178	74 959,045	1 091 998,460	14,568	14,098	54	52	90 711	2 071,123	22 961,967	11,087	10,617
5	3	99 147	69 870,547	1 017 039,415	14,556	14,086	55	53	89 880	1 913,425	20 890,844	10,918	10,448
6	4	99 122	65 130,485	947 168,869	14,543	14,073	56	54	88 989	1 766,387	18 977,419	10,744	10,274
7	5	99 099	60 714,045	882 038,384	14,528	14,058	57	55	88 044	1 629,504	17 211,032	10,562	10,092
8	6	99 081	56 599,237	821 324,339	14,511	14,041	58	56	87 029	1 501,828	15 581,528	10,375	9,905
9	7	99 063	52 763,877	764 725,102	14,493	14,023	59	57	85 932	1 382,659	14 079,699	10,183	9,713
10	8	99 046	49 188,755	711 961,225	14,474	14,004	60	58	84 756	1 271,552	12 697,040	9,985	9,516
11	9	99 031	45 856,692	662 772,470	14,453	13,983	61	59	83 475	1 167,676	11 425,488	9,785	9,315
12	10	99 016	42 749,951	616 915,778	14,431	13,961	62	60	82 142	1 071,359	10 257,812	9,575	9,105
13	11	98 997	39 852,715	574 165,828	14,407	13,937	63	61	80 689	981,260	9 186,453	9,362	8,892
14	12	98 981	37 152,504	534 313,113	14,382	13,912	64	62	79 176	897,778	8 205,193	9,139	8,670
15	13	98 957	34 632,662	497 160,608	14,355	13,885	65	63	77 549	819,881	7 307,415	8,913	8,443
16	14	98 927	32 281,900	462 527,946	14,328	13,858	66	64	75 831	747,524	6 487,534	8,679	8,209
17	15	98 886	30 087,024	430 246,046	14,300	13,830	67	65	74 030	680,441	5 740,010	8,436	7,966
18	16	98 839	28 039,789	400 159,022	14,271	13,801	68	66	72 133	618,183	5 059,569	8,185	7,715
19	17	98 768	26 125,595	372 119,233	14,243	13,774	69	67	70 134	560,422	4 441,386	7,925	7,455
20	18	98 697	24 341,972	345 993,638	14,214	13,744	70	68	67 999	506,631	3 880,964	7,660	7,190
21	19	98 616	22 677,964	321 651,666	14,183	13,714	71	69	65 745	456,722	3 374,333	7,388	6,918
22	20	98 539	21 128,486	298 973,702	14,150	13,680	72	70	63 344	410,297	2 917,610	7,111	6,641
23	21	98 463	19 684,981	277 845,216	14,115	13,645	73	71	60 766	366,994	2 507,313	6,832	6,362
24	22	98 387	18 340,221	258 160,235	14,076	13,606	74	72	58 033	326,797	2 140,319	6,549	6,079
25	23	98 308	17 086,660	239 820,014	14,036	13,566	75	73	55 073	289,162	1 813,522	6,272	5,802
26	24	98 228	15 918,554	222 733,354	13,992	13,522	76	74	51 969	254,418	1 524,360	5,992	5,522
27	25	98 145	14 830,038	206 814,799	13,946	13,476	77	75	48 714	222,362	1 269,943	5,711	5,241
28	26	98 061	13 815,710	191 984,762	13,896	13,426	78	76	45 261	192,636	1 047,581	5,438	4,968
29	27	97 974	12 870,359	178 169,052	13,843	13,373	79	77	41 660	165,322	854,945	5,171	4,701
30	28	97 886	11 989,518	165 298,693	13,787	13,317	80	78	38 003	140,615	689,623	4,904	4,434
31	29	97 796	11 168,710	153 309,175	13,727	13,257	81	79	34 244	118,142	549,008	4,647	4,177
32	30	97 696	10 403,111	142 140,465	13,663	13,193	82	80	30 491	98,082	430,866	4,393	3,923
33	31	97 596	9 689,968	131 737,354	13,595	13,125	83	81	26 767	80,282	332,784	4,145	3,675
34	32	97 494	9 025,431	122 047,386	13,523	13,053	84	82	23 144	64,725	252,502	3,901	3,431
35	33	97 381	8 405,608	113 021,955	13,446	12,976	85	83	19 639	51,210	187,777	3,667	3,197
36	34	97 262	7 827,781	104 616,347	13,365	12,895	86	84	16 292	39,611	136,567	3,448	2,978
37	35	97 133	7 289,013	96 788,567	13,279	12,809	87	85	13 191	29,904	96,956	3,242	2,772
38	36	96 996	6 786,677	89 499,554	13,188	12,718	88	86	10 354	21,886	67,052	3,064	2,594
39	37	96 847	6 318,143	82 712,877	13,091	12,621	89	87	7 943	15,653	45,166	2,885	2,416
40	38	96 682	5 881,028	76 394,734	12,990	12,520	90	88	5 876	10,798	29,513	2,733	2,263
41	39	96 493	5 472,771	70 513,706	12,884	12,415	91	89	4 266	7,310	18,715	2,560	2,090
42	40	96 282	5 091,654	65 040,935	12,774	12,304	92	90	2 957	4,724	11,405	2,414	1,944
43	41	96 058	4 736,429	59 949,281	12,657	12,187	93	91	1 972	2,937	6,681	2,275	1,805
44	42	95 794	4 404,095	55 212,852	12,537	12,067	94	92	1 249	1,734	3,744	2,159	1,689
45	43	95 500	4 093,767	50 808,757	12,411	11,941	95	93	756	0,980	2,010	2,051	1,582
46	44	95 169	3 803,812	46 714,990	12,281	11,811	96	94	437	0,527	1,030	1,953	1,484
47	45	94 799	3 532,909	42 911,177	12,146	11,676	97	95	240	0,270	0,503	1,864	1,394
48	46	94 378	3 279,457	39 378,268	12,008	11,538	98	96	125	0,131	0,233	1,783	1,313
49	47	93 899	3 042,244	36 098,812	11,866	11,396	99	97	61	0,060	0,102	1,709	1,239
							100	98	28	0,026	0,042	1,642	1,172



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	2 825,542	33 239,590	11,764	11,294
1							51	48	92 972	2 618,731	30 414,048	11,614	11,144
2							52	49	92 354	2 425,482	27 795,317	11,460	10,990
3	0	99 539	80 686,751	1 173 066,560	14,539	14,069	53	50	91 676	2 244,921	25 369,835	11,301	10,831
4	1	99 206	74 980,364	1 092 379,809	14,569	14,099	54	51	90 938	2 076,294	23 124,914	11,138	10,668
5	2	99 163	69 881,813	1 017 399,445	14,559	14,089	55	52	90 130	1 918,742	21 048,620	10,970	10,500
6	3	99 136	65 139,825	947 517,632	14,546	14,076	56	53	89 260	1 771,772	19 129,878	10,797	10,327
7	4	99 111	60 721,322	882 377,807	14,532	14,062	57	54	88 326	1 634,713	17 358,106	10,618	10,149
8	5	99 090	56 604,357	821 656,485	14,516	14,046	58	55	87 343	1 507,250	15 723,394	10,432	9,962
9	6	99 071	52 768,108	765 052,127	14,498	14,028	59	56	86 259	1 387,924	14 216,143	10,243	9,773
10	7	99 055	49 192,865	712 284,020	14,479	14,010	60	57	85 107	1 276,820	12 828,220	10,047	9,577
11	8	99 038	45 859,540	663 091,155	14,459	13,989	61	58	83 858	1 173,025	11 551,399	9,848	9,378
12	9	99 022	42 752,665	617 231,615	14,437	13,967	62	59	82 537	1 076,503	10 378,374	9,641	9,171
13	10	99 005	39 855,926	574 478,950	14,414	13,944	63	60	81 133	986,655	9 301,872	9,428	8,958
14	11	98 989	37 155,455	534 623,024	14,389	13,919	64	61	79 629	902,912	8 315,217	9,209	8,739
15	12	98 964	34 635,317	497 467,569	14,363	13,893	65	62	78 039	825,058	7 412,305	8,984	8,514
16	13	98 937	32 285,076	462 832,252	14,336	13,866	66	63	76 340	752,543	6 587,247	8,753	8,283
17	14	98 898	30 090,749	430 547,176	14,308	13,838	67	64	74 567	685,373	5 834,705	8,513	8,043
18	15	98 852	28 043,590	400 456,427	14,280	13,810	68	65	72 696	623,006	5 149,332	8,265	7,795
19	16	98 784	26 129,796	372 412,836	14,252	13,783	69	66	70 715	565,067	4 526,325	8,010	7,540
20	17	98 714	24 346,246	346 283,041	14,223	13,753	70	67	68 618	511,242	3 961,258	7,748	7,278
21	18	98 638	22 682,919	321 936,795	14,193	13,723	71	68	66 395	461,240	3 450,016	7,480	7,010
22	19	98 560	21 133,031	299 253,876	14,160	13,691	72	69	64 046	414,847	2 988,776	7,205	6,735
23	20	98 484	19 689,135	278 120,845	14,126	13,656	73	70	61 501	371,432	2 573,929	6,930	6,460
24	21	98 409	18 344,186	258 431,710	14,088	13,618	74	71	58 818	331,216	2 202,496	6,650	6,180
25	22	98 331	17 090,587	240 087,524	14,048	13,578	75	72	55 939	293,707	1 871,280	6,371	5,901
26	23	98 250	15 922,176	222 996,936	14,005	13,536	76	73	52 886	258,906	1 577,573	6,093	5,623
27	24	98 168	14 833,410	207 074,760	13,960	13,490	77	74	49 674	226,743	1 318,667	5,816	5,346
28	25	98 083	13 818,789	192 241,350	13,912	13,442	78	75	46 293	197,026	1 091,924	5,542	5,072
29	26	98 001	12 873,798	178 422,561	13,859	13,389	79	76	42 743	169,621	894,898	5,276	4,806
30	27	97 911	11 992,614	165 548,763	13,804	13,334	80	77	39 136	144,808	725,276	5,009	4,539
31	28	97 821	11 171,612	153 556,149	13,745	13,275	81	78	35 422	122,206	580,469	4,750	4,280
32	29	97 723	10 405,997	142 384,538	13,683	13,213	82	79	31 680	101,909	458,262	4,497	4,027
33	30	97 623	9 692,629	131 978,541	13,616	13,146	83	80	27 980	83,922	356,353	4,246	3,776
34	31	97 525	9 028,374	122 285,912	13,545	13,075	84	81	24 350	68,096	272,432	4,001	3,531
35	32	97 415	8 408,521	113 257,538	13,469	12,999	85	82	20 824	54,298	204,336	3,763	3,293
36	33	97 297	7 830,614	104 849,018	13,390	12,920	86	83	17 424	42,363	150,038	3,542	3,072
37	34	97 173	7 291,972	97 018,404	13,305	12,835	87	84	14 245	32,293	107,675	3,334	2,864
38	35	97 038	6 789,570	89 726,432	13,215	12,745	88	85	11 320	23,926	75,382	3,151	2,681
39	36	96 892	6 321,091	82 936,862	13,121	12,651	89	86	8 792	17,328	51,456	2,970	2,500
40	37	96 733	5 884,127	76 615,772	13,021	12,551	90	87	6 637	12,197	34,128	2,798	2,328
41	38	96 550	5 476,000	70 731,644	12,917	12,447	91	88	4 878	8,358	21,931	2,624	2,154
42	39	96 350	5 095,237	65 255,644	12,807	12,337	92	89	3 438	5,492	13,573	2,471	2,001
43	40	96 127	4 739,807	60 160,407	12,693	12,223	93	90	2 315	3,448	8,081	2,344	1,874
44	41	95 874	4 407,758	55 420,600	12,573	12,104	94	91	1 510	2,097	4,633	2,209	1,739
45	42	95 590	4 097,644	51 012,842	12,449	11,979	95	92	933	1,208	2,536	2,099	1,629
46	43	95 269	3 807,831	46 915,199	12,321	11,851	96	93	551	0,665	1,328	1,997	1,527
47	44	94 907	3 536,909	43 107,367	12,188	11,718	97	94	309	0,348	0,663	1,904	1,434
48	45	94 506	3 283,898	39 570,458	12,050	11,580	98	95	165	0,173	0,315	1,819	1,350
49	46	94 045	3 046,970	36 286,560	11,909	11,439	99	96	83	0,081	0,142	1,742	1,273
							100	97	40	0,036	0,060	1,672	1,202

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	2 829,931	33 408,060	11,805	11,335
1							51	47	93 134	2 623,284	30 578,129	11,656	11,187
2							52	48	92 526	2 429,985	27 954,846	11,504	11,034
3							53	49	91 869	2 249,627	25 524,861	11,346	10,876
4	0	99 524	75 221,043	1 092 969,339	14,530	14,060	54	50	91 150	2 081,157	23 275,234	11,184	10,714
5	1	99 191	69 901,688	1 017 748,296	14,560	14,090	55	51	90 355	1 923,533	21 194,077	11,018	10,548
6	2	99 152	65 150,328	947 846,608	14,549	14,079	56	52	89 508	1 776,695	19 270,544	10,846	10,376
7	3	99 125	60 730,030	882 696,280	14,535	14,065	57	53	88 595	1 639,696	17 493,849	10,669	10,199
8	4	99 102	56 611,142	821 966,249	14,520	14,050	58	54	87 622	1 512,068	15 854,153	10,485	10,015
9	5	99 080	52 772,882	765 355,107	14,503	14,033	59	55	86 571	1 392,935	14 342,085	10,296	9,826
10	6	99 063	49 196,809	712 582,226	14,484	14,014	60	56	85 432	1 281,681	12 949,150	10,103	9,633
11	7	99 046	45 863,372	663 385,417	14,464	13,994	61	57	84 205	1 177,885	11 667,469	9,905	9,436
12	8	99 028	42 755,320	617 522,045	14,443	13,973	62	58	82 915	1 081,434	10 489,584	9,700	9,230
13	9	99 011	39 858,456	574 766,724	14,420	13,950	63	59	81 522	991,392	9 408,150	9,490	9,020
14	10	98 996	37 158,449	534 908,268	14,395	13,925	64	60	80 067	907,876	8 416,758	9,271	8,801
15	11	98 972	34 638,068	497 749,820	14,370	13,900	65	61	78 485	829,776	7 508,882	9,049	8,579
16	12	98 945	32 287,551	463 111,752	14,343	13,873	66	62	76 822	757,294	6 679,107	8,820	8,350
17	13	98 908	30 093,709	430 824,200	14,316	13,846	67	63	75 068	689,974	5 921,812	8,583	8,113
18	14	98 864	28 047,062	400 730,491	14,288	13,818	68	64	73 223	627,522	5 231,838	8,337	7,867
19	15	98 797	26 133,339	372 683,429	14,261	13,791	69	65	71 267	569,476	4 604,316	8,085	7,615
20	16	98 730	24 350,160	346 550,090	14,232	13,762	70	66	69 187	515,479	4 034,840	7,827	7,357
21	17	98 655	22 686,901	322 199,930	14,202	13,732	71	67	66 999	465,438	3 519,361	7,561	7,091
22	18	98 582	21 137,648	299 513,029	14,170	13,700	72	68	64 680	418,951	3 053,922	7,289	6,820
23	19	98 505	19 693,371	278 375,381	14,135	13,666	73	69	62 183	375,551	2 634,971	7,016	6,546
24	20	98 430	18 348,057	258 682,010	14,099	13,629	74	70	59 529	335,221	2 259,420	6,740	6,270
25	21	98 352	17 094,282	240 333,953	14,059	13,589	75	71	56 695	297,679	1 924,199	6,464	5,994
26	22	98 273	15 925,835	223 239,670	14,017	13,548	76	72	53 717	262,976	1 626,520	6,185	5,715
27	23	98 190	14 836,785	207 313,835	13,973	13,503	77	73	50 550	230,743	1 363,544	5,909	5,439
28	24	98 105	13 821,932	192 477,050	13,925	13,456	78	74	47 205	200,909	1 132,801	5,638	5,168
29	25	98 022	12 876,667	178 655,118	13,874	13,404	79	75	43 717	173,487	931,892	5,372	4,902
30	26	97 937	11 995,819	165 778,451	13,820	13,350	80	76	40 154	148,574	758,406	5,105	4,635
31	27	97 846	11 174,496	153 782,632	13,762	13,292	81	77	36 478	125,850	609,832	4,846	4,376
32	28	97 749	10 408,700	142 608,136	13,701	13,231	82	78	32 770	105,415	483,982	4,591	4,121
33	29	97 650	9 695,318	132 199,436	13,635	13,165	83	79	29 072	87,196	378,567	4,342	3,872
34	30	97 552	9 030,852	122 504,118	13,565	13,095	84	80	25 454	71,183	291,371	4,093	3,623
35	31	97 447	8 411,263	113 473,266	13,491	13,021	85	81	21 908	57,125	220,188	3,854	3,385
36	32	97 331	7 833,327	105 062,003	13,412	12,942	86	82	18 475	44,917	163,062	3,630	3,160
37	33	97 208	7 294,611	97 228,676	13,329	12,859	87	83	15 235	34,537	118,145	3,421	2,951
38	34	97 077	6 792,326	89 934,065	13,241	12,771	88	84	12 224	25,838	83,609	3,236	2,766
39	35	96 933	6 323,786	83 141,739	13,147	12,678	89	85	9 612	18,944	57,771	3,050	2,580
40	36	96 778	5 886,872	76 817,953	13,049	12,579	90	86	7 348	13,502	38,827	2,876	2,406
41	37	96 601	5 478,886	70 931,081	12,946	12,476	91	87	5 510	9,441	25,325	2,682	2,213
42	38	96 407	5 098,243	65 452,195	12,838	12,368	92	88	3 931	6,280	15,884	2,529	2,060
43	39	96 194	4 743,143	60 353,952	12,724	12,255	93	89	2 691	4,008	9,604	2,396	1,926
44	40	95 942	4 410,902	55 610,809	12,608	12,138	94	90	1 773	2,462	5,596	2,273	1,803
45	41	95 670	4 101,051	51 199,907	12,485	12,015	95	91	1 128	1,461	3,134	2,145	1,676
46	42	95 360	3 811,437	47 098,856	12,357	11,887	96	92	679	0,820	1,673	2,041	1,571
47	43	95 007	3 540,646	43 287,419	12,226	11,756	97	93	390	0,439	0,854	1,945	1,475
48	44	94 613	3 287,616	39 746,773	12,090	11,620	98	94	213	0,223	0,415	1,856	1,387
49	45	94 172	3 051,097	36 459,157	11,950	11,480	99	95	110	0,108	0,191	1,776	1,306
							100	96	54	0,049	0,084	1,703	1,233

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	2 833,764	33 562,847	11,844	11,374
1							51	46	93 279	2 627,358	30 729,083	11,696	11,226
2							52	47	92 687	2 434,209	28 101,725	11,544	11,075
3							53	48	92 039	2 253,803	25 667,516	11,389	10,919
4							54	49	91 342	2 085,520	23 413,713	11,227	10,757
5	0	99 510	70 126,064	1 018 291,679	14,521	14,051	55	50	90 566	1 928,038	21 328,193	11,062	10,592
6	1	99 180	65 168,858	948 165,615	14,549	14,079	56	51	89 731	1 781,131	19 400,155	10,892	10,422
7	2	99 141	60 739,823	882 996,757	14,537	14,067	57	52	88 841	1 644,252	17 619,024	10,716	10,246
8	3	99 116	56 619,261	822 256,935	14,523	14,053	58	53	87 889	1 516,678	15 974,772	10,533	10,063
9	4	99 092	52 779,207	765 637,674	14,506	14,037	59	54	86 848	1 397,387	14 458,094	10,347	9,877
10	5	99 072	49 201,260	712 858,467	14,489	14,019	60	55	85 740	1 286,309	13 060,707	10,154	9,684
11	6	99 054	45 867,049	663 657,207	14,469	13,999	61	56	84 526	1 182,370	11 774,398	9,958	9,488
12	7	99 036	42 758,893	617 790,158	14,448	13,978	62	57	83 258	1 085,914	10 592,028	9,754	9,284
13	8	99 018	39 860,932	575 031,266	14,426	13,956	63	58	81 896	995,933	9 506,114	9,545	9,075
14	9	99 003	37 160,808	535 170,334	14,401	13,932	64	59	80 451	912,235	8 510,180	9,329	8,859
15	10	98 980	34 640,858	498 009,526	14,376	13,906	65	60	78 916	834,338	7 597,946	9,107	8,637
16	11	98 952	32 290,116	463 368,667	14,350	13,880	66	61	77 261	761,625	6 763,608	8,881	8,411
17	12	98 915	30 096,016	431 078,551	14,323	13,854	67	62	75 542	694,331	6 001,984	8,644	8,174
18	13	98 874	28 049,822	400 982,535	14,295	13,825	68	63	73 714	631,735	5 307,652	8,402	7,932
19	14	98 809	26 136,574	372 932,713	14,269	13,799	69	64	71 784	573,603	4 675,918	8,152	7,682
20	15	98 743	24 353,462	346 796,139	14,240	13,770	70	65	69 727	519,502	4 102,314	7,897	7,427
21	16	98 671	22 690,549	322 442,677	14,210	13,741	71	66	67 555	469,296	3 582,813	7,634	7,165
22	17	98 599	21 141,359	299 752,128	14,178	13,709	72	67	65 268	422,764	3 113,517	7,365	6,895
23	18	98 526	19 697,673	278 610,770	14,144	13,674	73	68	62 798	379,266	2 690,753	7,095	6,625
24	19	98 451	18 352,004	258 913,096	14,108	13,638	74	69	60 190	338,939	2 311,487	6,820	6,350
25	20	98 373	17 097,890	240 561,092	14,070	13,600	75	70	57 381	301,279	1 972,548	6,547	6,077
26	21	98 294	15 929,279	223 463,202	14,028	13,559	76	71	54 443	266,532	1 671,269	6,270	5,801
27	22	98 212	14 840,195	207 533,924	13,985	13,515	77	72	51 345	234,370	1 404,737	5,994	5,524
28	23	98 128	13 825,076	192 693,729	13,938	13,468	78	73	48 038	204,453	1 170,367	5,724	5,254
29	24	98 045	12 879,596	178 868,652	13,888	13,418	79	74	44 579	176,905	965,914	5,460	4,990
30	25	97 959	11 998,492	165 989,057	13,834	13,364	80	75	41 069	151,959	789,009	5,192	4,722
31	26	97 872	11 177,482	153 990,564	13,777	13,307	81	76	37 427	129,123	637,049	4,934	4,464
32	27	97 774	10 411,388	142 813,082	13,717	13,247	82	77	33 747	108,558	507,926	4,679	4,209
33	28	97 676	9 697,836	132 401,694	13,653	13,183	83	78	30 072	90,196	399,368	4,428	3,958
34	29	97 579	9 033,358	122 703,858	13,583	13,114	84	79	26 447	73,960	309,172	4,180	3,710
35	30	97 473	8 413,572	113 670,500	13,510	13,040	85	80	22 901	59,716	235,212	3,939	3,469
36	31	97 362	7 835,881	105 256,928	13,433	12,963	86	81	19 437	47,256	175,496	3,714	3,244
37	32	97 242	7 297,139	97 421,047	13,351	12,881	87	82	16 154	36,619	128,241	3,502	3,032
38	33	97 112	6 794,785	90 123,908	13,264	12,794	88	83	13 074	27,633	91,622	3,316	2,846
39	34	96 972	6 326,353	83 329,123	13,172	12,702	89	84	10 380	20,457	63,988	3,128	2,658
40	35	96 819	5 889,382	77 002,770	13,075	12,605	90	85	8 033	14,761	43,531	2,949	2,479
41	36	96 646	5 481,442	71 113,388	12,973	12,504	91	86	6 100	10,451	28,770	2,753	2,283
42	37	96 457	5 100,930	65 631,947	12,867	12,397	92	87	4 440	7,093	18,319	2,583	2,113
43	38	96 251	4 745,941	60 531,017	12,754	12,284	93	88	3 077	4,583	11,226	2,449	1,979
44	39	96 009	4 414,006	55 785,076	12,638	12,168	94	89	2 061	2,862	6,643	2,321	1,851
45	40	95 738	4 103,977	51 371,070	12,517	12,047	95	90	1 324	1,715	3,781	2,205	1,735
46	41	95 439	3 814,607	47 267,093	12,391	11,921	96	91	821	0,991	2,066	2,084	1,614
47	42	95 097	3 543,999	43 452,486	12,261	11,791	97	92	481	0,541	1,075	1,985	1,515
48	43	94 713	3 291,090	39 908,488	12,126	11,656	98	93	268	0,282	0,533	1,894	1,424
49	44	94 279	3 054,551	36 617,398	11,988	11,518	99	94	142	0,139	0,252	1,810	1,340
							100	95	71	0,065	0,113	1,734	1,265

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	2 836,972	33 704,684	11,881	11,411
1							51	45	93 405	2 630,917	30 867,712	11,733	11,263
2							52	46	92 831	2 437,990	28 236,795	11,582	11,112
3							53	47	92 199	2 257,721	25 798,805	11,427	10,957
4							54	48	91 511	2 089,391	23 541,084	11,267	10,797
5							55	49	90 756	1 932,080	21 451,692	11,103	10,633
6	0	99 498	65 378,042	948 666,426	14,510	14,041	56	50	89 942	1 785,303	19 519,612	10,934	10,464
7	1	99 170	60 757,098	883 288,384	14,538	14,068	57	51	89 063	1 648,358	17 734,310	10,759	10,289
8	2	99 132	56 628,390	822 531,286	14,525	14,055	58	52	88 134	1 520,892	16 085,952	10,577	10,107
9	3	99 106	52 786,776	765 902,896	14,509	14,039	59	53	87 112	1 401,647	14 565,060	10,391	9,921
10	4	99 083	49 207,157	713 116,120	14,492	14,022	60	54	86 014	1 290,420	13 163,414	10,201	9,731
11	5	99 063	45 871,199	663 908,963	14,473	14,003	61	55	84 831	1 186,639	11 872,993	10,006	9,536
12	6	99 044	42 762,321	618 037,764	14,453	13,983	62	56	83 575	1 090,049	10 686,354	9,804	9,334
13	7	99 026	39 864,262	575 275,443	14,431	13,961	63	57	82 235	1 000,060	9 596,305	9,596	9,126
14	8	99 009	37 163,116	535 411,181	14,407	13,937	64	58	80 820	916,413	8 596,245	9,380	8,910
15	9	98 986	34 643,058	498 248,065	14,382	13,912	65	59	79 295	838,343	7 679,832	9,161	8,691
16	10	98 960	32 292,717	463 605,007	14,356	13,886	66	60	77 686	765,812	6 841,489	8,934	8,464
17	11	98 923	30 098,407	431 312,289	14,330	13,860	67	61	75 973	698,301	6 075,677	8,701	8,231
18	12	98 881	28 051,972	401 213,883	14,303	13,833	68	62	74 180	635,724	5 377,376	8,459	7,989
19	13	98 819	26 139,145	373 161,911	14,276	13,806	69	63	72 266	577,454	4 741,652	8,211	7,741
20	14	98 755	24 356,477	347 022,765	14,248	13,778	70	64	70 232	523,267	4 164,197	7,958	7,488
21	15	98 684	22 693,625	322 666,288	14,218	13,748	71	65	68 082	472,958	3 640,931	7,698	7,228
22	16	98 615	21 144,758	299 972,663	14,187	13,717	72	66	65 809	426,268	3 167,973	7,432	6,962
23	17	98 544	19 701,132	278 827,905	14,153	13,683	73	67	63 370	382,718	2 741,705	7,164	6,694
24	18	98 472	18 356,014	259 126,773	14,117	13,647	74	68	60 785	342,291	2 358,987	6,892	6,422
25	19	98 394	17 101,568	240 770,759	14,079	13,609	75	69	58 017	304,620	2 016,695	6,620	6,150
26	20	98 314	15 932,640	223 669,192	14,038	13,569	76	70	55 102	269,755	1 712,076	6,347	5,877
27	21	98 234	14 843,403	207 736,552	13,995	13,525	77	71	52 039	237,540	1 442,321	6,072	5,602
28	22	98 150	13 828,254	192 893,148	13,949	13,479	78	72	48 793	207,667	1 204,781	5,802	5,332
29	23	98 067	12 882,526	179 064,894	13,900	13,430	79	73	45 365	180,026	997,115	5,539	5,069
30	24	97 982	12 001,221	166 182,369	13,847	13,377	80	74	41 878	154,954	817,088	5,273	4,803
31	25	97 894	11 179,974	154 181,148	13,791	13,321	81	75	38 280	132,066	662,135	5,014	4,544
32	26	97 800	10 414,170	143 001,174	13,731	13,262	82	76	34 625	111,381	530,069	4,759	4,289
33	27	97 701	9 700,340	132 587,004	13,668	13,198	83	77	30 969	92,885	418,687	4,508	4,038
34	28	97 605	9 035,705	122 886,663	13,600	13,130	84	78	27 357	76,505	325,802	4,259	3,789
35	29	97 500	8 415,906	113 850,959	13,528	13,058	85	79	23 795	62,045	249,297	4,018	3,548
36	30	97 389	7 838,032	105 435,053	13,452	12,982	86	80	20 318	49,398	187,252	3,791	3,321
37	31	97 273	7 299,518	97 597,020	13,370	12,900	87	81	16 995	38,526	137,854	3,578	3,108
38	32	97 146	6 797,139	90 297,502	13,285	12,815	88	82	13 862	29,299	99,328	3,390	2,920
39	33	97 007	6 328,643	83 500,363	13,194	12,724	89	83	11 101	21,879	70,028	3,201	2,731
40	34	96 859	5 891,773	77 171,720	13,098	12,628	90	84	8 674	15,940	48,150	3,021	2,551
41	35	96 687	5 483,779	71 279,947	12,998	12,528	91	85	6 669	11,426	32,210	2,819	2,349
42	36	96 502	5 103,310	65 796,169	12,893	12,423	92	86	4 915	7,852	20,784	2,647	2,177
43	37	96 302	4 748,442	60 692,859	12,782	12,312	93	87	3 476	5,177	12,932	2,498	2,028
44	38	96 066	4 416,610	55 944,417	12,667	12,197	94	88	2 356	3,273	7,755	2,370	1,900
45	39	95 805	4 106,865	51 527,807	12,547	12,077	95	89	1 540	1,994	4,483	2,248	1,779
46	40	95 507	3 817,328	47 420,942	12,423	11,953	96	90	964	1,164	2,489	2,139	1,669
47	41	95 176	3 546,946	43 603,615	12,293	11,823	97	91	581	0,655	1,325	2,024	1,555
48	42	94 803	3 294,206	40 056,669	12,160	11,690	98	92	331	0,347	0,671	1,931	1,461
49	43	94 379	3 057,779	36 762,462	12,023	11,553	99	93	179	0,175	0,323	1,845	1,375
							100	94	92	0,084	0,148	1,766	1,296

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	2 839,970	33 834,657	11,914	11,444
1							51	44	93 511	2 633,895	30 994,687	11,768	11,298
2							52	45	92 956	2 441,292	28 360,792	11,617	11,147
3							53	46	92 342	2 261,228	25 919,500	11,463	10,993
4							54	47	91 670	2 093,024	23 658,271	11,303	10,833
5							55	48	90 925	1 935,667	21 565,248	11,141	10,671
6							56	49	90 130	1 789,046	19 629,581	10,972	10,502
7	0	99 488	60 952,121	883 749,936	14,499	14,029	57	50	89 272	1 652,218	17 840,536	10,798	10,328
8	1	99 160	56 644,496	822 797,815	14,526	14,056	58	51	88 354	1 524,689	16 188,318	10,617	10,148
9	2	99 122	52 795,287	766 153,319	14,512	14,042	59	52	87 354	1 405,541	14 663,628	10,433	9,963
10	3	99 098	49 214,214	713 358,032	14,495	14,025	60	53	86 276	1 294,354	13 258,087	10,243	9,773
11	4	99 075	45 876,697	664 143,818	14,477	14,007	61	54	85 102	1 190,432	11 963,733	10,050	9,580
12	5	99 053	42 766,190	618 267,121	14,457	13,987	62	55	83 877	1 093,985	10 773,301	9,848	9,378
13	6	99 034	39 867,459	575 500,931	14,435	13,965	63	56	82 548	1 003,867	9 679,316	9,642	9,172
14	7	99 017	37 166,221	535 633,472	14,412	13,942	64	57	81 155	920,210	8 675,449	9,428	8,958
15	8	98 993	34 645,210	498 467,251	14,388	13,918	65	58	79 658	842,184	7 755,239	9,208	8,739
16	9	98 967	32 294,768	463 822,041	14,362	13,892	66	59	78 059	769,489	6 913,055	8,984	8,514
17	10	98 931	30 100,831	431 527,274	14,336	13,866	67	60	76 391	702,140	6 143,566	8,750	8,280
18	11	98 889	28 054,200	401 426,442	14,309	13,839	68	61	74 604	639,359	5 441,426	8,511	8,041
19	12	98 826	26 141,149	373 372,242	14,283	13,813	69	62	72 722	581,101	4 802,067	8,264	7,794
20	13	98 765	24 358,873	347 231,093	14,255	13,785	70	63	70 703	526,780	4 220,966	8,013	7,543
21	14	98 696	22 696,435	322 872,220	14,226	13,756	71	64	68 575	476,386	3 694,186	7,755	7,285
22	15	98 628	21 147,625	300 175,785	14,194	13,724	72	65	66 323	429,594	3 217,801	7,490	7,020
23	16	98 560	19 704,299	279 028,159	14,161	13,691	73	66	63 895	385,890	2 788,207	7,225	6,755
24	17	98 489	18 359,237	259 323,860	14,125	13,655	74	67	61 338	345,407	2 402,317	6,955	6,485
25	18	98 415	17 105,304	240 964,624	14,087	13,617	75	68	58 591	307,633	2 056,910	6,686	6,216
26	19	98 336	15 936,067	223 859,320	14,047	13,577	76	69	55 713	272,746	1 749,277	6,414	5,944
27	20	98 254	14 846,536	207 923,252	14,005	13,535	77	70	52 668	240,412	1 476,530	6,142	5,672
28	21	98 172	13 831,243	193 076,716	13,959	13,490	78	71	49 453	210,475	1 236,118	5,873	5,403
29	22	98 090	12 885,487	179 245,473	13,911	13,441	79	72	46 078	182,856	1 025,643	5,609	5,139
30	23	98 004	12 003,951	166 359,986	13,859	13,389	80	73	42 617	157,687	842,787	5,345	4,875
31	24	97 916	11 182,516	154 356,035	13,803	13,333	81	74	39 034	134,668	685,100	5,087	4,617
32	25	97 822	10 416,491	143 173,519	13,745	13,275	82	75	35 414	113,920	550,432	4,832	4,362
33	26	97 727	9 702,933	132 757,027	13,682	13,212	83	76	31 774	95,301	436,512	4,580	4,110
34	27	97 630	9 038,038	123 054,095	13,615	13,145	84	77	28 172	78,786	341,211	4,331	3,861
35	28	97 526	8 418,093	114 016,057	13,544	13,074	85	78	24 613	64,180	262,425	4,089	3,619
36	29	97 416	7 840,207	105 597,964	13,469	12,999	86	79	21 111	51,326	198,246	3,863	3,393
37	30	97 300	7 301,522	97 757,757	13,389	12,919	87	80	17 765	40,273	146,920	3,648	3,178
38	31	97 177	6 799,356	90 456,235	13,304	12,834	88	81	14 584	30,825	106,647	3,460	2,990
39	32	97 041	6 330,835	83 656,880	13,214	12,744	89	82	11 771	23,198	75,822	3,269	2,799
40	33	96 894	5 893,905	77 326,044	13,120	12,650	90	83	9 277	17,047	52,624	3,087	2,617
41	34	96 727	5 486,005	71 432,139	13,021	12,551	91	84	7 201	12,338	35,577	2,883	2,414
42	35	96 544	5 105,485	65 946,134	12,917	12,447	92	85	5 373	8,584	23,239	2,707	2,237
43	36	96 347	4 750,657	60 840,649	12,807	12,337	93	86	3 847	5,731	14,654	2,557	2,087
44	37	96 117	4 418,937	56 089,991	12,693	12,223	94	87	2 662	3,697	8,924	2,414	1,944
45	38	95 862	4 109,288	51 671,054	12,574	12,104	95	88	1 760	2,280	5,227	2,293	1,823
46	39	95 574	3 820,014	47 561,766	12,451	11,981	96	89	1 121	1,353	2,948	2,179	1,709
47	40	95 244	3 549,476	43 741,752	12,323	11,854	97	90	683	0,768	1,595	2,075	1,605
48	41	94 882	3 296,946	40 192,276	12,191	11,721	98	91	400	0,420	0,826	1,967	1,497
49	42	94 468	3 060,674	36 895,331	12,055	11,585	99	92	221	0,216	0,406	1,880	1,410
							100	93	116	0,106	0,190	1,798	1,328

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	2 842,659	33 953,662	11,944	11,474
1							51	43	93 609	2 636,678	31 111,003	11,799	11,329
2							52	44	93 062	2 444,056	28 474,325	11,650	11,181
3							53	45	92 468	2 264,291	26 030,269	11,496	11,026
4							54	46	91 813	2 096,275	23 765,978	11,337	10,867
5							55	47	91 083	1 939,032	21 669,703	11,176	10,706
6							56	48	90 297	1 792,367	19 730,672	11,008	10,538
7							57	49	89 459	1 655,682	17 938,305	10,834	10,364
8	0	99 478	56 826,318	823 223,177	14,487	14,017	58	50	88 561	1 528,260	16 282,623	10,654	10,184
9	1	99 150	52 810,303	766 396,859	14,512	14,042	59	51	87 572	1 409,051	14 754,363	10,471	10,001
10	2	99 114	49 222,149	713 586,556	14,497	14,027	60	52	86 516	1 297,951	13 345,312	10,282	9,812
11	3	99 089	45 883,276	664 364,407	14,479	14,010	61	53	85 361	1 194,061	12 047,361	10,089	9,620
12	4	99 065	42 771,316	618 481,131	14,460	13,990	62	54	84 145	1 097,481	10 853,301	9,889	9,419
13	5	99 043	39 871,066	575 709,815	14,439	13,969	63	55	82 846	1 007,492	9 755,819	9,683	9,213
14	6	99 025	37 169,201	535 838,749	14,416	13,946	64	56	81 464	923,714	8 748,327	9,471	9,001
15	7	99 001	34 648,104	498 669,548	14,392	13,923	65	57	79 988	845,673	7 824,614	9,253	8,783
16	8	98 973	32 296,774	464 021,444	14,367	13,898	66	58	78 417	773,014	6 978,941	9,028	8,558
17	9	98 937	30 102,743	431 724,670	14,342	13,872	67	59	76 758	705,512	6 205,927	8,796	8,326
18	10	98 897	28 056,460	401 621,928	14,315	13,845	68	60	75 014	642,874	5 500,415	8,556	8,086
19	11	98 834	26 143,226	373 565,467	14,289	13,819	69	61	73 138	584,423	4 857,541	8,312	7,842
20	12	98 773	24 360,741	347 422,242	14,262	13,792	70	62	71 150	530,106	4 273,118	8,061	7,591
21	13	98 706	22 698,668	323 061,501	14,233	13,763	71	63	69 036	479,584	3 743,012	7,805	7,335
22	14	98 641	21 150,243	300 362,833	14,201	13,731	72	64	66 804	432,708	3 263,428	7,542	7,072
23	15	98 573	19 706,971	279 212,590	14,168	13,698	73	65	64 394	388,901	2 830,721	7,279	6,809
24	16	98 505	18 362,188	259 505,619	14,133	13,663	74	66	61 847	348,270	2 441,819	7,011	6,541
25	17	98 433	17 108,307	241 143,431	14,095	13,625	75	67	59 124	310,433	2 093,550	6,744	6,274
26	18	98 357	15 939,549	224 035,123	14,055	13,585	76	68	56 264	275,444	1 783,117	6,474	6,004
27	19	98 276	14 849,729	208 095,574	14,013	13,544	77	69	53 252	243,078	1 507,672	6,202	5,733
28	20	98 192	13 834,162	193 245,845	13,969	13,499	78	70	50 051	213,020	1 264,594	5,937	5,467
29	21	98 111	12 888,273	179 411,683	13,921	13,451	79	71	46 701	185,329	1 051,574	5,674	5,204
30	22	98 026	12 006,710	166 523,410	13,869	13,399	80	72	43 287	160,166	866,245	5,408	4,939
31	23	97 939	11 185,060	154 516,700	13,815	13,345	81	73	39 723	137,044	706,079	5,152	4,682
32	24	97 844	10 418,860	143 331,639	13,757	13,287	82	74	36 112	116,164	569,035	4,899	4,429
33	25	97 749	9 705,095	132 912,779	13,695	13,225	83	75	32 498	97,473	452,871	4,646	4,176
34	26	97 656	9 040,453	123 207,684	13,628	13,159	84	76	28 905	80,835	355,398	4,397	3,927
35	27	97 551	8 420,266	114 167,231	13,559	13,089	85	77	25 347	66,094	274,563	4,154	3,684
36	28	97 441	7 842,244	105 746,965	13,484	13,014	86	78	21 837	53,091	208,470	3,927	3,457
37	29	97 327	7 303,548	97 904,721	13,405	12,935	87	79	18 459	41,844	155,379	3,713	3,243
38	30	97 204	6 801,222	90 601,173	13,321	12,851	88	80	15 245	32,223	113,535	3,523	3,054
39	31	97 073	6 332,900	83 799,951	13,232	12,763	89	81	12 384	24,406	81,312	3,332	2,862
40	32	96 927	5 895,947	77 467,051	13,139	12,669	90	82	9 836	18,075	56,906	3,148	2,678
41	33	96 762	5 487,990	71 571,104	13,041	12,572	91	83	7 702	13,196	38,831	2,943	2,473
42	34	96 583	5 107,558	66 083,113	12,938	12,468	92	84	5 803	9,270	25,635	2,765	2,295
43	35	96 388	4 752,683	60 975,555	12,830	12,360	93	85	4 206	6,265	16,365	2,612	2,142
44	36	96 162	4 420,999	56 222,872	12,717	12,247	94	86	2 946	4,092	10,100	2,468	1,998
45	37	95 912	4 111,453	51 801,873	12,599	12,130	95	87	1 988	2,575	6,008	2,333	1,863
46	38	95 631	3 822,268	47 690,420	12,477	12,007	96	88	1 281	1,547	3,433	2,219	1,749
47	39	95 311	3 551,974	43 868,153	12,350	11,880	97	89	793	0,893	1,886	2,112	1,642
48	40	94 949	3 299,297	40 316,179	12,220	11,750	98	90	470	0,493	0,993	2,014	1,544
49	41	94 547	3 063,219	37 016,881	12,084	11,614	99	91	267	0,261	0,500	1,913	1,443
							100	92	143	0,130	0,239	1,830	1,360

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	2 845,023	34 062,500	11,973	11,503
1							51	42	93 698	2 639,175	31 217,477	11,828	11,359
2							52	43	93 160	2 446,638	28 578,302	11,681	11,211
3							53	44	92 572	2 266,854	26 131,664	11,528	11,058
4							54	45	91 937	2 099,114	23 864,809	11,369	10,899
5							55	46	91 224	1 942,043	21 765,695	11,208	10,738
6							56	47	90 454	1 795,483	19 823,652	11,041	10,571
7							57	48	89 625	1 658,755	18 028,169	10,868	10,399
8							58	49	88 746	1 531,464	16 369,414	10,689	10,219
9	0	99 469	52 979,818	766 788,872	14,473	14,003	59	50	87 778	1 412,351	14 837,950	10,506	10,036
10	1	99 142	49 236,149	713 809,054	14,498	14,028	60	51	86 732	1 301,192	13 425,599	10,318	9,848
11	2	99 105	45 890,674	664 572,906	14,482	14,012	61	52	85 599	1 197,378	12 124,407	10,126	9,656
12	3	99 079	42 777,450	618 682,231	14,463	13,993	62	53	84 402	1 100,827	10 927,029	9,926	9,456
13	4	99 055	39 875,845	575 904,782	14,442	13,973	63	54	83 111	1 010,712	9 826,202	9,722	9,252
14	5	99 034	37 172,564	536 028,937	14,420	13,950	64	55	81 758	927,049	8 815,490	9,509	9,039
15	6	99 009	34 650,883	498 856,373	14,397	13,927	65	56	80 293	848,893	7 888,441	9,293	8,823
16	7	98 981	32 299,472	464 205,491	14,372	13,902	66	57	78 742	776,216	7 039,548	9,069	8,599
17	8	98 943	30 104,612	431 906,019	14,347	13,877	67	58	77 110	708,743	6 263,332	8,837	8,367
18	9	98 904	28 058,242	401 801,406	14,320	13,850	68	59	75 374	645,961	5 554,588	8,599	8,129
19	10	98 842	26 145,332	373 743,165	14,295	13,825	69	60	73 540	587,636	4 908,628	8,353	7,883
20	11	98 780	24 362,675	347 597,833	14,268	13,798	70	61	71 557	533,137	4 320,991	8,105	7,635
21	12	98 714	22 700,408	323 235,157	14,239	13,769	71	62	69 471	482,612	3 787,854	7,849	7,379
22	13	98 650	21 152,324	300 534,750	14,208	13,738	72	63	67 252	435,612	3 305,242	7,588	7,118
23	14	98 585	19 709,411	279 382,425	14,175	13,705	73	64	64 860	391,720	2 869,629	7,326	6,856
24	15	98 519	18 364,678	259 673,015	14,140	13,670	74	65	62 329	350,987	2 477,909	7,060	6,590
25	16	98 449	17 111,058	241 308,337	14,102	13,633	75	66	59 614	313,006	2 126,922	6,795	6,325
26	17	98 374	15 942,348	224 197,279	14,063	13,593	76	67	56 776	277,951	1 813,916	6,526	6,056
27	18	98 297	14 852,974	208 254,931	14,021	13,551	77	68	53 779	245,483	1 535,965	6,257	5,787
28	19	98 213	13 837,138	193 401,957	13,977	13,507	78	69	50 606	215,382	1 290,482	5,992	5,522
29	20	98 131	12 890,992	179 564,819	13,929	13,460	79	70	47 266	187,570	1 075,100	5,732	5,267
30	21	98 048	12 009,306	166 673,827	13,879	13,409	80	71	43 872	162,332	887,530	5,467	4,997
31	22	97 961	11 187,631	154 664,521	13,825	13,355	81	72	40 347	139,198	725,198	5,210	4,740
32	23	97 866	10 421,230	143 476,889	13,768	13,298	82	73	36 749	118,214	586,000	4,957	4,487
33	24	97 771	9 707,302	133 055,659	13,707	13,237	83	74	33 139	99,393	467,786	4,706	4,237
34	25	97 678	9 042,468	123 348,357	13,641	13,171	84	75	29 564	82,677	368,393	4,456	3,986
35	26	97 577	8 422,516	114 305,889	13,571	13,102	85	76	26 006	67,812	285,716	4,213	3,743
36	27	97 466	7 844,269	105 883,372	13,498	13,028	86	77	22 488	54,674	217,904	3,985	3,516
37	28	97 352	7 305,445	98 039,104	13,420	12,950	87	78	19 094	43,283	163,229	3,771	3,301
38	29	97 231	6 803,109	90 733,658	13,337	12,867	88	79	15 840	33,480	119,946	3,583	3,113
39	30	97 099	6 334,638	83 930,549	13,249	12,780	89	80	12 945	25,512	86,466	3,389	2,919
40	31	96 959	5 897,870	77 595,911	13,157	12,687	90	81	10 349	19,016	60,954	3,205	2,735
41	32	96 795	5 489,892	71 698,041	13,060	12,590	91	82	8 166	13,991	41,937	2,997	2,527
42	33	96 618	5 109,407	66 208,149	12,958	12,488	92	83	6 206	9,914	27,946	2,819	2,349
43	34	96 427	4 754,612	61 098,742	12,850	12,381	93	84	4 542	6,766	18,032	2,665	2,195
44	35	96 203	4 422,884	56 344,130	12,739	12,269	94	85	3 221	4,474	11,266	2,518	2,048
45	36	95 957	4 113,371	51 921,246	12,623	12,153	95	86	2 201	2,850	6,792	2,383	1,913
46	37	95 681	3 824,282	47 807,875	12,501	12,031	96	87	1 447	1,747	3,942	2,256	1,786
47	38	95 367	3 554,069	43 983,593	12,376	11,906	97	88	907	1,021	2,195	2,149	1,679
48	39	95 016	3 301,619	40 429,524	12,245	11,775	98	89	546	0,573	1,173	2,047	1,577
49	40	94 614	3 065,404	37 127,904	12,112	11,642	99	90	314	0,307	0,600	1,956	1,486
							100	91	173	0,158	0,293	1,860	1,390

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	2 847,052	34 161,885	11,999	11,529
1							51	41	93 776	2 641,370	31 314,833	11,856	11,386
2							52	42	93 248	2 448,955	28 673,463	11,708	11,239
3							53	43	92 670	2 269,250	26 224,508	11,556	11,087
4							54	44	92 041	2 101,490	23 955,259	11,399	10,929
5							55	45	91 348	1 944,674	21 853,768	11,238	10,768
6							56	46	90 595	1 798,272	19 909,094	11,071	10,601
7							57	47	89 781	1 661,639	18 110,823	10,899	10,429
8							58	48	88 911	1 534,307	16 449,184	10,721	10,251
9							59	49	87 962	1 415,312	14 914,877	10,538	10,068
10	0	99 460	49 394,191	714 170,345	14,459	13,989	60	50	86 935	1 304,239	13 499,565	10,351	9,881
11	1	99 133	45 903,726	664 776,154	14,482	14,012	61	51	85 812	1 200,368	12 195,326	10,160	9,690
12	2	99 095	42 784,347	618 872,428	14,465	13,995	62	52	84 636	1 103,886	10 994,958	9,960	9,490
13	3	99 069	39 881,563	576 088,081	14,445	13,975	63	53	83 364	1 013,793	9 891,072	9,756	9,287
14	4	99 046	37 177,020	536 206,518	14,423	13,953	64	54	82 019	930,012	8 877,279	9,545	9,075
15	5	99 018	34 654,017	499 029,498	14,400	13,930	65	55	80 583	851,958	7 947,267	9,328	8,858
16	6	98 989	32 302,062	464 375,481	14,376	13,906	66	56	79 041	779,172	7 095,309	9,106	8,636
17	7	98 952	30 107,128	432 073,419	14,351	13,881	67	57	77 429	711,680	6 316,137	8,875	8,405
18	8	98 910	28 059,984	401 966,291	14,325	13,855	68	58	75 719	648,920	5 604,457	8,637	8,167
19	9	98 849	26 146,992	373 906,307	14,300	13,830	69	59	73 893	590,458	4 955,538	8,393	7,923
20	10	98 788	24 364,638	347 759,315	14,273	13,803	70	60	71 950	536,068	4 365,080	8,143	7,673
21	11	98 721	22 702,211	323 394,677	14,245	13,775	71	61	69 869	485,372	3 829,011	7,889	7,419
22	12	98 658	21 153,946	300 692,466	14,214	13,745	72	62	67 677	438,363	3 343,640	7,628	7,158
23	13	98 595	19 711,350	279 538,520	14,182	13,712	73	63	65 296	394,350	2 905,277	7,367	6,897
24	14	98 531	18 366,952	259 827,170	14,146	13,677	74	64	62 781	353,531	2 510,927	7,102	6,633
25	15	98 462	17 113,378	241 460,219	14,109	13,640	75	65	60 079	315,448	2 157,396	6,839	6,369
26	16	98 390	15 944,911	224 346,841	14,070	13,600	76	66	57 246	280,255	1 841,948	6,572	6,103
27	17	98 314	14 855,582	208 401,930	14,029	13,559	77	67	54 269	247,717	1 561,693	6,304	5,834
28	18	98 235	13 840,161	193 546,348	13,984	13,515	78	68	51 106	217,513	1 313,976	6,041	5,571
29	19	98 153	12 893,765	179 706,187	13,937	13,468	79	69	47 790	189,650	1 096,463	5,782	5,312
30	20	98 068	12 011,841	166 812,422	13,887	13,417	80	70	44 403	164,295	906,813	5,519	5,050
31	21	97 982	11 190,050	154 800,581	13,834	13,364	81	71	40 893	141,081	742,518	5,263	4,793
32	22	97 889	10 423,626	143 610,531	13,777	13,308	82	72	37 327	120,072	601,437	5,009	4,539
33	23	97 793	9 709,511	133 186,906	13,717	13,247	83	73	33 723	101,147	481,366	4,759	4,289
34	24	97 700	9 044,524	123 477,395	13,652	13,182	84	74	30 146	84,306	380,219	4,510	4,040
35	25	97 599	8 424,394	114 432,871	13,584	13,114	85	75	26 599	69,358	295,913	4,266	3,797
36	26	97 493	7 846,365	106 008,477	13,511	13,041	86	76	23 073	56,096	226,555	4,039	3,569
37	27	97 378	7 307,332	98 162,112	13,433	12,963	87	77	19 663	44,574	170,458	3,824	3,354
38	28	97 256	6 804,876	90 854,780	13,351	12,882	88	78	16 385	34,632	125,884	3,635	3,165
39	29	97 126	6 336,396	84 049,904	13,265	12,795	89	79	13 450	26,508	91,253	3,442	2,973
40	30	96 985	5 899,489	77 713,508	13,173	12,703	90	80	10 818	19,879	64,745	3,257	2,787
41	31	96 827	5 491,682	71 814,019	13,077	12,607	91	81	8 591	14,720	44,866	3,048	2,578
42	32	96 651	5 111,177	66 322,336	12,976	12,506	92	82	6 580	10,512	30,147	2,868	2,398
43	33	96 462	4 756,333	61 211,160	12,869	12,400	93	83	4 858	7,236	19,635	2,714	2,244
44	34	96 242	4 424,679	56 454,827	12,759	12,289	94	84	3 478	4,831	12,399	2,567	2,097
45	35	95 998	4 115,125	52 030,147	12,644	12,174	95	85	2 406	3,116	7,568	2,429	1,959
46	36	95 726	3 826,066	47 915,022	12,523	12,053	96	86	1 602	1,934	4,452	2,301	1,832
47	37	95 417	3 555,942	44 088,956	12,399	11,929	97	87	1 025	1,154	2,517	2,182	1,712
48	38	95 072	3 303,567	40 533,014	12,269	11,800	98	88	624	0,655	1,364	2,081	1,611
49	39	94 681	3 067,562	37 229,447	12,136	11,667	99	89	364	0,357	0,708	1,986	1,516
							100	90	203	0,185	0,352	1,900	1,430



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	2 849,056	34 252,771	12,022	11,553
1							51	40	93 843	2 643,254	31 403,715	11,881	11,411
2							52	41	93 326	2 450,992	28 760,461	11,734	11,264
3							53	42	92 758	2 271,398	26 309,469	11,583	11,113
4							54	43	92 138	2 103,711	24 038,071	11,427	10,957
5							55	44	91 451	1 946,875	21 934,360	11,266	10,797
6							56	45	90 718	1 800,707	19 987,485	11,100	10,630
7							57	46	89 920	1 664,220	18 186,778	10,928	10,458
8							58	47	89 066	1 536,974	16 522,558	10,750	10,280
9							59	48	88 125	1 417,939	14 985,583	10,569	10,099
10							60	49	87 117	1 306,973	13 567,644	10,381	9,911
11	0	99 451	46 051,072	665 109,146	14,443	13,973	61	50	86 013	1 203,179	12 260,671	10,190	9,720
12	1	99 123	42 796,515	619 058,074	14,465	13,995	62	51	84 848	1 106,642	11 057,491	9,992	9,522
13	2	99 085	39 887,994	576 261,558	14,447	13,977	63	52	83 596	1 016,610	9 950,849	9,788	9,318
14	3	99 060	37 182,351	536 373,565	14,425	13,956	64	53	82 269	932,847	8 934,239	9,577	9,107
15	4	99 030	34 658,171	499 191,214	14,403	13,933	65	54	80 840	854,681	8 001,392	9,362	8,892
16	5	98 998	32 304,984	464 533,043	14,380	13,910	66	55	79 327	781,985	7 146,711	9,139	8,669
17	6	98 960	30 109,542	432 228,059	14,355	13,885	67	56	77 724	714,389	6 364,726	8,909	8,439
18	7	98 918	28 062,329	402 118,517	14,329	13,860	68	57	76 033	651,608	5 650,337	8,671	8,201
19	8	98 855	26 148,616	374 056,188	14,305	13,835	69	58	74 231	593,162	4 998,729	8,427	7,957
20	9	98 795	24 366,185	347 907,572	14,278	13,808	70	59	72 296	538,642	4 405,566	8,179	7,709
21	10	98 729	22 704,040	323 541,387	14,250	13,780	71	60	70 253	488,040	3 866,924	7,923	7,453
22	11	98 666	21 155,626	300 837,347	14,220	13,750	72	61	68 064	440,870	3 378,884	7,664	7,194
23	12	98 602	19 712,861	279 681,721	14,188	13,718	73	62	65 708	396,840	2 938,014	7,404	6,934
24	13	98 541	18 368,759	259 968,860	14,153	13,683	74	63	63 202	355,904	2 541,174	7,140	6,670
25	14	98 474	17 115,497	241 600,101	14,116	13,646	75	64	60 515	317,735	2 185,270	6,878	6,408
26	15	98 404	15 947,073	224 484,605	14,077	13,607	76	65	57 693	282,442	1 867,535	6,612	6,142
27	16	98 330	14 857,970	208 537,532	14,035	13,566	77	66	54 718	249,770	1 585,093	6,346	5,876
28	17	98 252	13 842,591	193 679,562	13,992	13,522	78	67	51 571	219,493	1 335,323	6,084	5,614
29	18	98 174	12 896,582	179 836,971	13,945	13,475	79	68	48 263	191,526	1 115,831	5,826	5,356
30	19	98 089	12 014,424	166 940,388	13,895	13,425	80	69	44 895	166,117	924,305	5,564	5,094
31	20	98 003	11 192,411	154 925,964	13,842	13,372	81	70	41 387	142,787	758,188	5,310	4,840
32	21	97 910	10 425,879	143 733,553	13,786	13,316	82	71	37 832	121,696	615,401	5,057	4,587
33	22	97 816	9 711,743	133 307,673	13,726	13,257	83	72	34 253	102,737	493,706	4,806	4,336
34	23	97 722	9 046,582	123 595,931	13,662	13,192	84	73	30 678	85,794	390,969	4,557	4,087
35	24	97 621	8 426,309	114 549,349	13,594	13,124	85	74	27 123	70,725	305,176	4,315	3,845
36	25	97 514	7 848,114	106 123,040	13,522	13,052	86	75	23 599	57,375	234,451	4,086	3,616
37	26	97 404	7 309,284	98 274,926	13,445	12,975	87	76	20 174	45,733	177,076	3,872	3,402
38	27	97 281	6 806,634	90 965,641	13,364	12,894	88	77	16 873	35,664	131,343	3,683	3,213
39	28	97 152	6 338,042	84 159,008	13,278	12,808	89	78	13 913	27,420	95,679	3,489	3,020
40	29	97 012	5 901,126	77 820,966	13,187	12,718	90	79	11 240	20,654	68,259	3,305	2,835
41	30	96 853	5 493,190	71 919,840	13,093	12,623	91	80	8 981	15,387	47,605	3,094	2,624
42	31	96 683	5 112,844	66 426,650	12,992	12,522	92	81	6 923	11,059	32,218	2,913	2,443
43	32	96 495	4 757,981	61 313,806	12,887	12,417	93	82	5 151	7,672	21,159	2,758	2,288
44	33	96 276	4 426,281	56 555,825	12,777	12,307	94	83	3 720	5,167	13,486	2,610	2,140
45	34	96 037	4 116,796	52 129,544	12,663	12,193	95	84	2 599	3,365	8,320	2,472	2,002
46	35	95 766	3 827,697	48 012,749	12,544	12,074	96	85	1 751	2,115	4,955	2,343	1,873
47	36	95 462	3 557,601	44 185,051	12,420	11,950	97	86	1 134	1,277	2,840	2,224	1,754
48	37	95 122	3 305,308	40 627,450	12,292	11,822	98	87	705	0,740	1,563	2,111	1,642
49	38	94 736	3 069,371	37 322,142	12,160	11,690	99	88	417	0,408	0,823	2,017	1,547
							100	89	236	0,215	0,415	1,927	1,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	2 850,737	34 335,725	12,045	11,575
1							51	39	93 909	2 645,114	31 484,988	11,903	11,433
2							52	40	93 392	2 452,740	28 839,874	11,758	11,288
3							53	41	92 835	2 273,287	26 387,134	11,607	11,138
4							54	42	92 226	2 105,703	24 113,847	11,452	10,982
5							55	43	91 548	1 948,933	22 008,144	11,292	10,823
6							56	44	90 820	1 802,746	20 059,211	11,127	10,657
7							57	45	90 042	1 666,474	18 256,465	10,955	10,485
8							58	46	89 204	1 539,362	16 589,991	10,777	10,307
9							59	47	88 278	1 420,404	15 050,630	10,596	10,126
10							60	48	87 279	1 309,400	13 630,225	10,410	9,940
11							61	49	86 194	1 205,702	12 320,826	10,219	9,749
12	0	99 442	42 933,887	619 365,001	14,426	13,956	62	50	85 046	1 109,234	11 115,124	10,021	9,551
13	1	99 113	39 899,338	576 431,113	14,447	13,977	63	51	83 805	1 019,149	10 005,890	9,818	9,348
14	2	99 076	37 188,346	536 531,775	14,427	13,958	64	52	82 498	935,439	8 986,742	9,607	9,137
15	3	99 044	34 663,141	499 343,429	14,406	13,936	65	53	81 087	857,286	8 051,303	9,392	8,922
16	4	99 010	32 308,856	464 680,287	14,382	13,913	66	54	79 580	784,484	7 194,016	9,170	8,700
17	5	98 969	30 112,266	432 371,431	14,359	13,889	67	55	78 004	716,969	6 409,532	8,940	8,470
18	6	98 926	28 064,579	402 259,165	14,333	13,863	68	56	76 323	654,089	5 692,563	8,703	8,233
19	7	98 863	26 150,801	374 194,586	14,309	13,839	69	57	74 539	595,620	5 038,474	8,459	7,989
20	8	98 801	24 367,699	348 043,786	14,283	13,813	70	58	72 627	541,110	4 442,854	8,211	7,741
21	9	98 736	22 705,481	323 676,087	14,255	13,786	71	59	70 590	490,383	3 901,744	7,957	7,487
22	10	98 674	21 157,330	300 970,605	14,225	13,755	72	60	68 438	443,294	3 411,361	7,695	7,226
23	11	98 610	19 714,427	279 813,275	14,193	13,723	73	61	66 084	399,109	2 968,067	7,437	6,967
24	12	98 548	18 370,167	260 098,849	14,159	13,689	74	62	63 602	358,152	2 568,958	7,173	6,703
25	13	98 484	17 117,181	241 728,682	14,122	13,652	75	63	60 921	319,868	2 210,807	6,912	6,442
26	14	98 416	15 949,047	224 611,501	14,083	13,613	76	64	58 111	284,489	1 890,939	6,647	6,177
27	15	98 343	14 859,985	208 662,454	14,042	13,572	77	65	55 145	251,719	1 606,450	6,382	5,912
28	16	98 268	13 844,817	193 802,470	13,998	13,528	78	66	51 999	221,312	1 354,731	6,121	5,651
29	17	98 191	12 898,847	179 957,653	13,951	13,482	79	67	48 702	193,269	1 133,419	5,864	5,395
30	18	98 111	12 017,049	167 058,806	13,902	13,432	80	68	45 339	167,760	940,150	5,604	5,134
31	19	98 024	11 194,819	155 041,757	13,849	13,380	81	69	41 846	144,370	772,390	5,350	4,880
32	20	97 930	10 428,079	143 846,938	13,794	13,324	82	70	38 289	123,167	628,020	5,099	4,629
33	21	97 837	9 713,842	133 418,859	13,735	13,265	83	71	34 716	104,126	504,853	4,848	4,379
34	22	97 745	9 048,661	123 705,016	13,671	13,201	84	72	31 160	87,142	400,727	4,599	4,129
35	23	97 643	8 428,226	114 656,355	13,604	13,134	85	73	27 602	71,972	313,585	4,357	3,887
36	24	97 536	7 849,899	106 228,129	13,532	13,063	86	74	24 064	58,505	241,613	4,130	3,660
37	25	97 425	7 310,914	98 378,230	13,456	12,986	87	75	20 634	46,775	183,107	3,915	3,445
38	26	97 307	6 808,452	91 067,317	13,376	12,906	88	76	17 312	36,592	136,332	3,726	3,256
39	27	97 177	6 339,679	84 258,864	13,291	12,821	89	77	14 328	28,237	99,740	3,532	3,062
40	28	97 038	5 902,659	77 919,186	13,201	12,731	90	78	11 627	21,365	71,503	3,347	2,877
41	29	96 880	5 494,714	72 016,526	13,107	12,637	91	79	9 331	15,988	50,138	3,136	2,666
42	30	96 709	5 114,247	66 521,812	13,007	12,537	92	80	7 237	11,561	34,151	2,954	2,484
43	31	96 527	4 759,533	61 407,565	12,902	12,432	93	81	5 419	8,072	22,590	2,799	2,329
44	32	96 310	4 427,814	56 648,032	12,794	12,324	94	82	3 944	5,478	14,518	2,650	2,180
45	33	96 072	4 118,286	52 220,218	12,680	12,210	95	83	2 779	3,599	9,040	2,512	2,042
46	34	95 805	3 829,251	48 101,933	12,562	12,092	96	84	1 891	2,284	5,441	2,383	1,913
47	35	95 503	3 559,118	44 272,681	12,439	11,969	97	85	1 240	1,396	3,157	2,261	1,791
48	36	95 167	3 306,850	40 713,563	12,312	11,842	98	86	781	0,819	1,761	2,150	1,680
49	37	94 786	3 070,989	37 406,713	12,181	11,711	99	87	471	0,461	0,942	2,044	1,574
							100	88	270	0,246	0,481	1,955	1,485

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	2 852,239	34 411,396	12,065	11,595
1							51	38	93 964	2 646,675	31 559,157	11,924	11,454
2							52	39	93 458	2 454,466	28 912,483	11,780	11,310
3							53	40	92 901	2 274,909	26 458,017	11,630	11,160
4							54	41	92 302	2 107,454	24 183,108	11,475	11,005
5							55	42	91 635	1 950,778	22 075,654	11,316	10,846
6							56	43	90 916	1 804,651	20 124,876	11,152	10,682
7							57	44	90 144	1 668,361	18 320,225	10,981	10,511
8							58	45	89 325	1 541,447	16 651,865	10,803	10,333
9							59	46	88 415	1 422,611	15 110,418	10,622	10,152
10							60	47	87 431	1 311,676	13 687,807	10,435	9,965
11							61	48	86 354	1 207,940	12 376,131	10,246	9,776
12							62	49	85 225	1 111,559	11 168,191	10,047	9,577
13	0	99 431	40 027,411	576 714,034	14,408	13,938	63	50	84 001	1 021,535	10 056,632	9,845	9,375
14	1	99 104	37 198,923	536 686,624	14,427	13,958	64	51	82 704	937,775	9 035,097	9,635	9,165
15	2	99 060	34 668,730	499 487,701	14,407	13,938	65	52	81 312	859,668	8 097,322	9,419	8,949
16	3	99 024	32 313,490	464 818,970	14,385	13,915	66	53	79 823	786,876	7 237,654	9,198	8,728
17	4	98 980	30 115,875	432 505,481	14,361	13,891	67	54	78 254	719,260	6 450,778	8,969	8,499
18	5	98 935	28 067,118	402 389,606	14,337	13,867	68	55	76 598	656,451	5 731,517	8,731	8,261
19	6	98 871	26 152,898	374 322,488	14,313	13,843	69	56	74 823	597,888	5 075,066	8,488	8,018
20	7	98 809	24 369,735	348 169,590	14,287	13,817	70	57	72 928	543,352	4 477,179	8,240	7,770
21	8	98 742	22 706,892	323 799,855	14,260	13,790	71	58	70 914	492,630	3 933,827	7,985	7,515
22	9	98 680	21 158,674	301 092,964	14,230	13,760	72	59	68 767	445,422	3 441,197	7,726	7,256
23	10	98 618	19 716,015	279 934,290	14,198	13,728	73	60	66 447	401,303	2 995,775	7,465	6,995
24	11	98 556	18 371,626	260 218,275	14,164	13,694	74	61	63 965	360,200	2 594,472	7,203	6,733
25	12	98 491	17 118,493	241 846,649	14,128	13,658	75	62	61 306	321,887	2 234,273	6,941	6,471
26	13	98 425	15 950,616	224 728,157	14,089	13,619	76	63	58 501	286,399	1 912,385	6,677	6,207
27	14	98 356	14 861,824	208 777,540	14,048	13,578	77	64	55 545	253,543	1 625,986	6,413	5,943
28	15	98 281	13 846,694	193 915,716	14,004	13,535	78	65	52 405	223,039	1 372,443	6,153	5,683
29	16	98 207	12 900,921	180 069,022	13,958	13,488	79	66	49 106	194,871	1 149,404	5,898	5,428
30	17	98 128	12 019,159	167 168,101	13,908	13,439	80	67	45 752	169,287	954,533	5,639	5,169
31	18	98 046	11 197,265	155 148,942	13,856	13,386	81	68	42 260	145,798	785,246	5,386	4,916
32	19	97 952	10 430,322	143 951,678	13,801	13,331	82	69	38 714	124,533	639,448	5,135	4,665
33	20	97 857	9 715,892	133 521,355	13,743	13,273	83	70	35 136	105,385	514,915	4,886	4,416
34	21	97 766	9 050,618	123 805,463	13,679	13,209	84	71	31 582	88,321	409,530	4,637	4,167
35	22	97 666	8 430,164	114 754,845	13,612	13,143	85	72	28 036	73,103	321,210	4,394	3,924
36	23	97 559	7 851,684	106 324,682	13,542	13,072	86	73	24 488	59,537	248,106	4,167	3,697
37	24	97 447	7 312,576	98 472,997	13,466	12,996	87	74	21 041	47,697	188,569	3,953	3,484
38	25	97 329	6 809,970	91 160,421	13,386	12,916	88	75	17 706	37,426	140,872	3,764	3,294
39	26	97 203	6 341,373	84 350,451	13,302	12,832	89	76	14 701	28,972	103,446	3,571	3,101
40	27	97 063	5 904,183	78 009,079	13,213	12,743	90	77	11 973	22,002	74,474	3,385	2,915
41	28	96 905	5 496,141	72 104,895	13,119	12,649	91	78	9 652	16,538	52,473	3,173	2,703
42	29	96 736	5 115,666	66 608,754	13,021	12,551	92	79	7 519	12,012	35,935	2,992	2,522
43	30	96 553	4 760,839	61 493,088	12,916	12,447	93	80	5 665	8,438	23,923	2,835	2,365
44	31	96 341	4 429,258	56 732,248	12,809	12,339	94	81	4 150	5,763	15,486	2,687	2,217
45	32	96 105	4 119,712	52 302,990	12,696	12,226	95	82	2 947	3,816	9,722	2,548	2,078
46	33	95 840	3 830,637	48 183,278	12,578	12,109	96	83	2 023	2,442	5,906	2,418	1,948
47	34	95 541	3 560,563	44 352,640	12,457	11,987	97	84	1 339	1,508	3,464	2,297	1,827
48	35	95 207	3 308,260	40 792,078	12,330	11,860	98	85	853	0,896	1,956	2,184	1,714
49	36	94 831	3 072,421	37 483,818	12,200	11,730	99	86	521	0,510	1,060	2,079	1,609
							100	87	305	0,278	0,550	1,980	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	2 853,570	34 480,376	12,083	11,613
1							51	37	94 014	2 648,069	31 626,807	11,943	11,473
2							52	38	93 513	2 455,914	28 978,737	11,800	11,330
3							53	39	92 966	2 276,510	26 522,823	11,651	11,181
4							54	40	92 368	2 108,957	24 246,314	11,497	11,027
5							55	41	91 711	1 952,400	22 137,356	11,339	10,869
6							56	42	91 002	1 806,359	20 184,956	11,174	10,704
7							57	43	90 239	1 670,124	18 378,597	11,004	10,534
8							58	44	89 426	1 543,192	16 708,473	10,827	10,357
9							59	45	88 535	1 424,537	15 165,281	10,646	10,176
10							60	46	87 567	1 313,713	13 740,744	10,459	9,990
11							61	47	86 504	1 210,040	12 427,031	10,270	9,800
12							62	48	85 383	1 113,623	11 216,990	10,073	9,603
13							63	49	84 177	1 023,677	10 103,368	9,870	9,400
14	0	99 422	37 318,327	536 947,438	14,388	13,918	64	50	82 898	939,971	9 079,691	9,660	9,190
15	1	99 088	34 678,591	499 629,111	14,407	13,938	65	51	81 515	861,815	8 139,720	9,445	8,975
16	2	99 040	32 318,700	464 950,520	14,386	13,917	66	52	80 045	789,062	7 277,905	9,223	8,754
17	3	98 995	30 120,194	432 631,820	14,364	13,894	67	53	78 492	721,453	6 488,843	8,994	8,524
18	4	98 947	28 070,482	402 511,626	14,339	13,869	68	54	76 843	658,549	5 767,389	8,758	8,288
19	5	98 880	26 155,264	374 441,144	14,316	13,846	69	55	75 093	600,047	5 108,840	8,514	8,044
20	6	98 817	24 371,689	348 285,881	14,291	13,821	70	56	73 205	545,420	4 508,794	8,267	7,797
21	7	98 750	22 708,789	323 914,192	14,264	13,794	71	57	71 207	494,671	3 963,374	8,012	7,542
22	8	98 686	21 159,988	301 205,403	14,235	13,765	72	58	69 082	447,462	3 468,703	7,752	7,282
23	9	98 624	19 717,267	280 045,415	14,203	13,733	73	59	66 766	403,230	3 021,241	7,493	7,023
24	10	98 564	18 373,106	260 328,149	14,169	13,699	74	60	64 317	362,180	2 618,011	7,228	6,759
25	11	98 499	17 119,852	241 955,042	14,133	13,663	75	61	61 656	323,728	2 255,831	6,968	6,498
26	12	98 433	15 951,839	224 835,190	14,095	13,625	76	62	58 871	288,207	1 932,103	6,704	6,234
27	13	98 365	14 863,287	208 883,351	14,054	13,584	77	63	55 918	255,246	1 643,895	6,440	5,971
28	14	98 293	13 848,408	194 020,065	14,010	13,540	78	64	52 784	224,655	1 388,650	6,181	5,711
29	15	98 220	12 902,670	180 171,656	13,964	13,494	79	65	49 489	196,392	1 163,995	5,927	5,457
30	16	98 144	12 021,092	167 268,987	13,915	13,445	80	66	46 131	170,690	967,603	5,669	5,199
31	17	98 063	11 199,231	155 247,895	13,862	13,392	81	67	42 645	147,125	796,913	5,417	4,947
32	18	97 973	10 432,601	144 048,664	13,808	13,338	82	68	39 097	125,765	649,788	5,167	4,697
33	19	97 878	9 717,982	133 616,063	13,749	13,279	83	69	35 526	106,554	524,023	4,918	4,448
34	20	97 786	9 052,528	123 898,081	13,687	13,217	84	70	31 964	89,389	417,469	4,670	4,200
35	21	97 687	8 431,986	114 845,553	13,620	13,150	85	71	28 415	74,092	328,081	4,428	3,958
36	22	97 581	7 853,489	106 413,567	13,550	13,080	86	72	24 873	60,473	253,989	4,200	3,730
37	23	97 470	7 314,240	98 560,078	13,475	13,005	87	73	21 412	48,539	193,515	3,987	3,517
38	24	97 351	6 811,519	91 245,838	13,396	12,926	88	74	18 055	38,163	144,977	3,799	3,329
39	25	97 224	6 342,786	84 434,320	13,312	12,842	89	75	15 036	29,632	106,814	3,605	3,135
40	26	97 089	5 905,761	78 091,534	13,223	12,753	90	76	12 285	22,574	77,182	3,419	2,949
41	27	96 930	5 497,561	72 185,772	13,131	12,661	91	77	9 940	17,031	54,608	3,206	2,737
42	28	96 761	5 116,995	66 688,212	13,033	12,563	92	78	7 778	12,425	37,577	3,024	2,554
43	29	96 580	4 762,160	61 571,217	12,929	12,459	93	79	5 886	8,767	25,152	2,869	2,399
44	30	96 368	4 430,474	56 809,057	12,822	12,352	94	80	4 338	6,025	16,386	2,720	2,250
45	31	96 136	4 121,056	52 378,582	12,710	12,240	95	81	3 100	4,015	10,361	2,581	2,111
46	32	95 873	3 831,964	48 257,526	12,593	12,124	96	82	2 145	2,590	6,346	2,451	1,981
47	33	95 576	3 561,852	44 425,562	12,473	12,003	97	83	1 432	1,613	3,757	2,330	1,860
48	34	95 246	3 309,603	40 863,710	12,347	11,877	98	84	922	0,967	2,144	2,216	1,747
49	35	94 871	3 073,731	37 554,108	12,218	11,748	99	85	570	0,558	1,177	2,110	1,640
							100	86	337	0,308	0,619	2,012	1,542

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	2 854,786	34 543,250	12,100	11,630
1							51	36	94 058	2 649,305	31 688,464	11,961	11,491
2							52	37	93 562	2 457,208	29 039,159	11,818	11,348
3							53	38	93 021	2 277,853	26 581,951	11,670	11,200
4							54	39	92 433	2 110,442	24 304,098	11,516	11,046
5							55	40	91 776	1 953,793	22 193,657	11,359	10,889
6							56	41	91 078	1 807,862	20 239,864	11,195	10,726
7							57	42	90 325	1 671,705	18 432,002	11,026	10,556
8							58	43	89 520	1 544,822	16 760,297	10,849	10,379
9							59	44	88 635	1 426,150	15 215,475	10,669	10,199
10							60	45	87 685	1 315,493	13 789,325	10,482	10,012
11							61	46	86 638	1 211,920	12 473,832	10,293	9,823
12							62	47	85 531	1 115,559	11 261,912	10,095	9,625
13							63	48	84 333	1 025,577	10 146,354	9,893	9,423
14							64	49	83 071	941,942	9 120,776	9,683	9,213
15	0	99 406	34 789,905	499 869,555	14,368	13,898	65	50	81 706	863,833	8 178,835	9,468	8,998
16	1	99 068	32 327,892	465 079,650	14,386	13,916	66	51	80 245	791,033	7 315,002	9,247	8,778
17	2	99 011	30 125,050	432 751,759	14,365	13,895	67	52	78 710	723,458	6 523,969	9,018	8,548
18	3	98 961	28 074,508	402 626,708	14,341	13,871	68	53	77 077	660,557	5 800,511	8,781	8,311
19	4	98 892	26 158,399	374 552,200	14,319	13,849	69	54	75 333	601,965	5 139,955	8,539	8,069
20	5	98 826	24 373,893	348 393,802	14,294	13,824	70	55	73 470	547,390	4 537,990	8,290	7,820
21	6	98 758	22 710,610	324 019,908	14,267	13,797	71	56	71 478	496,554	3 990,601	8,037	7,567
22	7	98 694	21 161,756	301 309,299	14,238	13,768	72	57	69 368	449,316	3 494,047	7,776	7,306
23	8	98 631	19 718,491	280 147,543	14,207	13,737	73	58	67 072	405,077	3 044,730	7,516	7,047
24	9	98 570	18 374,273	260 429,051	14,174	13,704	74	59	64 626	363,919	2 639,653	7,253	6,784
25	10	98 507	17 121,232	242 054,779	14,138	13,668	75	60	61 995	325,508	2 275,734	6,991	6,521
26	11	98 441	15 953,106	224 933,547	14,100	13,630	76	61	59 207	289,855	1 950,227	6,728	6,258
27	12	98 373	14 864,426	208 980,441	14,059	13,589	77	62	56 271	256,857	1 660,371	6,464	5,994
28	13	98 303	13 849,771	194 116,015	14,016	13,546	78	63	53 139	226,163	1 403,514	6,206	5,736
29	14	98 232	12 904,267	180 266,245	13,970	13,500	79	64	49 848	197,815	1 177,351	5,952	5,482
30	15	98 157	12 022,721	167 361,977	13,920	13,451	80	65	46 491	172,022	979,536	5,694	5,224
31	16	98 079	11 201,031	155 339,256	13,868	13,398	81	66	42 998	148,344	807,514	5,444	4,974
32	17	97 990	10 434,433	144 138,225	13,814	13,344	82	67	39 452	126,910	659,169	5,194	4,724
33	18	97 900	9 720,105	133 703,792	13,755	13,285	83	68	35 877	107,608	532,260	4,946	4,476
34	19	97 807	9 054,475	123 983,686	13,693	13,223	84	69	32 318	90,380	424,652	4,699	4,229
35	20	97 707	8 433,766	114 929,212	13,627	13,157	85	70	28 758	74,988	334,272	4,458	3,988
36	21	97 602	7 855,187	106 495,446	13,557	13,087	86	71	25 210	61,291	259,284	4,230	3,760
37	22	97 492	7 315,921	98 640,259	13,483	13,013	87	72	21 748	49,302	197,993	4,016	3,546
38	23	97 373	6 813,068	91 324,338	13,404	12,934	88	73	18 374	38,836	148,692	3,829	3,359
39	24	97 246	6 344,228	84 511,270	13,321	12,851	89	74	15 332	30,216	109,855	3,636	3,166
40	25	97 110	5 907,077	78 167,041	13,233	12,763	90	75	12 565	23,088	79,639	3,449	2,979
41	26	96 956	5 499,030	72 259,964	13,140	12,671	91	76	10 198	17,474	56,551	3,236	2,766
42	27	96 786	5 118,316	66 760,934	13,044	12,574	92	77	8 010	12,795	39,078	3,054	2,584
43	28	96 605	4 763,397	61 642,618	12,941	12,471	93	78	6 088	9,068	26,282	2,898	2,428
44	29	96 394	4 431,703	56 879,220	12,835	12,365	94	79	4 507	6,260	17,214	2,750	2,280
45	30	96 163	4 122,187	52 447,517	12,723	12,253	95	80	3 241	4,197	10,954	2,610	2,140
46	31	95 904	3 833,214	48 325,330	12,607	12,137	96	81	2 256	2,724	6,757	2,480	2,010
47	32	95 609	3 563,086	44 492,116	12,487	12,017	97	82	1 519	1,710	4,033	2,359	1,889
48	33	95 280	3 310,801	40 929,030	12,362	11,892	98	83	986	1,035	2,323	2,245	1,776
49	34	94 910	3 074,979	37 618,229	12,234	11,764	99	84	615	0,602	1,288	2,140	1,670
							100	85	369	0,336	0,686	2,041	1,571

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	2 855,945	34 600,599	12,115	11,645
1							51	35	94 098	2 650,434	31 744,654	11,977	11,507
2							52	36	93 606	2 458,355	29 094,220	11,835	11,365
3							53	37	93 070	2 279,053	26 635,865	11,687	11,217
4							54	38	92 488	2 111,687	24 356,812	11,534	11,064
5							55	39	91 841	1 955,168	22 245,126	11,378	10,908
6							56	40	91 143	1 809,151	20 289,958	11,215	10,745
7							57	41	90 400	1 673,095	18 480,807	11,046	10,576
8							58	42	89 605	1 546,285	16 807,711	10,870	10,400
9							59	43	88 729	1 427,657	15 261,426	10,690	10,220
10							60	44	87 784	1 316,982	13 833,769	10,504	10,034
11							61	45	86 755	1 213,561	12 516,787	10,314	9,844
12							62	46	85 664	1 117,291	11 303,226	10,117	9,647
13							63	47	84 480	1 027,360	10 185,935	9,915	9,445
14							64	48	83 226	943,690	9 158,575	9,705	9,235
15							65	49	81 877	865,644	8 214,884	9,490	9,020
16	0	99 386	32 431,661	465 301,329	14,347	13,877	66	50	80 433	792,885	7 349,240	9,269	8,799
17	1	99 039	30 133,618	432 869,668	14,365	13,895	67	51	78 907	725,264	6 556,355	9,040	8,570
18	2	98 977	28 079,034	402 736,050	14,343	13,873	68	52	77 291	662,392	5 831,091	8,803	8,333
19	3	98 906	26 162,150	374 657,015	14,321	13,851	69	53	75 563	603,800	5 168,699	8,560	8,090
20	4	98 838	24 376,815	348 494,866	14,296	13,826	70	54	73 704	549,139	4 564,899	8,313	7,843
21	5	98 767	22 712,664	324 118,051	14,270	13,800	71	55	71 737	498,347	4 015,760	8,058	7,588
22	6	98 702	21 163,453	301 405,386	14,242	13,772	72	56	69 632	451,027	3 517,413	7,799	7,329
23	7	98 639	19 720,139	280 241,934	14,211	13,741	73	57	67 350	406,755	3 066,386	7,539	7,069
24	8	98 576	18 375,414	260 521,795	14,178	13,708	74	58	64 922	365,586	2 659,631	7,275	6,805
25	9	98 513	17 122,319	242 146,381	14,142	13,672	75	59	62 293	327,071	2 294,045	7,014	6,544
26	10	98 449	15 954,391	225 024,062	14,104	13,634	76	60	59 533	291,449	1 966,974	6,749	6,279
27	11	98 381	14 865,607	209 069,671	14,064	13,594	77	61	56 593	258,326	1 675,526	6,486	6,016
28	12	98 311	13 850,832	194 204,064	14,021	13,551	78	62	53 474	227,592	1 417,200	6,227	5,757
29	13	98 242	12 905,537	180 353,232	13,975	13,505	79	63	50 182	199,143	1 189,608	5,974	5,504
30	14	98 169	12 024,210	167 447,695	13,926	13,456	80	64	46 828	173,269	990,465	5,716	5,246
31	15	98 092	11 202,550	155 423,485	13,874	13,404	81	65	43 334	149,502	817,196	5,466	4,996
32	16	98 006	10 436,111	144 220,935	13,819	13,350	82	66	39 779	127,961	667,694	5,218	4,748
33	17	97 917	9 721,812	133 784,824	13,761	13,291	83	67	36 204	108,587	539,733	4,971	4,501
34	18	97 829	9 056,453	124 063,013	13,699	13,229	84	68	32 638	91,274	431,146	4,724	4,254
35	19	97 728	8 435,580	115 006,560	13,634	13,164	85	69	29 077	75,820	339,872	4,483	4,013
36	20	97 623	7 856,845	106 570,980	13,564	13,094	86	70	25 514	62,032	264,052	4,257	3,787
37	21	97 513	7 317,503	98 714,135	13,490	13,020	87	71	22 042	49,968	202,020	4,043	3,573
38	22	97 396	6 814,634	91 396,633	13,412	12,942	88	72	18 663	39,447	152,052	3,855	3,385
39	23	97 269	6 345,672	84 581,998	13,329	12,859	89	73	15 602	30,749	112,605	3,662	3,192
40	24	97 132	5 908,421	78 236,326	13,241	12,772	90	74	12 812	23,543	81,856	3,477	3,007
41	25	96 978	5 500,255	72 327,906	13,150	12,680	91	75	10 431	17,872	58,313	3,263	2,793
42	26	96 812	5 119,684	66 827,650	13,053	12,583	92	76	8 218	13,128	40,441	3,080	2,611
43	27	96 630	4 764,627	61 707,966	12,951	12,481	93	77	6 270	9,339	27,313	2,925	2,455
44	28	96 419	4 432,855	56 943,339	12,846	12,376	94	78	4 662	6,475	17,974	2,776	2,306
45	29	96 189	4 123,331	52 510,484	12,735	12,265	95	79	3 367	4,360	11,499	2,637	2,167
46	30	95 931	3 834,266	48 387,153	12,620	12,150	96	80	2 359	2,848	7,139	2,507	2,037
47	31	95 640	3 564,248	44 552,887	12,500	12,030	97	81	1 598	1,799	4,291	2,385	1,915
48	32	95 313	3 311,948	40 988,639	12,376	11,906	98	82	1 045	1,097	2,492	2,272	1,802
49	33	94 944	3 076,092	37 676,692	12,248	11,778	99	83	658	0,644	1,395	2,166	1,696
							100	84	398	0,363	0,751	2,067	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	2 856,979	34 652,878	12,129	11,659
1							51	34	94 136	2 651,510	31 795,900	11,992	11,522
2							52	35	93 646	2 459,403	29 144,389	11,850	11,380
3							53	36	93 114	2 280,116	26 684,987	11,703	11,233
4							54	37	92 536	2 112,799	24 404,870	11,551	11,081
5							55	38	91 895	1 956,321	22 292,071	11,395	10,925
6							56	39	91 207	1 810,424	20 335,750	11,233	10,763
7							57	40	90 464	1 674,289	18 525,325	11,065	10,595
8							58	41	89 680	1 547,571	16 851,037	10,889	10,419
9							59	42	88 813	1 429,009	15 303,465	10,709	10,239
10							60	43	87 877	1 318,373	13 874,457	10,524	10,054
11							61	44	86 854	1 214,935	12 556,083	10,335	9,865
12							62	45	85 780	1 118,805	11 341,148	10,137	9,667
13							63	46	84 611	1 028,956	10 222,344	9,935	9,465
14							64	47	83 370	945,331	9 193,387	9,725	9,255
15							65	48	82 029	867,251	8 248,057	9,511	9,041
16							66	49	80 601	794,547	7 380,805	9,289	8,819
17	0	99 357	30 230,344	433 074,051	14,326	13,856	67	50	79 092	726,963	6 586,258	9,060	8,590
18	1	99 005	28 087,020	402 843,707	14,343	13,873	68	51	77 484	664,046	5 859,295	8,824	8,354
19	2	98 922	26 166,368	374 756,686	14,322	13,852	69	52	75 772	605,477	5 195,249	8,580	8,111
20	3	98 852	24 380,311	348 590,318	14,298	13,828	70	53	73 929	550,813	4 589,772	8,333	7,863
21	4	98 779	22 715,387	324 210,007	14,273	13,803	71	54	71 966	499,940	4 038,959	8,079	7,609
22	5	98 711	21 165,367	301 494,620	14,245	13,775	72	55	69 883	452,655	3 539,019	7,818	7,348
23	6	98 647	19 721,720	280 329,253	14,214	13,744	73	56	67 606	408,304	3 086,364	7,559	7,089
24	7	98 584	18 376,949	260 607,533	14,181	13,711	74	57	65 191	367,101	2 678,060	7,295	6,825
25	8	98 519	17 123,382	242 230,584	14,146	13,676	75	58	62 578	328,569	2 310,959	7,033	6,564
26	9	98 455	15 955,404	225 107,202	14,109	13,639	76	59	59 819	292,848	1 982,390	6,769	6,299
27	10	98 389	14 866,804	209 151,797	14,068	13,598	77	60	56 904	259,746	1 689,542	6,505	6,035
28	11	98 318	13 851,933	194 284,993	14,026	13,556	78	61	53 780	228,893	1 429,796	6,247	5,777
29	12	98 250	12 906,526	180 433,061	13,980	13,510	79	62	50 499	200,400	1 200,903	5,993	5,523
30	13	98 179	12 025,393	167 526,535	13,931	13,461	80	63	47 142	174,432	1 000,503	5,736	5,266
31	14	98 104	11 203,937	155 501,142	13,879	13,409	81	64	43 648	150,586	826,071	5,486	5,016
32	15	98 019	10 437,526	144 297,205	13,825	13,355	82	65	40 090	128,960	675,485	5,238	4,768
33	16	97 933	9 723,375	133 859,679	13,767	13,297	83	66	36 504	109,487	546,525	4,992	4,522
34	17	97 846	9 058,043	124 136,304	13,705	13,235	84	67	32 935	92,105	437,038	4,745	4,275
35	18	97 750	8 437,423	115 078,261	13,639	13,169	85	68	29 365	76,570	344,933	4,505	4,035
36	19	97 644	7 858,535	106 640,838	13,570	13,100	86	69	25 797	62,720	268,364	4,279	3,809
37	20	97 534	7 319,047	98 782,303	13,497	13,027	87	70	22 309	50,573	205,644	4,066	3,596
38	21	97 417	6 816,108	91 463,257	13,419	12,949	88	71	18 915	39,980	155,071	3,879	3,409
39	22	97 291	6 347,130	84 647,149	13,336	12,866	89	72	15 848	31,232	115,091	3,685	3,215
40	23	97 154	5 909,765	78 300,019	13,249	12,779	90	73	13 038	23,959	83,859	3,500	3,030
41	24	97 000	5 501,506	72 390,254	13,158	12,688	91	74	10 636	18,224	59,900	3,287	2,817
42	25	96 834	5 120,825	66 888,748	13,062	12,592	92	75	8 405	13,427	41,676	3,104	2,634
43	26	96 656	4 765,900	61 767,922	12,960	12,490	93	76	6 433	9,582	28,249	2,948	2,478
44	27	96 444	4 433,999	57 002,022	12,856	12,386	94	77	4 801	6,668	18,667	2,799	2,330
45	28	96 214	4 124,402	52 568,023	12,746	12,276	95	78	3 483	4,510	11,999	2,660	2,190
46	29	95 957	3 835,330	48 443,620	12,631	12,161	96	79	2 451	2,959	7,489	2,531	2,061
47	30	95 667	3 565,226	44 608,290	12,512	12,042	97	80	1 670	1,880	4,529	2,409	1,939
48	31	95 344	3 313,028	41 043,064	12,388	11,918	98	81	1 099	1,154	2,649	2,296	1,826
49	32	94 977	3 077,158	37 730,036	12,261	11,791	99	82	698	0,683	1,495	2,190	1,720
							100	83	426	0,388	0,812	2,091	1,621

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	2 857,969	34 700,574	12,142	11,672
1							51	33	94 170	2 652,470	31 842,605	12,005	11,535
2							52	34	93 684	2 460,401	29 190,135	11,864	11,394
3							53	35	93 153	2 281,088	26 729,734	11,718	11,248
4							54	36	92 580	2 113,785	24 448,646	11,566	11,096
5							55	37	91 943	1 957,352	22 334,861	11,411	10,941
6							56	38	91 261	1 811,492	20 377,509	11,249	10,779
7							57	39	90 528	1 675,467	18 566,016	11,081	10,611
8							58	40	89 744	1 548,675	16 890,549	10,906	10,437
9							59	41	88 887	1 430,197	15 341,874	10,727	10,257
10							60	42	87 960	1 319,622	13 911,677	10,542	10,072
11							61	43	86 945	1 216,219	12 592,055	10,353	9,884
12							62	44	85 877	1 120,071	11 375,836	10,156	9,686
13							63	45	84 726	1 030,350	10 255,765	9,954	9,484
14							64	46	83 500	946,799	9 225,415	9,744	9,274
15							65	47	82 172	868,759	8 278,616	9,529	9,059
16							66	48	80 751	796,022	7 409,857	9,309	8,839
17							67	49	79 258	728,487	6 613,835	9,079	8,609
18	0	99 323	28 177,177	403 032,150	14,303	13,834	68	50	77 666	665,601	5 885,348	8,842	8,372
19	1	98 950	26 173,810	374 854,973	14,322	13,852	69	51	75 962	606,989	5 219,747	8,599	8,130
20	2	98 868	24 384,242	348 681,163	14,299	13,830	70	52	74 135	552,344	4 612,758	8,351	7,881
21	3	98 793	22 718,644	324 296,921	14,274	13,805	71	53	72 185	501,464	4 060,414	8,097	7,627
22	4	98 723	21 167,904	301 578,277	14,247	13,777	72	54	70 107	454,102	3 558,950	7,837	7,367
23	5	98 656	19 723,504	280 410,373	14,217	13,747	73	55	67 850	409,778	3 104,848	7,577	7,107
24	6	98 592	18 378,423	260 686,868	14,184	13,715	74	56	65 439	368,498	2 695,070	7,314	6,844
25	7	98 528	17 124,813	242 308,446	14,150	13,680	75	57	62 838	329,930	2 326,572	7,052	6,582
26	8	98 461	15 956,395	225 183,633	14,112	13,643	76	58	60 093	294,190	1 996,642	6,787	6,317
27	9	98 395	14 867,748	209 227,238	14,073	13,603	77	59	57 177	260,993	1 702,452	6,523	6,053
28	10	98 326	13 853,049	194 359,490	14,030	13,560	78	60	54 076	230,151	1 441,459	6,263	5,793
29	11	98 257	12 907,551	180 506,441	13,985	13,515	79	61	50 788	201,546	1 211,307	6,010	5,540
30	12	98 186	12 026,315	167 598,890	13,936	13,466	80	62	47 440	175,533	1 009,761	5,753	5,283
31	13	98 114	11 205,039	155 572,575	13,884	13,414	81	63	43 941	151,597	834,228	5,503	5,033
32	14	98 031	10 438,818	144 367,536	13,830	13,360	82	64	40 380	129,895	682,631	5,255	4,785
33	15	97 946	9 724,693	133 928,718	13,772	13,302	83	65	36 789	110,341	552,737	5,009	4,539
34	16	97 862	9 059,500	124 204,025	13,710	13,240	84	66	33 208	92,868	442,395	4,764	4,294
35	17	97 767	8 438,904	115 144,525	13,644	13,175	85	67	29 632	77,267	349,527	4,524	4,054
36	18	97 665	7 860,252	106 705,621	13,575	13,105	86	68	26 053	63,341	272,261	4,298	3,828
37	19	97 555	7 320,621	98 845,369	13,502	13,032	87	69	22 556	51,133	208,920	4,086	3,616
38	20	97 437	6 817,546	91 524,748	13,425	12,955	88	70	19 144	40,464	157,787	3,899	3,430
39	21	97 312	6 348,503	84 707,202	13,343	12,873	89	71	16 062	31,655	117,323	3,706	3,236
40	22	97 177	5 911,123	78 358,700	13,256	12,786	90	72	13 243	24,335	85,668	3,520	3,050
41	23	97 022	5 502,758	72 447,576	13,166	12,696	91	73	10 824	18,545	61,333	3,307	2,837
42	24	96 856	5 121,990	66 944,819	13,070	12,600	92	74	8 571	13,692	42,788	3,125	2,655
43	25	96 678	4 766,963	61 822,829	12,969	12,499	93	75	6 579	9,800	29,096	2,969	2,499
44	26	96 470	4 435,184	57 055,866	12,864	12,394	94	76	4 926	6,842	19,296	2,820	2,350
45	27	96 239	4 125,467	52 620,682	12,755	12,285	95	77	3 587	4,645	12,454	2,681	2,211
46	28	95 982	3 836,327	48 495,215	12,641	12,171	96	78	2 535	3,061	7,809	2,551	2,081
47	29	95 693	3 566,215	44 658,888	12,523	12,053	97	79	1 735	1,954	4,748	2,430	1,960
48	30	95 371	3 313,937	41 092,673	12,400	11,930	98	80	1 149	1,206	2,795	2,317	1,847
49	31	95 008	3 078,161	37 778,735	12,273	11,803	99	81	734	0,718	1,588	2,211	1,741
							100	82	451	0,412	0,870	2,112	1,642



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	2 858,901	34 744,109	12,153	11,683
1							51	32	94 203	2 653,389	31 885,208	12,017	11,547
2							52	33	93 718	2 461,292	29 231,820	11,877	11,407
3							53	34	93 191	2 282,015	26 770,528	11,731	11,261
4							54	35	92 619	2 114,686	24 488,513	11,580	11,110
5							55	36	91 986	1 958,265	22 373,827	11,425	10,955
6							56	37	91 309	1 812,447	20 415,562	11,264	10,794
7							57	38	90 581	1 676,455	18 603,115	11,097	10,627
8							58	39	89 807	1 549,765	16 926,659	10,922	10,452
9							59	40	88 950	1 431,218	15 376,894	10,744	10,274
10							60	41	88 034	1 320,719	13 945,677	10,559	10,089
11							61	42	87 028	1 217,370	12 624,958	10,371	9,901
12							62	43	85 968	1 121,255	11 407,587	10,174	9,704
13							63	44	84 822	1 031,516	10 286,333	9,972	9,502
14							64	45	83 613	948,082	9 254,816	9,762	9,292
15							65	46	82 300	870,108	8 306,735	9,547	9,077
16							66	47	80 891	797,406	7 436,626	9,326	8,856
17							67	48	79 405	729,839	6 639,220	9,097	8,627
18							68	49	77 829	666,996	5 909,381	8,860	8,390
19	0	99 268	26 257,825	375 028,714	14,283	13,813	69	50	76 140	608,411	5 242,385	8,617	8,147
20	1	98 896	24 391,177	348 770,889	14,299	13,829	70	51	74 320	553,723	4 633,974	8,369	7,899
21	2	98 809	22 722,308	324 379,712	14,276	13,806	71	52	72 386	502,857	4 080,251	8,114	7,644
22	3	98 737	21 170,940	301 657,404	14,249	13,779	72	53	70 320	455,486	3 577,394	7,854	7,384
23	4	98 667	19 725,868	280 486,464	14,219	13,749	73	54	68 067	411,088	3 121,907	7,594	7,124
24	5	98 601	18 380,085	260 760,596	14,187	13,717	74	55	65 675	369,829	2 710,820	7,330	6,860
25	6	98 536	17 126,186	242 380,511	14,153	13,683	75	56	63 077	331,186	2 340,991	7,068	6,599
26	7	98 469	15 957,728	225 254,325	14,116	13,646	76	57	60 342	295,408	2 009,804	6,803	6,334
27	8	98 401	14 868,672	209 296,596	14,076	13,606	77	58	57 439	262,189	1 714,396	6,539	6,069
28	9	98 333	13 853,928	194 427,925	14,034	13,564	78	59	54 335	231,256	1 452,207	6,280	5,810
29	10	98 265	12 908,591	180 573,996	13,989	13,519	79	60	51 067	202,654	1 220,951	6,025	5,555
30	11	98 194	12 027,270	167 665,405	13,940	13,471	80	61	47 711	176,537	1 018,296	5,768	5,298
31	12	98 121	11 205,898	155 638,135	13,889	13,419	81	62	44 219	152,554	841,759	5,518	5,048
32	13	98 041	10 439,845	144 432,237	13,835	13,365	82	63	40 651	130,767	689,206	5,270	4,801
33	14	97 958	9 725,897	133 992,392	13,777	13,307	83	64	37 055	111,141	558,439	5,025	4,555
34	15	97 875	9 060,728	124 266,495	13,715	13,245	84	65	33 467	93,593	447,298	4,779	4,309
35	16	97 783	8 440,261	115 205,767	13,650	13,180	85	66	29 878	77,907	353,705	4,540	4,070
36	17	97 682	7 861,632	106 765,506	13,581	13,111	86	67	26 290	63,917	275,798	4,315	3,845
37	18	97 576	7 322,221	98 903,874	13,507	13,037	87	68	22 780	51,639	211,881	4,103	3,633
38	19	97 458	6 819,012	91 581,654	13,430	12,960	88	69	19 356	40,912	160,242	3,917	3,447
39	20	97 332	6 349,842	84 762,641	13,349	12,879	89	70	16 256	32,037	119,330	3,725	3,255
40	21	97 198	5 912,401	78 412,799	13,262	12,793	90	71	13 422	24,664	87,292	3,539	3,069
41	22	97 044	5 504,023	72 500,398	13,172	12,702	91	72	10 994	18,837	62,628	3,325	2,855
42	23	96 878	5 123,155	66 996,375	13,077	12,607	92	73	8 722	13,934	43,791	3,143	2,673
43	24	96 700	4 768,047	61 873,220	12,977	12,507	93	74	6 709	9,993	29,857	2,988	2,518
44	25	96 492	4 436,173	57 105,174	12,873	12,403	94	75	5 038	6,998	19,864	2,839	2,369
45	26	96 265	4 126,570	52 669,001	12,763	12,293	95	76	3 680	4,766	12,867	2,700	2,230
46	27	96 007	3 837,317	48 542,431	12,650	12,180	96	77	2 611	3,152	8,101	2,570	2,100
47	28	95 718	3 567,142	44 705,114	12,532	12,063	97	78	1 795	2,021	4,949	2,449	1,979
48	29	95 397	3 314,857	41 137,972	12,410	11,940	98	79	1 194	1,253	2,928	2,336	1,866
49	30	95 034	3 079,006	37 823,116	12,284	11,814	99	80	767	0,751	1,674	2,230	1,760
							100	81	475	0,433	0,924	2,131	1,662

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	2 859,685	34 783,773	12,163	11,694
1							51	31	94 233	2 654,254	31 924,087	12,028	11,558
2							52	32	93 750	2 462,144	29 269,833	11,888	11,418
3							53	33	93 225	2 282,840	26 807,689	11,743	11,273
4							54	34	92 657	2 115,545	24 524,848	11,593	11,123
5							55	35	92 026	1 959,100	22 409,304	11,439	10,969
6							56	36	91 352	1 813,293	20 450,203	11,278	10,808
7							57	37	90 629	1 677,339	18 636,911	11,111	10,641
8							58	38	89 860	1 550,679	16 959,572	10,937	10,467
9							59	39	89 013	1 432,225	15 408,893	10,759	10,289
10							60	40	88 096	1 321,661	13 976,668	10,575	10,105
11							61	41	87 100	1 218,383	12 655,007	10,387	9,917
12							62	42	86 049	1 122,316	11 436,624	10,190	9,720
13							63	43	84 911	1 032,606	10 314,308	9,989	9,519
14							64	44	83 707	949,155	9 281,701	9,779	9,309
15							65	45	82 411	871,287	8 332,546	9,563	9,094
16							66	46	81 017	798,645	7 461,260	9,342	8,873
17							67	47	79 543	731,108	6 662,615	9,113	8,643
18							68	48	77 973	668,235	5 931,507	8,876	8,406
19							69	49	76 299	609,686	5 263,272	8,633	8,163
20	0	99 213	24 469,470	348 931,083	14,260	13,790	70	50	74 494	555,020	4 653,586	8,385	7,915
21	1	98 837	22 728,770	324 461,613	14,275	13,805	71	51	72 567	504,113	4 098,567	8,130	7,660
22	2	98 753	21 174,353	301 732,843	14,250	13,780	72	52	70 516	456,752	3 594,454	7,870	7,400
23	3	98 682	19 728,697	280 558,490	14,221	13,751	73	53	68 275	412,341	3 137,702	7,609	7,140
24	4	98 613	18 382,288	260 829,792	14,189	13,719	74	54	65 885	371,011	2 725,360	7,346	6,876
25	5	98 545	17 127,735	242 447,504	14,155	13,685	75	55	63 305	332,382	2 354,350	7,083	6,613
26	6	98 477	15 959,008	225 319,769	14,119	13,649	76	56	60 571	296,533	2 021,967	6,819	6,349
27	7	98 409	14 869,914	209 360,761	14,079	13,610	77	57	57 677	263,275	1 725,434	6,554	6,084
28	8	98 339	13 854,789	194 490,847	14,038	13,568	78	58	54 584	232,316	1 462,159	6,294	5,824
29	9	98 272	12 909,411	180 636,058	13,993	13,523	79	59	51 312	203,627	1 229,843	6,040	5,570
30	10	98 202	12 028,239	167 726,647	13,944	13,475	80	60	47 973	177,508	1 026,216	5,781	5,311
31	11	98 129	11 206,788	155 698,408	13,893	13,423	81	61	44 471	153,426	848,708	5,532	5,062
32	12	98 049	10 440,645	144 491,620	13,839	13,369	82	62	40 908	131,592	695,282	5,284	4,814
33	13	97 968	9 726,854	134 050,975	13,782	13,312	83	63	37 304	111,887	563,690	5,038	4,568
34	14	97 887	9 061,850	124 324,121	13,720	13,250	84	64	33 709	94,271	451,803	4,793	4,323
35	15	97 796	8 441,405	115 262,271	13,654	13,184	85	65	30 111	78,515	357,532	4,554	4,084
36	16	97 698	7 862,896	106 820,866	13,585	13,116	86	66	26 508	64,447	279,017	4,329	3,860
37	17	97 593	7 323,506	98 957,970	13,512	13,042	87	67	22 987	52,109	214,570	4,118	3,648
38	18	97 480	6 820,502	91 634,464	13,435	12,965	88	68	19 548	41,317	162,461	3,932	3,462
39	19	97 353	6 351,208	84 813,962	13,354	12,884	89	69	16 436	32,393	121,144	3,740	3,270
40	20	97 218	5 913,649	78 462,754	13,268	12,798	90	70	13 585	24,963	88,751	3,555	3,085
41	21	97 065	5 505,212	72 549,105	13,178	12,708	91	71	11 143	19,092	63,789	3,341	2,871
42	22	96 900	5 124,333	67 043,892	13,083	12,614	92	72	8 859	14,153	44,697	3,158	2,688
43	23	96 722	4 769,132	61 919,559	12,983	12,514	93	73	6 827	10,169	30,544	3,004	2,534
44	24	96 514	4 437,182	57 150,428	12,880	12,410	94	74	5 138	7,135	20,375	2,855	2,386
45	25	96 286	4 127,489	52 713,246	12,771	12,301	95	75	3 764	4,874	13,240	2,716	2,246
46	26	96 033	3 838,342	48 585,757	12,658	12,188	96	76	2 679	3,234	8,365	2,587	2,117
47	27	95 743	3 568,063	44 747,414	12,541	12,071	97	77	1 849	2,081	5,131	2,465	1,995
48	28	95 422	3 315,718	41 179,352	12,419	11,950	98	78	1 235	1,297	3,050	2,352	1,882
49	29	95 060	3 079,861	37 863,634	12,294	11,824	99	79	797	0,780	1,753	2,247	1,777
							100	80	496	0,453	0,973	2,148	1,679

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	2 860,479	34 819,978	12,173	11,703
1							51	30	94 259	2 654,983	31 959,499	12,038	11,568
2							52	31	93 781	2 462,947	29 304,516	11,898	11,428
3							53	32	93 257	2 283,631	26 841,568	11,754	11,284
4							54	33	92 690	2 116,310	24 557,937	11,604	11,134
5							55	34	92 063	1 959,896	22 441,627	11,450	10,981
6							56	35	91 391	1 814,066	20 481,731	11,291	10,821
7							57	36	90 671	1 678,121	18 667,665	11,124	10,654
8							58	37	89 907	1 551,496	16 989,544	10,950	10,481
9							59	38	89 065	1 433,070	15 438,048	10,773	10,303
10							60	39	88 158	1 322,591	14 004,978	10,589	10,119
11							61	40	87 162	1 219,252	12 682,387	10,402	9,932
12							62	41	86 121	1 123,250	11 463,135	10,205	9,735
13							63	42	84 992	1 033,584	10 339,885	10,004	9,534
14							64	43	83 796	950,158	9 306,301	9,794	9,325
15							65	44	82 504	872,273	8 356,143	9,580	9,110
16							66	45	81 127	799,726	7 483,870	9,358	8,888
17							67	46	79 666	732,243	6 684,144	9,128	8,658
18							68	47	78 109	669,396	5 951,900	8,891	8,422
19							69	48	76 441	610,818	5 282,504	8,648	8,178
20							70	49	74 650	556,183	4 671,686	8,400	7,930
21	0	99 154	22 801,727	324 609,320	14,236	13,766	71	50	72 736	505,294	4 115,502	8,145	7,675
22	1	98 781	21 180,376	301 807,594	14,249	13,779	72	51	70 692	457,893	3 610,209	7,884	7,415
23	2	98 698	19 731,878	280 627,218	14,222	13,752	73	52	68 464	413,487	3 152,316	7,624	7,154
24	3	98 627	18 384,925	260 895,340	14,191	13,721	74	53	66 086	372,142	2 738,830	7,360	6,890
25	4	98 556	17 129,788	242 510,415	14,157	13,687	75	54	63 507	333,445	2 366,688	7,098	6,628
26	5	98 486	15 960,452	225 380,627	14,121	13,651	76	55	60 790	297,604	2 033,243	6,832	6,362
27	6	98 417	14 871,106	209 420,175	14,082	13,612	77	56	57 897	264,278	1 735,639	6,567	6,098
28	7	98 347	13 855,946	194 549,069	14,041	13,571	78	57	54 810	233,278	1 471,362	6,307	5,837
29	8	98 278	12 910,213	180 693,123	13,996	13,526	79	58	51 548	204,560	1 238,084	6,052	5,583
30	9	98 208	12 029,003	167 782,910	13,948	13,478	80	59	48 204	178,360	1 033,523	5,795	5,325
31	10	98 137	11 207,691	155 753,907	13,897	13,427	81	60	44 716	154,270	855,163	5,543	5,073
32	11	98 056	10 441,474	144 546,216	13,843	13,374	82	61	41 142	132,345	700,894	5,296	4,826
33	12	97 975	9 727,600	134 104,742	13,786	13,316	83	62	37 540	112,594	568,549	5,050	4,580
34	13	97 897	9 062,741	124 377,142	13,724	13,254	84	63	33 936	94,904	455,955	4,804	4,334
35	14	97 808	8 442,450	115 314,401	13,659	13,189	85	64	30 329	79,084	361,051	4,565	4,096
36	15	97 711	7 863,962	106 871,950	13,590	13,120	86	65	26 714	64,950	281,968	4,341	3,871
37	16	97 609	7 324,684	99 007,989	13,517	13,047	87	66	23 177	52,541	217,018	4,130	3,661
38	17	97 497	6 821,700	91 683,305	13,440	12,970	88	67	19 725	41,693	164,477	3,945	3,475
39	18	97 375	6 352,596	84 861,605	13,359	12,889	89	68	16 599	32,713	122,784	3,753	3,283
40	19	97 239	5 914,921	78 509,009	13,273	12,803	90	69	13 735	25,239	90,071	3,569	3,099
41	20	97 086	5 506,374	72 594,088	13,184	12,714	91	70	11 278	19,323	64,831	3,355	2,885
42	21	96 921	5 125,441	67 087,714	13,089	12,619	92	71	8 979	14,344	45,509	3,173	2,703
43	22	96 744	4 770,228	61 962,274	12,989	12,519	93	72	6 934	10,329	31,165	3,017	2,547
44	23	96 536	4 438,191	57 192,046	12,886	12,416	94	73	5 228	7,261	20,836	2,869	2,400
45	24	96 308	4 128,428	52 753,855	12,778	12,308	95	74	3 838	4,970	13,574	2,731	2,261
46	25	96 054	3 839,198	48 625,427	12,666	12,196	96	75	2 740	3,308	8,604	2,601	2,131
47	26	95 768	3 569,016	44 786,229	12,549	12,079	97	76	1 897	2,135	5,296	2,480	2,010
48	27	95 447	3 316,574	41 217,213	12,428	11,958	98	77	1 272	1,335	3,161	2,367	1,897
49	28	95 085	3 080,661	37 900,638	12,303	11,833	99	78	825	0,807	1,825	2,262	1,792
							100	79	516	0,471	1,018	2,164	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	2 861,222	34 853,035	12,181	11,711
1							51	29	94 285	2 655,719	31 991,813	12,046	11,576
2							52	30	93 807	2 463,624	29 336,094	11,908	11,438
3							53	31	93 288	2 284,376	26 872,470	11,764	11,294
4							54	32	92 722	2 117,044	24 588,094	11,614	11,144
5							55	33	92 096	1 960,605	22 471,051	11,461	10,991
6							56	34	91 428	1 814,802	20 510,446	11,302	10,832
7							57	35	90 710	1 678,837	18 695,643	11,136	10,666
8							58	36	89 949	1 552,220	17 016,807	10,963	10,493
9							59	37	89 112	1 433,825	15 464,587	10,786	10,316
10							60	38	88 210	1 323,372	14 030,762	10,602	10,132
11							61	39	87 224	1 220,110	12 707,390	10,415	9,945
12							62	40	86 182	1 124,051	11 487,280	10,220	9,750
13							63	41	85 062	1 034,443	10 363,229	10,018	9,548
14							64	42	83 875	951,058	9 328,786	9,809	9,339
15							65	43	82 592	873,195	8 377,728	9,594	9,124
16							66	44	81 218	800,632	7 504,533	9,373	8,903
17							67	45	79 774	733,235	6 703,901	9,143	8,673
18							68	46	78 230	670,436	5 970,666	8,906	8,436
19							69	47	76 574	611,880	5 300,230	8,662	8,192
20							70	48	74 788	557,216	4 688,350	8,414	7,944
21							71	49	72 889	506,353	4 131,135	8,159	7,689
22	0	99 098	21 248,362	301 943,795	14,210	13,740	72	50	70 857	458,965	3 624,782	7,898	7,428
23	1	98 726	19 737,490	280 695,433	14,221	13,752	73	51	68 635	414,519	3 165,817	7,637	7,167
24	2	98 643	18 387,889	260 957,943	14,192	13,722	74	52	66 270	373,176	2 751,297	7,373	6,903
25	3	98 570	17 132,245	242 570,054	14,159	13,689	75	53	63 701	334,461	2 378,122	7,110	6,640
26	4	98 498	15 962,365	225 437,809	14,123	13,653	76	54	60 984	298,552	2 043,660	6,845	6,375
27	5	98 426	14 872,452	209 475,444	14,085	13,615	77	55	58 106	265,232	1 745,105	6,580	6,110
28	6	98 355	13 857,057	194 602,992	14,044	13,574	78	56	55 019	234,166	1 479,874	6,320	5,850
29	7	98 286	12 911,291	180 745,935	13,999	13,529	79	57	51 761	205,408	1 245,707	6,065	5,595
30	8	98 215	12 029,750	167 834,644	13,952	13,482	80	58	48 425	179,177	1 040,300	5,806	5,336
31	9	98 143	11 208,403	155 804,894	13,901	13,431	81	59	44 931	155,010	861,123	5,555	5,085
32	10	98 064	10 442,316	144 596,492	13,847	13,377	82	60	41 368	133,072	706,112	5,306	4,836
33	11	97 983	9 728,372	134 154,176	13,790	13,320	83	61	37 754	113,238	573,040	5,061	4,591
34	12	97 904	9 063,436	124 425,803	13,728	13,258	84	62	34 150	95,503	459,802	4,815	4,345
35	13	97 818	8 443,281	115 362,367	13,663	13,193	85	63	30 533	79,615	364,299	4,576	4,106
36	14	97 723	7 864,936	106 919,087	13,594	13,125	86	64	26 908	65,420	284,684	4,352	3,882
37	15	97 622	7 325,677	99 054,151	13,522	13,052	87	65	23 358	52,951	219,264	4,141	3,671
38	16	97 512	6 822,797	91 728,474	13,444	12,975	88	66	19 889	42,039	166,313	3,956	3,486
39	17	97 392	6 353,711	84 905,678	13,363	12,893	89	67	16 750	33,011	124,274	3,765	3,295
40	18	97 260	5 916,213	78 551,967	13,277	12,808	90	68	13 871	25,489	91,264	3,580	3,111
41	19	97 107	5 507,559	72 635,753	13,188	12,718	91	69	11 403	19,537	65,774	3,367	2,897
42	20	96 941	5 126,522	67 128,195	13,094	12,624	92	70	9 087	14,517	46,238	3,185	2,715
43	21	96 765	4 771,259	62 001,672	12,995	12,525	93	71	7 028	10,469	31,720	3,030	2,560
44	22	96 558	4 439,211	57 230,413	12,892	12,422	94	72	5 310	7,375	21,251	2,881	2,411
45	23	96 330	4 129,367	52 791,202	12,784	12,314	95	73	3 906	5,058	13,876	2,743	2,273
46	24	96 076	3 840,071	48 661,835	12,672	12,202	96	74	2 794	3,373	8,818	2,614	2,144
47	25	95 790	3 569,812	44 821,764	12,556	12,086	97	75	1 940	2,184	5,445	2,493	2,023
48	26	95 472	3 317,460	41 251,952	12,435	11,965	98	76	1 305	1,370	3,261	2,380	1,910
49	27	95 109	3 081,456	37 934,492	12,311	11,841	99	77	849	0,831	1,891	2,275	1,805
							100	78	533	0,487	1,060	2,177	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	2 861,961	34 883,272	12,189	11,719
1							51	28	94 310	2 656,409	32 021,312	12,054	11,584
2							52	29	93 833	2 464,307	29 364,902	11,916	11,446
3							53	30	93 313	2 285,003	26 900,595	11,773	11,303
4							54	31	92 753	2 117,734	24 615,592	11,624	11,154
5							55	32	92 128	1 961,284	22 497,858	11,471	11,001
6							56	33	91 461	1 815,459	20 536,574	11,312	10,842
7							57	34	90 747	1 679,518	18 721,115	11,147	10,677
8							58	35	89 987	1 552,882	17 041,596	10,974	10,504
9							59	36	89 154	1 434,494	15 488,714	10,797	10,327
10							60	37	88 257	1 324,069	14 054,221	10,614	10,145
11							61	38	87 275	1 220,830	12 730,152	10,427	9,958
12							62	39	86 243	1 124,842	11 509,322	10,232	9,762
13							63	40	85 123	1 035,181	10 384,480	10,032	9,562
14							64	41	83 945	951,848	9 349,299	9,822	9,352
15							65	42	82 670	874,022	8 397,450	9,608	9,138
16							66	43	81 304	801,478	7 523,428	9,387	8,917
17							67	44	79 865	734,065	6 721,951	9,157	8,687
18							68	45	78 336	671,344	5 987,885	8,919	8,449
19							69	46	76 693	612,830	5 316,541	8,675	8,205
20							70	47	74 918	558,184	4 703,711	8,427	7,957
21							71	48	73 024	507,293	4 145,526	8,172	7,702
22							72	49	71 006	459,927	3 638,234	7,910	7,441
23	0	99 043	19 800,845	280 821,029	14,182	13,712	73	50	68 796	415,490	3 178,306	7,650	7,180
24	1	98 671	18 393,119	261 020,184	14,191	13,721	74	51	66 435	374,108	2 762,816	7,385	6,915
25	2	98 586	17 135,007	242 627,065	14,160	13,690	75	52	63 878	335,390	2 388,709	7,122	6,652
26	3	98 512	15 964,654	225 492,058	14,124	13,655	76	53	61 170	299,465	2 053,318	6,857	6,387
27	4	98 438	14 874,234	209 527,404	14,087	13,617	77	54	58 291	266,079	1 753,853	6,591	6,122
28	5	98 364	13 858,311	194 653,170	14,046	13,576	78	55	55 218	235,012	1 487,774	6,331	5,861
29	6	98 294	12 912,326	180 794,859	14,002	13,532	79	56	51 958	206,190	1 252,762	6,076	5,606
30	7	98 223	12 030,755	167 882,532	13,954	13,485	80	57	48 625	179,919	1 046,572	5,817	5,347
31	8	98 149	11 209,099	155 851,778	13,904	13,434	81	58	45 136	155,720	866,653	5,565	5,096
32	9	98 070	10 442,979	144 642,679	13,851	13,381	82	59	41 567	133,711	710,932	5,317	4,847
33	10	97 991	9 729,156	134 199,700	13,794	13,324	83	60	37 962	113,860	577,221	5,070	4,600
34	11	97 912	9 064,156	124 470,544	13,732	13,262	84	61	34 345	96,049	463,361	4,824	4,354
35	12	97 825	8 443,928	115 406,388	13,667	13,197	85	62	30 725	80,118	367,312	4,585	4,115
36	13	97 733	7 865,709	106 962,460	13,599	13,129	86	63	27 089	65,860	287,194	4,361	3,891
37	14	97 634	7 326,584	99 096,751	13,526	13,056	87	64	23 528	53,335	221,334	4,150	3,680
38	15	97 526	6 823,722	91 770,167	13,449	12,979	88	65	20 044	42,367	168,000	3,965	3,495
39	16	97 407	6 354,733	84 946,445	13,367	12,898	89	66	16 889	33,284	125,633	3,775	3,305
40	17	97 277	5 917,252	78 591,712	13,282	12,812	90	67	13 997	25,721	92,349	3,590	3,120
41	18	97 128	5 508,762	72 674,460	13,193	12,723	91	68	11 515	19,730	66,627	3,377	2,907
42	19	96 962	5 127,625	67 165,698	13,099	12,629	92	69	9 188	14,678	46,897	3,195	2,725
43	20	96 785	4 772,266	62 038,074	13,000	12,530	93	70	7 113	10,595	32,219	3,041	2,571
44	21	96 579	4 440,171	57 265,808	12,897	12,427	94	71	5 382	7,475	21,624	2,893	2,423
45	22	96 352	4 130,316	52 825,637	12,790	12,320	95	72	3 967	5,138	14,148	2,754	2,284
46	23	96 098	3 840,945	48 695,320	12,678	12,208	96	73	2 843	3,433	9,011	2,625	2,155
47	24	95 811	3 570,624	44 854,376	12,562	12,092	97	74	1 978	2,227	5,578	2,505	2,035
48	25	95 493	3 318,200	41 283,752	12,442	11,972	98	75	1 335	1,401	3,351	2,392	1,922
49	26	95 135	3 082,280	37 965,552	12,317	11,847	99	76	871	0,853	1,950	2,287	1,817
							100	77	549	0,501	1,097	2,189	1,719

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 7,25%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	2 862,726	34 911,013	12,195	11,725
1							51	27	94 334	2 657,095	32 048,287	12,061	11,592
2							52	28	93 857	2 464,947	29 391,192	11,924	11,454
3							53	29	93 339	2 285,637	26 926,245	11,781	11,311
4							54	30	92 778	2 118,315	24 640,607	11,632	11,162
5							55	31	92 158	1 961,924	22 522,292	11,480	11,010
6							56	32	91 493	1 816,088	20 560,368	11,321	10,851
7							57	33	90 780	1 680,126	18 744,280	11,156	10,687
8							58	34	90 024	1 553,512	17 064,154	10,984	10,514
9							59	35	89 192	1 435,105	15 510,642	10,808	10,338
10							60	36	88 298	1 324,687	14 075,536	10,626	10,156
11							61	37	87 321	1 221,473	12 750,850	10,439	9,969
12							62	38	86 294	1 125,506	11 529,377	10,244	9,774
13							63	39	85 183	1 035,910	10 403,871	10,043	9,573
14							64	40	84 005	952,527	9 367,961	9,835	9,365
15							65	41	82 739	874,749	8 415,434	9,620	9,151
16							66	42	81 381	802,237	7 540,685	9,400	8,930
17							67	43	79 949	734,841	6 738,448	9,170	8,700
18							68	44	78 425	672,104	6 003,607	8,933	8,463
19							69	45	76 797	613,660	5 331,503	8,688	8,218
20							70	46	75 035	559,051	4 717,843	8,439	7,969
21							71	47	73 151	508,175	4 158,791	8,184	7,714
22							72	48	71 138	460,781	3 650,617	7,923	7,453
23							73	49	68 940	416,361	3 189,836	7,661	7,191
24	0	98 988	18 452,159	261 136,005	14,152	13,682	74	50	66 591	374,984	2 773,475	7,396	6,926
25	1	98 614	17 139,881	242 683,846	14,159	13,689	75	51	64 037	336,228	2 398,491	7,134	6,664
26	2	98 528	15 967,228	225 543,966	14,125	13,656	76	52	61 340	300,297	2 062,263	6,867	6,398
27	3	98 452	14 876,367	209 576,738	14,088	13,618	77	53	58 469	266,891	1 761,966	6,602	6,132
28	4	98 375	13 859,972	194 700,370	14,048	13,578	78	54	55 394	235,763	1 495,075	6,341	5,872
29	5	98 303	12 913,495	180 840,398	14,004	13,534	79	55	52 146	206,934	1 259,312	6,086	5,616
30	6	98 231	12 031,720	167 926,904	13,957	13,487	80	56	48 810	180,604	1 052,378	5,827	5,357
31	7	98 157	11 210,035	155 895,184	13,907	13,437	81	57	45 323	156,366	871,773	5,575	5,105
32	8	98 077	10 443,627	144 685,149	13,854	13,384	82	58	41 757	134,324	715,408	5,326	4,856
33	9	97 997	9 729,774	134 241,521	13,797	13,327	83	59	38 144	114,407	581,084	5,079	4,609
34	10	97 920	9 064,886	124 511,747	13,736	13,266	84	60	34 534	96,577	466,677	4,832	4,362
35	11	97 833	8 444,599	115 446,861	13,671	13,201	85	61	30 901	80,576	370,100	4,593	4,123
36	12	97 740	7 866,312	107 002,262	13,603	13,133	86	62	27 260	66,275	289,524	4,368	3,899
37	13	97 644	7 327,305	99 135,950	13,530	13,060	87	63	23 685	53,693	223,249	4,158	3,688
38	14	97 538	6 824,566	91 808,646	13,453	12,983	88	64	20 189	42,674	169,556	3,973	3,503
39	15	97 421	6 355,594	84 984,079	13,372	12,902	89	65	17 021	33,544	126,882	3,783	3,313
40	16	97 293	5 918,203	78 628,485	13,286	12,816	90	66	14 113	25,934	93,338	3,599	3,129
41	17	97 145	5 509,729	72 710,281	13,197	12,727	91	67	11 620	19,910	67,404	3,385	2,916
42	18	96 983	5 128,745	67 200,552	13,103	12,633	92	68	9 279	14,824	47,494	3,204	2,734
43	19	96 806	4 773,292	62 071,807	13,004	12,534	93	69	7 192	10,713	32,671	3,050	2,580
44	20	96 599	4 441,108	57 298,515	12,902	12,432	94	70	5 447	7,566	21,958	2,902	2,432
45	21	96 373	4 131,209	52 857,407	12,795	12,325	95	71	4 021	5,207	14,392	2,764	2,294
46	22	96 120	3 841,828	48 726,197	12,683	12,213	96	72	2 888	3,487	9,185	2,634	2,165
47	23	95 833	3 571,436	44 884,370	12,568	12,098	97	73	2 013	2,266	5,698	2,514	2,044
48	24	95 515	3 318,954	41 312,934	12,448	11,978	98	74	1 361	1,429	3,432	2,402	1,932
49	25	95 156	3 082,967	37 993,980	12,324	11,854	99	75	891	0,872	2,003	2,297	1,827
							100	76	564	0,514	1,131	2,199	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,25%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	2 863,364	34 936,397	12,201	11,731
1							51	26	94 359	2 657,805	32 073,033	12,067	11,598
2							52	27	93 881	2 465,584	29 415,228	11,930	11,460
3							53	28	93 363	2 286,231	26 949,644	11,788	11,318
4							54	29	92 804	2 118,903	24 663,413	11,640	11,170
5							55	30	92 183	1 962,462	22 544,510	11,488	11,018
6							56	31	91 522	1 816,680	20 582,047	11,329	10,860
7							57	32	90 811	1 680,708	18 765,367	11,165	10,695
8							58	33	90 057	1 554,075	17 084,659	10,993	10,524
9							59	34	89 228	1 435,688	15 530,584	10,818	10,348
10							60	35	88 336	1 325,252	14 094,896	10,636	10,166
11							61	36	87 362	1 222,043	12 769,645	10,449	9,980
12							62	37	86 339	1 126,099	11 547,602	10,255	9,785
13							63	38	85 233	1 036,521	10 421,503	10,054	9,584
14							64	39	84 064	953,198	9 384,982	9,846	9,376
15							65	40	82 798	875,373	8 431,784	9,632	9,162
16							66	41	81 449	802,904	7 556,412	9,411	8,941
17							67	42	80 025	735,537	6 753,508	9,182	8,712
18							68	43	78 508	672,814	6 017,971	8,944	8,475
19							69	44	76 884	614,355	5 345,157	8,700	8,231
20							70	45	75 136	559,809	4 730,802	8,451	7,981
21							71	46	73 265	508,964	4 170,993	8,195	7,725
22							72	47	71 261	461,582	3 662,029	7,934	7,464
23							73	48	69 068	417,134	3 200,447	7,672	7,203
24							74	49	66 730	375,770	2 783,313	7,407	6,937
25	0	98 931	17 194,898	242 790,654	14,120	13,650	75	50	64 187	337,015	2 407,543	7,144	6,674
26	1	98 556	15 971,769	225 595,756	14,125	13,655	76	51	61 494	301,047	2 070,528	6,878	6,408
27	2	98 468	14 878,766	209 623,987	14,089	13,619	77	52	58 631	267,632	1 769,480	6,612	6,142
28	3	98 390	13 861,960	194 745,221	14,049	13,579	78	53	55 563	236,482	1 501,848	6,351	5,881
29	4	98 314	12 915,042	180 883,261	14,006	13,536	79	54	52 312	207,596	1 265,366	6,095	5,625
30	5	98 239	12 032,808	167 968,219	13,959	13,489	80	55	48 987	181,256	1 057,771	5,836	5,366
31	6	98 165	11 210,934	155 935,411	13,909	13,439	81	56	45 496	156,961	876,514	5,584	5,114
32	7	98 085	10 444,500	144 724,476	13,857	13,387	82	57	41 930	134,880	719,554	5,335	4,865
33	8	98 003	9 730,378	134 279,976	13,800	13,330	83	58	38 319	114,931	584,673	5,087	4,617
34	9	97 926	9 065,462	124 549,598	13,739	13,269	84	59	34 700	97,041	469,742	4,841	4,371
35	10	97 841	8 445,279	115 484,137	13,674	13,205	85	60	31 071	81,019	372,701	4,600	4,130
36	11	97 748	7 866,937	107 038,857	13,606	13,136	86	61	27 416	66,654	291,683	4,376	3,906
37	12	97 651	7 327,866	99 171,920	13,534	13,064	87	62	23 835	54,032	225,028	4,165	3,695
38	13	97 547	6 825,238	91 844,054	13,457	12,987	88	63	20 325	42,960	170,996	3,980	3,510
39	14	97 433	6 356,381	85 018,816	13,375	12,905	89	64	17 144	33,787	128,036	3,789	3,320
40	15	97 306	5 919,006	78 662,435	13,290	12,820	90	65	14 224	26,137	94,249	3,606	3,136
41	16	97 160	5 510,615	72 743,429	13,201	12,731	91	66	11 717	20,075	68,112	3,393	2,923
42	17	97 001	5 129,646	67 232,814	13,107	12,637	92	67	9 364	14,959	48,038	3,211	2,741
43	18	96 827	4 774,335	62 103,168	13,008	12,538	93	68	7 263	10,819	33,079	3,058	2,588
44	19	96 620	4 442,063	57 328,833	12,906	12,436	94	69	5 508	7,649	22,260	2,910	2,440
45	20	96 393	4 132,081	52 886,770	12,799	12,329	95	70	4 070	5,270	14,611	2,772	2,303
46	21	96 141	3 842,658	48 754,689	12,688	12,218	96	71	2 927	3,534	9,341	2,643	2,173
47	22	95 855	3 572,257	44 912,031	12,572	12,103	97	72	2 045	2,302	5,807	2,523	2,053
48	23	95 537	3 319,710	41 339,774	12,453	11,983	98	73	1 385	1,454	3,505	2,411	1,941
49	24	95 178	3 083,668	38 020,064	12,329	11,860	99	74	909	0,889	2,051	2,306	1,836
							100	75	576	0,526	1,162	2,208	1,738

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 407 125,974	14,071	13,601	50	50	93 003	2 500,773	28 464,591	11,382	10,912
1	1	99 275	92 348,974	1 307 125,974	14,154	13,684	51	51	92 389	2 310,951	25 963,818	11,235	10,765
2	2	99 212	85 851,028	1 214 777,000	14,150	13,680	52	52	91 717	2 134,072	23 652,867	11,083	10,613
3	3	99 177	79 833,177	1 128 925,972	14,141	13,671	53	53	90 982	1 969,270	21 518,796	10,927	10,457
4	4	99 147	74 241,561	1 049 092,794	14,131	13,661	54	54	90 185	1 815,834	19 549,525	10,766	10,296
5	5	99 121	69 043,690	974 851,233	14,119	13,649	55	55	89 321	1 672,976	17 733,692	10,600	10,130
6	6	99 101	64 213,448	905 807,543	14,106	13,636	56	56	88 386	1 539,961	16 060,716	10,429	9,959
7	7	99 082	59 722,354	841 594,095	14,092	13,621	57	57	87 395	1 416,458	14 520,755	10,251	9,781
8	8	99 064	55 545,664	781 871,741	14,076	13,606	58	58	86 341	1 301,747	13 104,297	10,067	9,596
9	9	99 049	51 662,209	726 326,077	14,059	13,589	59	59	85 187	1 194,747	11 802,550	9,879	9,408
10	10	99 034	48 050,692	674 663,869	14,041	13,570	60	60	83 967	1 095,467	10 607,803	9,683	9,213
11	11	99 017	44 690,721	626 613,176	14,021	13,551	61	61	82 622	1 002,721	9 512,336	9,487	9,016
12	12	99 000	41 565,420	581 922,455	14,000	13,530	62	62	81 229	917,034	8 509,615	9,279	8,809
13	13	98 982	38 658,500	540 357,035	13,978	13,507	63	63	79 727	837,280	7 592,581	9,068	8,598
14	14	98 963	35 954,710	501 698,535	13,954	13,483	64	64	78 155	763,510	6 755,300	8,848	8,377
15	15	98 935	33 436,586	465 743,825	13,929	13,459	65	65	76 477	694,997	5 991,790	8,621	8,151
16	16	98 902	31 093,373	432 307,238	13,904	13,433	66	66	74 702	631,504	5 296,793	8,388	7,917
17	17	98 856	28 910,843	401 213,865	13,878	13,407	67	67	72 853	572,905	4 665,289	8,143	7,673
18	18	98 805	26 879,905	372 303,023	13,851	13,380	68	68	70 895	518,607	4 092,384	7,891	7,421
19	19	98 729	24 985,208	345 423,118	13,825	13,355	69	69	68 821	468,312	3 573,777	7,631	7,161
20	20	98 654	23 224,384	320 437,910	13,797	13,327	70	70	66 595	421,547	3 105,465	7,367	6,897
21	21	98 574	21 586,617	297 213,525	13,768	13,298	71	71	64 247	378,312	2 683,918	7,094	6,624
22	22	98 497	20 064,912	275 626,909	13,737	13,266	72	72	61 752	338,252	2 305,606	6,816	6,346
23	23	98 419	18 650,246	255 561,997	13,703	13,233	73	73	59 028	300,772	1 967,354	6,541	6,071
24	24	98 342	17 335,567	236 911,751	13,666	13,196	74	74	56 145	266,124	1 666,582	6,262	5,792
25	25	98 263	16 113,154	219 576,184	13,627	13,157	75	75	53 072	234,010	1 400,458	5,985	5,514
26	26	98 183	14 976,759	203 463,030	13,585	13,115	76	76	49 829	204,380	1 166,448	5,707	5,237
27	27	98 097	13 919,640	188 486,272	13,541	13,071	77	77	46 421	177,118	962,068	5,432	4,961
28	28	98 010	12 936,967	174 566,631	13,494	13,023	78	78	42 837	152,040	784,950	5,163	4,693
29	29	97 924	12 023,806	161 629,665	13,442	12,972	79	79	39 108	129,122	632,910	4,902	4,431
30	30	97 833	11 174,640	149 605,858	13,388	12,918	80	80	35 359	108,599	503,789	4,639	4,169
31	31	97 742	10 385,258	138 431,218	13,330	12,859	81	81	31 529	90,078	395,190	4,387	3,917
32	32	97 637	9 650,397	128 045,961	13,268	12,798	82	82	27 725	73,684	305,111	4,141	3,671
33	33	97 531	8 967,304	118 395,564	13,203	12,733	83	83	23 995	59,322	231,427	3,901	3,431
34	34	97 425	8 332,605	109 428,259	13,133	12,662	84	84	20 410	46,940	172,105	3,667	3,196
35	35	97 306	7 741,854	101 095,655	13,058	12,588	85	85	17 005	36,379	125,166	3,441	2,970
36	36	97 181	7 192,425	93 353,800	12,979	12,509	86	86	13 800	27,463	88,786	3,233	2,763
37	37	97 047	6 681,408	86 161,375	12,896	12,425	87	87	10 900	20,179	61,323	3,039	2,569
38	38	96 900	6 205,854	79 479,967	12,807	12,337	88	88	8 281	14,261	41,144	2,885	2,415
39	39	96 738	5 763,272	73 274,113	12,714	12,244	89	89	6 150	9,851	26,883	2,729	2,259
40	40	96 557	5 351,125	67 510,840	12,616	12,146	90	90	4 421	6,588	17,032	2,585	2,115
41	41	96 357	4 967,460	62 159,716	12,513	12,043	91	91	3 126	4,334	10,444	2,410	1,940
42	42	96 134	4 610,195	57 192,256	12,406	11,935	92	92	2 083	2,686	6,111	2,275	1,805
43	43	95 888	4 277,588	52 582,060	12,292	11,822	93	93	1 322	1,586	3,425	2,159	1,689
44	44	95 602	3 967,307	48 304,473	12,176	11,705	94	94	803	0,896	1,839	2,052	1,582
45	45	95 291	3 678,500	44 337,165	12,053	11,583	95	95	465	0,482	0,943	1,954	1,484
46	46	94 933	3 408,995	40 658,665	11,927	11,457	96	96	256	0,247	0,460	1,865	1,394
47	47	94 524	3 157,519	37 249,671	11,797	11,327	97	97	133	0,120	0,213	1,784	1,313
48	48	94 068	2 923,059	34 092,152	11,663	11,193	98	98	66	0,055	0,094	1,710	1,239
49	49	93 563	2 704,502	31 169,093	11,525	11,055	99	99	30	0,024	0,039	1,642	1,172
							100	100	13	0,010	0,015	1,581	1,111



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 406 355,932	14,109	13,638	50	51	92 786	2 494,930	28 265,444	11,329	10,859
1	2	99 247	92 322,716	1 306 675,893	14,153	13,683	51	52	92 159	2 305,194	25 770,514	11,179	10,709
2	3	99 196	85 837,188	1 214 353,177	14,147	13,677	52	53	91 463	2 128,159	23 465,320	11,026	10,556
3	4	99 162	79 821,730	1 128 515,989	14,138	13,668	53	54	90 705	1 963,285	21 337,161	10,868	10,398
4	5	99 135	74 232,663	1 048 694,259	14,127	13,657	54	55	89 897	1 810,048	19 373,876	10,704	10,233
5	6	99 112	69 037,445	974 461,596	14,115	13,645	55	56	89 000	1 666,957	17 563,828	10,536	10,066
6	7	99 093	64 208,299	905 424,151	14,101	13,631	56	57	88 051	1 534,120	15 896,871	10,362	9,892
7	8	99 074	59 717,364	841 215,852	14,087	13,616	57	58	87 034	1 410,613	14 362,751	10,182	9,712
8	9	99 058	55 542,214	781 498,487	14,070	13,600	58	59	85 947	1 295,812	12 952,138	9,995	9,525
9	10	99 042	51 658,929	725 956,273	14,053	13,583	59	60	84 780	1 189,038	11 656,326	9,803	9,333
10	11	99 026	48 046,821	674 297,344	14,034	13,564	60	61	83 508	1 089,477	10 467,288	9,608	9,137
11	12	99 009	44 687,172	626 250,523	14,014	13,544	61	62	82 152	997,020	9 377,811	9,406	8,936
12	13	98 992	41 562,234	581 563,351	13,993	13,522	62	63	80 719	911,280	8 380,790	9,197	8,726
13	14	98 972	38 654,698	540 001,117	13,970	13,500	63	64	79 195	831,697	7 469,511	8,981	8,511
14	15	98 951	35 950,259	501 346,420	13,946	13,475	64	65	77 593	758,016	6 637,814	8,757	8,287
15	16	98 921	33 432,054	465 396,161	13,921	13,450	65	66	75 885	689,616	5 879,797	8,526	8,056
16	17	98 886	31 088,374	431 964,107	13,895	13,424	66	67	74 088	626,314	5 190,181	8,287	7,817
17	18	98 839	28 905,768	400 875,733	13,868	13,398	67	68	72 196	567,738	4 563,868	8,039	7,568
18	19	98 784	26 874,033	371 969,965	13,841	13,371	68	69	70 200	513,527	3 996,130	7,782	7,311
19	20	98 708	24 979,835	345 095,932	13,815	13,345	69	70	68 066	463,175	3 482,603	7,519	7,049
20	21	98 633	23 219,484	320 116,097	13,787	13,316	70	71	65 799	416,510	3 019,428	7,249	6,779
21	22	98 553	21 581,951	296 896,613	13,757	13,286	71	72	63 389	373,264	2 602,917	6,973	6,503
22	23	98 474	20 060,301	275 314,662	13,724	13,254	72	73	60 796	333,018	2 229,653	6,695	6,225
23	24	98 397	18 646,004	255 254,361	13,689	13,219	73	74	58 004	295,558	1 896,636	6,417	5,947
24	25	98 320	17 331,625	236 608,357	13,652	13,182	74	75	55 060	260,981	1 601,078	6,135	5,665
25	26	98 242	16 109,563	219 276,732	13,612	13,141	75	76	51 890	228,796	1 340,097	5,857	5,387
26	27	98 157	14 972,758	203 167,168	13,569	13,099	76	77	48 566	199,199	1 111,300	5,579	5,109
27	28	98 072	13 916,047	188 194,411	13,524	13,053	77	78	45 077	171,990	912,101	5,303	4,833
28	29	97 984	12 933,607	174 278,364	13,475	13,005	78	79	41 412	146,983	740,111	5,035	4,565
29	30	97 896	12 020,471	161 344,757	13,422	12,952	79	80	37 640	124,273	593,128	4,773	4,303
30	31	97 807	11 171,573	149 324,286	13,366	12,896	80	81	33 826	103,889	468,855	4,513	4,043
31	32	97 710	10 381,872	138 152,712	13,307	12,837	81	82	29 968	85,620	364,966	4,263	3,792
32	33	97 604	9 647,054	127 770,841	13,245	12,774	82	83	26 148	69,494	279,346	4,020	3,549
33	34	97 495	8 964,060	118 123,786	13,177	12,707	83	84	22 436	55,469	209,853	3,783	3,313
34	35	97 385	8 329,223	109 159,726	13,106	12,635	84	85	18 900	43,467	154,384	3,552	3,081
35	36	97 265	7 738,555	100 830,503	13,030	12,559	85	86	15 555	33,276	110,917	3,333	2,863
36	37	97 135	7 189,071	93 091,948	12,949	12,479	86	87	12 466	24,809	77,641	3,130	2,659
37	38	96 996	6 677,889	85 902,876	12,864	12,393	87	88	9 650	17,865	52,832	2,957	2,487
38	39	96 843	6 202,195	79 224,988	12,774	12,303	88	89	7 242	12,472	34,967	2,804	2,333
39	40	96 670	5 759,219	73 022,792	12,679	12,209	89	90	5 290	8,475	22,495	2,654	2,184
40	41	96 488	5 347,310	67 263,573	12,579	12,109	90	91	3 766	5,611	14,021	2,499	2,028
41	42	96 277	4 963,332	61 916,263	12,475	12,004	91	92	2 585	3,583	8,409	2,347	1,877
42	43	96 043	4 605,834	56 952,930	12,365	11,895	92	93	1 689	2,178	4,826	2,216	1,745
43	44	95 786	4 273,073	52 347,096	12,250	11,780	93	94	1 049	1,258	2,648	2,105	1,635
44	45	95 494	3 962,821	48 074,023	12,131	11,661	94	95	622	0,694	1,390	2,002	1,532
45	46	95 162	3 673,525	44 111,202	12,008	11,538	95	96	351	0,364	0,696	1,909	1,438
46	47	94 785	3 403,708	40 437,678	11,880	11,410	96	97	188	0,182	0,331	1,824	1,353
47	48	94 360	3 152,039	37 033,970	11,749	11,279	97	98	95	0,086	0,150	1,746	1,276
48	49	93 894	2 917,643	33 881,931	11,613	11,142	98	99	46	0,038	0,064	1,676	1,205
49	50	93 367	2 698,844	30 964,288	11,473	11,003	99	100	21	0,016	0,026	1,611	1,141

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 405 864,306	14,108	13,637	50	52	92 555	2 488,716	28 050,188	11,271	10,801
1	3	99 231	92 307,832	1 306 212,610	14,151	13,680	51	53	91 904	2 298,807	25 561,472	11,119	10,649
2	4	99 181	85 824,880	1 213 904,778	14,144	13,674	52	54	91 185	2 121,691	23 262,665	10,964	10,494
3	5	99 150	79 812,164	1 128 079,898	14,134	13,664	53	55	90 416	1 957,030	21 140,974	10,803	10,332
4	6	99 126	74 225,948	1 048 267,734	14,123	13,652	54	56	89 574	1 803,536	19 183,945	10,637	10,167
5	7	99 104	69 031,909	974 041,785	14,110	13,640	55	57	88 662	1 660,635	17 380,408	10,466	9,996
6	8	99 084	64 202,935	905 009,876	14,096	13,626	56	58	87 687	1 527,790	15 719,773	10,289	9,819
7	9	99 068	59 713,655	840 806,941	14,081	13,610	57	59	86 637	1 404,181	14 191,984	10,107	9,637
8	10	99 052	55 538,688	781 093,286	14,064	13,594	58	60	85 537	1 289,620	12 787,803	9,916	9,446
9	11	99 035	51 654,767	725 554,598	14,046	13,576	59	61	84 317	1 182,537	11 498,183	9,723	9,253
10	12	99 018	48 043,005	673 899,831	14,027	13,557	60	62	83 033	1 083,283	10 315,646	9,523	9,052
11	13	99 002	44 683,746	625 856,825	14,006	13,536	61	63	81 637	990,764	9 232,363	9,318	8,848
12	14	98 982	41 558,146	581 173,079	13,985	13,514	62	64	80 181	905,203	8 241,599	9,105	8,634
13	15	98 960	38 649,912	539 614,933	13,962	13,491	63	65	78 625	825,712	7 336,396	8,885	8,415
14	16	98 938	35 945,386	500 965,021	13,937	13,467	64	66	76 992	752,147	6 510,684	8,656	8,186
15	17	98 905	33 426,679	465 019,635	13,912	13,441	65	67	75 262	683,947	5 758,537	8,420	7,949
16	18	98 868	31 082,917	431 592,956	13,885	13,415	66	68	73 420	620,665	5 074,589	8,176	7,706
17	19	98 817	28 899,454	400 510,039	13,859	13,388	67	69	71 489	562,177	4 453,925	7,923	7,452
18	20	98 762	26 868,254	371 610,586	13,831	13,361	68	70	69 430	507,895	3 891,748	7,663	7,192
19	21	98 687	24 974,564	344 742,332	13,804	13,333	69	71	67 253	457,641	3 383,853	7,394	6,924
20	22	98 612	23 214,465	319 767,767	13,775	13,304	70	72	64 921	410,953	2 926,212	7,121	6,650
21	23	98 530	21 576,991	296 553,302	13,744	13,274	71	73	62 408	367,488	2 515,259	6,844	6,374
22	24	98 452	20 055,738	274 976,310	13,711	13,240	72	74	59 742	327,245	2 147,771	6,563	6,093
23	25	98 374	18 641,764	254 920,572	13,675	13,204	73	75	56 883	289,847	1 820,527	6,281	5,811
24	26	98 298	17 327,763	236 278,808	13,636	13,166	74	76	53 833	255,166	1 530,680	5,999	5,528
25	27	98 215	16 105,259	218 951,045	13,595	13,125	75	77	50 575	222,997	1 275,514	5,720	5,250
26	28	98 132	14 968,893	202 845,785	13,551	13,081	76	78	47 160	193,432	1 052,517	5,441	4,971
27	29	98 046	13 912,433	187 876,893	13,504	13,034	77	79	43 578	166,270	859,086	5,167	4,697
28	30	97 957	12 930,019	173 964,460	13,454	12,984	78	80	39 857	141,464	692,815	4,897	4,427
29	31	97 870	12 017,173	161 034,441	13,400	12,930	79	81	36 007	118,883	551,352	4,638	4,167
30	32	97 775	11 167,931	149 017,268	13,343	12,873	80	82	32 151	98,747	432,469	4,380	3,909
31	33	97 676	10 378,276	137 849,337	13,282	12,812	81	83	28 264	80,751	333,722	4,133	3,662
32	34	97 568	9 643,564	127 471,061	13,218	12,748	82	84	24 449	64,979	252,971	3,893	3,423
33	35	97 456	8 960,422	117 827,497	13,150	12,679	83	85	20 776	51,365	187,992	3,660	3,190
34	36	97 344	8 325,674	108 867,075	13,076	12,606	84	86	17 288	39,759	136,627	3,436	2,966
35	37	97 220	7 734,946	100 541,401	12,998	12,528	85	87	14 051	30,060	96,868	3,222	2,752
36	38	97 084	7 185,285	92 806,454	12,916	12,446	86	88	11 037	21,964	66,808	3,042	2,571
37	39	96 938	6 673,952	85 621,170	12,829	12,359	87	89	8 440	15,624	44,843	2,870	2,400
38	40	96 775	6 197,834	78 947,218	12,738	12,268	88	90	6 230	10,728	29,220	2,724	2,253
39	41	96 602	5 755,114	72 749,384	12,641	12,171	89	91	4 506	7,219	18,491	2,562	2,091
40	42	96 408	5 342,867	66 994,270	12,539	12,069	90	92	3 114	4,640	11,273	2,430	1,959
41	43	96 185	4 958,637	61 651,403	12,433	11,963	91	93	2 096	2,906	6,633	2,282	1,812
42	44	95 941	4 600,973	56 692,766	12,322	11,852	92	94	1 340	1,728	3,727	2,157	1,687
43	45	95 678	4 268,241	52 091,793	12,205	11,734	93	95	812	0,974	1,999	2,052	1,581
44	46	95 365	3 957,461	47 823,553	12,084	11,614	94	96	470	0,524	1,025	1,954	1,483
45	47	95 014	3 667,827	43 866,092	11,960	11,489	95	97	258	0,268	0,500	1,865	1,394
46	48	94 621	3 397,801	40 198,265	11,831	11,360	96	98	135	0,130	0,232	1,784	1,313
47	49	94 185	3 146,198	36 800,464	11,697	11,227	97	99	66	0,060	0,102	1,710	1,239
48	50	93 698	2 911,539	33 654,265	11,559	11,089	98	100	31	0,026	0,042	1,643	1,172
49	51	93 149	2 692,538	30 742,726	11,418	10,947							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 405 358,139	14,105	13,635	50	53	92 298	2 481,820	27 817,633	11,209	10,738
1	4	99 217	92 294,597	1 305 722,508	14,147	13,677	51	54	91 625	2 291,821	25 335,814	11,055	10,585
2	5	99 169	85 814,594	1 213 427,912	14,140	13,670	52	55	90 894	2 114,931	23 043,993	10,896	10,426
3	6	99 141	79 804,944	1 127 613,318	14,130	13,659	53	56	90 091	1 949,989	20 929,062	10,733	10,263
4	7	99 119	74 219,997	1 047 808,374	14,118	13,647	54	57	89 234	1 796,696	18 979,073	10,563	10,093
5	8	99 096	69 026,142	973 588,377	14,105	13,634	55	58	88 297	1 653,782	17 182,377	10,390	9,919
6	9	99 078	64 198,947	904 562,234	14,090	13,620	56	59	87 288	1 520,823	15 528,594	10,211	9,740
7	10	99 062	59 709,864	840 363,287	14,074	13,604	57	60	86 223	1 397,471	14 007,771	10,024	9,553
8	11	99 044	55 534,214	780 653,423	14,057	13,587	58	61	85 069	1 282,568	12 610,300	9,832	9,362
9	12	99 027	51 650,665	725 119,209	14,039	13,569	59	62	83 837	1 175,814	11 327,731	9,634	9,164
10	13	99 011	48 039,323	673 468,544	14,019	13,549	60	63	82 512	1 076,485	10 151,918	9,431	8,960
11	14	98 992	44 679,351	625 429,221	13,998	13,528	61	64	81 093	984,157	9 075,432	9,222	8,751
12	15	98 970	41 553,001	580 749,871	13,976	13,506	62	65	79 604	898,689	8 091,275	9,003	8,533
13	16	98 946	38 644,673	539 196,870	13,953	13,482	63	66	78 016	819,319	7 192,586	8,779	8,308
14	17	98 922	35 939,607	500 552,197	13,928	13,457	64	67	76 359	745,965	6 373,267	8,544	8,073
15	18	98 888	33 420,811	464 612,590	13,902	13,432	65	68	74 583	677,778	5 627,302	8,303	7,832
16	19	98 847	31 076,127	431 191,779	13,875	13,405	66	69	72 701	614,585	4 949,523	8,053	7,583
17	20	98 796	28 893,239	400 115,651	13,848	13,378	67	70	70 705	556,011	4 334,938	7,797	7,326
18	21	98 742	26 862,585	371 222,413	13,819	13,349	68	71	68 601	501,827	3 778,927	7,530	7,060
19	22	98 665	24 969,166	344 359,827	13,791	13,321	69	72	66 355	451,535	3 277,101	7,258	6,787
20	23	98 589	23 209,131	319 390,661	13,761	13,291	70	73	63 916	404,593	2 825,566	6,984	6,513
21	24	98 508	21 572,084	296 181,530	13,730	13,260	71	74	61 327	361,117	2 420,973	6,704	6,234
22	25	98 430	20 051,179	274 609,447	13,695	13,225	72	75	58 588	320,921	2 059,856	6,419	5,948
23	26	98 352	18 637,610	254 558,268	13,658	13,188	73	76	55 616	283,388	1 738,935	6,136	5,666
24	27	98 272	17 323,134	235 920,658	13,619	13,149	74	77	52 469	248,698	1 455,546	5,853	5,382
25	28	98 190	16 101,102	218 597,524	13,577	13,106	75	78	49 110	216,540	1 206,848	5,573	5,103
26	29	98 106	14 965,005	202 496,422	13,531	13,061	76	79	45 591	186,999	990,308	5,296	4,826
27	30	98 019	13 908,574	187 531,417	13,483	13,013	77	80	41 941	160,027	803,309	5,020	4,550
28	31	97 930	12 926,471	173 622,844	13,432	12,961	78	81	38 128	135,328	643,283	4,754	4,283
29	32	97 838	12 013,255	160 696,373	13,377	12,906	79	82	34 225	112,999	507,955	4,495	4,025
30	33	97 741	11 164,063	148 683,118	13,318	12,848	80	83	30 323	93,131	394,956	4,241	3,771
31	34	97 641	10 374,521	137 519,055	13,255	12,785	81	84	26 428	75,505	301,825	3,997	3,527
32	35	97 529	9 639,651	127 144,534	13,190	12,719	82	85	22 641	60,172	226,320	3,761	3,291
33	36	97 414	8 956,604	117 504,883	13,119	12,649	83	86	19 004	46,984	166,148	3,536	3,066
34	37	97 298	8 321,791	108 548,279	13,044	12,574	84	87	15 617	35,917	119,164	3,318	2,848
35	38	97 168	7 730,872	100 226,488	12,964	12,494	85	88	12 440	26,614	83,248	3,128	2,658
36	39	97 027	7 181,049	92 495,616	12,881	12,410	86	89	9 652	19,209	56,634	2,948	2,478
37	40	96 870	6 669,258	85 314,567	12,792	12,322	87	90	7 260	13,440	37,426	2,785	2,314
38	41	96 706	6 193,416	78 645,309	12,698	12,228	88	91	5 307	9,139	23,986	2,625	2,154
39	42	96 521	5 750,332	72 451,893	12,600	12,129	89	92	3 726	5,969	14,847	2,487	2,017
40	43	96 317	5 337,813	66 701,561	12,496	12,026	90	93	2 525	3,763	8,878	2,359	1,889
41	44	96 084	4 953,403	61 363,748	12,388	11,918	91	94	1 663	2,305	5,115	2,219	1,749
42	45	95 833	4 595,770	56 410,345	12,274	11,804	92	95	1 038	1,338	2,810	2,100	1,630
43	46	95 549	4 262,467	51 814,575	12,156	11,686	93	96	614	0,736	1,472	2,000	1,529
44	47	95 217	3 951,323	47 552,108	12,034	11,564	94	97	346	0,386	0,736	1,907	1,436
45	48	94 850	3 661,462	43 600,785	11,908	11,438	95	98	185	0,192	0,350	1,822	1,351
46	49	94 446	3 391,505	39 939,322	11,776	11,306	96	99	94	0,090	0,158	1,745	1,274
47	50	93 988	3 139,616	36 547,818	11,641	11,171	97	100	45	0,040	0,067	1,674	1,204
48	51	93 479	2 904,736	33 408,201	11,501	11,031							
49	52	92 917	2 685,832	30 503,465	11,357	10,887							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 404 822,768	14,102	13,631	50	54	92 018	2 474,277	27 566,854	11,141	10,671
1	5	99 205	92 283,535	1 305 201,423	14,143	13,673	51	55	91 333	2 284,519	25 092,577	10,984	10,513
2	6	99 161	85 806,831	1 212 917,888	14,135	13,665	52	56	90 567	2 107,322	22 808,058	10,823	10,353
3	7	99 133	79 798,546	1 127 111,057	14,124	13,654	53	57	89 749	1 942,593	20 700,736	10,656	10,186
4	8	99 110	74 213,796	1 047 312,511	14,112	13,642	54	58	88 866	1 789,282	18 758,143	10,484	10,013
5	9	99 090	69 021,855	973 098,715	14,098	13,628	55	59	87 894	1 646,242	16 968,860	10,308	9,837
6	10	99 072	64 194,872	904 076,860	14,083	13,613	56	60	86 871	1 513,556	15 322,619	10,124	9,653
7	11	99 054	59 705,054	839 881,988	14,067	13,597	57	61	85 752	1 389,830	13 809,062	9,936	9,466
8	12	99 036	55 529,803	780 176,934	14,050	13,579	58	62	84 585	1 275,276	12 419,232	9,738	9,268
9	13	99 019	51 646,706	724 647,131	14,031	13,561	59	63	83 311	1 168,436	11 143,956	9,538	9,067
10	14	99 001	48 034,597	673 000,425	14,011	13,540	60	64	81 962	1 069,307	9 975,520	9,329	8,859
11	15	98 980	44 673,820	624 965,828	13,990	13,519	61	65	80 509	977,075	8 906,213	9,115	8,645
12	16	98 957	41 547,368	580 292,009	13,967	13,497	62	66	78 988	891,731	7 929,138	8,892	8,422
13	17	98 930	38 638,460	538 744,641	13,943	13,473	63	67	77 375	812,585	7 037,407	8,661	8,190
14	18	98 904	35 933,298	500 106,180	13,918	13,447	64	68	75 670	739,237	6 224,822	8,421	7,950
15	19	98 866	33 413,511	464 172,882	13,892	13,421	65	69	73 852	671,140	5 485,586	8,174	7,703
16	20	98 825	31 069,444	430 759,371	13,864	13,394	66	70	71 904	607,845	4 814,446	7,921	7,450
17	21	98 775	28 887,142	399 689,927	13,836	13,366	67	71	69 860	549,367	4 206,602	7,657	7,187
18	22	98 720	26 856,779	370 802,784	13,807	13,336	68	72	67 685	495,131	3 657,234	7,386	6,916
19	23	98 643	24 963,428	343 946,006	13,778	13,308	69	73	65 328	444,547	3 162,104	7,113	6,643
20	24	98 567	23 203,852	318 982,577	13,747	13,277	70	74	62 808	397,579	2 717,556	6,835	6,365
21	25	98 485	21 567,179	295 778,725	13,714	13,244	71	75	60 142	354,139	2 319,977	6,551	6,081
22	26	98 408	20 046,710	274 211,546	13,679	13,208	72	76	57 282	313,771	1 965,838	6,265	5,795
23	27	98 326	18 632,631	254 164,836	13,641	13,171	73	77	54 206	276,205	1 652,067	5,981	5,511
24	28	98 247	17 318,662	235 532,205	13,600	13,130	74	78	50 949	241,497	1 375,862	5,697	5,227
25	29	98 164	16 096,920	218 213,543	13,556	13,086	75	79	47 477	209,338	1 134,365	5,419	4,949
26	30	98 079	14 960,854	202 116,623	13,510	13,039	76	80	43 879	179,977	925,027	5,140	4,669
27	31	97 992	13 904,757	187 155,769	13,460	12,990	77	81	40 122	153,086	745,050	4,867	4,397
28	32	97 898	12 922,257	173 251,012	13,407	12,937	78	82	36 241	128,630	591,964	4,602	4,132
29	33	97 804	12 009,094	160 328,755	13,351	12,880	79	83	32 279	106,573	463,334	4,348	3,877
30	34	97 706	11 160,024	148 319,661	13,290	12,820	80	84	28 353	87,082	356,762	4,097	3,627
31	35	97 601	10 370,311	137 159,637	13,226	12,756	81	85	24 473	69,919	269,680	3,857	3,387
32	36	97 487	9 635,543	126 789,326	13,159	12,688	82	86	20 709	55,039	199,761	3,629	3,159
33	37	97 369	8 952,427	117 153,784	13,086	12,616	83	87	17 167	42,443	144,722	3,410	2,940
34	38	97 247	8 317,408	108 201,356	13,009	12,539	84	88	13 827	31,798	102,279	3,216	2,746
35	39	97 111	7 726,315	99 883,948	12,928	12,457	85	89	10 879	23,275	70,481	3,028	2,558
36	40	96 959	7 175,999	92 157,634	12,842	12,372	86	90	8 303	16,524	47,206	2,857	2,387
37	41	96 801	6 664,504	84 981,635	12,751	12,281	87	91	6 184	11,448	30,682	2,680	2,210
38	42	96 625	6 188,269	78 317,131	12,656	12,185	88	92	4 388	7,556	19,234	2,545	2,075
39	43	96 430	5 744,892	72 128,861	12,555	12,085	89	93	3 022	4,841	11,678	2,412	1,942
40	44	96 215	5 332,178	66 383,969	12,450	11,979	90	94	2 003	2,985	6,837	2,291	1,821
41	45	95 975	4 947,802	61 051,791	12,339	11,869	91	95	1 288	1,785	3,853	2,158	1,688
42	46	95 703	4 589,554	56 103,989	12,224	11,754	92	96	784	1,011	2,067	2,045	1,574
43	47	95 401	4 255,857	51 514,435	12,104	11,634	93	97	452	0,542	1,056	1,949	1,479
44	48	95 052	3 944,466	47 258,578	11,981	11,511	94	98	248	0,276	0,514	1,861	1,390
45	49	94 674	3 654,678	43 314,113	11,852	11,381	95	99	129	0,134	0,238	1,780	1,310
46	50	94 248	3 384,410	39 659,435	11,718	11,248	96	100	63	0,061	0,104	1,707	1,237
47	51	93 769	3 132,281	36 275,025	11,581	11,111							
48	52	93 246	2 897,501	33 142,745	11,438	10,968							
49	53	92 659	2 678,390	30 245,243	11,292	10,822							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 404 253,735	14,098	13,627	50	55	91 725	2 466,394	27 296,837	11,068	10,597
1	6	99 196	92 275,187	1 304 644,329	14,139	13,668	51	56	91 004	2 276,300	24 830,443	10,908	10,438
2	7	99 153	85 799,951	1 212 369,142	14,130	13,660	52	57	90 224	2 099,329	22 554,143	10,743	10,273
3	8	99 125	79 791,879	1 126 569,191	14,119	13,649	53	58	89 379	1 934,578	20 454,814	10,573	10,103
4	9	99 104	74 209,187	1 046 777,312	14,106	13,635	54	59	88 461	1 781,124	18 520,236	10,398	9,928
5	10	99 084	69 017,473	972 568,125	14,092	13,621	55	60	87 474	1 638,375	16 739,112	10,217	9,747
6	11	99 064	64 189,700	903 550,652	14,076	13,606	56	61	86 396	1 505,280	15 100,737	10,032	9,562
7	12	99 046	59 700,312	839 360,951	14,060	13,589	57	62	85 264	1 381,928	13 595,456	9,838	9,368
8	13	99 029	55 525,547	779 660,639	14,041	13,571	58	63	84 055	1 267,274	12 213,528	9,638	9,167
9	14	99 009	51 641,625	724 135,093	14,022	13,552	59	64	82 756	1 160,644	10 946,254	9,431	8,961
10	15	98 989	48 028,651	672 493,468	14,002	13,532	60	65	81 372	1 061,612	9 785,610	9,218	8,747
11	16	98 966	44 667,764	624 464,817	13,980	13,510	61	66	79 886	969,510	8 723,998	8,998	8,528
12	17	98 941	41 540,689	579 797,053	13,957	13,487	62	67	78 338	884,401	7 754,488	8,768	8,298
13	18	98 913	38 631,678	538 256,365	13,933	13,463	63	68	76 677	805,255	6 870,086	8,532	8,061
14	19	98 883	35 925,449	499 624,687	13,907	13,437	64	69	74 929	731,996	6 064,831	8,285	7,815
15	20	98 845	33 406,325	463 699,238	13,881	13,410	65	70	73 042	663,779	5 332,835	8,034	7,564
16	21	98 805	31 062,889	430 292,913	13,852	13,382	66	71	71 045	600,582	4 669,056	7,774	7,304
17	22	98 754	28 880,899	399 230,024	13,823	13,353	67	72	68 928	542,037	4 068,475	7,506	7,036
18	23	98 698	26 850,607	370 349,125	13,793	13,323	68	73	66 638	487,468	3 526,437	7,234	6,764
19	24	98 620	24 957,750	343 498,518	13,763	13,293	69	74	64 196	436,841	3 038,969	6,957	6,486
20	25	98 544	23 198,576	318 540,767	13,731	13,261	70	75	61 594	389,897	2 602,128	6,674	6,204
21	26	98 463	21 562,373	295 342,191	13,697	13,227	71	76	58 802	346,248	2 212,231	6,389	5,919
22	27	98 381	20 041,355	273 779,818	13,661	13,190	72	77	55 830	305,817	1 865,983	6,102	5,631
23	28	98 301	18 627,821	253 738,463	13,621	13,151	73	78	52 637	268,208	1 560,166	5,817	5,347
24	29	98 221	17 314,164	235 110,642	13,579	13,109	74	79	49 255	233,466	1 291,958	5,534	5,064
25	30	98 137	16 092,455	217 796,478	13,534	13,064	75	80	45 694	201,477	1 058,492	5,254	4,783
26	31	98 052	14 956,748	201 704,023	13,486	13,016	76	81	41 976	172,171	857,015	4,978	4,507
27	32	97 960	13 900,224	186 747,275	13,435	12,965	77	82	38 136	145,509	684,844	4,707	4,236
28	33	97 864	12 917,781	172 847,051	13,381	12,910	78	83	34 180	121,315	539,336	4,446	3,975
29	34	97 768	12 004,749	159 929,270	13,322	12,852	79	84	30 182	99,650	418,021	4,195	3,725
30	35	97 666	11 155,495	147 924,521	13,260	12,790	80	85	26 256	80,639	318,371	3,948	3,478
31	36	97 559	10 365,892	136 769,026	13,194	12,724	81	86	22 385	63,955	237,732	3,717	3,247
32	37	97 442	9 631,049	126 403,134	13,125	12,654	82	87	18 708	49,720	173,777	3,495	3,025
33	38	97 318	8 947,712	116 772,085	13,050	12,580	83	88	15 199	37,576	124,057	3,301	2,831
34	39	97 190	8 312,504	107 824,373	12,971	12,501	84	89	12 092	27,809	86,481	3,110	2,640
35	40	97 043	7 720,881	99 511,868	12,889	12,418	85	90	9 359	20,021	58,672	2,930	2,460
36	41	96 890	7 170,884	91 790,987	12,801	12,330	86	91	7 073	14,075	38,651	2,746	2,276
37	42	96 721	6 658,966	84 620,104	12,708	12,237	87	92	5 113	9,466	24,576	2,596	2,126
38	43	96 534	6 182,416	77 961,137	12,610	12,140	88	93	3 559	6,128	15,110	2,466	1,995
39	44	96 328	5 738,828	71 778,722	12,508	12,037	89	94	2 397	3,839	8,982	2,339	1,869
40	45	96 106	5 326,149	66 039,894	12,399	11,929	90	95	1 551	2,312	5,142	2,224	1,754
41	46	95 845	4 941,110	60 713,745	12,287	11,817	91	96	973	1,349	2,830	2,098	1,628
42	47	95 555	4 582,436	55 772,635	12,171	11,701	92	97	577	0,744	1,481	1,991	1,520
43	48	95 235	4 248,471	51 190,200	12,049	11,579	93	98	323	0,388	0,737	1,900	1,430
44	49	94 876	3 937,157	46 941,729	11,923	11,452	94	99	172	0,192	0,349	1,816	1,346
45	50	94 476	3 647,032	43 004,572	11,792	11,321	95	100	87	0,090	0,157	1,740	1,270
46	51	94 028	3 376,502	39 357,540	11,656	11,186							
47	52	93 535	3 124,479	35 981,038	11,516	11,046							
48	53	92 988	2 889,473	32 856,559	11,371	10,901							
49	54	92 378	2 670,249	29 967,086	11,223	10,752							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 403 645,662	14,093	13,622	50	56	91 395	2 457,521	27 006,188	10,989	10,519
1	7	99 188	92 267,789	1 304 045,267	14,133	13,663	51	57	90 659	2 267,666	24 548,667	10,826	10,355
2	8	99 144	85 792,783	1 211 777,478	14,124	13,654	52	58	89 851	2 090,667	22 281,001	10,657	10,187
3	9	99 119	79 786,923	1 125 984,695	14,112	13,642	53	59	88 971	1 925,757	20 190,334	10,484	10,014
4	10	99 098	74 204,476	1 046 197,772	14,099	13,629	54	60	88 038	1 772,613	18 264,577	10,304	9,833
5	11	99 076	69 011,913	971 993,296	14,084	13,614	55	61	86 996	1 629,417	16 491,964	10,121	9,651
6	12	99 056	64 184,602	902 981,383	14,069	13,598	56	62	85 904	1 496,722	14 862,547	9,930	9,460
7	13	99 038	59 695,736	838 796,781	14,051	13,581	57	63	84 729	1 373,257	13 365,825	9,733	9,263
8	14	99 019	55 520,085	779 101,045	14,033	13,562	58	64	83 494	1 258,823	11 992,568	9,527	9,057
9	15	98 997	51 635,232	723 580,960	14,013	13,543	59	65	82 160	1 152,292	10 733,745	9,315	8,845
10	16	98 975	48 022,140	671 945,728	13,992	13,522	60	66	80 742	1 053,393	9 581,453	9,096	8,626
11	17	98 950	44 660,583	623 923,588	13,970	13,500	61	67	79 229	961,541	8 528,060	8,869	8,399
12	18	98 923	41 533,397	579 263,006	13,947	13,477	62	68	77 632	876,424	7 566,519	8,633	8,163
13	19	98 891	38 623,239	537 729,609	13,922	13,452	63	69	75 926	797,368	6 690,095	8,390	7,920
14	20	98 862	35 917,723	499 106,370	13,896	13,426	64	70	74 107	723,967	5 892,727	8,139	7,669
15	21	98 824	33 399,277	463 188,647	13,868	13,398	65	71	72 169	655,848	5 168,759	7,881	7,411
16	22	98 783	31 056,175	429 789,370	13,839	13,369	66	72	70 097	592,568	4 512,912	7,616	7,146
17	23	98 731	28 874,262	398 733,195	13,809	13,339	67	73	67 861	533,649	3 920,343	7,346	6,876
18	24	98 675	26 844,500	369 858,933	13,778	13,308	68	74	65 483	479,018	3 386,694	7,070	6,600
19	25	98 598	24 952,076	343 014,433	13,747	13,277	69	75	62 955	428,400	2 907,676	6,787	6,317
20	26	98 522	23 193,407	318 062,357	13,713	13,243	70	76	60 222	381,209	2 479,277	6,504	6,033
21	27	98 437	21 556,612	294 868,950	13,679	13,209	71	77	57 311	337,472	2 098,068	6,217	5,747
22	28	98 356	20 036,181	273 312,338	13,641	13,171	72	78	54 214	296,962	1 760,596	5,929	5,458
23	29	98 275	18 622,983	253 276,156	13,600	13,130	73	79	50 886	259,288	1 463,633	5,645	5,175
24	30	98 194	17 309,362	234 653,173	13,556	13,086	74	80	47 405	224,699	1 204,346	5,360	4,890
25	31	98 110	16 088,039	217 343,812	13,510	13,039	75	81	43 712	192,739	979,647	5,083	4,612
26	32	98 020	14 951,872	201 255,773	13,460	12,990	76	82	39 898	163,649	786,908	4,809	4,338
27	33	97 926	13 895,409	186 303,901	13,408	12,937	77	83	35 968	137,234	623,259	4,542	4,071
28	34	97 829	12 913,107	172 408,492	13,351	12,881	78	84	31 960	113,434	486,025	4,285	3,814
29	35	97 729	11 999,877	159 495,384	13,291	12,821	79	85	27 949	92,277	372,591	4,038	3,567
30	36	97 624	11 150,741	147 495,507	13,227	12,757	80	86	24 016	73,761	280,314	3,800	3,330
31	37	97 514	10 361,058	136 344,766	13,159	12,689	81	87	20 222	57,774	206,553	3,575	3,105
32	38	97 390	9 625,977	125 983,708	13,088	12,618	82	88	16 563	44,019	148,779	3,380	2,910
33	39	97 260	8 942,437	116 357,731	13,012	12,542	83	89	13 292	32,862	104,760	3,188	2,718
34	40	97 121	8 306,659	107 415,294	12,931	12,461	84	90	10 402	23,922	71,898	3,006	2,535
35	41	96 974	7 715,378	99 108,636	12,846	12,375	85	91	7 972	17,054	47,976	2,813	2,343
36	42	96 809	7 164,925	91 393,258	12,756	12,285	86	92	5 848	11,638	30,922	2,657	2,187
37	43	96 629	6 652,667	84 228,333	12,661	12,191	87	93	4 147	7,677	19,284	2,512	2,042
38	44	96 432	6 175,890	77 575,666	12,561	12,091	88	94	2 822	4,860	11,607	2,388	1,918
39	45	96 219	5 732,339	71 399,776	12,456	11,985	89	95	1 856	2,974	6,747	2,269	1,798
40	46	95 976	5 318,945	65 667,438	12,346	11,876	90	96	1 172	1,747	3,773	2,160	1,690
41	47	95 697	4 933,446	60 348,493	12,233	11,762	91	97	716	0,993	2,026	2,041	1,570
42	48	95 389	4 574,483	55 415,047	12,114	11,644	92	98	413	0,533	1,033	1,939	1,468
43	49	95 059	4 240,599	50 840,563	11,989	11,519	93	99	225	0,270	0,500	1,853	1,383
44	50	94 677	3 928,920	46 599,965	11,861	11,390	94	100	116	0,130	0,230	1,773	1,303
45	51	94 255	3 638,511	42 671,044	11,728	11,257							
46	52	93 794	3 368,092	39 032,534	11,589	11,119							
47	53	93 276	3 115,821	35 664,442	11,446	10,976							
48	54	92 705	2 880,691	32 548,621	11,299	10,829							
49	55	92 083	2 661,742	29 667,929	11,146	10,676							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 402 992,159	14,087	13,617	50	57	91 048	2 448,200	26 694,134	10,904	10,433
1	8	99 180	92 260,081	1 303 399,750	14,127	13,657	51	58	90 285	2 258,309	24 245,934	10,736	10,266
2	9	99 138	85 787,455	1 211 139,670	14,118	13,648	52	59	89 442	2 081,134	21 987,625	10,565	10,095
3	10	99 113	79 781,858	1 125 352,215	14,105	13,635	53	60	88 546	1 916,555	19 906,491	10,387	9,916
4	11	99 090	74 198,498	1 045 570,357	14,092	13,621	54	61	87 557	1 762,920	17 989,936	10,205	9,734
5	12	99 068	69 006,432	971 371,859	14,077	13,606	55	62	86 501	1 620,153	16 227,016	10,016	9,545
6	13	99 049	64 179,682	902 365,427	14,060	13,590	56	63	85 365	1 487,331	14 606,863	9,821	9,351
7	14	99 028	59 689,864	838 185,745	14,042	13,572	57	64	84 164	1 364,099	13 119,532	9,618	9,147
8	15	99 007	55 513,211	778 495,881	14,024	13,553	58	65	82 893	1 249,765	11 755,433	9,406	8,936
9	16	98 984	51 628,232	722 982,670	14,004	13,533	59	66	81 524	1 143,370	10 505,668	9,188	8,718
10	17	98 959	48 014,420	671 354,438	13,982	13,512	60	67	80 078	1 044,734	9 362,297	8,961	8,491
11	18	98 933	44 652,743	623 340,018	13,960	13,489	61	68	78 514	952,868	8 319,563	8,729	8,259
12	19	98 902	41 524,324	578 687,275	13,936	13,466	62	69	76 871	867,840	7 364,695	8,486	8,016
13	20	98 870	38 614,933	537 162,951	13,911	13,440	63	70	75 094	788,623	6 496,855	8,238	7,768
14	21	98 841	35 910,145	498 548,018	13,883	13,413	64	71	73 222	715,317	5 708,233	7,980	7,510
15	22	98 803	33 392,058	462 637,873	13,855	13,384	65	72	71 206	647,097	4 992,915	7,716	7,246
16	23	98 761	31 049,038	429 245,815	13,825	13,354	66	73	69 012	583,398	4 345,819	7,449	6,979
17	24	98 709	28 867,694	398 196,777	13,794	13,324	67	74	66 685	524,398	3 762,420	7,175	6,704
18	25	98 653	26 838,397	369 329,083	13,761	13,291	68	75	64 217	469,761	3 238,022	6,893	6,423
19	26	98 576	24 946,516	342 490,686	13,729	13,259	69	76	61 553	418,854	2 768,261	6,609	6,139
20	27	98 496	23 187,210	317 544,170	13,695	13,225	70	77	58 696	371,546	2 349,407	6,323	5,853
21	28	98 412	21 551,048	294 356,960	13,659	13,188	71	78	55 652	327,700	1 977,860	6,036	5,565
22	29	98 331	20 030,977	272 805,912	13,619	13,149	72	79	52 411	287,086	1 650,160	5,748	5,278
23	30	98 248	18 617,818	252 774,934	13,577	13,107	73	80	48 975	249,551	1 363,074	5,462	4,992
24	31	98 167	17 304,611	234 157,117	13,531	13,061	74	81	45 349	214,953	1 113,522	5,180	4,710
25	32	98 078	16 082,794	216 852,505	13,484	13,013	75	82	41 549	183,199	898,570	4,905	4,435
26	33	97 986	14 946,693	200 769,711	13,432	12,962	76	83	37 630	154,342	715,371	4,635	4,165
27	34	97 891	13 890,382	185 823,018	13,378	12,908	77	84	33 631	128,319	561,028	4,372	3,902
28	35	97 789	12 907,867	171 932,636	13,320	12,850	78	85	29 595	105,042	432,709	4,119	3,649
29	36	97 687	11 994,764	159 024,769	13,258	12,788	79	86	25 565	84,406	327,667	3,882	3,412
30	37	97 579	11 145,541	147 030,005	13,192	12,722	80	87	21 695	66,632	243,261	3,651	3,181
31	38	97 463	10 355,601	135 884,464	13,122	12,652	81	88	17 903	51,150	176,629	3,453	2,983
32	39	97 333	9 620,302	125 528,863	13,048	12,578	82	89	14 485	38,496	125,479	3,260	2,789
33	40	97 192	8 936,148	115 908,562	12,971	12,500	83	90	11 434	28,269	86,983	3,077	2,607
34	41	97 052	8 300,738	106 972,414	12,887	12,417	84	91	8 860	20,377	58,714	2,881	2,411
35	42	96 893	7 708,966	98 671,676	12,800	12,329	85	92	6 592	14,102	38,337	2,719	2,248
36	43	96 718	7 158,147	90 962,710	12,708	12,237	86	93	4 743	9,439	24,236	2,568	2,097
37	44	96 527	6 645,645	83 804,563	12,610	12,140	87	94	3 289	6,089	14,797	2,430	1,960
38	45	96 323	6 168,906	77 158,918	12,508	12,037	88	95	2 186	3,765	8,708	2,313	1,843
39	46	96 089	5 724,585	70 990,012	12,401	11,931	89	96	1 403	2,247	4,944	2,200	1,730
40	47	95 827	5 310,695	65 265,427	12,289	11,819	90	97	863	1,286	2,697	2,098	1,627
41	48	95 531	4 924,885	59 954,731	12,174	11,704	91	98	513	0,711	1,411	1,985	1,514
42	49	95 212	4 566,007	55 029,846	12,052	11,582	92	99	287	0,371	0,700	1,888	1,418
43	50	94 860	4 231,727	50 463,839	11,925	11,455	93	100	152	0,182	0,329	1,807	1,337
44	51	94 456	3 919,740	46 232,112	11,795	11,324							
45	52	94 020	3 629,448	42 312,372	11,658	11,188							
46	53	93 534	3 358,760	38 682,924	11,517	11,047							
47	54	92 993	3 106,352	35 324,165	11,372	10,901							
48	55	92 410	2 871,513	32 217,813	11,220	10,750							
49	56	91 752	2 652,166	29 346,300	11,065	10,595							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 402 288,427	14,081	13,611	50	58	90 672	2 438,098	26 359,292	10,811	10,341
1	9	99 173	92 254,350	1 302 704,339	14,121	13,651	51	59	89 873	2 248,012	23 921,194	10,641	10,171
2	10	99 132	85 782,009	1 210 449,989	14,111	13,640	52	60	89 014	2 071,190	21 673,182	10,464	9,994
3	11	99 105	79 775,431	1 124 667,980	14,098	13,628	53	61	88 062	1 906,075	19 601,992	10,284	9,814
4	12	99 082	74 192,605	1 044 892,550	14,084	13,613	54	62	87 059	1 752,897	17 695,917	10,095	9,625
5	13	99 060	69 001,142	970 699,945	14,068	13,598	55	63	85 958	1 609,987	15 943,019	9,903	9,432
6	14	99 039	64 173,369	901 698,802	14,051	13,581	56	64	84 796	1 477,412	14 333,033	9,701	9,231
7	15	99 016	59 682,474	837 525,434	14,033	13,563	57	65	83 559	1 354,283	12 855,620	9,493	9,022
8	16	98 993	55 505,686	777 842,959	14,014	13,543	58	66	82 251	1 240,089	11 501,337	9,275	8,804
9	17	98 968	51 619,932	722 337,273	13,993	13,523	59	67	80 854	1 133,972	10 261,248	9,049	8,579
10	18	98 942	48 005,991	670 717,341	13,972	13,501	60	68	79 356	1 035,311	9 127,276	8,816	8,346
11	19	98 911	44 642,989	622 711,349	13,949	13,478	61	69	77 745	943,535	8 091,965	8,576	8,106
12	20	98 881	41 515,394	578 068,360	13,924	13,454	62	70	76 028	858,321	7 148,430	8,328	7,858
13	21	98 849	38 606,786	536 552,966	13,898	13,428	63	71	74 196	779,200	6 290,108	8,073	7,602
14	22	98 819	35 902,383	497 946,180	13,869	13,399	64	72	72 245	705,773	5 510,909	7,808	7,338
15	23	98 780	33 384,384	462 043,797	13,840	13,370	65	73	70 105	637,083	4 805,136	7,542	7,072
16	24	98 738	31 041,976	428 659,413	13,809	13,339	66	74	67 816	573,285	4 168,053	7,270	6,800
17	25	98 686	28 861,131	397 617,437	13,777	13,307	67	75	65 396	514,265	3 594,768	6,990	6,520
18	26	98 631	26 832,416	368 756,306	13,743	13,273	68	76	62 787	459,295	3 080,503	6,707	6,237
19	27	98 550	24 939,851	341 923,890	13,710	13,240	69	77	59 992	408,237	2 621,209	6,421	5,951
20	28	98 470	23 181,225	316 984,038	13,674	13,204	70	78	56 996	360,789	2 212,972	6,134	5,663
21	29	98 386	21 545,450	293 802,813	13,636	13,166	71	79	53 801	316,802	1 852,183	5,847	5,376
22	30	98 303	20 025,421	272 257,363	13,596	13,125	72	80	50 443	276,306	1 535,381	5,557	5,087
23	31	98 221	18 612,708	252 231,942	13,552	13,081	73	81	46 851	238,728	1 259,076	5,274	4,804
24	32	98 135	17 298,970	233 619,233	13,505	13,035	74	82	43 105	204,314	1 020,348	4,994	4,524
25	33	98 044	16 077,224	216 320,264	13,455	12,985	75	83	39 186	172,781	816,034	4,723	4,253
26	34	97 951	14 941,286	200 243,040	13,402	12,932	76	84	35 185	144,317	643,254	4,457	3,987
27	35	97 851	13 884,745	185 301,754	13,346	12,875	77	85	31 143	118,825	498,937	4,199	3,729
28	36	97 748	12 902,366	171 417,009	13,286	12,815	78	86	27 071	96,082	380,112	3,956	3,486
29	37	97 642	11 989,170	158 514,643	13,221	12,751	79	87	23 094	76,249	284,029	3,725	3,255
30	38	97 527	11 139,671	146 525,473	13,153	12,683	80	88	19 207	58,992	207,781	3,522	3,052
31	39	97 405	10 349,495	135 385,802	13,081	12,611	81	89	15 657	44,732	148,789	3,326	2,856
32	40	97 264	9 613,536	125 036,306	13,006	12,536	82	90	12 460	33,116	104,057	3,142	2,672
33	41	97 123	8 929,778	115 422,770	12,926	12,455	83	91	9 740	24,079	70,941	2,946	2,476
34	42	96 971	8 293,840	106 492,992	12,840	12,370	84	92	7 326	16,849	46,862	2,781	2,311
35	43	96 801	7 701,674	98 199,152	12,750	12,280	85	93	5 346	11,437	30,013	2,624	2,154
36	44	96 615	7 150,591	90 497,478	12,656	12,186	86	94	3 762	7,486	18,576	2,482	2,011
37	45	96 418	6 638,130	83 346,887	12,556	12,085	87	95	2 548	4,716	11,090	2,351	1,881
38	46	96 193	6 160,562	76 708,757	12,452	11,981	88	96	1 652	2,845	6,374	2,241	1,770
39	47	95 940	5 715,707	70 548,195	12,343	11,873	89	97	1 032	1,654	3,529	2,134	1,664
40	48	95 661	5 301,479	64 832,488	12,229	11,759	90	98	618	0,921	1,876	2,038	1,567
41	49	95 354	4 915,759	59 531,009	12,110	11,640	91	99	357	0,495	0,955	1,931	1,461
42	50	95 013	4 556,454	54 615,249	11,986	11,516	92	100	194	0,250	0,461	1,840	1,370
43	51	94 638	4 221,840	50 058,795	11,857	11,387							
44	52	94 221	3 909,977	45 836,955	11,723	11,253							
45	53	93 760	3 619,391	41 926,978	11,584	11,114							
46	54	93 249	3 348,552	38 307,587	11,440	10,970							
47	55	92 696	3 096,455	34 959,035	11,290	10,820							
48	56	92 077	2 861,182	31 862,581	11,136	10,666							
49	57	91 404	2 642,107	29 001,398	10,977	10,506							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 401 530,807	14,075	13,604	50	59	90 259	2 426,981	26 000,563	10,713	10,243
1	10	99 167	92 248,494	1 301 952,904	14,114	13,643	51	60	89 444	2 237,270	23 573,582	10,537	10,066
2	11	99 124	85 775,098	1 209 704,410	14,103	13,633	52	61	88 528	2 059,865	21 336,312	10,358	9,888
3	12	99 097	79 769,095	1 123 929,312	14,090	13,620	53	62	87 561	1 895,238	19 276,447	10,171	9,701
4	13	99 074	74 186,918	1 044 160,218	14,075	13,604	54	63	86 513	1 741,898	17 381,208	9,978	9,508
5	14	99 050	68 994,355	969 973,300	14,059	13,588	55	64	85 385	1 599,251	15 639,310	9,779	9,309
6	15	99 027	64 165,425	900 978,945	14,042	13,571	56	65	84 186	1 466,781	14 040,060	9,572	9,102
7	16	99 003	59 674,384	836 813,521	14,023	13,553	57	66	82 912	1 343,798	12 573,279	9,357	8,886
8	17	98 977	55 496,763	777 139,137	14,003	13,533	58	67	81 575	1 229,896	11 229,481	9,130	8,660
9	18	98 950	51 610,871	721 642,374	13,982	13,512	59	68	80 125	1 123,744	9 999,585	8,898	8,428
10	19	98 920	47 995,505	670 031,503	13,960	13,490	60	69	78 579	1 025,170	8 875,841	8,658	8,188
11	20	98 890	44 633,389	622 035,998	13,937	13,466	61	70	76 893	933,187	7 850,671	8,413	7,942
12	21	98 860	41 506,635	577 402,610	13,911	13,441	62	71	75 120	848,066	6 917,484	8,157	7,686
13	22	98 828	38 598,441	535 895,975	13,884	13,414	63	72	73 206	768,803	6 069,418	7,895	7,424
14	23	98 797	35 894,133	497 297,534	13,855	13,384	64	73	71 127	694,851	5 300,615	7,628	7,158
15	24	98 758	33 376,791	461 403,401	13,824	13,354	65	74	68 889	626,039	4 605,764	7,357	6,887
16	25	98 716	31 034,919	428 026,610	13,792	13,321	66	75	66 505	562,207	3 979,725	7,079	6,608
17	26	98 664	28 854,700	396 991,691	13,758	13,288	67	76	63 939	502,806	3 417,519	6,797	6,327
18	27	98 604	26 825,248	368 136,992	13,724	13,253	68	77	61 195	447,653	2 914,713	6,511	6,041
19	28	98 524	24 933,413	341 311,744	13,689	13,219	69	78	58 255	396,417	2 467,060	6,223	5,753
20	29	98 445	23 175,204	316 378,331	13,652	13,181	70	79	55 101	348,789	2 070,643	5,937	5,466
21	30	98 359	21 539,475	293 203,127	13,612	13,142	71	80	51 781	304,906	1 721,854	5,647	5,177
22	31	98 276	20 019,926	271 663,652	13,570	13,099	72	81	48 255	264,322	1 416,948	5,361	4,890
23	32	98 189	18 606,640	251 643,726	13,524	13,054	73	82	44 532	226,912	1 152,627	5,080	4,609
24	33	98 101	17 292,978	233 037,086	13,476	13,006	74	83	40 653	192,695	925,715	4,804	4,334
25	34	98 009	16 071,407	215 744,108	13,424	12,954	75	84	36 640	161,557	733,020	4,537	4,067
26	35	97 911	14 935,222	199 672,701	13,369	12,899	76	85	32 582	133,639	571,463	4,276	3,806
27	36	97 810	13 878,828	184 737,479	13,311	12,840	77	86	28 487	108,690	437,824	4,028	3,558
28	37	97 702	12 896,350	170 858,651	13,249	12,778	78	87	24 455	86,796	329,134	3,792	3,322
29	38	97 590	11 982,855	157 962,301	13,182	12,712	79	88	20 446	67,506	242,338	3,590	3,120
30	39	97 470	11 133,103	145 979,446	13,112	12,642	80	89	16 798	51,590	174,832	3,389	2,919
31	40	97 337	10 342,217	134 846,342	13,038	12,568	81	90	13 469	38,480	123,242	3,203	2,732
32	41	97 195	9 606,683	124 504,125	12,960	12,490	82	91	10 614	28,208	84,761	3,005	2,535
33	42	97 042	8 922,358	114 897,442	12,877	12,407	83	92	8 053	19,910	56,553	2,840	2,370
34	43	96 880	8 285,994	105 975,084	12,790	12,319	84	93	5 942	13,665	36,643	2,682	2,211
35	44	96 699	7 693,545	97 689,090	12,698	12,227	85	94	4 240	9,071	22,979	2,533	2,063
36	45	96 506	7 142,505	89 995,545	12,600	12,130	86	95	2 914	5,799	13,908	2,398	1,928
37	46	96 288	6 629,152	82 853,040	12,498	12,028	87	96	1 925	3,564	8,109	2,276	1,805
38	47	96 043	6 151,008	76 223,888	12,392	11,922	88	97	1 216	2,094	4,546	2,171	1,701
39	48	95 774	5 705,788	70 072,881	12,281	11,811	89	98	739	1,184	2,452	2,071	1,600
40	49	95 484	5 291,656	64 367,093	12,164	11,694	90	99	430	0,640	1,268	1,980	1,510
41	50	95 154	4 905,475	59 075,437	12,043	11,572	91	100	241	0,334	0,628	1,880	1,409
42	51	94 791	4 545,808	54 169,962	11,916	11,446							
43	52	94 402	4 211,324	49 624,154	11,784	11,313							
44	53	93 960	3 899,143	45 412,829	11,647	11,177							
45	54	93 475	3 608,391	41 513,686	11,505	11,034							
46	55	92 952	3 337,883	37 905,295	11,356	10,886							
47	56	92 363	3 085,315	34 567,412	11,204	10,734							
48	57	91 728	2 850,330	31 482,098	11,045	10,575							
49	58	91 027	2 631,204	28 631,767	10,882	10,411							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 400 712,729	14,067	13,597	50	60	89 828	2 415,384	25 617,051	10,606	10,136
1	11	99 159	92 241,062	1 301 141,147	14,106	13,636	51	61	88 955	2 225,037	23 201,667	10,428	9,957
2	12	99 116	85 768,286	1 208 900,085	14,095	13,625	52	62	88 024	2 048,154	20 976,630	10,242	9,771
3	13	99 089	79 762,980	1 123 131,800	14,081	13,611	53	63	87 012	1 883,346	18 928,476	10,050	9,580
4	14	99 065	74 179,620	1 043 368,820	14,065	13,595	54	64	85 936	1 730,282	17 045,130	9,851	9,381
5	15	99 038	68 985,813	969 189,200	14,049	13,579	55	65	84 771	1 587,743	15 314,848	9,646	9,175
6	16	99 013	64 156,726	900 203,386	14,031	13,561	56	66	83 534	1 455,425	13 727,106	9,432	8,961
7	17	98 987	59 664,790	836 046,660	14,012	13,542	57	67	82 230	1 332,752	12 271,681	9,208	8,737
8	18	98 960	55 487,021	776 381,870	13,992	13,522	58	68	80 840	1 218,802	10 938,929	8,975	8,505
9	19	98 929	51 599,597	720 894,849	13,971	13,501	59	69	79 340	1 112,737	9 720,126	8,735	8,265
10	20	98 899	47 985,183	669 295,251	13,948	13,478	60	70	77 717	1 013,926	8 607,389	8,489	8,019
11	21	98 869	44 623,971	621 310,068	13,923	13,453	61	71	75 974	922,037	7 593,463	8,236	7,765
12	22	98 838	41 497,663	576 686,097	13,897	13,427	62	72	74 117	836,750	6 671,426	7,973	7,503
13	23	98 805	38 589,571	535 188,433	13,869	13,398	63	73	72 073	756,906	5 834,676	7,709	7,238
14	24	98 774	35 885,968	496 598,862	13,838	13,368	64	74	69 894	682,805	5 077,770	7,437	6,966
15	25	98 735	33 369,203	460 712,893	13,807	13,336	65	75	67 558	613,941	4 394,965	7,159	6,688
16	26	98 694	31 028,003	427 343,691	13,773	13,303	66	76	65 023	549,680	3 781,024	6,879	6,408
17	27	98 638	28 846,991	396 315,688	13,739	13,268	67	77	62 319	490,061	3 231,344	6,594	6,123
18	28	98 579	26 818,323	367 468,697	13,702	13,232	68	78	59 423	434,691	2 741,283	6,306	5,836
19	29	98 499	24 926,937	340 650,374	13,666	13,196	69	79	56 318	383,233	2 306,592	6,019	5,548
20	30	98 418	23 168,776	315 723,437	13,627	13,157	70	80	53 031	335,692	1 923,359	5,730	5,259
21	31	98 332	21 533,563	292 554,661	13,586	13,116	71	81	49 535	291,681	1 587,666	5,443	4,973
22	32	98 244	20 013,399	271 021,097	13,542	13,072	72	82	45 867	251,239	1 295,986	5,158	4,688
23	33	98 155	18 600,196	251 007,699	13,495	13,025	73	83	42 000	214,008	1 044,747	4,882	4,412
24	34	98 065	17 286,722	232 407,503	13,444	12,974	74	84	38 013	180,178	830,739	4,611	4,140
25	35	97 969	16 064,885	215 120,781	13,391	12,920	75	85	33 930	149,604	650,562	4,349	3,878
26	36	97 869	14 928,857	199 055,896	13,334	12,863	76	86	29 803	122,240	500,958	4,098	3,628
27	37	97 764	13 872,356	184 127,039	13,273	12,803	77	87	25 733	98,185	378,717	3,857	3,387
28	38	97 651	12 889,557	170 254,683	13,209	12,738	78	88	21 651	76,844	280,532	3,651	3,180
29	39	97 533	11 975,791	157 365,125	13,140	12,670	79	89	17 881	59,036	203,688	3,450	2,980
30	40	97 401	11 125,274	145 389,335	13,068	12,598	80	90	14 450	44,380	144,652	3,259	2,789
31	41	97 267	10 334,845	134 264,061	12,991	12,521	81	91	11 473	32,778	100,272	3,059	2,589
32	42	97 114	9 598,701	123 929,216	12,911	12,441	82	92	8 776	23,324	67,494	2,894	2,423
33	43	96 950	8 913,918	114 330,515	12,826	12,356	83	93	6 531	16,147	44,170	2,735	2,265
34	44	96 777	8 277,248	105 416,597	12,736	12,265	84	94	4 712	10,838	28,023	2,586	2,115
35	45	96 590	7 684,844	97 139,349	12,640	12,170	85	95	3 284	7,026	17,185	2,446	1,976
36	46	96 376	7 132,845	89 454,505	12,541	12,071	86	96	2 202	4,381	10,159	2,319	1,849
37	47	96 138	6 618,870	82 321,660	12,437	11,967	87	97	1 417	2,623	5,778	2,203	1,733
38	48	95 877	6 140,333	75 702,790	12,329	11,858	88	98	871	1,499	3,155	2,105	1,634
39	49	95 596	5 695,215	69 562,457	12,214	11,744	89	99	514	0,824	1,656	2,010	1,540
40	50	95 284	5 280,585	63 867,242	12,095	11,624	90	100	290	0,432	0,832	1,925	1,454
41	51	94 932	4 894,014	58 586,656	11,971	11,501							
42	52	94 555	4 534,486	53 692,643	11,841	11,371							
43	53	94 141	4 199,655	49 158,157	11,705	11,235							
44	54	93 674	3 887,293	44 958,502	11,566	11,095							
45	55	93 177	3 596,894	41 071,209	11,419	10,948							
46	56	92 618	3 325,874	37 474,314	11,268	10,797							
47	57	92 013	3 073,613	34 148,440	11,110	10,640							
48	58	91 349	2 838,569	31 074,827	10,947	10,477							
49	59	90 612	2 619,207	28 236,258	10,780	10,310							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 399 829,596	14,060	13,589	50	61	89 336	2 402,177	25 207,250	10,494	10,023
1	12	99 151	92 233,736	1 300 266,036	14,098	13,627	51	62	88 449	2 212,387	22 805,073	10,308	9,838
2	13	99 108	85 761,711	1 208 032,300	14,086	13,616	52	63	87 472	2 035,302	20 592,686	10,118	9,647
3	14	99 080	79 755,134	1 122 270,589	14,071	13,601	53	64	86 432	1 870,787	18 557,384	9,920	9,449
4	15	99 052	74 170,437	1 042 515,455	14,056	13,585	54	65	85 317	1 717,831	16 686,598	9,714	9,243
5	16	99 025	68 976,462	968 345,019	14,039	13,568	55	66	84 114	1 575,450	14 968,766	9,501	9,031
6	17	98 997	64 146,412	899 368,557	14,021	13,550	56	67	82 847	1 443,461	13 393,317	9,279	8,808
7	18	98 969	59 654,317	835 222,145	14,001	13,531	57	68	81 489	1 320,731	11 949,855	9,048	8,578
8	19	98 938	55 474,901	775 567,828	13,981	13,510	58	69	80 048	1 206,864	10 629,124	8,807	8,337
9	20	98 907	51 588,501	720 092,927	13,958	13,488	59	70	78 470	1 100,533	9 422,260	8,562	8,091
10	21	98 878	47 975,059	668 504,427	13,934	13,464	60	71	76 788	1 001,812	8 321,727	8,307	7,836
11	22	98 848	44 614,326	620 529,368	13,909	13,438	61	72	74 960	909,734	7 319,915	8,046	7,576
12	23	98 816	41 488,127	575 915,041	13,881	13,411	62	73	72 971	823,801	6 410,181	7,781	7,311
13	24	98 783	38 580,794	534 426,914	13,852	13,382	63	74	70 824	743,784	5 586,380	7,511	7,040
14	25	98 752	35 877,810	495 846,120	13,820	13,350	64	75	68 543	669,611	4 842,595	7,232	6,762
15	26	98 713	33 361,767	459 968,310	13,787	13,317	65	76	66 053	600,262	4 172,985	6,952	6,482
16	27	98 667	31 019,713	426 606,544	13,753	13,282	66	77	63 375	535,747	3 572,723	6,669	6,198
17	28	98 613	28 839,545	395 586,831	13,717	13,247	67	78	60 514	475,872	3 036,976	6,382	5,912
18	29	98 553	26 811,358	366 747,286	13,679	13,209	68	79	57 447	420,234	2 561,104	6,094	5,624
19	30	98 471	24 920,024	339 935,929	13,641	13,171	69	80	54 203	368,842	2 140,870	5,804	5,334
20	31	98 391	23 162,418	315 015,905	13,600	13,130	70	81	50 731	321,132	1 772,028	5,518	5,048
21	32	98 300	21 526,543	291 853,487	13,558	13,088	71	82	47 083	277,244	1 450,896	5,233	4,763
22	33	98 210	20 006,467	270 326,944	13,512	13,042	72	83	43 258	236,951	1 173,652	4,953	4,483
23	34	98 119	18 593,466	250 320,477	13,463	12,993	73	84	39 272	200,106	936,700	4,681	4,211
24	35	98 026	17 279,706	231 727,011	13,410	12,940	74	85	35 200	166,847	736,595	4,415	3,945
25	36	97 927	16 058,039	214 447,305	13,355	12,884	75	86	31 036	136,844	569,748	4,163	3,693
26	37	97 824	14 921,896	198 389,266	13,295	12,825	76	87	26 922	110,426	432,904	3,920	3,450
27	38	97 712	13 865,050	183 467,370	13,232	12,762	77	88	22 783	86,927	322,478	3,710	3,239
28	39	97 593	12 881,958	169 602,320	13,166	12,696	78	89	18 934	67,203	235,551	3,505	3,035
29	40	97 464	11 967,369	156 720,362	13,096	12,625	79	90	15 382	50,785	168,348	3,315	2,845
30	41	97 332	11 117,344	144 752,994	13,020	12,550	80	91	12 308	37,803	117,563	3,110	2,640
31	42	97 186	10 326,257	133 635,650	12,941	12,471	81	92	9 486	27,102	79,760	2,943	2,473
32	43	97 022	9 589,621	123 309,393	12,859	12,388	82	93	7 117	18,916	52,658	2,784	2,313
33	44	96 848	8 904,509	113 719,772	12,771	12,301	83	94	5 180	12,807	33,742	2,635	2,164
34	45	96 668	8 267,888	104 815,263	12,677	12,207	84	95	3 650	8,395	20,935	2,494	2,023
35	46	96 459	7 674,450	96 547,375	12,580	12,110	85	96	2 481	5,309	12,540	2,362	1,892
36	47	96 226	7 121,782	88 872,925	12,479	12,009	86	97	1 620	3,225	7,231	2,243	1,772
37	48	95 972	6 607,384	81 751,143	12,373	11,902	87	98	1 014	1,878	4,007	2,133	1,663
38	49	95 699	6 128,955	75 143,759	12,260	11,790	88	99	606	1,043	2,129	2,041	1,571
39	50	95 396	5 683,301	69 014,804	12,143	11,673	89	100	347	0,556	1,086	1,952	1,482
40	51	95 062	5 268,247	63 331,504	12,021	11,551							
41	52	94 695	4 881,824	58 063,256	11,894	11,423							
42	53	94 293	4 521,921	53 181,433	11,761	11,291							
43	54	93 855	4 186,892	48 659,511	11,622	11,152							
44	55	93 376	3 874,907	44 472,619	11,477	11,007							
45	56	92 842	3 583,954	40 597,712	11,328	10,857							
46	57	92 267	3 313,260	37 013,758	11,171	10,701							
47	58	91 633	3 060,930	33 700,498	11,010	10,540							
48	59	90 933	2 825,626	30 639,568	10,843	10,373							
49	60	90 179	2 606,692	27 813,941	10,670	10,200							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 398 878,186	14,051	13,581	50	62	88 828	2 388,519	24 770,788	10,371	9,900
1	13	99 144	92 226,666	1 299 322,533	14,088	13,618	51	63	87 894	2 198,505	22 382,269	10,181	9,710
2	14	99 099	85 753,275	1 207 095,867	14,076	13,606	52	64	86 889	2 021,729	20 183,764	9,983	9,513
3	15	99 067	79 745,260	1 121 342,592	14,062	13,591	53	65	85 810	1 857,325	18 162,035	9,779	9,308
4	16	99 039	74 160,382	1 041 597,332	14,045	13,575	54	66	84 657	1 704,531	16 304,710	9,566	9,095
5	17	99 009	68 965,373	967 436,950	14,028	13,558	55	67	83 423	1 562,500	14 600,179	9,344	8,874
6	18	98 980	64 135,152	898 471,577	14,009	13,539	56	68	82 100	1 430,442	13 037,679	9,114	8,644
7	19	98 948	59 641,286	834 336,425	13,989	13,519	57	69	80 690	1 307,795	11 607,238	8,875	8,405
8	20	98 917	55 462,970	774 695,139	13,968	13,498	58	70	79 170	1 193,628	10 299,443	8,629	8,158
9	21	98 887	51 577,616	719 232,168	13,945	13,474	59	71	77 532	1 087,383	9 105,815	8,374	7,904
10	22	98 857	47 964,689	667 654,552	13,920	13,449	60	72	75 764	988,445	8 018,432	8,112	7,642
11	23	98 825	44 604,074	619 689,863	13,893	13,423	61	73	73 800	895,656	7 029,987	7,849	7,379
12	24	98 793	41 478,691	575 085,789	13,865	13,394	62	74	71 706	809,521	6 134,332	7,578	7,107
13	25	98 760	38 572,022	533 607,098	13,834	13,364	63	75	69 455	729,411	5 324,811	7,300	6,830
14	26	98 730	35 869,815	495 035,076	13,801	13,331	64	76	67 016	654,691	4 595,400	7,019	6,549
15	27	98 687	33 352,854	459 165,261	13,767	13,297	65	77	64 378	585,047	3 940,709	6,736	6,265
16	28	98 642	31 011,706	425 812,408	13,731	13,260	66	78	61 540	520,235	3 355,662	6,450	5,980
17	29	98 587	28 832,054	394 800,701	13,693	13,223	67	79	58 502	460,045	2 835,427	6,163	5,693
18	30	98 526	26 803,921	365 968,647	13,654	13,183	68	80	55 290	404,454	2 375,382	5,873	5,403
19	31	98 444	24 913,184	339 164,726	13,614	13,144	69	81	51 852	352,844	1 970,928	5,586	5,116
20	32	98 358	23 154,866	314 251,542	13,572	13,101	70	82	48 220	305,237	1 618,084	5,301	4,831
21	33	98 266	21 519,087	291 096,676	13,527	13,057	71	83	44 405	261,478	1 312,846	5,021	4,551
22	34	98 175	19 999,229	269 577,588	13,479	13,009	72	84	40 448	221,559	1 051,369	4,745	4,275
23	35	98 080	18 585,921	249 578,359	13,428	12,958	73	85	36 366	185,301	829,809	4,478	4,008
24	36	97 984	17 272,343	230 992,439	13,374	12,903	74	86	32 198	152,616	644,509	4,223	3,753
25	37	97 882	16 050,551	213 720,096	13,315	12,845	75	87	28 036	123,618	491,893	3,979	3,509
26	38	97 772	14 914,037	197 669,545	13,254	12,784	76	88	23 835	97,764	368,275	3,767	3,297
27	39	97 655	13 856,875	182 755,509	13,189	12,719	77	89	19 924	76,021	270,511	3,558	3,088
28	40	97 524	12 872,899	168 898,634	13,120	12,650	78	90	16 288	57,810	194,489	3,364	2,894
29	41	97 395	11 958,838	156 025,735	13,047	12,577	79	91	13 102	43,259	136,679	3,160	2,689
30	42	97 251	11 108,106	144 066,897	12,970	12,499	80	92	10 177	31,257	93,421	2,989	2,518
31	43	97 094	10 316,489	132 958,791	12,888	12,418	81	93	7 693	21,980	62,163	2,828	2,358
32	44	96 920	9 579,498	122 642,302	12,803	12,332	82	94	5 645	15,003	40,183	2,678	2,208
33	45	96 738	8 894,439	113 062,804	12,712	12,241	83	95	4 013	9,920	25,180	2,538	2,068
34	46	96 537	8 256,705	104 168,365	12,616	12,146	84	96	2 758	6,343	15,260	2,406	1,936
35	47	96 310	7 662,548	95 911,659	12,517	12,047	85	97	1 826	3,907	8,917	2,282	1,812
36	48	96 059	7 109,423	88 249,112	12,413	11,943	86	98	1 160	2,309	5,010	2,170	1,699
37	49	95 794	6 595,141	81 139,689	12,303	11,833	87	99	706	1,307	2,701	2,067	1,597
38	50	95 499	6 116,133	74 544,548	12,188	11,718	88	100	409	0,704	1,394	1,980	1,510
39	51	95 173	5 670,022	68 428,415	12,068	11,598							
40	52	94 825	5 255,125	62 758,394	11,942	11,472							
41	53	94 433	4 868,297	57 503,268	11,812	11,342							
42	54	94 006	4 508,179	52 634,971	11,675	11,205							
43	55	93 556	4 173,552	48 126,793	11,531	11,061							
44	56	93 040	3 860,967	43 953,241	11,384	10,914							
45	57	92 490	3 570,361	40 092,274	11,229	10,759							
46	58	91 886	3 299,588	36 521,913	11,069	10,598							
47	59	91 215	3 046,973	33 222,325	10,903	10,433							
48	60	90 498	2 812,124	30 175,351	10,730	10,260							
49	61	89 686	2 592,439	27 363,227	10,555	10,085							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 397 853,109	14,042	13,572	50	63	88 271	2 373,532	24 306,051	10,240	9,770
1	14	99 134	92 217,594	1 298 305,088	14,079	13,608	51	64	87 308	2 183,844	21 932,519	10,043	9,573
2	15	99 086	85 742,659	1 206 087,494	14,066	13,596	52	65	86 263	2 007,181	19 748,676	9,839	9,369
3	16	99 054	79 734,450	1 120 344,835	14,051	13,581	53	66	85 145	1 842,945	17 741,495	9,627	9,156
4	17	99 023	74 148,460	1 040 610,385	14,034	13,564	54	67	83 961	1 690,520	15 898,550	9,405	8,934
5	18	98 991	68 953,267	966 461,925	14,016	13,546	55	68	82 670	1 548,407	14 208,030	9,176	8,706
6	19	98 958	64 121,143	897 508,658	13,997	13,527	56	69	81 296	1 416,430	12 659,623	8,938	8,467
7	20	98 927	59 628,460	833 387,516	13,976	13,506	57	70	79 805	1 293,451	11 243,192	8,692	8,222
8	21	98 896	55 451,268	773 759,056	13,954	13,484	58	71	78 224	1 179,366	9 949,741	8,437	7,966
9	22	98 865	51 566,468	718 307,787	13,930	13,459	59	72	76 498	1 072,875	8 770,375	8,175	7,704
10	23	98 834	47 953,667	666 741,319	13,904	13,434	60	73	74 591	973,148	7 697,501	7,910	7,440
11	24	98 803	44 593,928	618 787,652	13,876	13,406	61	74	72 521	880,129	6 724,353	7,640	7,170
12	25	98 771	41 469,260	574 193,724	13,846	13,376	62	75	70 320	793,877	5 844,224	7,362	6,891
13	26	98 738	38 563,427	532 724,463	13,814	13,344	63	76	67 908	713,159	5 050,346	7,082	6,611
14	27	98 703	35 860,232	494 161,036	13,780	13,310	64	77	65 317	638,096	4 337,187	6,797	6,327
15	28	98 662	33 344,244	458 300,805	13,745	13,274	65	78	62 514	568,107	3 699,091	6,511	6,041
16	29	98 616	31 003,651	424 956,560	13,707	13,236	66	79	59 493	502,933	3 130,984	6,225	5,755
17	30	98 560	28 824,057	393 952,909	13,668	13,197	67	80	56 305	442,770	2 628,051	5,935	5,465
18	31	98 499	26 796,565	365 128,852	13,626	13,156	68	81	52 892	386,912	2 185,281	5,648	5,178
19	32	98 412	24 905,062	338 332,287	13,585	13,115	69	82	49 286	335,380	1 798,369	5,362	4,892
20	33	98 324	23 146,847	313 427,225	13,541	13,071	70	83	45 478	287,879	1 462,989	5,082	4,612
21	34	98 230	21 511,302	290 280,378	13,494	13,024	71	84	41 521	244,492	1 175,110	4,806	4,336
22	35	98 135	19 991,113	268 769,076	13,444	12,974	72	85	37 456	205,167	930,618	4,536	4,066
23	36	98 038	18 578,000	248 777,964	13,391	12,921	73	86	33 264	169,496	725,451	4,280	3,810
24	37	97 938	17 264,288	230 199,963	13,334	12,864	74	87	29 086	137,866	555,955	4,033	3,562
25	38	97 830	16 042,097	212 935,675	13,274	12,803	75	88	24 821	109,444	418,090	3,820	3,350
26	39	97 715	14 905,244	196 893,578	13,210	12,739	76	89	20 845	85,499	308,646	3,610	3,140
27	40	97 586	13 847,130	181 988,335	13,143	12,672	77	90	17 140	65,396	223,147	3,412	2,942
28	41	97 455	12 863,723	168 141,204	13,071	12,601	78	91	13 874	49,243	157,751	3,204	2,733
29	42	97 314	11 948,901	155 277,482	12,995	12,525	79	92	10 834	35,769	108,509	3,034	2,563
30	43	97 159	11 097,598	143 328,581	12,915	12,445	80	93	8 254	25,350	72,740	2,869	2,399
31	44	96 992	10 305,600	132 230,983	12,831	12,361	81	94	6 102	17,433	47,390	2,718	2,248
32	45	96 810	9 568,666	121 925,383	12,742	12,272	82	95	4 373	11,621	29,956	2,578	2,107
33	46	96 607	8 882,409	112 356,718	12,649	12,179	83	96	3 032	7,495	18,335	2,446	1,976
34	47	96 387	8 243,900	103 474,309	12,552	12,081	84	97	2 030	4,668	10,840	2,322	1,852
35	48	96 142	7 649,250	95 230,409	12,450	11,979	85	98	1 308	2,798	6,172	2,206	1,736
36	49	95 881	7 096,249	87 581,159	12,342	11,872	86	99	807	1,606	3,374	2,100	1,630
37	50	95 593	6 581,343	80 484,910	12,229	11,759	87	100	476	0,882	1,768	2,004	1,534
38	51	95 276	6 101,843	73 903,567	12,112	11,641							
39	52	94 936	5 655,899	67 801,724	11,988	11,518							
40	53	94 562	5 240,564	62 145,825	11,859	11,388							
41	54	94 146	4 853,501	56 905,261	11,725	11,254							
42	55	93 707	4 493,815	52 051,759	11,583	11,113							
43	56	93 219	4 158,537	47 557,945	11,436	10,966							
44	57	92 687	3 846,323	43 399,407	11,283	10,813							
45	58	92 108	3 555,628	39 553,084	11,124	10,654							
46	59	91 467	3 284,543	35 997,456	10,960	10,489							
47	60	90 779	3 032,414	32 712,912	10,788	10,317							
48	61	90 004	2 796,748	29 680,499	10,613	10,142							
49	62	89 176	2 577,699	26 883,751	10,429	9,959							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 396 748,414	14,032	13,562	50	64	87 682	2 357,704	23 812,276	10,100	9,629
1	15	99 122	92 206,178	1 297 210,186	14,069	13,598	51	65	86 680	2 168,129	21 454,572	9,895	9,425
2	16	99 073	85 731,035	1 205 004,008	14,056	13,585	52	66	85 596	1 991,641	19 286,443	9,684	9,213
3	17	99 038	79 721,632	1 119 272,973	14,040	13,569	53	67	84 445	1 827,796	17 294,803	9,462	8,992
4	18	99 006	74 135,444	1 039 551,341	14,022	13,552	54	68	83 204	1 675,273	15 467,006	9,233	8,762
5	19	98 970	68 938,205	965 415,897	14,004	13,534	55	69	81 861	1 533,240	13 791,734	8,995	8,525
6	20	98 937	64 107,353	896 477,692	13,984	13,514	56	70	80 404	1 400,896	12 258,494	8,750	8,280
7	21	98 906	59 615,879	832 370,339	13,962	13,492	57	71	78 852	1 277,997	10 857,599	8,496	8,026
8	22	98 875	55 439,283	772 754,460	13,939	13,468	58	72	77 180	1 163,630	9 579,602	8,233	7,762
9	23	98 843	51 554,618	717 315,177	13,914	13,443	59	73	75 314	1 056,272	8 415,972	7,968	7,497
10	24	98 812	47 942,760	665 760,559	13,887	13,416	60	74	73 298	956,278	7 359,701	7,696	7,226
11	25	98 780	44 583,790	617 817,799	13,857	13,387	61	75	71 119	863,121	6 403,422	7,419	6,949
12	26	98 749	41 460,019	573 234,009	13,826	13,356	62	76	68 753	776,189	5 540,301	7,138	6,668
13	27	98 712	38 553,124	531 773,990	13,793	13,323	63	77	66 187	695,082	4 764,112	6,854	6,384
14	28	98 678	35 850,975	493 220,865	13,758	13,287	64	78	63 426	619,621	4 069,030	6,567	6,097
15	29	98 636	33 335,584	457 369,890	13,720	13,250	65	79	60 435	549,213	3 449,409	6,281	5,810
16	30	98 589	30 995,052	424 034,307	13,681	13,210	66	80	57 259	484,047	2 900,196	5,992	5,521
17	31	98 533	28 816,147	393 039,255	13,640	13,169	67	81	53 863	423,566	2 416,149	5,704	5,234
18	32	98 467	26 787,829	364 223,108	13,597	13,126	68	82	50 274	367,761	1 992,583	5,418	4,948
19	33	98 378	24 896,436	337 435,279	13,554	13,083	69	83	46 483	316,308	1 624,822	5,137	4,667
20	34	98 289	23 138,472	312 538,843	13,507	13,037	70	84	42 524	269,179	1 308,514	4,861	4,391
21	35	98 190	21 502,572	289 400,371	13,459	12,989	71	85	38 449	226,403	1 039,336	4,591	4,120
22	36	98 093	19 982,594	267 897,799	13,407	12,936	72	86	34 261	187,667	812,932	4,332	3,861
23	37	97 992	18 569,337	247 915,205	13,351	12,881	73	87	30 049	153,114	625,265	4,084	3,613
24	38	97 887	17 255,195	229 345,868	13,291	12,821	74	88	25 751	122,058	472,151	3,868	3,398
25	39	97 772	16 032,639	212 090,673	13,229	12,758	75	89	21 707	95,713	350,093	3,658	3,187
26	40	97 646	14 894,761	196 058,034	13,163	12,693	76	90	17 932	73,549	254,381	3,459	2,988
27	41	97 517	13 837,260	181 163,273	13,092	12,622	77	91	14 600	55,704	180,832	3,246	2,776
28	42	97 374	12 853,033	167 326,013	13,018	12,548	78	92	11 472	40,717	125,128	3,073	2,603
29	43	97 222	11 937,598	154 472,979	12,940	12,470	79	93	8 786	29,009	84,411	2,910	2,440
30	44	97 056	11 085,884	142 535,381	12,857	12,387	80	94	6 546	20,106	55,402	2,756	2,285
31	45	96 882	10 293,946	131 449,498	12,770	12,299	81	95	4 727	13,504	35,296	2,614	2,144
32	46	96 680	9 555,723	121 155,552	12,679	12,209	82	96	3 304	8,780	21,792	2,482	2,012
33	47	96 458	8 868,633	111 599,828	12,584	12,113	83	97	2 231	5,517	13,012	2,359	1,888
34	48	96 220	8 229,593	102 731,195	12,483	12,013	84	98	1 453	3,343	7,495	2,242	1,772
35	49	95 964	7 635,076	94 501,602	12,377	11,907	85	99	910	1,946	4,153	2,133	1,663
36	50	95 681	7 081,404	86 866,526	12,267	11,797	86	100	545	1,084	2,206	2,034	1,564
37	51	95 370	6 565,966	79 785,122	12,151	11,681							
38	52	95 039	6 086,644	73 219,156	12,029	11,559							
39	53	94 673	5 640,227	67 132,512	11,902	11,432							
40	54	94 275	5 224,637	61 492,285	11,770	11,299							
41	55	93 846	4 838,037	56 267,648	11,630	11,160							
42	56	93 370	4 477,648	51 429,610	11,486	11,016							
43	57	92 865	4 142,764	46 951,962	11,333	10,863							
44	58	92 304	3 830,452	42 809,198	11,176	10,706							
45	59	91 688	3 539,416	38 978,746	11,013	10,542							
46	60	91 030	3 268,849	35 439,330	10,842	10,371							
47	61	90 283	3 015,833	32 170,481	10,667	10,197							
48	62	89 492	2 780,847	29 154,648	10,484	10,014							
49	63	88 616	2 561,525	26 373,801	10,296	9,826							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 395 560,348	14,022	13,552	50	65	87 051	2 340,738	23 288,144	9,949	9,479
1	16	99 108	92 193,678	1 296 034,441	14,058	13,587	51	66	86 008	2 151,342	20 947,406	9,737	9,267
2	17	99 057	85 717,253	1 203 840,763	14,044	13,574	52	67	84 892	1 975,270	18 796,064	9,516	9,045
3	18	99 021	79 707,638	1 118 123,510	14,028	13,558	53	68	83 684	1 811,310	16 820,794	9,287	8,816
4	19	98 984	74 119,250	1 038 415,873	14,010	13,540	54	69	82 389	1 658,863	15 009,484	9,048	8,578
5	20	98 948	68 923,379	964 296,622	13,991	13,521	55	70	80 963	1 516,424	13 350,621	8,804	8,334
6	21	98 916	64 093,827	895 373,243	13,970	13,499	56	71	79 444	1 384,157	11 834,197	8,550	8,079
7	22	98 884	59 602,993	831 279,416	13,947	13,477	57	72	77 800	1 260,944	10 450,040	8,287	7,817
8	23	98 852	55 426,543	771 676,423	13,923	13,452	58	73	75 986	1 145,622	9 189,095	8,021	7,551
9	24	98 820	51 542,892	716 249,880	13,896	13,426	59	74	74 008	1 037,961	8 043,473	7,749	7,279
10	25	98 789	47 931,860	664 706,988	13,868	13,397	60	75	71 882	937,799	7 005,512	7,470	7,000
11	26	98 758	44 573,855	616 775,128	13,837	13,367	61	76	69 535	843,890	6 067,713	7,190	6,720
12	27	98 722	41 448,943	572 201,273	13,805	13,335	62	77	67 010	756,514	5 223,823	6,905	6,435
13	28	98 686	38 543,173	530 752,330	13,770	13,300	63	78	64 270	674,957	4 467,309	6,619	6,148
14	29	98 652	35 841,663	492 209,158	13,733	13,263	64	79	61 317	599,013	3 792,352	6,331	5,861
15	30	98 609	33 326,338	456 367,494	13,694	13,224	65	80	58 166	528,590	3 193,339	6,041	5,571
16	31	98 562	30 986,546	423 041,157	13,652	13,182	66	81	54 776	463,053	2 664,750	5,755	5,284
17	32	98 500	28 806,752	392 054,611	13,610	13,140	67	82	51 197	402,601	2 201,697	5,469	4,998
18	33	98 433	26 778,551	363 247,859	13,565	13,095	68	83	47 415	346,847	1 799,096	5,187	4,717
19	34	98 342	24 887,429	336 469,308	13,520	13,049	69	84	43 463	295,761	1 452,249	4,910	4,440
20	35	98 249	23 129,082	311 581,879	13,471	13,001	70	85	39 378	249,263	1 156,488	4,640	4,169
21	36	98 148	21 493,409	288 452,797	13,421	12,950	71	86	35 169	207,092	907,224	4,381	3,910
22	37	98 047	19 973,275	266 959,388	13,366	12,896	72	87	30 950	169,529	700,132	4,130	3,660
23	38	97 940	18 559,557	246 986,113	13,308	12,837	73	88	26 604	135,558	530,603	3,914	3,444
24	39	97 829	17 245,022	228 426,557	13,246	12,776	74	89	22 520	106,744	395,045	3,701	3,231
25	40	97 704	16 021,364	211 181,534	13,181	12,711	75	90	18 673	82,335	288,301	3,502	3,031
26	41	97 576	14 884,145	195 160,171	13,112	12,642	76	91	15 274	62,649	205,966	3,288	2,817
27	42	97 436	13 825,762	180 276,026	13,039	12,569	77	92	12 072	46,060	143,317	3,112	2,641
28	43	97 282	12 840,875	166 450,265	12,963	12,492	78	93	9 304	33,022	97,258	2,945	2,475
29	44	97 119	11 924,997	153 609,390	12,881	12,411	79	94	6 969	23,008	64,236	2,792	2,322
30	45	96 947	11 073,348	141 684,392	12,795	12,325	80	95	5 071	15,574	41,228	2,647	2,177
31	46	96 751	10 280,023	130 611,045	12,705	12,235	81	96	3 571	10,203	25,654	2,514	2,044
32	47	96 530	9 540,903	120 331,022	12,612	12,142	82	97	2 432	6,462	15,451	2,391	1,921
33	48	96 290	8 853,242	110 790,119	12,514	12,044	83	98	1 598	3,950	8,989	2,276	1,805
34	49	96 042	8 214,344	101 936,877	12,410	11,939	84	99	1 011	2,326	5,039	2,167	1,696
35	50	95 764	7 619,103	93 722,533	12,301	11,831	85	100	614	1,314	2,713	2,065	1,594
36	51	95 457	7 064,858	86 103,430	12,188	11,717							
37	52	95 132	6 549,612	79 038,572	12,068	11,597							
38	53	94 775	6 069,779	72 488,960	11,943	11,472							
39	54	94 385	5 623,086	66 419,181	11,812	11,342							
40	55	93 974	5 207,991	60 796,095	11,674	11,203							
41	56	93 508	4 820,632	55 588,104	11,531	11,061							
42	57	93 015	4 460,665	50 767,472	11,381	10,911							
43	58	92 482	4 125,670	46 306,807	11,224	10,754							
44	59	91 884	3 812,987	42 181,137	11,062	10,592							
45	60	91 250	3 522,503	38 368,150	10,892	10,422							
46	61	90 532	3 250,975	34 845,647	10,719	10,248							
47	62	89 770	2 998,687	31 594,672	10,536	10,066							
48	63	88 930	2 763,398	28 595,985	10,348	9,878							
49	64	88 025	2 544,443	25 832,587	10,153	9,682							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 394 285,295	14,011	13,541	50	66	86 377	2 322,615	22 732,583	9,787	9,317
1	17	99 092	92 178,857	1 294 772,881	14,046	13,576	51	67	85 301	2 133,659	20 409,968	9,566	9,095
2	18	99 040	85 702,207	1 202 594,024	14,032	13,562	52	68	84 126	1 957,454	18 276,309	9,337	8,866
3	19	98 999	79 690,226	1 116 891,818	14,015	13,545	53	69	82 864	1 793,568	16 318,855	9,099	8,628
4	20	98 963	74 103,311	1 037 201,591	13,997	13,526	54	70	81 485	1 640,669	14 525,287	8,853	8,383
5	21	98 928	68 908,837	963 098,281	13,976	13,506	55	71	79 996	1 498,305	12 884,618	8,599	8,129
6	22	98 895	64 079,973	894 189,443	13,954	13,484	56	72	78 384	1 365,689	11 386,313	8,337	7,867
7	23	98 862	59 589,297	830 109,470	13,931	13,460	57	73	76 596	1 241,431	10 020,624	8,072	7,602
8	24	98 830	55 413,936	770 520,173	13,905	13,435	58	74	74 669	1 125,762	8 779,193	7,798	7,328
9	25	98 798	51 531,173	715 106,237	13,877	13,407	59	75	72 578	1 017,903	7 653,431	7,519	7,049
10	26	98 767	47 921,179	663 575,064	13,847	13,377	60	76	70 280	916,904	6 635,528	7,237	6,767
11	27	98 732	44 561,946	615 653,885	13,816	13,345	61	77	67 772	822,499	5 718,624	6,953	6,482
12	28	98 697	41 438,244	571 091,939	13,782	13,311	62	78	65 070	734,610	4 896,124	6,665	6,195
13	29	98 661	38 533,162	529 653,695	13,745	13,275	63	79	62 133	652,509	4 161,514	6,378	5,907
14	30	98 625	35 831,722	491 120,534	13,706	13,236	64	80	59 014	576,520	3 509,005	6,087	5,616
15	31	98 581	33 317,191	455 288,811	13,665	13,195	65	81	55 643	505,663	2 932,486	5,799	5,329
16	32	98 530	30 976,443	421 971,620	13,622	13,152	66	82	52 065	440,133	2 426,823	5,514	5,044
17	33	98 466	28 796,775	390 995,176	13,578	13,107	67	83	48 285	379,706	1 986,689	5,232	4,762
18	34	98 397	26 768,863	362 198,402	13,531	13,060	68	84	44 335	324,316	1 606,983	4,955	4,485
19	35	98 303	24 877,329	335 429,539	13,483	13,013	69	85	40 248	273,879	1 282,667	4,683	4,213
20	36	98 207	23 119,226	310 552,210	13,433	12,962	70	86	36 019	228,002	1 008,788	4,424	3,954
21	37	98 103	21 483,386	287 432,984	13,379	12,909	71	87	31 770	187,077	780,786	4,174	3,703
22	38	97 996	19 962,755	265 949,598	13,322	12,852	72	88	27 401	150,091	593,709	3,956	3,485
23	39	97 883	18 548,614	245 986,843	13,262	12,791	73	89	23 266	118,550	443,618	3,742	3,272
24	40	97 760	17 232,894	227 438,228	13,198	12,728	74	90	19 372	91,825	325,067	3,540	3,070
25	41	97 634	16 009,944	210 205,334	13,130	12,659	75	91	15 906	70,133	233,243	3,326	2,855
26	42	97 495	14 871,776	194 195,390	13,058	12,588	76	92	12 630	51,802	163,110	3,149	2,678
27	43	97 343	13 812,683	179 323,614	12,983	12,512	77	93	9 790	37,355	111,308	2,980	2,509
28	44	97 179	12 827,321	165 510,931	12,903	12,433	78	94	7 379	26,190	73,953	2,824	2,353
29	45	97 009	11 911,512	152 683,610	12,818	12,348	79	95	5 398	17,822	47,763	2,680	2,210
30	46	96 816	11 058,370	140 772,098	12,730	12,260	80	96	3 831	11,767	29,941	2,544	2,074
31	47	96 601	10 264,079	129 713,728	12,638	12,167	81	97	2 628	7,509	18,174	2,420	1,950
32	48	96 362	9 524,346	119 449,649	12,542	12,071	82	98	1 741	4,627	10,664	2,305	1,834
33	49	96 112	8 836,838	109 925,303	12,439	11,969	83	99	1 112	2,748	6,037	2,197	1,726
34	50	95 841	8 197,159	101 088,465	12,332	11,862	84	100	683	1,570	3,289	2,095	1,624
35	51	95 540	7 601,301	92 891,306	12,220	11,750							
36	52	95 219	7 047,261	85 290,005	12,103	11,632							
37	53	94 869	6 531,464	78 242,744	11,979	11,509							
38	54	94 487	6 051,332	71 711,280	11,850	11,380							
39	55	94 085	5 605,170	65 659,948	11,714	11,244							
40	56	93 636	5 189,255	60 054,778	11,573	11,103							
41	57	93 154	4 802,348	54 865,524	11,425	10,954							
42	58	92 632	4 442,259	50 063,176	11,270	10,799							
43	59	92 061	4 106,859	45 620,917	11,108	10,638							
44	60	91 444	3 794,767	41 514,058	10,940	10,470							
45	61	90 751	3 503,243	37 719,291	10,767	10,297							
46	62	90 017	3 232,492	34 216,048	10,585	10,115							
47	63	89 206	2 979,870	30 983,557	10,398	9,927							
48	64	88 337	2 744,970	28 003,686	10,202	9,732							
49	65	87 392	2 526,134	25 258,716	9,999	9,529							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 392 917,925	14,000	13,529	50	67	85 667	2 303,524	22 144,481	9,613	9,143
1	18	99 075	92 162,676	1 293 421,508	14,034	13,564	51	68	84 532	2 114,414	19 840,958	9,384	8,913
2	19	99 018	85 683,486	1 201 258,832	14,020	13,549	52	69	83 302	1 938,280	17 726,544	9,146	8,675
3	20	98 978	79 673,089	1 115 575,346	14,002	13,532	53	70	81 955	1 773,897	15 788,263	8,900	8,430
4	21	98 942	74 087,676	1 035 902,258	13,982	13,512	54	71	80 511	1 621,066	14 014,367	8,645	8,175
5	22	98 906	68 893,943	961 814,582	13,961	13,491	55	72	78 928	1 478,313	12 393,301	8,383	7,913
6	23	98 872	64 065,248	892 920,639	13,938	13,467	56	73	77 171	1 344,554	10 914,987	8,118	7,648
7	24	98 839	59 575,743	828 855,391	13,913	13,442	57	74	75 268	1 219,910	9 570,433	7,845	7,375
8	25	98 807	55 401,337	769 279,648	13,886	13,415	58	75	73 226	1 104,008	8 350,522	7,564	7,094
9	26	98 776	51 519,690	713 878,311	13,856	13,386	59	76	70 961	995,223	7 246,514	7,281	6,811
10	27	98 741	47 908,376	662 358,621	13,826	13,355	60	77	68 499	893,662	6 251,291	6,995	6,525
11	28	98 706	44 550,444	614 450,245	13,792	13,322	61	78	65 810	798,685	5 357,629	6,708	6,238
12	29	98 671	41 427,481	569 899,801	13,757	13,286	62	79	62 906	710,178	4 558,944	6,419	5,949
13	30	98 633	38 522,474	528 472,320	13,719	13,248	63	80	59 800	628,007	3 848,766	6,129	5,658
14	31	98 598	35 821,888	489 949,846	13,677	13,207	64	81	56 454	551,514	3 220,759	5,840	5,370
15	32	98 549	33 306,329	454 127,958	13,635	13,165	65	82	52 889	480,635	2 669,245	5,554	5,083
16	33	98 496	30 965,715	420 821,628	13,590	13,120	66	83	49 104	415,104	2 188,610	5,272	4,802
17	34	98 431	28 786,356	389 855,913	13,543	13,073	67	84	45 149	355,041	1 773,506	4,995	4,525
18	35	98 357	26 757,999	361 069,557	13,494	13,024	68	85	41 055	300,322	1 418,466	4,723	4,253
19	36	98 261	24 866,728	334 311,558	13,444	12,974	69	86	36 815	250,518	1 118,144	4,463	3,993
20	37	98 161	23 108,445	309 444,830	13,391	12,921	70	87	32 538	205,966	867,626	4,212	3,742
21	38	98 051	21 472,071	286 336,386	13,335	12,865	71	88	28 127	165,626	661,660	3,995	3,525
22	39	97 938	19 950,986	264 864,315	13,276	12,805	72	89	23 963	131,260	496,033	3,779	3,309
23	40	97 814	18 535,570	244 913,329	13,213	12,743	73	90	20 014	101,981	364,773	3,577	3,107
24	41	97 690	17 220,611	226 377,759	13,146	12,675	74	91	16 502	78,217	262,792	3,360	2,890
25	42	97 553	15 996,640	209 157,148	13,075	12,605	75	92	13 152	57,990	184,576	3,183	2,713
26	43	97 403	14 857,708	193 160,508	13,001	12,530	76	93	10 243	42,012	126,586	3,013	2,543
27	44	97 241	13 798,103	178 302,800	12,922	12,452	77	94	7 765	29,627	84,574	2,855	2,384
28	45	97 069	12 812,815	164 504,697	12,839	12,369	78	95	5 716	20,287	54,947	2,708	2,238
29	46	96 878	11 895,401	151 691,881	12,752	12,282	79	96	4 078	13,465	34,660	2,574	2,104
30	47	96 665	11 041,220	139 796,480	12,661	12,191	80	97	2 820	8,661	21,194	2,447	1,977
31	48	96 434	10 246,267	128 755,261	12,566	12,096	81	98	1 882	5,377	12,534	2,331	1,861
32	49	96 183	9 506,698	118 508,994	12,466	11,996	82	99	1 211	3,219	7,156	2,223	1,753
33	50	95 911	8 818,350	109 002,297	12,361	11,891	83	100	750	1,855	3,937	2,122	1,652
34	51	95 617	8 178,007	100 183,946	12,250	11,780							
35	52	95 302	7 582,368	92 005,940	12,134	11,664							
36	53	94 955	7 027,734	84 423,571	12,013	11,543							
37	54	94 581	6 511,613	77 395,837	11,886	11,416							
38	55	94 186	6 032,052	70 884,224	11,751	11,281							
39	56	93 746	5 585,005	64 852,172	11,612	11,142							
40	57	93 281	5 169,572	59 267,167	11,465	10,994							
41	58	92 769	4 782,532	54 097,595	11,311	10,841							
42	59	92 209	4 422,004	49 315,063	11,152	10,682							
43	60	91 621	4 087,234	44 893,059	10,984	10,513							
44	61	90 944	3 774,018	40 805,824	10,812	10,342							
45	62	90 235	3 483,325	37 031,807	10,631	10,161							
46	63	89 453	3 212,209	33 548,481	10,444	9,974							
47	64	88 611	2 959,999	30 336,273	10,249	9,778							
48	65	87 702	2 725,218	27 376,274	10,046	9,575							
49	66	86 715	2 506,575	24 651,057	9,835	9,364							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 391 453,958	13,987	13,517	50	68	84 895	2 282,747	21 522,461	9,428	8,958
1	19	99 053	92 142,544	1 291 975,006	14,021	13,551	51	69	83 704	2 093,703	19 239,715	9,189	8,719
2	20	98 997	85 665,059	1 199 832,462	14,006	13,536	52	70	82 389	1 917,022	17 146,012	8,944	8,474
3	21	98 957	79 656,279	1 114 167,403	13,987	13,517	53	71	80 976	1 752,702	15 228,990	8,689	8,219
4	22	98 920	74 071,662	1 034 511,124	13,966	13,496	54	72	79 437	1 599,436	13 476,288	8,426	7,955
5	23	98 883	68 878,111	960 439,463	13,944	13,474	55	73	77 707	1 455,436	11 876,852	8,160	7,690
6	24	98 850	64 050,676	891 561,351	13,920	13,449	56	74	75 833	1 321,246	10 421,416	7,888	7,417
7	25	98 817	59 562,198	827 510,675	13,893	13,423	57	75	73 814	1 196,337	9 100,170	7,607	7,136
8	26	98 785	55 388,992	767 948,477	13,865	13,394	58	76	71 594	1 079,409	7 903,833	7,322	6,852
9	27	98 749	51 505,926	712 559,485	13,835	13,364	59	77	69 162	969,996	6 824,423	7,036	6,565
10	28	98 715	47 896,009	661 053,559	13,802	13,332	60	78	66 515	867,787	5 854,427	6,746	6,276
11	29	98 681	44 538,872	613 157,550	13,767	13,297	61	79	63 621	772,122	4 986,640	6,458	5,988
12	30	98 644	41 415,990	568 618,678	13,729	13,259	62	80	60 544	683,510	4 214,518	6,166	5,696
13	31	98 606	38 511,902	527 202,687	13,689	13,219	63	81	57 206	600,768	3 531,008	5,877	5,407
14	32	98 566	35 810,210	488 690,785	13,647	13,176	64	82	53 660	524,217	2 930,239	5,590	5,119
15	33	98 515	33 294,794	452 880,576	13,602	13,132	65	83	49 881	453,302	2 406,023	5,308	4,837
16	34	98 460	30 954,512	419 585,782	13,555	13,085	66	84	45 914	388,139	1 952,720	5,031	4,561
17	35	98 391	28 774,674	388 631,270	13,506	13,036	67	85	41 808	328,773	1 564,581	4,759	4,289
18	36	98 315	26 746,596	359 856,596	13,454	12,984	68	86	37 553	274,706	1 235,809	4,499	4,028
19	37	98 215	24 855,132	333 110,000	13,402	12,932	69	87	33 257	226,306	961,103	4,247	3,777
20	38	98 110	23 096,274	308 254,868	13,347	12,876	70	88	28 807	182,350	734,797	4,030	3,559
21	39	97 993	21 459,411	285 158,594	13,288	12,818	71	89	24 599	144,847	552,447	3,814	3,344
22	40	97 869	19 936,955	263 699,183	13,227	12,756	72	90	20 614	112,914	407,601	3,610	3,140
23	41	97 744	18 522,358	243 762,228	13,160	12,690	73	91	17 048	86,868	294,686	3,392	2,922
24	42	97 609	17 206,301	225 239,870	13,091	12,620	74	92	13 644	64,674	207,819	3,213	2,743
25	43	97 461	15 981,508	208 033,569	13,017	12,547	75	93	10 666	47,031	143,145	3,044	2,573
26	44	97 300	14 842,025	192 052,061	12,940	12,469	76	94	8 124	33,320	96,114	2,885	2,414
27	45	97 131	13 782,500	177 210,036	12,858	12,387	77	95	6 015	22,949	62,794	2,736	2,266
28	46	96 938	12 795,485	163 427,536	12,772	12,302	78	96	4 319	15,328	39,845	2,599	2,129
29	47	96 728	11 876,952	150 632,050	12,683	12,212	79	97	3 002	9,911	24,517	2,474	2,003
30	48	96 498	11 022,059	138 755,098	12,589	12,119	80	98	2 019	6,201	14,606	2,355	1,885
31	49	96 255	10 227,281	127 733,040	12,489	12,019	81	99	1 309	3,741	8,405	2,247	1,776
32	50	95 982	9 486,809	117 505,759	12,386	11,916	82	100	818	2,173	4,664	2,146	1,675
33	51	95 687	8 797,746	108 018,950	12,278	11,808							
34	52	95 379	8 157,637	99 221,204	12,163	11,693							
35	53	95 038	7 561,359	91 063,567	12,043	11,573							
36	54	94 667	7 006,376	83 502,208	11,918	11,448							
37	55	94 279	6 490,866	76 495,832	11,785	11,315							
38	56	93 847	6 010,351	70 004,966	11,647	11,177							
39	57	93 391	5 563,822	63 994,615	11,502	11,032							
40	58	92 896	5 148,241	58 430,793	11,350	10,879							
41	59	92 346	4 760,726	53 282,552	11,192	10,722							
42	60	91 769	4 400,874	48 521,826	11,025	10,555							
43	61	91 120	4 064,886	44 120,952	10,854	10,384							
44	62	90 427	3 752,560	40 056,066	10,674	10,204							
45	63	89 669	3 461,468	36 303,506	10,488	10,018							
46	64	88 856	3 190,788	32 842,038	10,293	9,822							
47	65	87 974	2 938,699	29 651,250	10,090	9,620							
48	66	87 023	2 704,118	26 712,551	9,878	9,408							
49	67	86 002	2 485,972	24 008,433	9,658	9,187							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 389 887,683	13,975	13,504	50	69	84 063	2 260,387	20 865,832	9,231	8,761
1	20	99 032	92 122,728	1 290 430,462	14,008	13,537	51	70	82 786	2 070,740	18 605,445	8,985	8,515
2	21	98 976	85 646,985	1 198 307,734	13,991	13,521	52	71	81 404	1 894,117	16 534,705	8,730	8,259
3	22	98 935	79 639,061	1 112 660,749	13,971	13,501	53	72	79 896	1 729,316	14 640,588	8,466	7,996
4	23	98 898	74 054,640	1 033 021,688	13,949	13,479	54	73	78 208	1 574,685	12 911,272	8,199	7,729
5	24	98 861	68 862,445	958 967,047	13,926	13,456	55	74	76 360	1 430,206	11 336,588	7,927	7,456
6	25	98 827	64 036,114	890 104,603	13,900	13,430	56	75	74 367	1 295,714	9 906,382	7,646	7,175
7	26	98 795	59 548,925	826 068,489	13,872	13,402	57	76	72 169	1 169,681	8 610,668	7,362	6,891
8	27	98 759	55 374,194	766 519,563	13,843	13,372	58	77	69 779	1 052,049	7 440,987	7,073	6,603
9	28	98 724	51 492,631	711 145,369	13,811	13,340	59	78	67 160	941,911	6 388,938	6,783	6,313
10	29	98 690	47 883,569	659 652,739	13,776	13,306	60	79	64 303	838,926	5 447,027	6,493	6,023
11	30	98 653	44 526,519	611 769,170	13,739	13,269	61	80	61 232	743,128	4 608,101	6,201	5,731
12	31	98 617	41 404,624	567 242,651	13,700	13,230	62	81	57 918	653,864	3 864,973	5,911	5,441
13	32	98 574	38 499,346	525 838,026	13,658	13,188	63	82	54 374	571,033	3 211,108	5,623	5,153
14	33	98 531	35 797,807	487 338,680	13,614	13,143	64	83	50 609	494,406	2 640,076	5,340	4,870
15	34	98 480	33 282,748	451 540,873	13,567	13,097	65	84	46 641	423,856	2 145,670	5,062	4,592
16	35	98 420	30 941,950	418 258,125	13,518	13,047	66	85	42 517	359,422	1 721,814	4,791	4,320
17	36	98 349	28 762,412	387 316,175	13,466	12,996	67	86	38 242	300,730	1 362,392	4,530	4,060
18	37	98 269	26 734,124	358 553,764	13,412	12,942	68	87	33 923	248,156	1 061,662	4,278	3,808
19	38	98 163	24 842,041	331 819,640	13,357	12,887	69	88	29 443	200,357	813,506	4,060	3,590
20	39	98 052	23 082,657	306 977,599	13,299	12,829	70	89	25 193	159,472	613,149	3,845	3,375
21	40	97 924	21 444,320	283 894,942	13,239	12,768	71	90	21 160	124,602	453,677	3,641	3,171
22	41	97 799	19 922,744	262 450,623	13,173	12,703	72	91	17 559	96,181	329,075	3,421	2,951
23	42	97 663	18 506,966	242 527,878	13,105	12,634	73	92	14 096	71,827	232,895	3,242	2,772
24	43	97 517	17 190,025	224 020,912	13,032	12,562	74	93	11 066	52,452	161,068	3,071	2,601
25	44	97 358	15 964,639	206 830,888	12,956	12,485	75	94	8 460	37,301	108,616	2,912	2,442
26	45	97 190	14 825,242	190 866,249	12,874	12,404	76	95	6 293	25,810	71,315	2,763	2,293
27	46	96 999	13 763,858	176 041,007	12,790	12,320	77	96	4 544	17,339	45,505	2,624	2,154
28	47	96 788	12 775,641	162 277,149	12,702	12,232	78	97	3 179	11,282	28,165	2,497	2,026
29	48	96 560	11 856,341	149 501,509	12,609	12,139	79	98	2 149	7,096	16,884	2,379	1,909
30	49	96 319	11 001,635	137 645,168	12,511	12,041	80	99	1 405	4,314	9,787	2,269	1,798
31	50	96 053	10 205,884	126 643,533	12,409	11,939	81	100	884	2,525	5,473	2,167	1,697
32	51	95 758	9 464,643	116 437,648	12,302	11,832							
33	52	95 448	8 775,833	106 973,005	12,189	11,719							
34	53	95 115	8 135,033	98 197,172	12,071	11,601							
35	54	94 749	7 538,378	90 062,138	11,947	11,477							
36	55	94 365	6 984,052	82 523,760	11,816	11,346							
37	56	93 940	6 467,515	75 539,708	11,680	11,210							
38	57	93 491	5 987,555	69 072,192	11,536	11,066							
39	58	93 005	5 540,864	63 084,638	11,385	10,915							
40	59	92 473	5 124,767	57 543,774	11,229	10,758							
41	60	91 905	4 737,977	52 419,007	11,064	10,593							
42	61	91 267	4 376,810	47 681,030	10,894	10,424							
43	62	90 602	4 041,775	43 304,219	10,714	10,244							
44	63	89 860	3 729,014	39 262,444	10,529	10,059							
45	64	89 071	3 438,385	35 533,430	10,334	9,864							
46	65	88 217	3 167,827	32 095,045	10,132	9,661							
47	66	87 293	2 915,946	28 927,218	9,920	9,450							
48	67	86 307	2 681,891	26 011,272	9,699	9,229							
49	68	85 227	2 463,549	23 329,381	9,470	9,000							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 388 215,999	13,961	13,491	50	70	83 141	2 235,596	20 173,755	9,024	8,554
1	21	99 011	92 103,292	1 288 780,167	13,993	13,522	51	71	81 797	2 045,998	17 938,159	8,767	8,297
2	22	98 954	85 628,473	1 196 676,875	13,975	13,505	52	72	80 318	1 868,844	15 892,161	8,504	8,033
3	23	98 913	79 620,760	1 111 048,402	13,954	13,484	53	73	78 659	1 702,554	14 023,317	8,237	7,766
4	24	98 875	74 037,796	1 031 427,642	13,931	13,461	54	74	76 852	1 547,387	12 320,763	7,962	7,492
5	25	98 838	68 846,789	957 389,846	13,906	13,436	55	75	74 884	1 402,568	10 773,376	7,681	7,211
6	26	98 805	64 021,844	888 543,057	13,879	13,408	56	76	72 711	1 266,844	9 370,808	7,397	6,927
7	27	98 768	59 533,016	824 521,213	13,850	13,380	57	77	70 340	1 140,032	8 103,964	7,109	6,638
8	28	98 733	55 359,900	764 988,197	13,818	13,348	58	78	67 759	1 021,588	6 963,932	6,817	6,346
9	29	98 698	51 479,256	709 628,297	13,785	13,314	59	79	64 926	910,585	5 942,344	6,526	6,056
10	30	98 662	47 870,288	658 149,040	13,749	13,278	60	80	61 888	807,424	5 031,759	6,232	5,762
11	31	98 626	44 514,299	610 278,752	13,710	13,239	61	81	58 576	710,896	4 224,335	5,942	5,472
12	32	98 585	41 391,125	565 764,453	13,669	13,198	62	82	55 051	621,501	3 513,439	5,653	5,183
13	33	98 540	38 486,012	524 373,328	13,625	13,155	63	83	51 282	538,559	2 891,938	5,370	4,899
14	34	98 496	35 784,856	485 887,316	13,578	13,108	64	84	47 321	462,290	2 353,379	5,091	4,620
15	35	98 440	33 269,241	450 102,460	13,529	13,059	65	85	43 190	392,497	1 891,089	4,818	4,348
16	36	98 378	30 928,764	416 833,219	13,477	13,007	66	86	38 891	328,765	1 498,593	4,558	4,088
17	37	98 303	28 748,999	385 904,455	13,423	12,953	67	87	34 546	271,665	1 169,827	4,306	3,836
18	38	98 218	26 720,043	357 155,456	13,367	12,896	68	88	30 034	219,702	898,162	4,088	3,618
19	39	98 105	24 827,395	330 435,413	13,309	12,839	69	89	25 749	175,220	678,461	3,872	3,402
20	40	97 983	23 066,424	305 608,018	13,249	12,779	70	90	21 672	137,183	503,241	3,668	3,198
21	41	97 854	21 429,034	282 541,595	13,185	12,715	71	91	18 025	106,136	366,058	3,449	2,979
22	42	97 718	19 906,189	261 112,560	13,117	12,647	72	92	14 519	79,528	259,922	3,268	2,798
23	43	97 571	18 489,460	241 206,371	13,046	12,575	73	93	11 432	58,253	180,394	3,097	2,626
24	44	97 414	17 171,880	222 716,912	12,970	12,500	74	94	8 777	41,600	122,142	2,936	2,466
25	45	97 248	15 946,586	205 545,032	12,890	12,419	75	95	6 553	28,894	80,541	2,788	2,317
26	46	97 059	14 805,189	189 598,447	12,806	12,336	76	96	4 754	19,501	51,648	2,648	2,178
27	47	96 849	13 742,512	174 793,257	12,719	12,249	77	97	3 345	12,762	32,147	2,519	2,049
28	48	96 620	12 753,470	161 050,745	12,628	12,158	78	98	2 276	8,078	19,385	2,400	1,929
29	49	96 381	11 834,371	148 297,276	12,531	12,061	79	99	1 495	4,937	11,307	2,290	1,820
30	50	96 117	10 978,619	136 462,905	12,430	11,960	80	100	948	2,913	6,369	2,187	1,717
31	51	95 829	10 182,039	125 484,286	12,324	11,854							
32	52	95 519	9 441,069	115 302,247	12,213	11,743							
33	53	95 184	8 751,517	105 861,178	12,096	11,626							
34	54	94 826	8 110,310	97 109,661	11,974	11,503							
35	55	94 447	7 514,360	88 999,352	11,844	11,374							
36	56	94 026	6 958,927	81 484,992	11,709	11,239							
37	57	93 584	6 442,985	74 526,065	11,567	11,097							
38	58	93 106	5 962,848	68 083,080	11,418	10,948							
39	59	92 581	5 515,599	62 120,232	11,263	10,792							
40	60	92 031	5 100,279	56 604,633	11,098	10,628							
41	61	91 403	4 712,071	51 504,353	10,930	10,460							
42	62	90 748	4 351,926	46 792,283	10,752	10,282							
43	63	90 033	4 016,414	42 440,356	10,567	10,096							
44	64	89 261	3 704,147	38 423,942	10,373	9,903							
45	65	88 430	3 413,643	34 719,796	10,171	9,701							
46	66	87 534	3 143,301	31 306,153	9,960	9,489							
47	67	86 575	2 891,978	28 162,853	9,738	9,268							
48	68	85 529	2 657,701	25 270,874	9,509	9,038							
49	69	84 392	2 439,418	22 613,174	9,270	8,800							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 386 430,627	13,946	13,476	50	71	82 148	2 208,884	19 446,262	8,804	8,333
1	22	98 990	92 083,384	1 287 015,774	13,977	13,506	51	72	80 706	2 018,699	17 237,378	8,539	8,069
2	23	98 932	85 608,796	1 194 932,391	13,958	13,488	52	73	79 075	1 839,923	15 218,679	8,271	7,801
3	24	98 890	79 602,650	1 109 323,595	13,936	13,465	53	74	77 296	1 673,040	13 378,756	7,997	7,526
4	25	98 853	74 020,964	1 029 720,945	13,911	13,441	54	75	75 367	1 517,485	11 705,717	7,714	7,244
5	26	98 816	68 831,447	955 699,981	13,885	13,414	55	76	73 216	1 371,317	10 188,231	7,430	6,959
6	27	98 779	64 004,740	886 868,535	13,856	13,386	56	77	70 867	1 234,732	8 816,914	7,141	6,670
7	28	98 743	59 517,649	822 863,795	13,826	13,355	57	78	68 303	1 107,024	7 582,182	6,849	6,379
8	29	98 708	55 345,521	763 346,146	13,792	13,322	58	79	65 505	987,612	6 475,158	6,556	6,086
9	30	98 671	51 464,978	708 000,624	13,757	13,287	59	80	62 488	876,392	5 487,547	6,262	5,791
10	31	98 635	47 857,151	656 535,646	13,719	13,248	60	81	59 204	772,403	4 611,155	5,970	5,500
11	32	98 594	44 499,786	608 678,496	13,678	13,208	61	82	55 677	675,710	3 838,751	5,681	5,211
12	33	98 550	41 376,790	564 178,709	13,635	13,165	62	83	51 921	586,158	3 163,042	5,396	4,926
13	34	98 504	38 472,088	522 801,920	13,589	13,119	63	84	47 951	503,575	2 576,884	5,117	4,647
14	35	98 456	35 770,333	484 329,832	13,540	13,070	64	85	43 820	428,087	2 073,309	4,843	4,373
15	36	98 398	33 255,063	448 559,498	13,488	13,018	65	86	39 506	359,018	1 645,222	4,583	4,112
16	37	98 332	30 914,341	415 304,435	13,434	12,964	66	87	35 132	296,991	1 286,204	4,331	3,861
17	38	98 251	28 733,857	384 390,094	13,378	12,907	67	88	30 585	240,515	989,213	4,113	3,643
18	39	98 160	26 704,290	355 656,236	13,318	12,848	68	89	26 266	192,137	748,698	3,897	3,426
19	40	98 036	24 809,934	328 951,947	13,259	12,789	69	90	22 150	150,730	556,560	3,692	3,222
20	41	97 913	23 049,982	304 142,012	13,195	12,725	70	91	18 460	116,853	405,831	3,473	3,003
21	42	97 773	21 411,227	281 092,030	13,128	12,658	71	92	14 904	87,759	288,978	3,293	2,823
22	43	97 626	19 887,359	259 680,803	13,058	12,587	72	93	11 775	64,498	201,219	3,120	2,649
23	44	97 468	18 469,943	239 793,444	12,983	12,513	73	94	9 067	46,201	136,721	2,959	2,489
24	45	97 304	17 152,461	221 323,501	12,903	12,433	74	95	6 798	32,224	90,519	2,809	2,339
25	46	97 116	15 925,017	204 171,040	12,821	12,350	75	96	4 951	21,831	58,295	2,670	2,200
26	47	96 908	14 782,228	188 246,023	12,735	12,264	76	97	3 499	14,353	36,465	2,541	2,070
27	48	96 681	13 718,663	173 463,795	12,644	12,174	77	98	2 395	9,138	22,112	2,420	1,949
28	49	96 441	12 729,838	159 745,133	12,549	12,079	78	99	1 583	5,620	12,974	2,308	1,838
29	50	96 179	11 809,613	147 015,295	12,449	11,979	79	100	1 010	3,333	7,354	2,206	1,736
30	51	95 893	10 952,968	135 205,682	12,344	11,874							
31	52	95 590	10 156,678	124 252,714	12,234	11,763							
32	53	95 255	9 414,909	114 096,037	12,119	11,648							
33	54	94 894	8 724,919	104 681,127	11,998	11,528							
34	55	94 523	8 084,469	95 956,208	11,869	11,399							
35	56	94 107	7 487,327	87 871,739	11,736	11,266							
36	57	93 669	6 932,532	80 384,412	11,595	11,125							
37	58	93 198	6 416,399	73 451,880	11,448	10,977							
38	59	92 681	5 935,660	67 035,481	11,294	10,823							
39	60	92 139	5 489,244	61 099,821	11,131	10,661							
40	61	91 527	5 072,392	55 610,577	10,963	10,493							
41	62	90 883	4 685,280	50 538,186	10,787	10,316							
42	63	90 179	4 324,619	45 852,905	10,603	10,132							
43	64	89 433	3 989,630	41 528,286	10,409	9,939							
44	65	88 618	3 677,492	37 538,656	10,208	9,737							
45	66	87 745	3 387,213	33 861,164	9,997	9,526							
46	67	86 814	3 117,463	30 473,951	9,775	9,305							
47	68	85 794	2 865,894	27 356,488	9,546	9,075							
48	69	84 691	2 631,668	24 490,594	9,306	8,836							
49	70	83 466	2 412,664	21 858,926	9,060	8,590							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 384 522,600	13,930	13,459	50	72	81 052	2 179,411	18 682,852	8,572	8,102
1	23	98 967	92 062,223	1 285 129,236	13,959	13,489	51	73	79 457	1 987,459	16 503,440	8,304	7,834
2	24	98 909	85 589,323	1 193 067,012	13,939	13,469	52	74	77 704	1 808,027	14 515,981	8,029	7,558
3	25	98 868	79 584,552	1 107 477,689	13,916	13,445	53	75	75 802	1 640,710	12 707,954	7,745	7,275
4	26	98 831	74 004,469	1 027 893,137	13,890	13,419	54	76	73 688	1 483,674	11 067,244	7,459	6,989
5	27	98 790	68 813,058	953 888,668	13,862	13,392	55	77	71 360	1 336,558	9 583,571	7,170	6,700
6	28	98 753	63 988,218	885 075,610	13,832	13,362	56	78	68 816	1 198,982	8 247,013	6,878	6,408
7	29	98 717	59 502,190	821 087,392	13,799	13,329	57	79	66 031	1 070,206	7 048,031	6,586	6,115
8	30	98 680	55 330,171	761 585,202	13,764	13,294	58	80	63 046	950,526	5 977,825	6,289	5,819
9	31	98 644	51 450,854	706 255,031	13,727	13,257	59	81	59 778	838,380	5 027,299	5,996	5,526
10	32	98 603	47 841,548	654 804,177	13,687	13,217	60	82	56 274	734,173	4 188,919	5,706	5,235
11	33	98 560	44 484,374	606 962,629	13,644	13,174	61	83	52 511	637,284	3 454,747	5,421	4,951
12	34	98 515	41 361,820	562 478,255	13,599	13,129	62	84	48 548	548,081	2 817,463	5,141	4,670
13	35	98 464	38 456,475	521 116,435	13,551	13,081	63	85	44 403	466,318	2 269,382	4,867	4,396
14	36	98 414	35 755,090	482 659,960	13,499	13,029	64	86	40 082	391,573	1 803,064	4,605	4,134
15	37	98 352	33 239,556	446 904,870	13,445	12,975	65	87	35 688	324,320	1 411,491	4,352	3,882
16	38	98 280	30 898,059	413 665,314	13,388	12,918	66	88	31 104	262,937	1 087,171	4,135	3,664
17	39	98 193	28 716,917	382 767,256	13,329	12,859	67	89	26 748	210,340	824,234	3,919	3,448
18	40	98 091	26 685,510	354 050,339	13,268	12,797	68	90	22 595	165,283	613,894	3,714	3,244
19	41	97 966	24 792,250	327 364,830	13,204	12,734	69	91	18 868	128,392	448,612	3,494	3,024
20	42	97 832	23 030,828	302 572,579	13,138	12,667	70	92	15 264	96,620	320,220	3,314	2,844
21	43	97 681	21 390,973	279 541,752	13,068	12,598	71	93	12 087	71,174	223,599	3,142	2,671
22	44	97 522	19 866,367	258 150,778	12,994	12,524	72	94	9 339	51,155	152,425	2,980	2,509
23	45	97 357	18 449,057	238 284,411	12,916	12,446	73	95	7 024	35,788	101,270	2,830	2,359
24	46	97 172	17 129,261	219 835,355	12,834	12,364	74	96	5 137	24,347	65,483	2,690	2,219
25	47	96 966	15 900,318	202 706,093	12,749	12,278	75	97	3 644	16,068	41,136	2,560	2,090
26	48	96 740	14 756,575	186 805,775	12,659	12,189	76	98	2 506	10,277	25,068	2,439	1,969
27	49	96 502	13 693,242	172 049,200	12,565	12,094	77	99	1 666	6,358	14,791	2,326	1,856
28	50	96 239	12 703,206	158 355,958	12,466	11,996	78	100	1 069	3,794	8,433	2,223	1,752
29	51	95 954	11 782,020	145 652,752	12,362	11,892							
30	52	95 654	10 925,686	133 870,731	12,253	11,783							
31	53	95 325	10 128,535	122 945,045	12,138	11,668							
32	54	94 965	9 386,296	112 816,510	12,019	11,549							
33	55	94 592	8 697,120	103 430,214	11,892	11,422							
34	56	94 183	8 055,385	94 733,094	11,760	11,290							
35	57	93 750	7 458,928	86 677,709	11,621	11,150							
36	58	93 283	6 903,927	79 218,781	11,474	11,004							
37	59	92 773	6 387,143	72 314,854	11,322	10,852							
38	60	92 238	5 907,297	65 927,712	11,160	10,690							
39	61	91 635	5 459,229	60 020,414	10,994	10,524							
40	62	91 007	5 043,553	54 561,185	10,818	10,348							
41	63	90 313	4 655,881	49 517,633	10,636	10,165							
42	64	89 577	4 295,780	44 861,751	10,443	9,973							
43	65	88 789	3 960,921	40 565,972	10,242	9,771							
44	66	87 932	3 649,019	36 605,050	10,031	9,561							
45	67	87 024	3 359,371	32 956,031	9,810	9,340							
46	68	86 031	3 089,345	29 596,660	9,580	9,110							
47	69	84 954	2 837,822	26 507,315	9,341	8,870							
48	70	83 762	2 602,805	23 669,493	9,094	8,624							
49	71	82 469	2 383,837	21 066,688	8,837	8,367							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 382 483,270	13,912	13,442	50	73	79 797	2 145,685	17 883,905	8,335	7,865
1	24	98 944	92 041,283	1 283 112,745	13,941	13,470	51	74	78 079	1 953,006	15 738,220	8,058	7,588
2	25	98 887	85 569,864	1 191 071,462	13,919	13,449	52	75	76 203	1 773,089	13 785,215	7,775	7,304
3	26	98 846	79 566,817	1 105 501,597	13,894	13,424	53	76	74 113	1 604,153	12 012,126	7,488	7,018
4	27	98 804	73 984,698	1 025 934,780	13,867	13,397	54	77	71 820	1 446,066	10 407,973	7,197	6,727
5	28	98 765	68 795,295	951 950,082	13,837	13,367	55	78	69 294	1 297,859	8 961,907	6,905	6,435
6	29	98 727	63 971,599	883 154,787	13,805	13,335	56	79	66 527	1 159,106	7 664,048	6,612	6,142
7	30	98 690	59 485,687	819 183,189	13,771	13,301	57	80	63 552	1 030,019	6 504,943	6,315	5,845
8	31	98 653	55 314,986	759 697,502	13,734	13,264	58	81	60 311	909,299	5 474,924	6,021	5,551
9	32	98 611	51 434,080	704 382,517	13,695	13,225	59	82	56 819	796,884	4 565,625	5,729	5,259
10	33	98 569	47 824,978	652 948,437	13,653	13,183	60	83	53 074	692,422	3 768,741	5,443	4,973
11	34	98 524	44 468,280	605 123,459	13,608	13,138	61	84	49 100	595,886	3 076,319	5,163	4,692
12	35	98 475	41 345,034	560 655,179	13,560	13,090	62	85	44 956	507,531	2 480,433	4,887	4,417
13	36	98 423	38 440,087	519 310,144	13,510	13,039	63	86	40 616	426,543	1 972,902	4,625	4,155
14	37	98 368	35 738,417	480 870,057	13,455	12,985	64	87	36 209	353,728	1 546,359	4,372	3,901
15	38	98 300	33 222,049	445 131,641	13,399	12,928	65	88	31 596	287,133	1 192,631	4,154	3,683
16	39	98 222	30 879,842	411 909,592	13,339	12,869	66	89	27 201	229,949	905,498	3,938	3,468
17	40	98 124	28 696,721	381 029,750	13,278	12,808	67	90	23 009	180,941	675,550	3,734	3,263
18	41	98 021	26 666,488	352 333,029	13,213	12,742	68	91	19 246	140,788	494,609	3,513	3,043
19	42	97 885	24 771,648	325 666,541	13,147	12,676	69	92	15 601	106,162	353,821	3,333	2,863
20	43	97 739	23 009,042	300 894,892	13,077	12,607	70	93	12 379	78,361	247,659	3,160	2,690
21	44	97 577	21 368,394	277 885,850	13,005	12,534	71	94	9 587	56,449	169,298	2,999	2,529
22	45	97 412	19 843,901	256 517,456	12,927	12,456	72	95	7 234	39,625	112,849	2,848	2,378
23	46	97 226	18 424,103	236 673,555	12,846	12,376	73	96	5 307	27,040	73,224	2,708	2,238
24	47	97 021	17 102,695	218 249,451	12,761	12,291	74	97	3 781	17,919	46,184	2,577	2,107
25	48	96 797	15 872,725	201 146,756	12,672	12,202	75	98	2 609	11,505	28,265	2,457	1,986
26	49	96 561	14 729,231	185 274,031	12,579	12,108	76	99	1 743	7,150	16,760	2,344	1,874
27	50	96 300	13 664,595	170 544,800	12,481	12,010	77	100	1 125	4,292	9,609	2,239	1,769
28	51	96 014	12 673,526	156 880,205	12,379	11,908							
29	52	95 715	11 752,674	144 206,679	12,270	11,800							
30	53	95 389	10 895,413	132 454,005	12,157	11,687							
31	54	95 036	10 097,753	121 558,593	12,038	11,568							
32	55	94 663	9 356,389	111 460,840	11,913	11,443							
33	56	94 252	8 665,832	102 104,451	11,782	11,312							
34	57	93 826	8 024,832	93 438,618	11,644	11,173							
35	58	93 363	7 428,151	85 413,787	11,499	11,028							
36	59	92 857	6 872,447	77 985,636	11,348	10,877							
37	60	92 329	6 356,623	71 113,189	11,187	10,717							
38	61	91 734	5 874,997	64 756,566	11,022	10,552							
39	62	91 114	5 428,191	58 881,569	10,847	10,377							
40	63	90 436	5 011,905	53 453,378	10,665	10,195							
41	64	89 710	4 624,833	48 441,473	10,474	10,004							
42	65	88 933	4 264,868	43 816,640	10,274	9,804							
43	66	88 102	3 930,254	39 551,772	10,063	9,593							
44	67	87 210	3 619,025	35 621,518	9,843	9,373							
45	68	86 239	3 329,071	32 002,493	9,613	9,143							
46	69	85 188	3 059,084	28 673,422	9,373	8,903							
47	70	84 022	2 806,697	25 614,338	9,126	8,656							
48	71	82 761	2 571,706	22 807,640	8,869	8,398							
49	72	81 369	2 352,029	20 235,934	8,604	8,133							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 380 304,257	13,894	13,423	50	74	78 414	2 108,488	17 051,460	8,087	7,617
1	25	98 922	92 020,357	1 280 956,335	13,920	13,450	51	75	76 570	1 915,266	14 942,971	7,802	7,332
2	26	98 865	85 550,796	1 188 935,977	13,897	13,427	52	76	74 505	1 733,582	13 027,706	7,515	7,045
3	27	98 819	79 545,561	1 103 385,182	13,871	13,401	53	77	72 234	1 563,491	11 294,124	7,224	6,753
4	28	98 779	73 965,600	1 023 839,621	13,842	13,372	54	78	69 740	1 404,196	9 730,632	6,930	6,459
5	29	98 739	68 777,426	949 874,021	13,811	13,341	55	79	66 989	1 254,694	8 326,436	6,636	6,166
6	30	98 700	63 953,855	881 096,595	13,777	13,307	56	80	64 029	1 115,581	7 071,742	6,339	5,869
7	31	98 663	59 469,361	817 142,740	13,741	13,270	57	81	60 795	985,344	5 956,161	6,045	5,574
8	32	98 621	55 296,952	757 673,378	13,702	13,232	58	82	57 326	864,292	4 970,817	5,751	5,281
9	33	98 577	51 416,266	702 376,427	13,661	13,190	59	83	53 588	751,567	4 106,525	5,464	4,994
10	34	98 533	47 807,676	650 960,161	13,616	13,146	60	84	49 626	647,443	3 354,958	5,182	4,712
11	35	98 484	44 450,234	603 152,485	13,569	13,099	61	85	45 467	551,799	2 707,516	4,907	4,436
12	36	98 433	41 327,415	558 702,251	13,519	13,049	62	86	41 121	464,241	2 155,716	4,644	4,173
13	37	98 377	38 422,162	517 374,836	13,466	12,995	63	87	36 690	385,318	1 691,475	4,390	3,920
14	38	98 316	35 719,593	478 952,675	13,409	12,938	64	88	32 057	313,169	1 306,157	4,171	3,700
15	39	98 242	33 202,462	443 233,082	13,349	12,879	65	89	27 632	251,109	992,988	3,954	3,484
16	40	98 153	30 858,125	410 030,619	13,288	12,817	66	90	23 399	197,809	741,880	3,750	3,280
17	41	98 054	28 676,266	379 172,494	13,223	12,752	67	91	19 599	154,126	544,071	3,530	3,060
18	42	97 939	26 644,329	350 496,228	13,155	12,684	68	92	15 914	116,412	389,945	3,350	2,879
19	43	97 792	24 748,216	323 851,899	13,086	12,616	69	93	12 653	86,099	273,533	3,177	2,707
20	44	97 636	22 984,755	299 103,683	13,013	12,543	70	94	9 818	62,149	187,434	3,016	2,546
21	45	97 467	21 344,230	276 118,928	12,936	12,466	71	95	7 426	43,726	125,285	2,865	2,395
22	46	97 280	19 817,061	254 774,698	12,856	12,386	72	96	5 466	29,939	81,559	2,724	2,254
23	47	97 075	18 395,529	234 957,637	12,773	12,302	73	97	3 906	19,901	51,620	2,594	2,124
24	48	96 853	17 073,015	216 562,108	12,684	12,214	74	98	2 707	12,831	31,719	2,472	2,002
25	49	96 618	15 843,313	199 489,092	12,591	12,121	75	99	1 815	8,004	18,888	2,360	1,889
26	50	96 359	14 698,417	183 645,779	12,494	12,024	76	100	1 177	4,827	10,883	2,255	1,784
27	51	96 075	13 632,668	168 947,363	12,393	11,923							
28	52	95 775	12 641,958	155 314,694	12,286	11,815							
29	53	95 450	11 720,109	142 672,736	12,173	11,703							
30	54	95 099	10 862,300	130 952,627	12,056	11,585							
31	55	94 733	10 065,580	120 090,327	11,931	11,461							
32	56	94 322	9 322,730	110 024,747	11,802	11,331							
33	57	93 894	8 632,964	100 702,018	11,665	11,195							
34	58	93 439	7 991,719	92 069,054	11,521	11,050							
35	59	92 938	7 394,281	84 077,335	11,371	10,900							
36	60	92 414	6 839,608	76 683,055	11,212	10,741							
37	61	91 824	6 321,865	69 843,446	11,048	10,578							
38	62	91 212	5 841,595	63 521,581	10,874	10,404							
39	63	90 542	5 394,130	57 679,986	10,693	10,223							
40	64	89 833	4 978,483	52 285,856	10,502	10,032							
41	65	89 065	4 591,553	47 307,373	10,303	9,833							
42	66	88 244	4 231,848	42 715,820	10,094	9,624							
43	67	87 378	3 897,948	38 483,972	9,873	9,403							
44	68	86 423	3 586,383	34 586,024	9,644	9,173							
45	69	85 394	3 296,462	30 999,641	9,404	8,934							
46	70	84 254	3 025,533	27 703,179	9,156	8,686							
47	71	83 018	2 773,162	24 677,645	8,899	8,428							
48	72	81 657	2 537,392	21 904,483	8,633	8,162							
49	73	80 110	2 315,631	19 367,091	8,364	7,893							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 377 974,854	13,873	13,403	50	75	76 899	2 067,744	16 186,884	7,828	7,358
1	26	98 900	91 999,851	1 278 649,519	13,898	13,428	51	76	74 864	1 872,591	14 119,140	7,540	7,070
2	27	98 838	85 527,940	1 186 649,668	13,874	13,404	52	77	72 616	1 689,640	12 246,549	7,248	6,778
3	28	98 794	79 525,027	1 101 121,727	13,846	13,376	53	78	70 143	1 518,222	10 556,909	6,953	6,483
4	29	98 753	73 946,388	1 021 596,700	13,815	13,345	54	79	67 421	1 357,495	9 038,687	6,658	6,188
5	30	98 712	68 758,350	947 650,312	13,782	13,312	55	80	64 474	1 207,580	7 681,192	6,361	5,891
6	31	98 673	63 936,304	878 891,961	13,746	13,276	56	81	61 252	1 067,194	6 473,612	6,066	5,596
7	32	98 630	59 449,973	814 955,658	13,708	13,238	57	82	57 786	936,574	5 406,418	5,773	5,302
8	33	98 587	55 277,800	755 505,685	13,667	13,197	58	83	54 066	815,142	4 469,844	5,484	5,013
9	34	98 542	51 397,664	700 227,885	13,624	13,153	59	84	50 107	702,745	3 654,702	5,201	4,730
10	35	98 493	47 788,274	648 830,221	13,577	13,107	60	85	45 954	599,541	2 951,957	4,924	4,453
11	36	98 442	44 431,291	601 041,947	13,527	13,057	61	86	41 589	504,733	2 352,416	4,661	4,190
12	37	98 387	41 308,143	556 610,656	13,475	13,004	62	87	37 147	419,373	1 847,682	4,406	3,936
13	38	98 325	38 401,925	515 302,512	13,419	12,948	63	88	32 483	341,137	1 428,310	4,187	3,717
14	39	98 258	35 698,534	476 900,588	13,359	12,889	64	89	28 035	273,878	1 087,173	3,970	3,499
15	40	98 173	33 179,112	441 202,054	13,298	12,827	65	90	23 770	216,011	813,295	3,765	3,295
16	41	98 083	30 836,130	408 022,942	13,232	12,762	66	91	19 932	168,494	597,283	3,545	3,075
17	42	97 973	28 652,437	377 186,812	13,164	12,694	67	92	16 206	127,440	428,789	3,365	2,894
18	43	97 847	26 619,125	348 534,375	13,093	12,623	68	93	12 906	94,412	301,349	3,192	2,722
19	44	97 689	24 722,093	321 915,250	13,021	12,551	69	94	10 035	68,287	206,937	3,030	2,560
20	45	97 525	22 958,763	297 193,157	12,945	12,474	70	95	7 605	48,141	138,651	2,880	2,410
21	46	97 335	21 315,361	274 234,394	12,866	12,395	71	96	5 611	33,037	90,509	2,740	2,269
22	47	97 130	19 786,327	252 919,033	12,783	12,312	72	97	4 023	22,035	57,472	2,608	2,138
23	48	96 906	18 363,605	233 132,706	12,695	12,225	73	98	2 797	14,250	35,437	2,487	2,016
24	49	96 674	17 041,380	214 769,101	12,603	12,133	74	99	1 883	8,927	21,186	2,373	1,903
25	50	96 416	15 810,168	197 727,722	12,506	12,036	75	100	1 226	5,404	12,260	2,269	1,798
26	51	96 133	14 664,074	181 917,554	12,406	11,935							
27	52	95 835	13 598,712	167 253,480	12,299	11,829							
28	53	95 509	12 606,930	153 654,767	12,188	11,718							
29	54	95 160	11 684,489	141 047,838	12,071	11,601							
30	55	94 796	10 827,691	129 363,348	11,947	11,477							
31	56	94 392	10 029,368	118 535,657	11,819	11,349							
32	57	93 964	9 287,369	108 506,289	11,683	11,213							
33	58	93 507	8 597,342	99 218,919	11,541	11,070							
34	59	93 013	7 955,279	90 621,578	11,391	10,921							
35	60	92 494	7 358,948	82 666,298	11,233	10,763							
36	61	91 908	6 802,210	75 307,350	11,071	10,601							
37	62	91 302	6 285,923	68 505,140	10,898	10,428							
38	63	90 640	5 804,940	62 219,217	10,718	10,248							
39	64	89 939	5 358,159	56 414,277	10,529	10,058							
40	65	89 187	4 942,659	51 056,118	10,330	9,859							
41	66	88 375	4 556,004	46 113,460	10,121	9,651							
42	67	87 519	4 197,063	41 557,456	9,902	9,431							
43	68	86 589	3 862,790	37 360,394	9,672	9,202							
44	69	85 576	3 551,254	33 497,603	9,433	8,962							
45	70	84 458	3 260,307	29 946,349	9,185	8,715							
46	71	83 247	2 989,384	26 686,042	8,927	8,457							
47	72	81 910	2 736,160	23 696,658	8,661	8,190							
48	73	80 393	2 498,125	20 960,498	8,390	7,920							
49	74	78 721	2 275,489	18 462,372	8,114	7,643							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	2 506,016	28 648,515	11,432	10,962
1	0	99 594	92 645,404	1 307 834,321	14,117	13,646	51	50	92 606	2 316,363	26 142,500	11,286	10,816
2	1	99 240	85 875,445	1 215 188,918	14,151	13,680	52	51	91 946	2 139,401	23 826,137	11,137	10,667
3	2	99 192	79 846,050	1 129 313,472	14,144	13,673	53	52	91 234	1 974,742	21 686,736	10,982	10,512
4	3	99 162	74 252,208	1 049 467,423	14,134	13,664	54	53	90 460	1 821,369	19 711,995	10,823	10,352
5	4	99 133	69 051,966	975 215,215	14,123	13,653	55	54	89 607	1 678,323	17 890,625	10,660	10,190
6	5	99 110	64 219,257	906 163,249	14,110	13,640	56	55	88 705	1 545,521	16 212,302	10,490	10,020
7	6	99 090	59 727,143	841 943,992	14,097	13,626	57	56	87 728	1 421,851	14 666,781	10,315	9,845
8	7	99 073	55 550,305	782 216,849	14,081	13,611	58	57	86 699	1 307,141	13 244,931	10,133	9,662
9	8	99 055	51 665,418	726 666,544	14,065	13,595	59	58	85 578	1 200,220	11 937,790	9,946	9,476
10	9	99 040	48 053,743	675 001,127	14,047	13,577	60	59	84 370	1 100,727	10 737,570	9,755	9,285
11	10	99 025	44 694,322	626 947,384	14,027	13,557	61	60	83 076	1 008,234	9 636,844	9,558	9,088
12	11	99 008	41 568,722	582 253,062	14,007	13,537	62	61	81 693	922,278	8 628,610	9,356	8,885
13	12	98 989	38 661,464	540 684,340	13,985	13,515	63	62	80 230	842,567	7 706,332	9,146	8,676
14	13	98 973	35 958,247	502 022,876	13,961	13,491	64	63	78 680	768,636	6 863,765	8,930	8,460
15	14	98 947	33 440,726	466 064,629	13,937	13,467	65	64	77 032	700,034	6 095,128	8,707	8,237
16	15	98 915	31 097,589	432 623,903	13,912	13,442	66	65	75 285	636,432	5 395,094	8,477	8,007
17	16	98 872	28 915,491	401 526,314	13,886	13,416	67	66	73 457	577,653	4 758,662	8,238	7,768
18	17	98 823	26 884,624	372 610,823	13,860	13,389	68	67	71 540	523,327	4 181,009	7,989	7,519
19	18	98 750	24 990,667	345 726,199	13,834	13,364	69	68	69 501	472,944	3 657,682	7,734	7,264
20	19	98 675	23 229,380	320 735,532	13,807	13,337	70	69	67 333	426,222	3 184,738	7,472	7,002
21	20	98 595	21 591,172	297 506,152	13,779	13,309	71	70	65 024	382,887	2 758,516	7,205	6,734
22	21	98 518	20 069,250	275 914,980	13,748	13,278	72	71	62 587	342,827	2 375,629	6,930	6,459
23	22	98 442	18 654,532	255 845,730	13,715	13,245	73	72	59 955	305,500	2 032,803	6,654	6,184
24	23	98 365	17 339,511	237 191,198	13,679	13,209	74	73	57 135	270,818	1 727,303	6,378	5,908
25	24	98 286	16 116,818	219 851,687	13,641	13,171	75	74	54 118	238,621	1 456,485	6,104	5,633
26	25	98 205	14 980,097	203 734,869	13,600	13,130	76	75	50 964	209,038	1 217,863	5,826	5,356
27	26	98 123	13 923,360	188 754,772	13,557	13,086	77	76	47 628	181,725	1 008,826	5,551	5,081
28	27	98 035	12 940,307	174 831,412	13,511	13,040	78	77	44 114	156,573	827,101	5,283	4,812
29	28	97 949	12 026,930	161 891,105	13,461	12,990	79	78	40 454	133,564	670,528	5,020	4,550
30	29	97 861	11 177,740	149 864,175	13,407	12,937	80	79	36 739	112,836	536,964	4,759	4,289
31	30	97 768	10 388,109	138 686,435	13,350	12,880	81	80	32 958	94,163	424,128	4,504	4,034
32	31	97 669	9 653,544	128 298,326	13,290	12,820	82	81	29 168	77,521	329,966	4,256	3,786
33	32	97 564	8 970,411	118 644,782	13,226	12,756	83	82	25 442	62,899	252,445	4,013	3,543
34	33	97 460	8 335,620	109 674,371	13,157	12,687	84	83	21 828	50,201	189,546	3,776	3,305
35	34	97 346	7 744,997	101 338,750	13,084	12,614	85	84	18 364	39,286	139,345	3,547	3,077
36	35	97 222	7 195,492	93 593,753	13,007	12,537	86	85	15 087	30,024	100,059	3,333	2,862
37	36	97 092	6 684,525	86 398,261	12,925	12,455	87	86	12 066	22,338	70,035	3,135	2,665
38	37	96 951	6 209,125	79 713,736	12,838	12,368	88	87	9 354	16,108	47,698	2,961	2,491
39	38	96 796	5 766,672	73 504,611	12,746	12,276	89	88	7 032	11,265	31,590	2,804	2,334
40	39	96 625	5 354,890	67 737,939	12,650	12,179	90	89	5 139	7,658	20,325	2,654	2,184
41	40	96 425	4 971,004	62 383,049	12,549	12,079	91	90	3 670	5,087	12,667	2,490	2,020
42	41	96 213	4 614,029	57 412,045	12,443	11,973	92	91	2 519	3,248	7,579	2,333	1,863
43	42	95 978	4 281,638	52 798,016	12,331	11,861	93	92	1 630	1,956	4,331	2,215	1,744
44	43	95 703	3 971,499	48 516,378	12,216	11,746	94	93	1 013	1,130	2,375	2,102	1,632
45	44	95 399	3 682,664	44 544,878	12,096	11,626	95	94	600	0,623	1,246	2,000	1,530
46	45	95 061	3 413,612	40 862,214	11,970	11,500	96	95	338	0,327	0,623	1,907	1,436
47	46	94 671	3 162,423	37 448,602	11,842	11,371	97	96	181	0,163	0,296	1,822	1,351
48	47	94 232	2 928,141	34 286,179	11,709	11,239	98	97	92	0,077	0,134	1,744	1,274
49	48	93 736	2 709,523	31 358,038	11,573	11,103	99	98	44	0,034	0,057	1,674	1,204
							100	99	20	0,014	0,023	1,610	1,140

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	2 510,668	28 818,063	11,478	11,008
1							51	49	92 800	2 321,219	26 307,395	11,333	10,863
2	0	99 558	86 151,096	1 215 841,382	14,113	13,643	52	50	92 161	2 144,411	23 986,176	11,185	10,715
3	1	99 221	79 868,759	1 129 690,286	14,144	13,674	53	51	91 462	1 979,673	21 841,766	11,033	10,563
4	2	99 178	74 264,180	1 049 821,527	14,136	13,666	54	52	90 711	1 826,430	19 862,093	10,875	10,405
5	3	99 147	69 061,868	975 557,347	14,126	13,656	55	53	89 880	1 683,440	18 035,663	10,714	10,243
6	4	99 122	64 226,955	906 495,478	14,114	13,644	56	54	88 989	1 550,461	16 352,223	10,547	10,076
7	5	99 099	59 732,546	842 268,524	14,101	13,630	57	55	88 044	1 426,984	14 801,762	10,373	9,902
8	6	99 081	55 554,759	782 535,978	14,086	13,616	58	56	87 029	1 312,118	13 374,778	10,193	9,723
9	7	99 063	51 669,734	726 981,219	14,070	13,599	59	57	85 932	1 205,193	12 062,661	10,009	9,539
10	8	99 046	48 056,728	675 311,484	14,052	13,582	60	58	84 756	1 105,768	10 857,468	9,819	9,349
11	9	99 031	44 697,159	627 254,757	14,033	13,563	61	59	83 475	1 013,075	9 751,699	9,626	9,156
12	10	99 016	41 572,071	582 557,597	14,013	13,543	62	60	82 142	927,348	8 738,625	9,423	8,953
13	11	98 997	38 664,535	540 985,527	13,992	13,521	63	61	80 689	847,385	7 811,276	9,218	8,748
14	12	98 981	35 961,004	502 320,992	13,968	13,498	64	62	79 176	773,490	6 963,891	9,003	8,533
15	13	98 957	33 444,016	466 359,988	13,944	13,474	65	63	77 549	704,734	6 190,402	8,784	8,314
16	14	98 927	31 101,439	432 915,972	13,919	13,449	66	64	75 831	641,045	5 485,668	8,557	8,087
17	15	98 886	28 919,411	401 814,533	13,894	13,424	67	65	74 030	582,160	4 844,623	8,322	7,852
18	16	98 839	26 888,947	372 895,122	13,868	13,398	68	66	72 133	527,664	4 262,462	8,078	7,608
19	17	98 768	24 995,055	346 006,175	13,843	13,373	69	67	70 134	477,249	3 734,798	7,826	7,355
20	18	98 697	23 234,455	321 011,120	13,816	13,346	70	68	67 999	430,438	3 257,549	7,568	7,098
21	19	98 616	21 595,816	297 776,665	13,789	13,318	71	69	65 745	387,133	2 827,111	7,303	6,832
22	20	98 539	20 073,485	276 180,848	13,758	13,288	72	70	63 344	346,972	2 439,979	7,032	6,562
23	21	98 463	18 658,565	256 107,363	13,726	13,256	73	71	60 766	309,631	2 093,006	6,760	6,289
24	22	98 387	17 343,496	237 448,798	13,691	13,221	74	72	58 033	275,075	1 783,375	6,483	6,013
25	23	98 308	16 120,485	220 105,302	13,654	13,183	75	73	55 073	242,831	1 508,300	6,211	5,741
26	24	98 228	14 983,503	203 984,817	13,614	13,144	76	74	51 969	213,157	1 265,469	5,937	5,467
27	25	98 145	13 926,463	189 001,314	13,571	13,101	77	75	48 714	185,866	1 052,313	5,662	5,191
28	26	98 061	12 943,765	175 074,850	13,526	13,056	78	76	45 261	160,645	866,447	5,394	4,923
29	27	97 974	12 030,035	162 131,085	13,477	13,007	79	77	41 660	137,546	705,802	5,131	4,661
30	28	97 886	11 180,644	150 101,050	13,425	12,955	80	78	38 003	116,718	568,255	4,869	4,398
31	29	97 796	10 390,991	138 920,405	13,369	12,899	81	79	34 244	97,836	451,537	4,615	4,145
32	30	97 696	9 656,194	128 529,415	13,311	12,840	82	80	30 491	81,035	353,701	4,365	3,894
33	31	97 596	8 973,337	118 873,221	13,247	12,777	83	81	26 767	66,174	272,665	4,120	3,650
34	32	97 494	8 338,508	109 899,884	13,180	12,710	84	82	23 144	53,228	206,491	3,879	3,409
35	33	97 381	7 747,800	101 561,375	13,108	12,638	85	83	19 639	42,015	153,264	3,648	3,178
36	34	97 262	7 198,413	93 813,575	13,033	12,562	86	84	16 292	32,423	111,248	3,431	2,961
37	35	97 133	6 687,375	86 615,162	12,952	12,482	87	85	13 191	24,421	78,825	3,228	2,758
38	36	96 996	6 212,021	79 927,787	12,867	12,396	88	86	10 354	17,831	54,405	3,051	2,581
39	37	96 847	5 769,711	73 715,766	12,776	12,306	89	87	7 943	12,724	36,574	2,874	2,404
40	38	96 682	5 358,049	67 946,054	12,681	12,211	90	88	5 876	8,757	23,850	2,724	2,253
41	39	96 493	4 974,502	62 588,005	12,582	12,111	91	89	4 266	5,914	15,093	2,552	2,082
42	40	96 282	4 617,321	57 613,503	12,478	12,007	92	90	2 957	3,813	9,179	2,407	1,937
43	41	96 058	4 285,199	52 996,182	12,367	11,897	93	91	1 972	2,365	5,366	2,269	1,798
44	42	95 794	3 975,260	48 710,983	12,254	11,783	94	92	1 249	1,393	3,000	2,154	1,683
45	43	95 500	3 686,556	44 735,724	12,135	11,665	95	93	756	0,785	1,607	2,047	1,577
46	44	95 169	3 417,477	41 049,168	12,012	11,541	96	94	437	0,422	0,822	1,949	1,479
47	45	94 799	3 166,706	37 631,692	11,884	11,413	97	95	240	0,215	0,400	1,861	1,391
48	46	94 378	2 932,689	34 464,985	11,752	11,282	98	96	125	0,104	0,185	1,780	1,310
49	47	93 899	2 714,233	31 532,296	11,617	11,147	99	97	61	0,048	0,081	1,707	1,236
							100	98	28	0,020	0,034	1,640	1,169

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	2 515,033	28 974,326	11,520	11,050
1							51	48	92 972	2 325,528	26 459,294	11,378	10,907
2							52	49	92 354	2 148,907	24 133,766	11,231	10,760
3	0	99 539	80 125,129	1 130 291,208	14,107	13,636	53	50	91 676	1 984,309	21 984,859	11,079	10,609
4	1	99 206	74 285,302	1 050 166,079	14,137	13,667	54	51	90 938	1 830,990	20 000,550	10,923	10,453
5	2	99 163	69 073,004	975 880,777	14,128	13,658	55	52	90 130	1 688,117	18 169,559	10,763	10,293
6	3	99 136	64 236,165	906 807,773	14,117	13,646	56	53	89 260	1 555,187	16 481,442	10,598	10,127
7	4	99 111	59 739,706	842 571,608	14,104	13,634	57	54	88 326	1 431,545	14 926,255	10,427	9,956
8	5	99 090	55 559,785	782 831,902	14,090	13,620	58	55	87 343	1 316,855	13 494,710	10,248	9,777
9	6	99 071	51 673,877	727 272,117	14,074	13,604	59	56	86 259	1 209,781	12 177,855	10,066	9,596
10	7	99 055	48 060,743	675 598,240	14,057	13,587	60	57	85 107	1 110,350	10 968,073	9,878	9,408
11	8	99 038	44 699,936	627 537,497	14,039	13,569	61	58	83 858	1 017,715	9 857,723	9,686	9,216
12	9	99 022	41 574,710	582 837,561	14,019	13,549	62	59	82 537	931,801	8 840,008	9,487	9,017
13	10	99 005	38 667,650	541 262,851	13,998	13,528	63	60	81 133	852,044	7 908,207	9,281	8,811
14	11	98 989	35 963,860	502 595,201	13,975	13,505	64	61	79 629	777,912	7 056,163	9,071	8,600
15	12	98 964	33 446,580	466 631,341	13,952	13,481	65	62	78 039	709,184	6 278,251	8,853	8,383
16	13	98 937	31 104,499	433 184,761	13,927	13,456	66	63	76 340	645,348	5 569,067	8,630	8,159
17	14	98 898	28 922,992	402 080,263	13,902	13,431	67	64	74 567	586,380	4 923,719	8,397	7,927
18	15	98 852	26 892,593	373 157,271	13,876	13,406	68	65	72 696	531,782	4 337,339	8,156	7,686
19	16	98 784	24 999,073	346 264,678	13,851	13,381	69	66	70 715	481,204	3 805,557	7,908	7,438
20	17	98 714	23 238,534	321 265,605	13,825	13,354	70	67	68 618	434,355	3 324,353	7,654	7,183
21	18	98 638	21 600,535	298 027,070	13,797	13,327	71	68	66 395	390,962	2 889,997	7,392	6,922
22	19	98 560	20 077,803	276 426,535	13,768	13,297	72	69	64 046	350,820	2 499,035	7,123	6,653
23	20	98 484	18 662,503	256 348,732	13,736	13,266	73	70	61 501	313,375	2 148,215	6,855	6,385
24	21	98 409	17 347,246	237 686,229	13,702	13,231	74	71	58 818	278,795	1 834,840	6,581	6,111
25	22	98 331	16 124,190	220 338,984	13,665	13,195	75	72	55 939	246,648	1 556,045	6,309	5,838
26	23	98 250	14 986,912	204 214,794	13,626	13,156	76	73	52 886	216,917	1 309,397	6,036	5,566
27	24	98 168	13 929,630	189 227,882	13,585	13,114	77	74	49 674	189,529	1 092,480	5,764	5,294
28	25	98 083	12 946,650	175 298,251	13,540	13,070	78	75	46 293	164,306	902,951	5,496	5,025
29	26	98 001	12 033,250	162 351,601	13,492	13,022	79	76	42 743	141,123	738,645	5,234	4,764
30	27	97 911	11 183,531	150 318,351	13,441	12,971	80	77	39 136	120,198	597,522	4,971	4,501
31	28	97 821	10 393,690	139 134,820	13,386	12,916	81	78	35 422	101,202	477,324	4,717	4,246
32	29	97 723	9 658,873	128 741,129	13,329	12,859	82	79	31 680	84,197	376,122	4,467	3,997
33	30	97 623	8 975,800	119 082,256	13,267	12,797	83	80	27 980	69,175	291,924	4,220	3,750
34	31	97 525	8 341,228	110 106,456	13,200	12,730	84	81	24 350	55,999	222,750	3,978	3,507
35	32	97 415	7 750,485	101 765,228	13,130	12,660	85	82	20 824	44,549	166,750	3,743	3,273
36	33	97 297	7 201,018	94 014,743	13,056	12,585	86	83	17 424	34,675	122,202	3,524	3,054
37	34	97 173	6 690,090	86 813,725	12,976	12,506	87	84	14 245	26,372	87,526	3,319	2,849
38	35	97 038	6 214,670	80 123,635	12,893	12,422	88	85	11 320	19,494	61,155	3,137	2,667
39	36	96 892	5 772,403	73 908,965	12,804	12,334	89	86	8 792	14,085	41,661	2,958	2,488
40	37	96 733	5 360,873	68 136,562	12,710	12,240	90	87	6 637	9,891	27,576	2,788	2,318
41	38	96 550	4 977,437	62 775,690	12,612	12,142	91	88	4 878	6,763	17,685	2,615	2,145
42	39	96 350	4 620,570	57 798,253	12,509	12,039	92	89	3 438	4,433	10,922	2,464	1,994
43	40	96 127	4 288,256	53 177,683	12,401	11,930	93	90	2 315	2,777	6,489	2,337	1,867
44	41	95 874	3 978,566	48 889,427	12,288	11,818	94	91	1 510	1,685	3,713	2,203	1,733
45	42	95 590	3 690,046	44 910,862	12,171	11,701	95	92	933	0,968	2,028	2,094	1,624
46	43	95 269	3 421,088	41 220,815	12,049	11,579	96	93	551	0,532	1,060	1,993	1,523
47	44	94 907	3 170,291	37 799,728	11,923	11,453	97	94	309	0,278	0,528	1,900	1,430
48	45	94 506	2 936,661	34 629,436	11,792	11,322	98	95	165	0,138	0,250	1,816	1,346
49	46	94 045	2 718,449	31 692,775	11,658	11,188	99	96	83	0,065	0,112	1,740	1,269
							100	97	40	0,029	0,048	1,670	1,200

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	2 518,939	29 118,148	11,560	11,089
1							51	47	93 134	2 329,571	26 599,209	11,418	10,948
2							52	48	92 526	2 152,896	24 269,638	11,273	10,803
3							53	49	91 869	1 988,469	22 116,742	11,122	10,652
4	0	99 524	74 523,749	1 050 719,458	14,099	13,629	54	50	91 150	1 835,279	20 128,273	10,967	10,497
5	1	99 191	69 092,649	976 195,708	14,129	13,659	55	51	90 355	1 692,332	18 292,995	10,809	10,339
6	2	99 152	64 246,523	907 103,059	14,119	13,649	56	52	89 508	1 559,508	16 600,662	10,645	10,175
7	3	99 125	59 748,273	842 856,536	14,107	13,637	57	53	88 595	1 435,909	15 041,154	10,475	10,005
8	4	99 102	55 566,445	783 108,264	14,093	13,623	58	54	87 622	1 321,064	13 605,245	10,299	9,828
9	5	99 080	51 678,552	727 541,819	14,078	13,608	59	55	86 571	1 214,149	12 284,181	10,118	9,647
10	6	99 063	48 064,597	675 863,267	14,062	13,591	60	56	85 432	1 114,578	11 070,031	9,932	9,462
11	7	99 046	44 703,670	627 798,670	14,044	13,573	61	57	84 205	1 021,932	9 955,454	9,742	9,272
12	8	99 028	41 577,293	583 095,000	14,024	13,554	62	58	82 915	936,069	8 933,522	9,544	9,073
13	9	99 011	38 670,105	541 517,707	14,004	13,533	63	59	81 522	856,135	7 997,453	9,341	8,871
14	10	98 996	35 966,758	502 847,603	13,981	13,511	64	60	80 067	782,189	7 141,318	9,130	8,660
15	11	98 972	33 449,236	466 880,845	13,958	13,488	65	61	78 485	713,239	6 359,128	8,916	8,446
16	12	98 945	31 106,883	433 431,609	13,934	13,463	66	62	76 822	649,423	5 645,890	8,694	8,223
17	13	98 908	28 925,837	402 324,726	13,909	13,439	67	63	75 068	590,317	4 996,466	8,464	7,994
18	14	98 864	26 895,922	373 398,888	13,883	13,413	68	64	73 223	535,636	4 406,150	8,226	7,756
19	15	98 797	25 002,463	346 502,966	13,859	13,388	69	65	71 267	484,959	3 870,513	7,981	7,511
20	16	98 730	23 242,271	321 500,503	13,833	13,362	70	66	69 187	437,955	3 385,554	7,730	7,260
21	17	98 655	21 604,327	298 258,232	13,805	13,335	71	67	66 999	394,520	2 947,599	7,471	7,001
22	18	98 582	20 082,190	276 653,905	13,776	13,306	72	68	64 680	354,290	2 553,079	7,206	6,736
23	19	98 505	18 666,517	256 571,715	13,745	13,275	73	69	62 183	316,850	2 198,788	6,940	6,469
24	20	98 430	17 350,907	237 905,198	13,711	13,241	74	70	59 529	282,167	1 881,938	6,670	6,199
25	21	98 352	16 127,676	220 554,291	13,676	13,205	75	71	56 695	249,983	1 599,771	6,400	5,929
26	22	98 273	14 990,357	204 426,616	13,637	13,167	76	72	53 717	220,327	1 349,788	6,126	5,656
27	23	98 190	13 932,800	189 436,259	13,596	13,126	77	73	50 550	192,872	1 129,461	5,856	5,386
28	24	98 105	12 949,594	175 503,459	13,553	13,083	78	74	47 205	167,544	936,589	5,590	5,120
29	25	98 022	12 035,932	162 553,865	13,506	13,035	79	75	43 717	144,339	769,046	5,328	4,858
30	26	97 937	11 186,520	150 517,932	13,455	12,985	80	76	40 154	123,324	624,706	5,066	4,595
31	27	97 846	10 396,374	139 331,413	13,402	12,932	81	77	36 478	104,220	501,382	4,811	4,341
32	28	97 749	9 661,382	128 935,039	13,345	12,875	82	78	32 770	87,094	397,162	4,560	4,090
33	29	97 650	8 978,290	119 273,656	13,285	12,814	83	79	29 072	71,874	310,069	4,314	3,844
34	30	97 552	8 343,518	110 295,366	13,219	12,749	84	80	25 454	58,538	238,195	4,069	3,599
35	31	97 447	7 753,013	101 951,848	13,150	12,680	85	81	21 908	46,868	179,657	3,833	3,363
36	32	97 331	7 203,513	94 198,836	13,077	12,607	86	82	18 475	36,766	132,788	3,612	3,141
37	33	97 208	6 692,511	86 995,322	12,999	12,529	87	83	15 235	28,204	96,022	3,405	2,934
38	34	97 077	6 217,193	80 302,811	12,916	12,446	88	84	12 224	21,051	67,818	3,222	2,751
39	35	96 933	5 774,864	74 085,619	12,829	12,359	89	85	9 612	15,398	46,767	3,037	2,567
40	36	96 778	5 363,374	68 310,755	12,737	12,266	90	86	7 348	10,949	31,369	2,865	2,395
41	37	96 601	4 980,060	62 947,381	12,640	12,170	91	87	5 510	7,638	20,419	2,673	2,203
42	38	96 407	4 623,296	57 967,321	12,538	12,068	92	88	3 931	5,069	12,781	2,521	2,051
43	39	96 194	4 291,273	53 344,025	12,431	11,961	93	89	2 691	3,228	7,712	2,389	1,919
44	40	95 942	3 981,404	49 052,752	12,320	11,850	94	90	1 773	1,978	4,484	2,267	1,797
45	41	95 670	3 693,115	45 071,348	12,204	11,734	95	91	1 128	1,171	2,506	2,140	1,670
46	42	95 360	3 424,327	41 378,233	12,084	11,613	96	92	679	0,656	1,335	2,037	1,566
47	43	95 007	3 173,641	37 953,906	11,959	11,489	97	93	390	0,350	0,680	1,941	1,470
48	44	94 613	2 939,986	34 780,265	11,830	11,360	98	94	213	0,178	0,329	1,853	1,383
49	45	94 172	2 722,131	31 840,279	11,697	11,227	99	95	110	0,086	0,152	1,773	1,303
							100	96	54	0,039	0,066	1,701	1,230

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	2 522,351	29 250,271	11,596	11,126
1							51	46	93 279	2 333,189	26 727,920	11,456	10,985
2							52	47	92 687	2 156,639	24 394,731	11,311	10,841
3							53	48	92 039	1 992,161	22 238,093	11,163	10,693
4							54	49	91 342	1 839,126	20 245,932	11,008	10,538
5	0	99 510	69 314,429	976 705,248	14,091	13,621	55	50	90 566	1 696,296	18 406,806	10,851	10,381
6	1	99 180	64 264,795	907 390,819	14,120	13,649	56	51	89 731	1 563,403	16 710,510	10,689	10,218
7	2	99 141	59 757,907	843 126,024	14,109	13,639	57	52	88 841	1 439,899	15 147,108	10,520	10,049
8	3	99 116	55 574,413	783 368,117	14,096	13,626	58	53	87 889	1 325,091	13 707,209	10,344	9,874
9	4	99 092	51 684,746	727 793,704	14,081	13,611	59	54	86 848	1 218,030	12 382,117	10,166	9,695
10	5	99 072	48 068,945	676 108,958	14,065	13,595	60	55	85 740	1 118,602	11 164,087	9,980	9,510
11	6	99 054	44 707,255	628 040,013	14,048	13,578	61	56	84 526	1 025,823	10 045,485	9,793	9,322
12	7	99 036	41 580,766	583 332,758	14,029	13,559	62	57	83 258	939,947	9 019,663	9,596	9,126
13	8	99 018	38 672,507	541 751,991	14,009	13,538	63	58	81 896	860,057	8 079,715	9,394	8,924
14	9	99 003	35 969,041	503 079,485	13,986	13,516	64	59	80 451	785,945	7 219,659	9,186	8,716
15	10	98 980	33 451,931	467 110,444	13,964	13,493	65	60	78 916	717,160	6 433,714	8,971	8,501
16	11	98 952	31 109,354	433 658,512	13,940	13,470	66	61	77 261	653,137	5 716,554	8,752	8,282
17	12	98 915	28 928,055	402 549,159	13,916	13,445	67	62	75 542	594,044	5 063,417	8,524	8,053
18	13	98 874	26 898,568	373 621,104	13,890	13,420	68	63	73 714	539,232	4 469,373	8,288	7,818
19	14	98 809	25 005,558	346 722,535	13,866	13,396	69	64	71 784	488,474	3 930,141	8,046	7,575
20	15	98 743	23 245,422	321 716,977	13,840	13,370	70	65	69 727	441,373	3 441,667	7,798	7,327
21	16	98 671	21 607,801	298 471,555	13,813	13,343	71	66	67 555	397,790	3 000,294	7,542	7,072
22	17	98 599	20 085,715	276 863,754	13,784	13,314	72	67	65 268	357,515	2 602,504	7,279	6,809
23	18	98 526	18 670,596	256 778,039	13,753	13,283	73	68	62 798	319,985	2 244,989	7,016	6,546
24	19	98 451	17 354,639	238 107,443	13,720	13,250	74	69	60 190	285,296	1 925,004	6,747	6,277
25	20	98 373	16 131,079	220 752,804	13,685	13,215	75	70	57 381	253,006	1 639,709	6,481	6,011
26	21	98 294	14 993,598	204 621,725	13,647	13,177	76	71	54 443	223,306	1 386,702	6,210	5,740
27	22	98 212	13 936,002	189 628,127	13,607	13,137	77	72	51 345	195,904	1 163,396	5,939	5,468
28	23	98 128	12 952,541	175 692,125	13,564	13,094	78	73	48 038	170,499	967,492	5,674	5,204
29	24	98 045	12 038,669	162 739,585	13,518	13,048	79	74	44 579	147,184	796,993	5,415	4,945
30	25	97 959	11 189,013	150 700,915	13,469	12,998	80	75	41 069	126,135	649,810	5,152	4,681
31	26	97 872	10 399,152	139 511,902	13,416	12,945	81	76	37 427	106,930	523,675	4,897	4,427
32	27	97 774	9 663,877	129 112,750	13,360	12,890	82	77	33 747	89,691	416,745	4,646	4,176
33	28	97 676	8 980,623	119 448,873	13,301	12,830	83	78	30 072	74,346	327,054	4,399	3,929
34	29	97 579	8 345,832	110 468,250	13,236	12,766	84	79	26 447	60,822	252,708	4,155	3,685
35	30	97 473	7 755,141	102 122,417	13,168	12,698	85	80	22 901	48,993	191,886	3,917	3,446
36	31	97 362	7 205,862	94 367,277	13,096	12,626	86	81	19 437	38,681	142,892	3,694	3,224
37	32	97 242	6 694,830	87 161,414	13,019	12,549	87	82	16 154	29,904	104,211	3,485	3,015
38	33	97 112	6 219,443	80 466,584	12,938	12,468	88	83	13 074	22,514	74,307	3,301	2,830
39	34	96 972	5 777,209	74 247,141	12,852	12,381	89	84	10 380	16,629	51,793	3,115	2,644
40	35	96 819	5 365,661	68 469,933	12,761	12,290	90	85	8 033	11,970	35,165	2,938	2,467
41	36	96 646	4 982,383	63 104,272	12,665	12,195	91	86	6 100	8,456	23,194	2,743	2,273
42	37	96 457	4 625,732	58 121,889	12,565	12,095	92	87	4 440	5,725	14,739	2,574	2,104
43	38	96 251	4 293,805	53 496,157	12,459	11,989	93	88	3 077	3,691	9,013	2,442	1,972
44	39	96 009	3 984,205	49 202,352	12,349	11,879	94	89	2 061	2,299	5,322	2,315	1,844
45	40	95 738	3 695,750	45 218,147	12,235	11,765	95	90	1 324	1,375	3,023	2,199	1,729
46	41	95 439	3 427,175	41 522,397	12,116	11,645	96	91	821	0,793	1,648	2,079	1,609
47	42	95 097	3 176,646	38 095,222	11,992	11,522	97	92	481	0,432	0,855	1,981	1,511
48	43	94 713	2 943,092	34 918,576	11,865	11,394	98	93	268	0,224	0,424	1,890	1,420
49	44	94 279	2 725,213	31 975,484	11,733	11,263	99	94	142	0,110	0,200	1,807	1,337
							100	95	71	0,051	0,089	1,732	1,261

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	2 525,206	29 371,317	11,631	11,161
1							51	45	93 405	2 336,349	26 846,110	11,491	11,020
2							52	46	92 831	2 159,988	24 509,761	11,347	10,877
3							53	47	92 199	1 995,624	22 349,772	11,199	10,729
4							54	48	91 511	1 842,540	20 354,149	11,047	10,577
5							55	49	90 756	1 699,852	18 511,608	10,890	10,420
6	0	99 498	64 471,078	907 859,959	14,082	13,611	56	50	89 942	1 567,064	16 811,756	10,728	10,258
7	1	99 170	59 774,902	843 388,881	14,109	13,639	57	51	89 063	1 443,494	15 244,693	10,561	10,091
8	2	99 132	55 583,374	783 613,979	14,098	13,628	58	52	88 134	1 328,773	13 801,198	10,386	9,916
9	3	99 106	51 692,158	728 030,605	14,084	13,614	59	53	87 112	1 221,743	12 472,425	10,209	9,738
10	4	99 083	48 074,707	676 338,446	14,068	13,598	60	54	86 014	1 122,177	11 250,682	10,026	9,555
11	5	99 063	44 711,299	628 263,740	14,052	13,581	61	55	84 831	1 029,527	10 128,504	9,838	9,368
12	6	99 044	41 584,100	583 552,440	14,033	13,563	62	56	83 575	943,526	9 098,978	9,644	9,173
13	7	99 026	38 675,738	541 968,340	14,013	13,543	63	57	82 235	863,620	8 155,452	9,443	8,973
14	8	99 009	35 971,275	503 292,602	13,992	13,521	64	58	80 820	789,545	7 291,832	9,235	8,765
15	9	98 986	33 454,055	467 321,327	13,969	13,499	65	59	79 295	720,604	6 502,287	9,023	8,553
16	10	98 960	31 111,860	433 867,272	13,945	13,475	66	60	77 686	656,728	5 781,683	8,804	8,333
17	11	98 923	28 930,353	402 755,411	13,922	13,451	67	61	75 973	597,441	5 124,956	8,578	8,108
18	12	98 881	26 900,630	373 825,059	13,897	13,426	68	62	74 180	542,637	4 527,515	8,344	7,873
19	13	98 819	25 008,018	346 924,429	13,873	13,402	69	63	72 266	491,753	3 984,878	8,103	7,633
20	14	98 755	23 248,300	321 916,410	13,847	13,377	70	64	70 232	444,572	3 493,124	7,857	7,387
21	15	98 684	21 610,731	298 668,110	13,820	13,350	71	65	68 082	400,894	3 048,553	7,604	7,134
22	16	98 615	20 088,945	277 057,379	13,792	13,321	72	66	65 809	360,478	2 647,659	7,345	6,875
23	17	98 544	18 673,874	256 968,434	13,761	13,291	73	67	63 370	322,897	2 287,181	7,083	6,613
24	18	98 472	17 358,430	238 294,561	13,728	13,258	74	68	60 785	288,118	1 964,284	6,818	6,347
25	19	98 394	16 134,549	220 936,130	13,693	13,223	75	69	58 017	255,812	1 676,166	6,552	6,082
26	20	98 314	14 996,762	204 801,581	13,656	13,186	76	70	55 102	226,007	1 420,354	6,285	5,814
27	21	98 234	13 939,015	189 804,819	13,617	13,147	77	71	52 039	198,553	1 194,347	6,015	5,545
28	22	98 150	12 955,518	175 865,804	13,575	13,104	78	72	48 793	173,179	995,794	5,750	5,280
29	23	98 067	12 041,408	162 910,287	13,529	13,059	79	73	45 365	149,780	822,615	5,492	5,022
30	24	97 982	11 191,557	150 868,879	13,481	13,010	80	74	41 878	128,620	672,835	5,231	4,761
31	25	97 894	10 401,470	139 677,321	13,429	12,958	81	75	38 280	109,367	544,215	4,976	4,506
32	26	97 800	9 666,459	129 275,851	13,374	12,903	82	76	34 625	92,023	434,848	4,725	4,255
33	27	97 701	8 982,942	119 609,392	13,315	12,845	83	77	30 969	76,563	342,825	4,478	4,007
34	28	97 605	8 348,001	110 626,450	13,252	12,782	84	78	27 357	62,915	266,262	4,232	3,762
35	29	97 500	7 757,292	102 278,449	13,185	12,715	85	79	23 795	50,905	203,347	3,995	3,524
36	30	97 389	7 207,841	94 521,157	13,114	12,643	86	80	20 318	40,435	152,442	3,770	3,300
37	31	97 273	6 697,013	87 313,316	13,038	12,567	87	81	16 995	31,462	112,007	3,560	3,090
38	32	97 146	6 221,598	80 616,303	12,957	12,487	88	82	13 862	23,871	80,546	3,374	2,904
39	33	97 007	5 779,299	74 394,705	12,873	12,402	89	83	11 101	17,784	56,675	3,187	2,717
40	34	96 859	5 367,839	68 615,406	12,783	12,312	90	84	8 674	12,926	38,891	3,009	2,538
41	35	96 687	4 984,507	63 247,567	12,689	12,219	91	85	6 669	9,244	25,964	2,809	2,338
42	36	96 502	4 627,890	58 263,060	12,590	12,119	92	86	4 915	6,338	16,720	2,638	2,168
43	37	96 302	4 296,068	53 635,169	12,485	12,014	93	87	3 476	4,169	10,382	2,490	2,020
44	38	96 066	3 986,556	49 339,102	12,376	11,906	94	88	2 356	2,629	6,213	2,363	1,893
45	39	95 805	3 698,350	45 352,546	12,263	11,793	95	89	1 540	1,598	3,584	2,243	1,772
46	40	95 507	3 429,619	41 654,195	12,145	11,675	96	90	964	0,931	1,986	2,133	1,663
47	41	95 176	3 179,288	38 224,576	12,023	11,553	97	91	581	0,522	1,055	2,020	1,550
48	42	94 803	2 945,879	35 045,288	11,896	11,426	98	92	331	0,276	0,533	1,928	1,457
49	43	94 379	2 728,092	32 099,409	11,766	11,296	99	93	179	0,139	0,256	1,842	1,371
							100	94	92	0,066	0,117	1,763	1,293

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	2 527,875	29 482,220	11,663	11,193
1							51	44	93 511	2 338,994	26 954,345	11,524	11,054
2							52	45	92 956	2 162,914	24 615,351	11,381	10,910
3							53	46	92 342	1 998,724	22 452,437	11,233	10,763
4							54	47	91 670	1 845,743	20 453,714	11,082	10,611
5							55	48	90 925	1 703,007	18 607,970	10,927	10,456
6							56	49	90 130	1 570,349	16 904,963	10,765	10,295
7	0	99 488	59 966,773	843 820,804	14,071	13,601	57	50	89 272	1 446,875	15 334,614	10,598	10,128
8	1	99 160	55 599,183	783 854,031	14,098	13,628	58	51	88 354	1 332,091	13 887,739	10,426	9,955
9	2	99 122	51 700,493	728 254,848	14,086	13,616	59	52	87 354	1 225,138	12 555,647	10,248	9,778
10	3	99 098	48 081,601	676 554,355	14,071	13,601	60	53	86 276	1 125,598	11 330,509	10,066	9,596
11	4	99 075	44 716,659	628 472,754	14,055	13,584	61	54	85 102	1 032,817	10 204,911	9,881	9,410
12	5	99 053	41 587,862	583 756,096	14,037	13,566	62	55	83 877	946,933	9 172,094	9,686	9,216
13	6	99 034	38 678,839	542 168,233	14,017	13,547	63	56	82 548	866,908	8 225,161	9,488	9,018
14	7	99 017	35 974,281	503 489,394	13,996	13,526	64	57	81 155	792,816	7 358,253	9,281	8,811
15	8	98 993	33 456,133	467 515,113	13,974	13,504	65	58	79 658	723,904	6 565,437	9,069	8,599
16	9	98 967	31 113,835	434 058,980	13,951	13,480	66	59	78 059	659,881	5 841,533	8,852	8,382
17	10	98 931	28 932,683	402 945,145	13,927	13,457	67	60	76 391	600,725	5 181,652	8,626	8,155
18	11	98 889	26 902,767	374 012,462	13,902	13,432	68	61	74 604	545,740	4 580,926	8,394	7,924
19	12	98 826	25 009,936	347 109,695	13,879	13,409	69	62	72 722	494,858	4 035,187	8,154	7,684
20	13	98 765	23 250,587	322 099,759	13,853	13,383	70	63	70 703	447,556	3 540,328	7,910	7,440
21	14	98 696	21 613,406	298 849,172	13,827	13,357	71	64	68 575	403,800	3 092,772	7,659	7,189
22	15	98 628	20 091,669	277 235,766	13,799	13,328	72	65	66 323	363,291	2 688,972	7,402	6,931
23	16	98 560	18 676,876	257 144,097	13,768	13,298	73	66	63 895	325,573	2 325,681	7,143	6,673
24	17	98 489	17 361,478	238 467,221	13,735	13,265	74	67	61 338	290,740	2 000,108	6,879	6,409
25	18	98 415	16 138,074	221 105,743	13,701	13,231	75	68	58 591	258,342	1 709,368	6,617	6,146
26	19	98 336	14 999,988	204 967,668	13,665	13,194	76	69	55 713	228,513	1 451,025	6,350	5,880
27	20	98 254	13 941,956	189 967,681	13,626	13,155	77	70	52 668	200,954	1 222,513	6,084	5,613
28	21	98 172	12 958,319	176 025,724	13,584	13,114	78	71	49 453	175,521	1 021,559	5,820	5,350
29	22	98 090	12 044,176	163 067,406	13,539	13,069	79	72	46 078	152,134	846,037	5,561	5,091
30	23	98 004	11 194,104	151 023,230	13,491	13,021	80	73	42 617	130,889	693,903	5,301	4,831
31	24	97 916	10 403,835	139 829,126	13,440	12,970	81	74	39 034	111,522	563,014	5,048	4,578
32	25	97 822	9 668,614	129 425,291	13,386	12,916	82	75	35 414	94,120	451,492	4,797	4,327
33	26	97 727	8 985,342	119 756,677	13,328	12,858	83	76	31 774	78,554	357,371	4,549	4,079
34	27	97 630	8 350,156	110 771,334	13,266	12,795	84	77	28 172	64,791	278,817	4,303	3,833
35	28	97 526	7 759,308	102 421,178	13,200	12,730	85	78	24 613	52,656	214,027	4,065	3,594
36	29	97 416	7 209,840	94 661,871	13,130	12,659	86	79	21 111	42,012	161,370	3,841	3,371
37	30	97 300	6 698,852	87 452,030	13,055	12,584	87	80	17 765	32,888	119,358	3,629	3,159
38	31	97 177	6 223,627	80 753,179	12,975	12,505	88	81	14 584	25,114	86,470	3,443	2,973
39	32	97 041	5 781,302	74 529,552	12,891	12,421	89	82	11 771	18,856	61,356	3,254	2,784
40	33	96 894	5 369,782	68 748,250	12,803	12,333	90	83	9 277	13,825	42,500	3,074	2,604
41	34	96 727	4 986,531	63 378,468	12,710	12,240	91	84	7 201	9,983	28,675	2,873	2,402
42	35	96 544	4 629,863	58 391,938	12,612	12,142	92	85	5 373	6,929	18,693	2,698	2,227
43	36	96 347	4 298,072	53 762,074	12,508	12,038	93	86	3 847	4,615	11,764	2,549	2,079
44	37	96 117	3 988,657	49 464,002	12,401	11,931	94	87	2 662	2,970	7,148	2,407	1,937
45	38	95 862	3 700,532	45 475,346	12,289	11,819	95	88	1 760	1,827	4,179	2,287	1,816
46	39	95 574	3 432,033	41 774,813	12,172	11,702	96	89	1 121	1,082	2,351	2,173	1,703
47	40	95 244	3 181,556	38 342,780	12,052	11,581	97	90	683	0,613	1,269	2,070	1,600
48	41	94 882	2 948,329	35 161,224	11,926	11,456	98	91	400	0,334	0,656	1,963	1,493
49	42	94 468	2 730,675	32 212,895	11,797	11,326	99	92	221	0,172	0,322	1,876	1,406
							100	93	116	0,084	0,150	1,795	1,324



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	2 530,268	29 583,750	11,692	11,222
1							51	43	93 609	2 341,466	27 053,482	11,554	11,084
2							52	44	93 062	2 165,363	24 712,016	11,412	10,942
3							53	45	92 468	2 001,431	22 546,653	11,265	10,795
4							54	46	91 813	1 848,610	20 545,223	11,114	10,644
5							55	47	91 083	1 705,968	18 696,612	10,960	10,489
6							56	48	90 297	1 573,264	16 990,644	10,800	10,329
7							57	49	89 459	1 449,908	15 417,380	10,633	10,163
8	0	99 478	55 777,650	784 251,681	14,060	13,590	58	50	88 561	1 335,211	13 967,471	10,461	9,991
9	1	99 150	51 715,198	728 474,031	14,086	13,616	59	51	87 572	1 228,197	12 632,261	10,285	9,815
10	2	99 114	48 089,354	676 758,833	14,073	13,603	60	52	86 516	1 128,726	11 404,064	10,103	9,633
11	3	99 089	44 723,071	628 669,480	14,057	13,587	61	53	85 361	1 035,966	10 275,338	9,919	9,448
12	4	99 065	41 592,847	583 946,409	14,040	13,569	62	54	84 145	949,959	9 239,372	9,726	9,256
13	5	99 043	38 682,338	542 353,561	14,021	13,550	63	55	82 846	870,038	8 289,413	9,528	9,057
14	6	99 025	35 977,165	503 671,223	14,000	13,529	64	56	81 464	795,835	7 419,375	9,323	8,852
15	7	99 001	33 458,928	467 694,058	13,978	13,508	65	57	79 988	726,904	6 623,540	9,112	8,642
16	8	98 973	31 115,768	434 235,129	13,955	13,485	66	58	78 417	662,903	5 896,636	8,895	8,425
17	9	98 937	28 934,520	403 119,361	13,932	13,462	67	59	76 758	603,610	5 233,733	8,671	8,200
18	10	98 897	26 904,934	374 184,841	13,908	13,437	68	60	75 014	548,740	4 630,123	8,438	7,967
19	11	98 834	25 011,922	347 279,907	13,885	13,414	69	61	73 138	497,688	4 081,383	8,201	7,730
20	12	98 773	23 252,370	322 267,985	13,860	13,389	70	62	71 150	450,382	3 583,695	7,957	7,487
21	13	98 706	21 615,533	299 015,615	13,833	13,363	71	63	69 036	406,511	3 133,312	7,708	7,238
22	14	98 641	20 094,156	277 400,083	13,805	13,335	72	64	66 804	365,924	2 726,802	7,452	6,982
23	15	98 573	18 679,408	257 305,926	13,775	13,305	73	65	64 394	328,114	2 360,878	7,195	6,725
24	16	98 505	17 364,270	238 626,518	13,742	13,272	74	66	61 847	293,150	2 032,764	6,934	6,464
25	17	98 433	16 140,908	221 262,248	13,708	13,238	75	67	59 124	260,694	1 739,614	6,673	6,203
26	18	98 357	15 003,265	205 121,341	13,672	13,201	76	68	56 264	230,773	1 478,921	6,409	5,938
27	19	98 276	13 944,955	190 118,076	13,633	13,163	77	69	53 252	203,182	1 248,147	6,143	5,673
28	20	98 192	12 961,053	176 173,120	13,593	13,122	78	70	50 051	177,644	1 044,965	5,882	5,412
29	21	98 111	12 046,780	163 212,067	13,548	13,078	79	71	46 701	154,192	867,321	5,625	5,155
30	22	98 026	11 196,677	151 165,287	13,501	13,031	80	72	43 287	132,947	713,129	5,364	4,894
31	23	97 939	10 406,202	139 968,611	13,450	12,980	81	73	39 723	113,490	580,183	5,112	4,642
32	24	97 844	9 670,813	129 562,408	13,397	12,927	82	74	36 112	95,975	466,693	4,863	4,392
33	25	97 749	8 987,345	119 891,596	13,340	12,870	83	75	32 498	80,344	370,718	4,614	4,144
34	26	97 656	8 352,388	110 904,251	13,278	12,808	84	76	28 905	66,476	290,374	4,368	3,898
35	27	97 551	7 761,311	102 551,863	13,213	12,743	85	77	25 347	54,226	223,898	4,129	3,659
36	28	97 441	7 211,713	94 790,552	13,144	12,674	86	78	21 837	43,457	169,672	3,904	3,434
37	29	97 327	6 700,710	87 578,838	13,070	12,600	87	79	18 459	34,171	126,215	3,694	3,223
38	30	97 204	6 225,335	80 878,128	12,992	12,521	88	80	15 245	26,253	92,043	3,506	3,036
39	31	97 073	5 783,187	74 652,793	12,909	12,438	89	81	12 384	19,838	65,791	3,316	2,846
40	32	96 927	5 371,642	68 869,606	12,821	12,351	90	82	9 836	14,658	45,952	3,135	2,665
41	33	96 762	4 988,335	63 497,964	12,729	12,259	91	83	7 702	10,676	31,294	2,931	2,461
42	34	96 583	4 631,743	58 509,628	12,632	12,162	92	84	5 803	7,483	20,618	2,755	2,285
43	35	96 388	4 299,904	53 877,885	12,530	12,060	93	85	4 206	5,045	13,136	2,603	2,133
44	36	96 162	3 990,518	49 577,981	12,424	11,954	94	86	2 946	3,288	8,090	2,461	1,990
45	37	95 912	3 702,482	45 587,463	12,313	11,842	95	87	1 988	2,064	4,802	2,327	1,857
46	38	95 631	3 434,058	41 884,981	12,197	11,727	96	88	1 281	1,237	2,739	2,214	1,743
47	39	95 311	3 183,795	38 450,923	12,077	11,607	97	89	793	0,713	1,501	2,107	1,636
48	40	94 949	2 950,432	35 267,128	11,953	11,483	98	90	470	0,392	0,789	2,010	1,539
49	41	94 547	2 732,946	32 316,696	11,825	11,355	99	91	267	0,208	0,396	1,909	1,439
							100	92	143	0,103	0,189	1,826	1,356

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente  
auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	2 532,373	29 676,589	11,719	11,249
1							51	42	93 698	2 343,683	27 144,217	11,582	11,112
2							52	43	93 160	2 167,651	24 800,534	11,441	10,971
3							53	44	92 572	2 003,697	22 632,883	11,296	10,825
4							54	45	91 937	1 851,114	20 629,187	11,144	10,674
5							55	46	91 224	1 708,618	18 778,073	10,990	10,520
6							56	47	90 454	1 575,999	17 069,455	10,831	10,361
7							57	48	89 625	1 452,600	15 493,455	10,666	10,196
8							58	49	88 746	1 338,010	14 040,855	10,494	10,024
9	0	99 469	51 881,197	728 840,126	14,048	13,578	59	50	87 778	1 231,074	12 702,845	10,319	9,848
10	1	99 142	48 103,031	676 958,929	14,073	13,603	60	51	86 732	1 131,544	11 471,772	10,138	9,668
11	2	99 105	44 730,282	628 855,898	14,059	13,589	61	52	85 599	1 038,844	10 340,228	9,954	9,483
12	3	99 079	41 598,812	584 125,615	14,042	13,572	62	53	84 402	952,855	9 301,383	9,762	9,291
13	4	99 055	38 686,975	542 526,803	14,024	13,553	63	54	83 111	872,819	8 348,528	9,565	9,095
14	5	99 034	35 980,420	503 839,829	14,003	13,533	64	55	81 758	798,708	7 475,709	9,360	8,889
15	6	99 009	33 461,611	467 859,409	13,982	13,512	65	56	80 293	729,671	6 677,001	9,151	8,680
16	7	98 981	31 118,368	434 397,797	13,960	13,489	66	57	78 742	665,650	5 947,330	8,935	8,464
17	8	98 943	28 936,318	403 279,430	13,937	13,467	67	58	77 110	606,375	5 281,680	8,710	8,240
18	9	98 904	26 906,643	374 343,112	13,913	13,442	68	59	75 374	551,375	4 675,305	8,479	8,009
19	10	98 842	25 013,937	347 436,469	13,890	13,419	69	60	73 540	500,424	4 123,930	8,241	7,771
20	11	98 780	23 254,217	322 422,532	13,865	13,395	70	61	71 557	452,958	3 623,506	8,000	7,529
21	12	98 714	21 617,190	299 168,316	13,839	13,369	71	62	69 471	409,078	3 170,548	7,750	7,280
22	13	98 650	20 096,133	277 551,126	13,811	13,341	72	63	67 252	368,380	2 761,471	7,496	7,026
23	14	98 585	18 681,721	257 454,993	13,781	13,311	73	64	64 860	330,492	2 393,090	7,241	6,771
24	15	98 519	17 366,624	238 773,272	13,749	13,279	74	65	62 329	295,437	2 062,598	6,982	6,511
25	16	98 449	16 143,503	221 406,648	13,715	13,245	75	66	59 614	262,854	1 767,161	6,723	6,253
26	17	98 374	15 005,899	205 263,145	13,679	13,209	76	67	56 776	232,874	1 504,307	6,460	5,989
27	18	98 297	13 948,002	190 257,246	13,640	13,170	77	68	53 779	205,192	1 271,433	6,196	5,726
28	19	98 213	12 963,841	176 309,244	13,600	13,130	78	69	50 606	179,614	1 066,241	5,936	5,466
29	20	98 131	12 049,322	163 345,403	13,556	13,086	79	70	47 266	156,056	886,627	5,681	5,211
30	21	98 048	11 199,097	151 296,081	13,510	13,039	80	71	43 872	134,744	730,571	5,422	4,952
31	22	97 961	10 408,594	140 096,984	13,460	12,989	81	72	40 347	115,273	595,826	5,169	4,699
32	23	97 866	9 673,013	129 688,389	13,407	12,937	82	73	36 749	97,668	480,553	4,920	4,450
33	24	97 771	8 989,389	120 015,377	13,351	12,881	83	74	33 139	81,928	382,885	4,673	4,203
34	25	97 678	8 354,249	111 025,988	13,290	12,819	84	75	29 564	67,990	300,957	4,426	3,956
35	26	97 577	7 763,385	102 671,738	13,225	12,755	85	76	26 006	55,637	232,967	4,187	3,717
36	27	97 466	7 213,576	94 908,353	13,157	12,687	86	77	22 488	44,753	177,330	3,962	3,492
37	28	97 352	6 702,451	87 694,778	13,084	12,614	87	78	19 094	35,347	132,577	3,751	3,280
38	29	97 231	6 227,062	80 992,327	13,007	12,536	88	79	15 840	27,277	97,230	3,565	3,094
39	30	97 099	5 784,775	74 765,264	12,924	12,454	89	80	12 945	20,738	69,953	3,373	2,903
40	31	96 959	5 373,394	68 980,489	12,837	12,367	90	81	10 349	15,421	49,215	3,191	2,721
41	32	96 795	4 990,064	63 607,095	12,747	12,276	91	82	8 166	11,320	33,794	2,985	2,515
42	33	96 618	4 633,419	58 617,032	12,651	12,181	92	83	6 206	8,003	22,474	2,808	2,338
43	34	96 427	4 301,650	53 983,612	12,550	12,079	93	84	4 542	5,448	14,472	2,656	2,186
44	35	96 203	3 992,219	49 681,962	12,445	11,974	94	85	3 221	3,594	9,023	2,510	2,040
45	36	95 957	3 704,210	45 689,744	12,335	11,864	95	86	2 201	2,285	5,429	2,376	1,906
46	37	95 681	3 435,867	41 985,534	12,220	11,749	96	87	1 447	1,397	3,144	2,250	1,780
47	38	95 367	3 185,673	38 549,667	12,101	11,631	97	88	907	0,815	1,747	2,143	1,673
48	39	95 016	2 952,508	35 363,993	11,978	11,507	98	89	546	0,456	0,932	2,043	1,572
49	40	94 614	2 734,896	32 411,485	11,851	11,381	99	90	314	0,244	0,476	1,952	1,481
							100	91	173	0,125	0,232	1,857	1,386

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	2 534,179	29 761,347	11,744	11,274
1							51	41	93 776	2 345,632	27 227,168	11,608	11,137
2							52	42	93 248	2 169,703	24 881,536	11,468	10,997
3							53	43	92 670	2 005,814	22 711,833	11,323	10,853
4							54	44	92 041	1 853,210	20 706,019	11,173	10,703
5							55	45	91 348	1 710,932	18 852,809	11,019	10,549
6							56	46	90 595	1 578,447	17 141,877	10,860	10,390
7							57	47	89 781	1 455,125	15 563,429	10,696	10,225
8							58	48	88 911	1 340,494	14 108,304	10,525	10,054
9							59	49	87 962	1 233,654	12 767,810	10,350	9,879
10	0	99 460	48 257,436	677 295,981	14,035	13,565	60	50	86 935	1 134,194	11 534,156	10,169	9,699
11	1	99 133	44 743,004	629 038,544	14,059	13,589	61	51	85 812	1 041,438	10 399,962	9,986	9,516
12	2	99 095	41 605,519	584 295,540	14,044	13,573	62	52	84 636	955,503	9 358,524	9,794	9,324
13	3	99 069	38 692,523	542 690,021	14,026	13,555	63	53	83 364	875,480	8 403,021	9,598	9,128
14	4	99 046	35 984,733	503 997,498	14,006	13,536	64	54	82 019	801,261	7 527,541	9,395	8,924
15	5	99 018	33 464,638	468 012,765	13,985	13,515	65	55	80 583	732,306	6 726,280	9,185	8,715
16	6	98 989	31 120,863	434 548,127	13,963	13,493	66	56	79 041	668,185	5 993,974	8,971	8,500
17	7	98 952	28 938,735	403 427,264	13,941	13,470	67	57	77 429	608,887	5 325,790	8,747	8,276
18	8	98 910	26 908,314	374 488,529	13,917	13,447	68	58	75 719	553,900	4 716,903	8,516	8,046
19	9	98 849	25 015,525	347 580,215	13,895	13,424	69	59	73 893	502,827	4 163,002	8,279	7,809
20	10	98 788	23 256,090	322 564,689	13,870	13,400	70	60	71 950	455,448	3 660,175	8,036	7,566
21	11	98 721	21 618,907	299 308,599	13,845	13,374	71	61	69 869	411,417	3 204,727	7,789	7,319
22	12	98 658	20 097,674	277 689,693	13,817	13,347	72	62	67 677	370,707	2 793,311	7,535	7,065
23	13	98 595	18 683,559	257 592,019	13,787	13,317	73	63	65 296	332,711	2 422,604	7,281	6,811
24	14	98 531	17 368,774	238 908,460	13,755	13,285	74	64	62 781	297,578	2 089,894	7,023	6,553
25	15	98 462	16 145,692	221 539,686	13,721	13,251	75	65	60 079	264,905	1 792,315	6,766	6,296
26	16	98 390	15 008,312	205 393,995	13,685	13,215	76	66	57 246	234,804	1 527,410	6,505	6,035
27	17	98 314	13 950,451	190 385,683	13,647	13,177	77	67	54 269	207,060	1 292,606	6,243	5,772
28	18	98 235	12 966,673	176 435,232	13,607	13,137	78	68	51 106	181,390	1 085,546	5,985	5,514
29	19	98 153	12 051,914	163 468,558	13,564	13,093	79	69	47 790	157,787	904,156	5,730	5,260
30	20	98 068	11 201,461	151 416,644	13,518	13,047	80	70	44 403	136,374	746,369	5,473	5,003
31	21	97 982	10 410,844	140 215,184	13,468	12,998	81	71	40 893	116,832	609,995	5,221	4,751
32	22	97 889	9 675,236	129 804,339	13,416	12,946	82	72	37 327	99,203	493,163	4,971	4,501
33	23	97 793	8 991,434	120 129,103	13,360	12,890	83	73	33 723	83,373	393,959	4,725	4,255
34	24	97 700	8 356,149	111 137,669	13,300	12,830	84	74	30 146	69,330	310,586	4,480	4,010
35	25	97 599	7 765,116	102 781,520	13,236	12,766	85	75	26 599	56,904	241,256	4,240	3,769
36	26	97 493	7 215,503	95 016,404	13,168	12,698	86	76	23 073	45,917	184,352	4,015	3,545
37	27	97 378	6 704,182	87 800,901	13,096	12,626	87	77	19 663	36,401	138,435	3,803	3,333
38	28	97 256	6 228,680	81 096,720	13,020	12,550	88	78	16 385	28,216	102,034	3,616	3,146
39	29	97 126	5 786,380	74 868,039	12,939	12,468	89	79	13 450	21,547	73,818	3,426	2,956
40	30	96 985	5 374,869	69 081,660	12,853	12,382	90	80	10 818	16,121	52,272	3,243	2,772
41	31	96 827	4 991,691	63 706,791	12,763	12,292	91	81	8 591	11,909	36,151	3,036	2,565
42	32	96 651	4 635,025	58 715,099	12,668	12,197	92	82	6 580	8,485	24,242	2,857	2,387
43	33	96 462	4 303,207	54 080,075	12,567	12,097	93	83	4 858	5,827	15,757	2,704	2,234
44	34	96 242	3 993,840	49 776,868	12,463	11,993	94	84	3 478	3,881	9,930	2,558	2,088
45	35	95 998	3 705,789	45 783,028	12,354	11,884	95	85	2 406	2,498	6,048	2,421	1,951
46	36	95 726	3 437,470	42 077,239	12,241	11,770	96	86	1 602	1,547	3,550	2,295	1,825
47	37	95 417	3 187,352	38 639,769	12,123	11,653	97	87	1 025	0,921	2,003	2,177	1,706
48	38	95 072	2 954,250	35 452,417	12,000	11,530	98	88	624	0,522	1,083	2,076	1,606
49	39	94 681	2 736,820	32 498,167	11,874	11,404	99	89	364	0,283	0,561	1,982	1,511
							100	90	203	0,147	0,278	1,896	1,426

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	2 535,962	29 838,844	11,766	11,296
1							51	40	93 843	2 347,305	27 302,882	11,632	11,161
2							52	41	93 326	2 171,508	24 955,577	11,492	11,022
3							53	42	92 758	2 007,713	22 784,069	11,348	10,878
4							54	43	92 138	1 855,168	20 776,356	11,199	10,729
5							55	44	91 451	1 712,869	18 921,188	11,046	10,576
6							56	45	90 718	1 580,585	17 208,319	10,887	10,417
7							57	46	89 920	1 457,385	15 627,734	10,723	10,253
8							58	47	89 066	1 342,824	14 170,349	10,553	10,082
9							59	48	88 125	1 235,945	12 827,524	10,379	9,908
10							60	49	87 117	1 136,572	11 591,580	10,199	9,728
11	0	99 451	44 886,624	629 348,867	14,021	13,551	61	50	86 013	1 043,877	10 455,008	10,016	9,545
12	1	99 123	41 617,353	584 462,243	14,044	13,573	62	51	84 848	957,889	9 411,131	9,825	9,355
13	2	99 085	38 698,762	542 844,890	14,027	13,557	63	52	83 596	877,912	8 453,242	9,629	9,159
14	3	99 060	35 989,893	504 146,128	14,008	13,538	64	53	82 269	803,704	7 575,330	9,426	8,955
15	4	99 030	33 468,650	468 156,235	13,988	13,518	65	54	80 840	734,646	6 771,626	9,218	8,747
16	5	98 998	31 123,678	434 687,586	13,966	13,496	66	55	79 327	670,597	6 036,980	9,002	8,532
17	6	98 960	28 941,056	403 563,907	13,944	13,474	67	56	77 724	611,205	5 366,383	8,780	8,310
18	7	98 918	26 910,562	374 622,852	13,921	13,451	68	57	76 033	556,195	4 755,177	8,549	8,079
19	8	98 855	25 017,079	347 712,290	13,899	13,429	69	58	74 231	505,130	4 198,982	8,313	7,842
20	9	98 795	23 257,566	322 695,210	13,875	13,405	70	59	72 296	457,635	3 693,852	8,072	7,601
21	10	98 729	21 620,648	299 437,644	13,850	13,379	71	60	70 253	413,679	3 236,217	7,823	7,353
22	11	98 666	20 099,270	277 816,996	13,822	13,352	72	61	68 064	372,826	2 822,538	7,571	7,100
23	12	98 602	18 684,991	257 717,726	13,793	13,322	73	62	65 708	334,811	2 449,712	7,317	6,846
24	13	98 541	17 370,483	239 032,734	13,761	13,291	74	63	63 202	299,576	2 114,901	7,060	6,589
25	14	98 474	16 147,691	221 662,252	13,727	13,257	75	64	60 515	266,825	1 815,324	6,803	6,333
26	15	98 404	15 010,347	205 514,561	13,692	13,221	76	65	57 693	236,636	1 548,499	6,544	6,074
27	16	98 330	13 952,694	190 504,214	13,654	13,183	77	66	54 718	208,776	1 311,863	6,284	5,813
28	17	98 252	12 968,950	176 551,520	13,613	13,143	78	67	51 571	183,041	1 103,087	6,026	5,556
29	18	98 174	12 054,547	163 582,570	13,570	13,100	79	68	48 263	159,348	920,046	5,774	5,304
30	19	98 089	11 203,870	151 528,023	13,525	13,054	80	69	44 895	137,886	760,698	5,517	5,047
31	20	98 003	10 413,041	140 324,153	13,476	13,006	81	70	41 387	118,245	622,812	5,267	4,797
32	21	97 910	9 677,328	129 911,112	13,424	12,954	82	71	37 832	100,545	504,567	5,018	4,548
33	22	97 816	8 993,501	120 233,784	13,369	12,899	83	72	34 253	84,683	404,022	4,771	4,301
34	23	97 722	8 358,050	111 240,283	13,309	12,839	84	73	30 678	70,553	319,338	4,526	4,056
35	24	97 621	7 766,881	102 882,233	13,246	12,776	85	74	27 123	58,026	248,785	4,287	3,817
36	25	97 514	7 217,111	95 115,351	13,179	12,709	86	75	23 599	46,964	190,759	4,062	3,592
37	26	97 404	6 705,973	87 898,240	13,107	12,637	87	76	20 174	37,347	143,796	3,850	3,380
38	27	97 281	6 230,289	81 192,267	13,032	12,562	88	77	16 873	29,057	106,448	3,663	3,193
39	28	97 152	5 787,883	74 961,978	12,952	12,481	89	78	13 913	22,288	77,392	3,472	3,002
40	29	97 012	5 376,360	69 174,095	12,866	12,396	90	79	11 240	16,750	55,104	3,290	2,820
41	30	96 853	4 993,061	63 797,735	12,777	12,307	91	80	8 981	12,449	38,354	3,081	2,611
42	31	96 683	4 636,536	58 804,674	12,683	12,213	92	81	6 923	8,927	25,905	2,902	2,432
43	32	96 495	4 304,698	54 168,137	12,583	12,113	93	82	5 151	6,178	16,978	2,748	2,278
44	33	96 276	3 995,285	49 863,440	12,481	12,010	94	83	3 720	4,151	10,800	2,602	2,131
45	34	96 037	3 707,293	45 868,154	12,372	11,902	95	84	2 599	2,697	6,649	2,465	1,995
46	35	95 766	3 438,936	42 160,861	12,260	11,790	96	85	1 751	1,691	3,951	2,336	1,866
47	36	95 462	3 188,839	38 721,925	12,143	11,673	97	86	1 134	1,019	2,260	2,218	1,748
48	37	95 122	2 955,807	35 533,086	12,021	11,551	98	87	705	0,589	1,241	2,106	1,636
49	38	94 736	2 738,435	32 577,279	11,896	11,426	99	88	417	0,324	0,652	2,012	1,542
							100	89	236	0,170	0,328	1,923	1,453

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	2 537,458	29 909,563	11,787	11,317
1							51	39	93 909	2 348,957	27 372,105	11,653	11,183
2							52	40	93 392	2 173,056	25 023,148	11,515	11,045
3							53	41	92 835	2 009,383	22 850,091	11,372	10,901
4							54	42	92 226	1 856,925	20 840,708	11,223	10,753
5							55	43	91 548	1 714,679	18 983,784	11,071	10,601
6							56	44	90 820	1 582,375	17 269,105	10,913	10,443
7							57	45	90 042	1 459,359	15 686,730	10,749	10,279
8							58	46	89 204	1 344,910	14 227,371	10,579	10,108
9							59	47	88 278	1 238,093	12 882,461	10,405	9,935
10							60	48	87 279	1 138,682	11 644,368	10,226	9,756
11							61	49	86 194	1 046,066	10 505,686	10,043	9,573
12	0	99 442	41 750,939	584 747,967	14,006	13,535	62	50	85 046	960,132	9 459,620	9,852	9,382
13	1	99 113	38 709,768	542 997,028	14,027	13,557	63	51	83 805	880,105	8 499,488	9,657	9,187
14	2	99 076	35 995,696	504 287,259	14,010	13,539	64	52	82 498	805,937	7 619,384	9,454	8,984
15	3	99 044	33 473,449	468 291,563	13,990	13,520	65	53	81 087	736,886	6 813,447	9,246	8,776
16	4	99 010	31 127,409	434 818,114	13,969	13,499	66	54	79 580	672,740	6 076,561	9,033	8,562
17	5	98 969	28 943,674	403 690,705	13,947	13,477	67	55	78 004	613,412	5 403,820	8,809	8,339
18	6	98 926	26 912,720	374 747,031	13,925	13,454	68	56	76 323	558,313	4 790,408	8,580	8,110
19	7	98 863	25 019,169	347 834,311	13,903	13,432	69	57	74 539	507,223	4 232,095	8,344	7,873
20	8	98 801	23 259,011	322 815,142	13,879	13,409	70	58	72 627	459,731	3 724,872	8,102	7,632
21	9	98 736	21 622,021	299 556,131	13,854	13,384	71	59	70 590	415,665	3 265,141	7,855	7,385
22	10	98 674	20 100,889	277 934,110	13,827	13,357	72	60	68 438	374,876	2 849,476	7,601	7,131
23	11	98 610	18 686,475	257 833,221	13,798	13,328	73	61	66 084	336,726	2 474,600	7,349	6,879
24	12	98 548	17 371,814	239 146,745	13,766	13,296	74	62	63 602	301,468	2 137,874	7,092	6,621
25	13	98 484	16 149,279	221 774,931	13,733	13,263	75	63	60 921	268,617	1 836,407	6,837	6,366
26	14	98 416	15 012,205	205 625,652	13,697	13,227	76	64	58 111	238,351	1 567,790	6,578	6,107
27	15	98 343	13 954,586	190 613,446	13,660	13,189	77	65	55 145	210,405	1 329,439	6,318	5,848
28	16	98 268	12 971,035	176 658,861	13,619	13,149	78	66	51 999	184,558	1 119,034	6,063	5,593
29	17	98 191	12 056,664	163 687,825	13,577	13,106	79	67	48 702	160,798	934,475	5,811	5,341
30	18	98 111	11 206,318	151 631,162	13,531	13,061	80	68	45 339	139,250	773,677	5,556	5,086
31	19	98 024	10 415,281	140 424,844	13,483	13,012	81	69	41 846	119,556	634,427	5,307	4,836
32	20	97 930	9 679,370	130 009,563	13,432	12,961	82	70	38 289	101,761	514,871	5,060	4,589
33	21	97 837	8 995,445	120 330,192	13,377	12,907	83	71	34 716	85,829	413,110	4,813	4,343
34	22	97 745	8 359,971	111 334,748	13,318	12,847	84	72	31 160	71,662	327,282	4,567	4,097
35	23	97 643	7 768,648	102 974,776	13,255	12,785	85	73	27 602	59,049	255,619	4,329	3,859
36	24	97 536	7 218,753	95 206,128	13,189	12,718	86	74	24 064	47,889	196,570	4,105	3,634
37	25	97 425	6 707,468	87 987,375	13,118	12,648	87	75	20 634	38,199	148,681	3,892	3,422
38	26	97 307	6 231,953	81 279,907	13,042	12,572	88	76	17 312	29,813	110,482	3,706	3,236
39	27	97 177	5 789,377	75 047,954	12,963	12,493	89	77	14 328	22,952	80,670	3,515	3,044
40	28	97 038	5 377,757	69 258,576	12,879	12,408	90	78	11 627	17,326	57,717	3,331	2,861
41	29	96 880	4 994,447	63 880,819	12,790	12,320	91	79	9 331	12,935	40,392	3,123	2,652
42	30	96 709	4 637,809	58 886,373	12,697	12,227	92	80	7 237	9,332	27,457	2,942	2,472
43	31	96 527	4 306,102	54 248,564	12,598	12,128	93	81	5 419	6,500	18,125	2,788	2,318
44	32	96 310	3 996,669	49 942,462	12,496	12,026	94	82	3 944	4,401	11,625	2,641	2,171
45	33	96 072	3 708,635	45 945,793	12,389	11,919	95	83	2 779	2,885	7,224	2,504	2,034
46	34	95 805	3 440,332	42 237,157	12,277	11,807	96	84	1 891	1,826	4,339	2,376	1,905
47	35	95 503	3 190,198	38 796,826	12,161	11,691	97	85	1 240	1,114	2,512	2,255	1,785
48	36	95 167	2 957,186	35 606,627	12,041	11,570	98	86	781	0,652	1,398	2,144	1,674
49	37	94 786	2 739,878	32 649,441	11,916	11,446	99	87	471	0,366	0,746	2,040	1,569
							100	88	270	0,195	0,380	1,951	1,481

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	2 538,796	29 974,059	11,806	11,336
1							51	38	93 964	2 350,343	27 435,263	11,673	11,203
2							52	39	93 458	2 174,586	25 084,920	11,535	11,065
3							53	40	92 901	2 010,816	22 910,334	11,394	10,923
4							54	41	92 302	1 858,469	20 899,519	11,246	10,775
5							55	42	91 635	1 716,302	19 041,050	11,094	10,624
6							56	43	90 916	1 584,047	17 324,747	10,937	10,467
7							57	44	90 144	1 461,011	15 740,700	10,774	10,304
8							58	45	89 325	1 346,732	14 279,689	10,603	10,133
9							59	46	88 415	1 240,016	12 932,957	10,430	9,959
10							60	47	87 431	1 140,661	11 692,941	10,251	9,781
11							61	48	86 354	1 048,008	10 552,280	10,069	9,599
12							62	49	85 225	962,145	9 504,272	9,878	9,408
13	0	99 431	38 834,022	543 260,116	13,989	13,519	63	50	84 001	882,166	8 542,127	9,683	9,213
14	1	99 104	36 005,934	504 426,094	14,010	13,539	64	51	82 704	807,949	7 659,962	9,481	9,010
15	2	99 060	33 478,847	468 420,160	13,992	13,521	65	52	81 312	738,933	6 852,012	9,273	8,803
16	3	99 024	31 131,873	434 941,314	13,971	13,501	66	53	79 823	674,791	6 113,079	9,059	8,589
17	4	98 980	28 947,143	403 809,441	13,950	13,480	67	54	78 254	615,373	5 438,288	8,837	8,367
18	5	98 935	26 915,155	374 862,298	13,928	13,457	68	55	76 598	560,329	4 822,915	8,607	8,137
19	6	98 871	25 021,175	347 947,143	13,906	13,436	69	56	74 823	509,154	4 262,586	8,372	7,902
20	7	98 809	23 260,954	322 925,968	13,883	13,412	70	57	72 928	461,636	3 753,432	8,131	7,660
21	8	98 742	21 623,364	299 665,014	13,858	13,388	71	58	70 914	417,569	3 291,796	7,883	7,413
22	9	98 680	20 102,165	278 041,649	13,831	13,361	72	59	68 767	376,676	2 874,227	7,631	7,160
23	10	98 618	18 687,981	257 939,484	13,802	13,332	73	60	66 447	338,577	2 497,551	7,377	6,906
24	11	98 556	17 373,194	239 251,503	13,771	13,301	74	61	63 965	303,192	2 158,974	7,121	6,651
25	12	98 491	16 150,517	221 878,309	13,738	13,268	75	62	61 306	270,313	1 855,782	6,865	6,395
26	13	98 425	15 013,682	205 727,792	13,703	13,232	76	63	58 501	239,951	1 585,469	6,607	6,137
27	14	98 356	13 956,313	190 714,110	13,665	13,195	77	64	55 545	211,930	1 345,518	6,349	5,879
28	15	98 281	12 972,794	176 757,796	13,625	13,155	78	65	52 405	185,999	1 133,588	6,095	5,624
29	16	98 207	12 058,602	163 785,002	13,582	13,112	79	66	49 106	162,131	947,590	5,845	5,374
30	17	98 128	11 208,285	151 726,400	13,537	13,067	80	67	45 752	140,518	785,459	5,590	5,119
31	18	98 046	10 417,557	140 518,115	13,489	13,018	81	68	42 260	120,739	644,941	5,342	4,871
32	19	97 952	9 681,452	130 100,558	13,438	12,968	82	69	38 714	102,889	524,202	5,095	4,625
33	20	97 857	8 997,343	120 419,106	13,384	12,914	83	70	35 136	86,867	421,313	4,850	4,380
34	21	97 766	8 361,779	111 421,762	13,325	12,855	84	71	31 582	72,631	334,447	4,605	4,134
35	22	97 666	7 770,434	103 059,984	13,263	12,793	85	72	28 036	59,978	261,815	4,365	3,895
36	23	97 559	7 220,395	95 289,550	13,197	12,727	86	73	24 488	48,734	201,838	4,142	3,671
37	24	97 447	6 708,993	88 069,155	13,127	12,657	87	74	21 041	38,951	153,104	3,931	3,460
38	25	97 329	6 233,342	81 360,161	13,052	12,582	88	75	17 706	30,492	114,153	3,744	3,273
39	26	97 203	5 790,925	75 126,819	12,973	12,503	89	76	14 701	23,549	83,661	3,553	3,082
40	27	97 063	5 379,146	69 335,894	12,890	12,419	90	77	11 973	17,842	60,111	3,369	2,899
41	28	96 905	4 995,744	63 956,749	12,802	12,332	91	78	9 652	13,380	42,269	3,159	2,689
42	29	96 736	4 639,096	58 961,005	12,710	12,239	92	79	7 519	9,696	28,889	2,980	2,509
43	30	96 553	4 307,284	54 321,909	12,612	12,141	93	80	5 665	6,795	19,193	2,825	2,354
44	31	96 341	3 997,973	50 014,625	12,510	12,040	94	81	4 150	4,631	12,399	2,678	2,207
45	32	96 105	3 709,920	46 016,652	12,404	11,933	95	82	2 947	3,059	7,768	2,540	2,069
46	33	95 840	3 441,577	42 306,732	12,293	11,823	96	83	2 023	1,953	4,709	2,411	1,941
47	34	95 541	3 191,494	38 865,155	12,178	11,707	97	84	1 339	1,203	2,756	2,291	1,821
48	35	95 207	2 958,447	35 673,662	12,058	11,588	98	85	853	0,713	1,553	2,178	1,708
49	36	94 831	2 741,156	32 715,215	11,935	11,465	99	86	521	0,405	0,840	2,074	1,604
							100	87	305	0,220	0,435	1,976	1,506

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	2 539,980	30 032,835	11,824	11,354
1							51	37	94 014	2 351,581	27 492,855	11,691	11,221
2							52	38	93 513	2 175,869	25 141,274	11,555	11,084
3							53	39	92 966	2 012,231	22 965,405	11,413	10,943
4							54	40	92 368	1 859,795	20 953,174	11,266	10,796
5							55	41	91 711	1 717,730	19 093,380	11,115	10,645
6							56	42	91 002	1 585,547	17 375,650	10,959	10,488
7							57	43	90 239	1 462,555	15 790,103	10,796	10,326
8							58	44	89 426	1 348,256	14 327,548	10,627	10,156
9							59	45	88 535	1 241,696	12 979,292	10,453	9,983
10							60	46	87 567	1 142,433	11 737,596	10,274	9,804
11							61	47	86 504	1 049,830	10 595,163	10,092	9,622
12							62	48	85 383	963,931	9 545,333	9,903	9,432
13							63	49	84 177	884,015	8 581,402	9,707	9,237
14	0	99 422	36 121,509	504 668,356	13,971	13,501	64	50	82 898	809,842	7 697,387	9,505	9,035
15	1	99 088	33 488,368	468 546,847	13,991	13,521	65	51	81 515	740,779	6 887,546	9,298	8,827
16	2	99 040	31 136,893	435 058,479	13,972	13,502	66	52	80 045	676,666	6 146,767	9,084	8,614
17	3	98 995	28 951,294	403 921,586	13,952	13,481	67	53	78 492	617,249	5 470,101	8,862	8,392
18	4	98 947	26 918,381	374 970,292	13,930	13,460	68	54	76 843	562,120	4 852,852	8,633	8,163
19	5	98 880	25 023,439	348 051,911	13,909	13,439	69	55	75 093	510,993	4 290,733	8,397	7,927
20	6	98 817	23 262,820	323 028,472	13,886	13,416	70	56	73 205	463,393	3 779,740	8,157	7,686
21	7	98 750	21 625,171	299 765,652	13,862	13,392	71	57	71 207	419,299	3 316,346	7,909	7,439
22	8	98 686	20 103,414	278 140,482	13,835	13,365	72	58	69 082	378,401	2 897,048	7,656	7,186
23	9	98 624	18 689,167	258 037,068	13,807	13,336	73	59	66 766	340,203	2 518,646	7,403	6,933
24	10	98 564	17 374,594	239 347,900	13,776	13,305	74	60	64 317	304,859	2 178,444	7,146	6,675
25	11	98 499	16 151,800	221 973,306	13,743	13,273	75	61	61 656	271,859	1 873,585	6,892	6,421
26	12	98 433	15 014,833	205 821,506	13,708	13,238	76	62	58 871	241,466	1 601,726	6,633	6,163
27	13	98 365	13 957,686	190 806,673	13,670	13,200	77	63	55 918	213,353	1 360,260	6,376	5,905
28	14	98 293	12 974,400	176 848,987	13,631	13,160	78	64	52 784	187,347	1 146,907	6,122	5,652
29	15	98 220	12 060,237	163 874,587	13,588	13,118	79	65	49 489	163,396	959,561	5,873	5,402
30	16	98 144	11 210,088	151 814,350	13,543	13,072	80	66	46 131	141,682	796,165	5,619	5,149
31	17	98 063	10 419,386	140 604,262	13,494	13,024	81	67	42 645	121,838	654,483	5,372	4,901
32	18	97 973	9 683,568	130 184,876	13,444	12,974	82	68	39 097	103,907	532,645	5,126	4,656
33	19	97 878	8 999,279	120 501,309	13,390	12,920	83	69	35 526	87,830	428,738	4,881	4,411
34	20	97 786	8 363,543	111 502,030	13,332	12,862	84	70	31 964	73,510	340,908	4,638	4,167
35	21	97 687	7 772,114	103 138,487	13,270	12,800	85	71	28 415	60,789	267,399	4,399	3,929
36	22	97 581	7 222,055	95 366,373	13,205	12,735	86	72	24 873	49,500	206,610	4,174	3,704
37	23	97 470	6 710,520	88 144,318	13,135	12,665	87	73	21 412	39,638	157,110	3,964	3,493
38	24	97 351	6 234,760	81 433,799	13,061	12,591	88	74	18 055	31,093	117,472	3,778	3,308
39	25	97 224	5 792,215	75 199,039	12,983	12,512	89	75	15 036	24,086	86,379	3,586	3,116
40	26	97 089	5 380,583	69 406,824	12,899	12,429	90	76	12 285	18,306	62,293	3,403	2,932
41	27	96 930	4 997,034	64 026,240	12,813	12,343	91	77	9 940	13,779	43,986	3,192	2,722
42	28	96 761	4 640,301	59 029,206	12,721	12,251	92	78	7 778	10,029	30,207	3,012	2,542
43	29	96 580	4 308,479	54 388,905	12,624	12,153	93	79	5 886	7,060	20,178	2,858	2,388
44	30	96 368	3 999,070	50 080,427	12,523	12,053	94	80	4 338	4,840	13,118	2,710	2,240
45	31	96 136	3 711,130	46 081,356	12,417	11,947	95	81	3 100	3,218	8,278	2,572	2,102
46	32	95 873	3 442,769	42 370,226	12,307	11,837	96	82	2 145	2,071	5,060	2,443	1,973
47	33	95 576	3 192,649	38 927,457	12,193	11,723	97	83	1 432	1,287	2,989	2,323	1,853
48	34	95 246	2 959,648	35 734,808	12,074	11,604	98	84	922	0,770	1,702	2,211	1,740
49	35	94 871	2 742,325	32 775,160	11,952	11,481	99	85	570	0,443	0,932	2,105	1,635
							100	86	337	0,244	0,489	2,008	1,538

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	2 541,063	30 086,395	11,840	11,370
1							51	36	94 058	2 352,678	27 545,333	11,708	11,238
2							52	37	93 562	2 177,015	25 192,654	11,572	11,102
3							53	38	93 021	2 013,418	23 015,639	11,431	10,961
4							54	39	92 433	1 861,103	21 002,221	11,285	10,815
5							55	40	91 776	1 718,955	19 141,117	11,135	10,665
6							56	41	91 078	1 586,865	17 422,162	10,979	10,509
7							57	42	90 325	1 463,940	15 835,297	10,817	10,347
8							58	43	89 520	1 349,681	14 371,357	10,648	10,178
9							59	44	88 635	1 243,102	13 021,676	10,475	10,005
10							60	45	87 685	1 143,980	11 778,574	10,296	9,826
11							61	46	86 638	1 051,460	10 634,594	10,114	9,644
12							62	47	85 531	965,607	9 583,134	9,924	9,454
13							63	48	84 333	885,656	8 617,527	9,730	9,260
14							64	49	83 071	811,539	7 731,871	9,527	9,057
15	0	99 406	33 595,862	468 769,934	13,953	13,483	65	50	81 706	742,513	6 920,332	9,320	8,850
16	1	99 068	31 145,748	435 174,072	13,972	13,502	66	51	80 245	678,356	6 177,818	9,107	8,637
17	2	99 011	28 955,962	404 028,323	13,953	13,483	67	52	78 710	618,964	5 499,462	8,885	8,415
18	3	98 961	26 922,241	375 072,361	13,932	13,461	68	53	77 077	563,833	4 880,499	8,656	8,186
19	4	98 892	25 026,438	348 150,120	13,911	13,441	69	54	75 333	512,626	4 316,665	8,421	7,950
20	5	98 826	23 264,924	323 123,681	13,889	13,419	70	55	73 470	465,066	3 804,039	8,180	7,709
21	6	98 758	21 626,905	299 858,757	13,865	13,395	71	56	71 478	420,895	3 338,973	7,933	7,463
22	7	98 694	20 105,094	278 231,853	13,839	13,369	72	57	69 368	379,969	2 918,077	7,680	7,209
23	8	98 631	18 690,328	258 126,759	13,811	13,340	73	58	67 072	341,761	2 538,108	7,427	6,956
24	9	98 570	17 375,697	239 436,431	13,780	13,310	74	59	64 626	306,322	2 196,347	7,170	6,700
25	10	98 507	16 153,101	222 060,734	13,747	13,277	75	60	61 995	273,353	1 890,025	6,914	6,444
26	11	98 441	15 016,026	205 907,632	13,713	13,242	76	61	59 207	242,847	1 616,672	6,657	6,187
27	12	98 373	13 958,756	190 891,607	13,675	13,205	77	62	56 271	214,700	1 373,825	6,399	5,929
28	13	98 303	12 975,676	176 932,850	13,636	13,165	78	63	53 139	188,604	1 159,125	6,146	5,676
29	14	98 232	12 061,730	163 957,174	13,593	13,123	79	64	49 848	164,580	970,520	5,897	5,427
30	15	98 157	11 211,607	151 895,444	13,548	13,078	80	65	46 491	142,788	805,940	5,644	5,174
31	16	98 079	10 421,061	140 683,836	13,500	13,030	81	66	42 998	122,848	663,153	5,398	4,928
32	17	97 990	9 685,268	130 262,775	13,450	12,979	82	67	39 452	104,853	540,305	5,153	4,683
33	18	97 900	9 001,245	120 577,507	13,396	12,925	83	68	35 877	88,699	435,452	4,909	4,439
34	19	97 807	8 365,342	111 576,263	13,338	12,868	84	69	32 318	74,325	346,754	4,665	4,195
35	20	97 707	7 773,754	103 210,920	13,277	12,807	85	70	28 758	61,524	272,429	4,428	3,958
36	21	97 602	7 223,616	95 437,166	13,212	12,742	86	71	25 210	50,169	210,905	4,204	3,734
37	22	97 492	6 712,062	88 213,550	13,143	12,672	87	72	21 748	40,261	160,736	3,992	3,522
38	23	97 373	6 236,178	81 501,488	13,069	12,599	88	73	18 374	31,641	120,474	3,807	3,337
39	24	97 246	5 793,532	75 265,310	12,991	12,521	89	74	15 332	24,561	88,833	3,617	3,147
40	25	97 110	5 381,782	69 471,777	12,909	12,438	90	75	12 565	18,724	64,272	3,433	2,962
41	26	96 956	4 998,370	64 089,995	12,822	12,352	91	76	10 198	14,137	45,549	3,222	2,752
42	27	96 786	4 641,499	59 091,625	12,731	12,261	92	77	8 010	10,328	31,411	3,041	2,571
43	28	96 605	4 309,598	54 450,126	12,635	12,164	93	78	6 088	7,303	21,083	2,887	2,417
44	29	96 394	4 000,180	50 140,528	12,535	12,064	94	79	4 507	5,029	13,780	2,740	2,270
45	30	96 163	3 712,149	46 140,348	12,430	11,959	95	80	3 241	3,364	8,751	2,601	2,131
46	31	95 904	3 443,892	42 428,200	12,320	11,850	96	81	2 256	2,179	5,387	2,473	2,002
47	32	95 609	3 193,755	38 984,308	12,206	11,736	97	82	1 519	1,364	3,208	2,352	1,882
48	33	95 280	2 960,719	35 790,553	12,088	11,618	98	83	986	0,823	1,844	2,240	1,769
49	34	94 910	2 743,438	32 829,834	11,967	11,496	99	84	615	0,478	1,021	2,135	1,664
							100	85	369	0,266	0,543	2,036	1,566



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	2 542,094	30 135,238	11,854	11,384
1							51	35	94 098	2 353,682	27 593,144	11,723	11,253
2							52	36	93 606	2 178,031	25 239,462	11,588	11,118
3							53	37	93 070	2 014,479	23 061,431	11,448	10,978
4							54	38	92 488	1 862,201	21 046,952	11,302	10,832
5							55	39	91 841	1 720,165	19 184,751	11,153	10,683
6							56	40	91 143	1 587,997	17 464,586	10,998	10,528
7							57	41	90 400	1 465,158	15 876,589	10,836	10,366
8							58	42	89 605	1 350,959	14 411,431	10,668	10,197
9							59	43	88 729	1 244,415	13 060,473	10,495	10,025
10							60	44	87 784	1 145,276	11 816,057	10,317	9,847
11							61	45	86 755	1 052,884	10 670,782	10,135	9,665
12							62	46	85 664	967,107	9 617,898	9,945	9,475
13							63	47	84 480	887,196	8 650,791	9,751	9,280
14							64	48	83 226	813,046	7 763,595	9,549	9,078
15							65	49	81 877	744,070	6 950,549	9,341	8,871
16	0	99 386	31 245,723	435 379,509	13,934	13,464	66	50	80 433	679,945	6 206,479	9,128	8,658
17	1	99 039	28 964,198	404 133,786	13,953	13,483	67	51	78 907	620,509	5 526,535	8,906	8,436
18	2	98 977	26 926,582	375 169,588	13,933	13,463	68	52	77 291	565,400	4 906,026	8,677	8,207
19	3	98 906	25 030,027	348 243,007	13,913	13,443	69	53	75 563	514,189	4 340,625	8,442	7,971
20	4	98 838	23 267,713	323 212,979	13,891	13,421	70	54	73 704	466,553	3 826,437	8,202	7,731
21	5	98 767	21 628,861	299 945,266	13,868	13,398	71	55	71 737	422,415	3 359,884	7,954	7,484
22	6	98 702	20 106,706	278 316,405	13,842	13,372	72	56	69 632	381,416	2 937,469	7,701	7,231
23	7	98 639	18 691,890	258 209,699	13,814	13,344	73	57	67 350	343,177	2 556,053	7,448	6,978
24	8	98 576	17 376,776	239 517,810	13,784	13,314	74	58	64 922	307,725	2 212,876	7,191	6,721
25	9	98 513	16 154,127	222 141,033	13,751	13,281	75	59	62 293	274,666	1 905,151	6,936	6,466
26	10	98 449	15 017,235	205 986,906	13,717	13,246	76	60	59 533	244,182	1 630,485	6,677	6,207
27	11	98 381	13 959,865	190 969,671	13,680	13,210	77	61	56 593	215,928	1 386,303	6,420	5,950
28	12	98 311	12 976,671	177 009,806	13,641	13,170	78	62	53 474	189,795	1 170,375	6,167	5,696
29	13	98 242	12 062,917	164 033,135	13,598	13,128	79	63	50 182	165,685	980,580	5,918	5,448
30	14	98 169	11 212,996	151 970,218	13,553	13,083	80	64	46 828	143,823	814,895	5,666	5,196
31	15	98 092	10 422,474	140 757,222	13,505	13,035	81	65	43 334	123,806	671,072	5,420	4,950
32	16	98 006	9 686,825	130 334,748	13,455	12,985	82	66	39 779	105,722	547,266	5,176	4,706
33	17	97 917	9 002,825	120 647,923	13,401	12,931	83	67	36 204	89,506	441,544	4,933	4,463
34	18	97 829	8 367,170	111 645,098	13,343	12,873	84	68	32 638	75,060	352,038	4,690	4,220
35	19	97 728	7 775,426	103 277,928	13,283	12,812	85	69	29 077	62,206	276,978	4,453	3,982
36	20	97 623	7 225,140	95 502,502	13,218	12,748	86	70	25 514	50,776	214,772	4,230	3,760
37	21	97 513	6 713,513	88 277,361	13,149	12,679	87	71	22 042	40,806	163,996	4,019	3,549
38	22	97 396	6 237,612	81 563,848	13,076	12,606	88	72	18 663	32,139	123,190	3,833	3,363
39	23	97 269	5 794,851	75 326,237	12,999	12,529	89	73	15 602	24,994	91,052	3,643	3,173
40	24	97 132	5 383,006	69 531,386	12,917	12,447	90	74	12 812	19,093	66,058	3,460	2,990
41	25	96 978	4 999,484	64 148,380	12,831	12,361	91	75	10 431	14,459	46,965	3,248	2,778
42	26	96 812	4 642,739	59 148,896	12,740	12,270	92	76	8 218	10,597	32,506	3,067	2,597
43	27	96 630	4 310,711	54 506,157	12,644	12,174	93	77	6 270	7,521	21,909	2,913	2,443
44	28	96 419	4 001,219	50 195,446	12,545	12,075	94	78	4 662	5,202	14,388	2,766	2,295
45	29	96 189	3 713,179	46 194,227	12,441	11,970	95	79	3 367	3,495	9,186	2,628	2,158
46	30	95 931	3 444,838	42 481,048	12,332	11,862	96	80	2 359	2,278	5,691	2,499	2,028
47	31	95 640	3 194,796	39 036,211	12,219	11,748	97	81	1 598	1,435	3,413	2,378	1,908
48	32	95 313	2 961,745	35 841,414	12,101	11,631	98	82	1 045	0,873	1,978	2,266	1,795
49	33	94 944	2 744,431	32 879,669	11,981	11,510	99	83	658	0,511	1,105	2,161	1,690
							100	84	398	0,288	0,594	2,063	1,592

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	2 543,015	30 179,752	11,868	11,397
1							51	34	94 136	2 354,637	27 636,738	11,737	11,267
2							52	35	93 646	2 178,959	25 282,101	11,603	11,133
3							53	36	93 114	2 015,419	23 103,141	11,463	10,993
4							54	37	92 536	1 863,183	21 087,722	11,318	10,848
5							55	38	91 895	1 721,180	19 224,540	11,169	10,699
6							56	39	91 207	1 589,115	17 503,360	11,015	10,544
7							57	40	90 464	1 466,203	15 914,245	10,854	10,384
8							58	41	89 680	1 352,082	14 448,042	10,686	10,215
9							59	42	88 813	1 245,593	13 095,960	10,514	10,044
10							60	43	87 877	1 146,486	11 850,367	10,336	9,866
11							61	44	86 854	1 054,076	10 703,881	10,155	9,684
12							62	45	85 780	968,416	9 649,805	9,965	9,494
13							63	46	84 611	888,574	8 681,388	9,770	9,300
14							64	47	83 370	814,459	7 792,814	9,568	9,098
15							65	48	82 029	745,451	6 978,355	9,361	8,891
16							66	49	80 601	681,370	6 232,904	9,148	8,677
17	0	99 357	29 057,170	404 322,971	13,915	13,444	67	50	79 092	621,962	5 551,534	8,926	8,456
18	1	99 005	26 934,240	375 265,802	13,933	13,462	68	51	77 484	566,812	4 929,571	8,697	8,227
19	2	98 922	25 034,063	348 331,561	13,914	13,444	69	52	75 772	515,617	4 362,759	8,461	7,991
20	3	98 852	23 271,049	323 297,498	13,893	13,422	70	53	73 929	467,975	3 847,142	8,221	7,751
21	4	98 779	21 631,454	300 026,449	13,870	13,400	71	54	71 966	423,765	3 379,167	7,974	7,504
22	5	98 711	20 108,525	278 394,995	13,845	13,374	72	55	69 883	382,793	2 955,402	7,721	7,250
23	6	98 647	18 693,389	258 286,470	13,817	13,347	73	56	67 606	344,484	2 572,609	7,468	6,998
24	7	98 584	17 378,228	239 593,082	13,787	13,317	74	57	65 191	309,000	2 228,125	7,211	6,740
25	8	98 519	16 155,130	222 214,854	13,755	13,285	75	58	62 578	275,924	1 919,125	6,955	6,485
26	9	98 455	15 018,189	206 059,723	13,721	13,250	76	59	59 819	245,355	1 643,201	6,697	6,227
27	10	98 389	13 960,990	191 041,534	13,684	13,214	77	60	56 904	217,115	1 397,846	6,438	5,968
28	11	98 318	12 977,702	177 080,544	13,645	13,175	78	61	53 780	190,881	1 180,731	6,186	5,715
29	12	98 250	12 063,842	164 102,843	13,603	13,133	79	62	50 499	166,731	989,851	5,937	5,467
30	13	98 179	11 214,099	152 039,001	13,558	13,088	80	63	47 142	144,788	823,120	5,685	5,215
31	14	98 104	10 423,764	140 824,902	13,510	13,040	81	64	43 648	124,704	678,332	5,440	4,969
32	15	98 019	9 688,138	130 401,138	13,460	12,990	82	65	40 090	106,547	553,628	5,196	4,726
33	16	97 933	9 004,273	120 713,000	13,406	12,936	83	66	36 504	90,248	447,082	4,954	4,484
34	17	97 846	8 368,639	111 708,727	13,348	12,878	84	67	32 935	75,743	356,834	4,711	4,241
35	18	97 750	7 777,125	103 340,088	13,288	12,817	85	68	29 365	62,821	281,091	4,474	4,004
36	19	97 644	7 226,695	95 562,963	13,224	12,753	86	69	25 797	51,339	218,269	4,252	3,781
37	20	97 534	6 714,930	88 336,268	13,155	12,685	87	70	22 309	41,299	166,930	4,042	3,572
38	21	97 417	6 238,960	81 621,338	13,083	12,612	88	71	18 915	32,573	125,631	3,857	3,387
39	22	97 291	5 796,182	75 382,378	13,006	12,535	89	72	15 848	25,387	93,057	3,666	3,195
40	23	97 154	5 384,231	69 586,196	12,924	12,454	90	73	13 038	19,429	67,671	3,483	3,013
41	24	97 000	5 000,621	64 201,965	12,839	12,369	91	74	10 636	14,744	48,241	3,272	2,802
42	25	96 834	4 643,774	59 201,344	12,749	12,278	92	75	8 405	10,838	33,497	3,091	2,620
43	26	96 656	4 311,863	54 557,570	12,653	12,183	93	76	6 433	7,716	22,659	2,937	2,466
44	27	96 444	4 002,252	50 245,707	12,554	12,084	94	77	4 801	5,357	14,942	2,789	2,319
45	28	96 214	3 714,143	46 243,455	12,451	11,980	95	78	3 483	3,615	9,585	2,651	2,181
46	29	95 957	3 445,793	42 529,312	12,342	11,872	96	79	2 451	2,366	5,970	2,523	2,052
47	30	95 667	3 195,673	39 083,518	12,230	11,760	97	80	1 670	1,500	3,603	2,402	1,931
48	31	95 344	2 962,711	35 887,845	12,113	11,643	98	81	1 099	0,919	2,103	2,289	1,819
49	32	94 977	2 745,382	32 925,134	11,993	11,523	99	82	698	0,542	1,184	2,184	1,714
							100	83	426	0,308	0,642	2,086	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	2 543,896	30 220,355	11,880	11,409
1							51	33	94 170	2 355,489	27 676,460	11,750	11,279
2							52	34	93 684	2 179,844	25 320,971	11,616	11,146
3							53	35	93 153	2 016,278	23 141,126	11,477	11,007
4							54	36	92 580	1 864,052	21 124,848	11,333	10,862
5							55	37	91 943	1 722,087	19 260,796	11,185	10,714
6							56	38	91 261	1 590,052	17 538,710	11,030	10,560
7							57	39	90 528	1 467,235	15 948,657	10,870	10,400
8							58	40	89 744	1 353,047	14 481,423	10,703	10,233
9							59	41	88 887	1 246,629	13 128,376	10,531	10,061
10							60	42	87 960	1 147,571	11 881,747	10,354	9,884
11							61	43	86 945	1 055,190	10 734,176	10,173	9,702
12							62	44	85 877	969,513	9 678,986	9,983	9,513
13							63	45	84 726	889,777	8 709,473	9,788	9,318
14							64	46	83 500	815,724	7 819,695	9,586	9,116
15							65	47	82 172	746,747	7 003,971	9,379	8,909
16							66	48	80 751	682,635	6 257,224	9,166	8,696
17							67	49	79 258	623,266	5 574,589	8,944	8,474
18	0	99 323	27 020,696	375 440,023	13,895	13,424	68	50	77 666	568,139	4 951,322	8,715	8,245
19	1	98 950	25 041,183	348 419,327	13,914	13,444	69	51	75 962	516,905	4 383,183	8,480	8,009
20	2	98 868	23 274,802	323 378,144	13,894	13,424	70	52	74 135	469,276	3 866,278	8,239	7,769
21	3	98 793	21 634,556	300 103,342	13,871	13,401	71	53	72 185	425,057	3 397,003	7,992	7,522
22	4	98 723	20 110,935	278 468,787	13,847	13,376	72	54	70 107	384,016	2 971,946	7,739	7,269
23	5	98 656	18 695,080	258 357,851	13,820	13,349	73	55	67 850	345,727	2 587,929	7,485	7,015
24	6	98 592	17 379,622	239 662,772	13,790	13,320	74	56	65 439	310,177	2 242,202	7,229	6,759
25	7	98 528	16 156,480	222 283,150	13,758	13,288	75	57	62 838	277,067	1 932,025	6,973	6,503
26	8	98 461	15 019,122	206 126,670	13,724	13,254	76	58	60 093	246,478	1 654,958	6,714	6,244
27	9	98 395	13 961,876	191 107,548	13,688	13,218	77	59	57 177	218,157	1 408,480	6,456	5,986
28	10	98 326	12 978,747	177 145,672	13,649	13,179	78	60	54 076	191,930	1 190,322	6,202	5,732
29	11	98 257	12 064,800	164 166,925	13,607	13,137	79	61	50 788	167,685	998,392	5,954	5,484
30	12	98 186	11 214,958	152 102,125	13,562	13,092	80	62	47 440	145,702	830,708	5,701	5,231
31	13	98 114	10 424,790	140 887,167	13,515	13,044	81	63	43 941	125,541	685,005	5,456	4,986
32	14	98 031	9 689,338	130 462,377	13,465	12,994	82	64	40 380	107,319	559,465	5,213	4,743
33	15	97 946	9 005,494	120 773,039	13,411	12,941	83	65	36 789	90,952	452,146	4,971	4,501
34	16	97 862	8 369,985	111 767,545	13,353	12,883	84	66	33 208	76,371	361,194	4,729	4,259
35	17	97 767	7 778,491	103 397,561	13,293	12,822	85	67	29 632	63,393	284,823	4,493	4,023
36	18	97 665	7 228,273	95 619,070	13,228	12,758	86	68	26 053	51,847	221,430	4,271	3,801
37	19	97 555	6 716,374	88 390,797	13,160	12,690	87	69	22 556	41,757	169,583	4,061	3,591
38	20	97 437	6 240,277	81 674,423	13,088	12,618	88	70	19 144	32,967	127,826	3,877	3,407
39	21	97 312	5 797,436	75 434,146	13,012	12,541	89	71	16 062	25,730	94,858	3,687	3,216
40	22	97 177	5 385,468	69 636,710	12,930	12,460	90	72	13 243	19,735	69,128	3,503	3,033
41	23	97 022	5 001,758	64 251,242	12,846	12,375	91	73	10 824	15,004	49,393	3,292	2,822
42	24	96 856	4 644,830	59 249,484	12,756	12,286	92	74	8 571	11,052	34,389	3,112	2,641
43	25	96 678	4 312,824	54 604,653	12,661	12,191	93	75	6 579	7,892	23,337	2,957	2,487
44	26	96 470	4 003,322	50 291,829	12,563	12,092	94	76	4 926	5,497	15,445	2,810	2,340
45	27	96 239	3 715,102	46 288,508	12,460	11,989	95	77	3 587	3,723	9,948	2,672	2,202
46	28	95 982	3 446,689	42 573,405	12,352	11,882	96	78	2 535	2,448	6,225	2,543	2,073
47	29	95 693	3 196,560	39 126,717	12,240	11,770	97	79	1 735	1,559	3,777	2,423	1,953
48	30	95 371	2 963,524	35 930,157	12,124	11,654	98	80	1 149	0,960	2,218	2,310	1,840
49	31	95 008	2 746,277	32 966,633	12,004	11,534	99	81	734	0,570	1,258	2,205	1,735
							100	82	451	0,326	0,688	2,107	1,637

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	2 544,725	30 257,411	11,890	11,420
1							51	32	94 203	2 356,305	27 712,685	11,761	11,291
2							52	33	93 718	2 180,633	25 356,380	11,628	11,158
3							53	34	93 191	2 017,097	23 175,747	11,490	11,019
4							54	35	92 619	1 864,847	21 158,650	11,346	10,876
5							55	36	91 986	1 722,890	19 293,803	11,199	10,728
6							56	37	91 309	1 590,890	17 570,913	11,045	10,574
7							57	38	90 581	1 468,100	15 980,023	10,885	10,415
8							58	39	89 807	1 353,999	14 511,923	10,718	10,248
9							59	40	88 950	1 247,519	13 157,924	10,547	10,077
10							60	41	88 034	1 148,526	11 910,406	10,370	9,900
11							61	42	87 028	1 056,189	10 761,880	10,189	9,719
12							62	43	85 968	970,537	9 705,691	10,000	9,530
13							63	44	84 822	890,785	8 735,154	9,806	9,336
14							64	45	83 613	816,829	7 844,369	9,603	9,133
15							65	46	82 300	747,907	7 027,540	9,396	8,926
16							66	47	80 891	683,822	6 279,632	9,183	8,713
17							67	48	79 405	624,423	5 595,811	8,962	8,491
18							68	49	77 829	569,330	4 971,388	8,732	8,262
19	0	99 268	25 121,563	348 579,760	13,876	13,405	69	50	76 140	518,115	4 402,057	8,496	8,026
20	1	98 896	23 281,421	323 458,197	13,893	13,423	70	51	74 320	470,447	3 883,942	8,256	7,786
21	2	98 809	21 638,044	300 176,776	13,873	13,402	71	52	72 386	426,238	3 413,494	8,008	7,538
22	3	98 737	20 113,819	278 538,731	13,848	13,378	72	53	70 320	385,187	2 987,256	7,755	7,285
23	4	98 667	18 697,321	258 424,912	13,821	13,351	73	54	68 067	346,833	2 602,069	7,502	7,032
24	5	98 601	17 381,194	239 727,592	13,792	13,322	74	55	65 675	311,297	2 255,237	7,245	6,774
25	6	98 536	16 157,776	222 346,398	13,761	13,291	75	56	63 077	278,122	1 943,940	6,990	6,519
26	7	98 469	15 020,377	206 188,622	13,727	13,257	76	57	60 342	247,500	1 665,818	6,731	6,260
27	8	98 401	13 962,743	191 168,246	13,691	13,221	77	58	57 439	219,157	1 418,318	6,472	6,001
28	9	98 333	12 979,571	177 205,502	13,653	13,182	78	59	54 335	192,851	1 199,162	6,218	5,748
29	10	98 265	12 065,772	164 225,931	13,611	13,141	79	60	51 067	168,606	1 006,310	5,968	5,498
30	11	98 194	11 215,849	152 160,159	13,567	13,096	80	61	47 711	146,535	837,704	5,717	5,246
31	12	98 121	10 425,589	140 944,310	13,519	13,049	81	62	44 219	126,334	691,168	5,471	5,001
32	13	98 041	9 690,291	130 518,721	13,469	12,999	82	63	40 651	108,039	564,835	5,228	4,758
33	14	97 958	9 006,608	120 828,430	13,416	12,945	83	64	37 055	91,611	456,796	4,986	4,516
34	15	97 875	8 371,119	111 821,821	13,358	12,888	84	65	33 467	76,967	365,184	4,745	4,274
35	16	97 783	7 779,741	103 450,702	13,297	12,827	85	66	29 878	63,919	288,218	4,509	4,039
36	17	97 682	7 229,542	95 670,961	13,233	12,763	86	67	26 290	52,319	224,299	4,287	3,817
37	18	97 576	6 717,842	88 441,418	13,165	12,695	87	68	22 780	42,170	171,980	4,078	3,608
38	19	97 458	6 241,619	81 723,577	13,093	12,623	88	69	19 356	33,333	129,810	3,894	3,424
39	20	97 332	5 798,659	75 481,957	13,017	12,547	89	70	16 256	26,041	96,477	3,705	3,234
40	21	97 198	5 386,633	69 683,298	12,936	12,466	90	71	13 422	20,002	70,436	3,521	3,051
41	22	97 044	5 002,908	64 296,666	12,852	12,382	91	72	10 994	15,240	50,434	3,309	2,839
42	23	96 878	4 645,887	59 293,758	12,763	12,292	92	73	8 722	11,247	35,194	3,129	2,659
43	24	96 700	4 313,805	54 647,871	12,668	12,198	93	74	6 709	8,047	23,947	2,976	2,505
44	25	96 492	4 004,214	50 334,066	12,570	12,100	94	75	5 038	5,622	15,899	2,828	2,358
45	26	96 265	3 716,095	46 329,852	12,467	11,997	95	76	3 680	3,820	10,277	2,690	2,220
46	27	96 007	3 447,579	42 613,757	12,360	11,890	96	77	2 611	2,521	6,457	2,562	2,091
47	28	95 718	3 197,391	39 166,179	12,249	11,779	97	78	1 795	1,612	3,936	2,441	1,971
48	29	95 397	2 964,346	35 968,788	12,134	11,664	98	79	1 194	0,998	2,324	2,329	1,859
49	30	95 034	2 747,031	33 004,442	12,015	11,544	99	80	767	0,596	1,326	2,224	1,754
							100	81	475	0,343	0,730	2,126	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	2 545,424	30 291,162	11,900	11,430
1							51	31	94 233	2 357,074	27 745,739	11,771	11,301
2							52	32	93 750	2 181,389	25 388,665	11,639	11,168
3							53	33	93 225	2 017,827	23 207,276	11,501	11,031
4							54	34	92 657	1 865,604	21 189,449	11,358	10,888
5							55	35	92 026	1 723,625	19 323,846	11,211	10,741
6							56	36	91 352	1 591,632	17 600,221	11,058	10,588
7							57	37	90 629	1 468,874	16 008,589	10,899	10,428
8							58	38	89 860	1 354,798	14 539,715	10,732	10,262
9							59	39	89 013	1 248,396	13 184,917	10,561	10,091
10							60	40	88 096	1 149,345	11 936,521	10,385	9,915
11							61	41	87 100	1 057,068	10 787,176	10,205	9,735
12							62	42	86 049	971,456	9 730,108	10,016	9,546
13							63	43	84 911	891,726	8 758,652	9,822	9,352
14							64	44	83 707	817,754	7 866,926	9,620	9,150
15							65	45	82 411	748,920	7 049,172	9,412	8,942
16							66	46	81 017	684,884	6 300,252	9,199	8,729
17							67	47	79 543	625,509	5 615,368	8,977	8,507
18							68	48	77 973	570,387	4 989,859	8,748	8,278
19							69	49	76 299	519,202	4 419,472	8,512	8,042
20	0	99 213	23 356,152	323 605,937	13,855	13,385	70	50	74 494	471,549	3 900,270	8,271	7,801
21	1	98 837	21 644,198	300 249,785	13,872	13,402	71	51	72 567	427,302	3 428,721	8,024	7,554
22	2	98 753	20 117,062	278 605,586	13,849	13,379	72	52	70 516	386,257	3 001,419	7,771	7,300
23	3	98 682	18 700,002	258 488,524	13,823	13,353	73	53	68 275	347,890	2 615,162	7,517	7,047
24	4	98 613	17 383,277	239 788,522	13,794	13,324	74	54	65 885	312,292	2 267,272	7,260	6,790
25	5	98 545	16 159,237	222 405,245	13,763	13,293	75	55	63 305	279,126	1 954,980	7,004	6,534
26	6	98 477	15 021,581	206 246,008	13,730	13,260	76	56	60 571	248,442	1 675,854	6,745	6,275
27	7	98 409	13 963,910	191 224,427	13,694	13,224	77	57	57 677	220,065	1 427,412	6,486	6,016
28	8	98 339	12 980,378	177 260,517	13,656	13,186	78	58	54 584	193,735	1 207,347	6,232	5,762
29	9	98 272	12 066,538	164 280,139	13,615	13,144	79	59	51 312	169,416	1 013,613	5,983	5,513
30	10	98 202	11 216,753	152 213,601	13,570	13,100	80	60	47 973	147,341	844,197	5,730	5,259
31	11	98 129	10 426,417	140 996,848	13,523	13,053	81	61	44 471	127,056	696,855	5,485	5,014
32	12	98 049	9 691,034	130 570,431	13,473	13,003	82	62	40 908	108,721	569,800	5,241	4,771
33	13	97 968	9 007,495	120 879,397	13,420	12,950	83	63	37 304	92,226	461,078	4,999	4,529
34	14	97 887	8 372,156	111 871,903	13,362	12,892	84	64	33 709	77,525	368,852	4,758	4,288
35	15	97 796	7 780,796	103 499,747	13,302	12,832	85	65	30 111	64,417	291,327	4,522	4,052
36	16	97 698	7 230,705	95 718,951	13,238	12,768	86	66	26 508	52,752	226,910	4,301	3,831
37	17	97 593	6 719,021	88 488,246	13,170	12,700	87	67	22 987	42,554	174,158	4,093	3,622
38	18	97 480	6 242,983	81 769,225	13,098	12,628	88	68	19 548	33,663	131,603	3,909	3,439
39	19	97 353	5 799,906	75 526,242	13,022	12,552	89	69	16 436	26,330	97,941	3,720	3,249
40	20	97 218	5 387,769	69 726,336	12,942	12,471	90	70	13 585	20,244	71,611	3,537	3,067
41	21	97 065	5 003,989	64 338,566	12,857	12,387	91	71	11 143	15,446	51,367	3,326	2,855
42	22	96 900	4 646,955	59 334,577	12,768	12,298	92	72	8 859	11,424	35,921	3,144	2,674
43	23	96 722	4 314,786	54 687,622	12,674	12,204	93	73	6 827	8,189	24,497	2,991	2,521
44	24	96 514	4 005,124	50 372,836	12,577	12,107	94	74	5 138	5,733	16,308	2,845	2,374
45	25	96 286	3 716,923	46 367,711	12,475	12,004	95	75	3 764	3,907	10,575	2,707	2,236
46	26	96 033	3 448,500	42 650,788	12,368	11,898	96	76	2 679	2,586	6,668	2,578	2,108
47	27	95 743	3 198,216	39 202,288	12,258	11,787	97	77	1 849	1,661	4,081	2,458	1,988
48	28	95 422	2 965,116	36 004,072	12,143	11,672	98	78	1 235	1,032	2,421	2,346	1,875
49	29	95 060	2 747,793	33 038,956	12,024	11,554	99	79	797	0,620	1,389	2,241	1,771
							100	80	496	0,359	0,769	2,143	1,673

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	2 546,130	30 321,966	11,909	11,439
1							51	30	94 259	2 357,721	27 775,836	11,781	11,311
2							52	31	93 781	2 182,100	25 418,116	11,648	11,178
3							53	32	93 257	2 018,526	23 236,016	11,511	11,041
4							54	33	92 690	1 866,279	21 217,490	11,369	10,899
5							55	34	92 063	1 724,324	19 351,211	11,222	10,752
6							56	35	91 391	1 592,311	17 626,886	11,070	10,600
7							57	36	90 671	1 469,559	16 034,575	10,911	10,441
8							58	37	89 907	1 355,512	14 565,016	10,745	10,275
9							59	38	89 065	1 249,133	13 209,505	10,575	10,105
10							60	39	88 158	1 150,154	11 960,372	10,399	9,929
11							61	40	87 162	1 057,822	10 810,218	10,219	9,749
12							62	41	86 121	972,264	9 752,396	10,031	9,560
13							63	42	84 992	892,570	8 780,132	9,837	9,367
14							64	43	83 796	818,618	7 887,562	9,635	9,165
15							65	44	82 504	749,768	7 068,944	9,428	8,958
16							66	45	81 127	685,811	6 319,176	9,214	8,744
17							67	46	79 666	626,481	5 633,365	8,992	8,522
18							68	47	78 109	571,379	5 006,884	8,763	8,293
19							69	48	76 441	520,165	4 435,505	8,527	8,057
20							70	49	74 650	472,538	3 915,340	8,286	7,815
21	0	99 154	21 713,674	300 385,837	13,834	13,364	71	50	72 736	428,303	3 442,802	8,038	7,568
22	1	98 781	20 122,784	278 672,164	13,849	13,378	72	51	70 692	387,222	3 014,499	7,785	7,315
23	2	98 698	18 703,017	258 549,380	13,824	13,354	73	52	68 464	348,856	2 627,277	7,531	7,061
24	3	98 627	17 385,770	239 846,363	13,796	13,325	74	53	66 086	313,244	2 278,421	7,274	6,803
25	4	98 556	16 161,174	222 460,593	13,765	13,295	75	54	63 507	280,018	1 965,177	7,018	6,548
26	5	98 486	15 022,940	206 299,418	13,732	13,262	76	55	60 790	249,339	1 685,159	6,759	6,288
27	6	98 417	13 965,030	191 276,478	13,697	13,227	77	56	57 897	220,903	1 435,820	6,500	6,030
28	7	98 347	12 981,462	177 311,449	13,659	13,189	78	57	54 810	194,538	1 214,917	6,245	5,775
29	8	98 278	12 067,287	164 329,986	13,618	13,148	79	58	51 548	170,192	1 020,380	5,995	5,525
30	9	98 208	11 217,465	152 262,699	13,574	13,103	80	59	48 204	148,049	850,188	5,743	5,272
31	10	98 137	10 427,257	141 045,234	13,527	13,056	81	60	44 716	127,754	702,139	5,496	5,026
32	11	98 056	9 691,804	130 617,977	13,477	13,007	82	61	41 142	109,343	574,385	5,253	4,783
33	12	97 975	9 008,185	120 926,173	13,424	12,954	83	62	37 540	92,809	465,042	5,011	4,540
34	13	97 897	8 372,979	111 917,988	13,367	12,896	84	63	33 936	78,045	372,233	4,769	4,299
35	14	97 808	7 781,759	103 545,009	13,306	12,836	85	64	30 329	64,884	294,188	4,534	4,064
36	15	97 711	7 231,685	95 763,250	13,242	12,772	86	65	26 714	53,164	229,304	4,313	3,843
37	16	97 609	6 720,101	88 531,564	13,174	12,704	87	66	23 177	42,907	176,140	4,105	3,635
38	17	97 497	6 244,079	81 811,463	13,102	12,632	88	67	19 725	33,969	133,233	3,922	3,452
39	18	97 375	5 801,173	75 567,384	13,026	12,556	89	68	16 599	26,591	99,264	3,733	3,263
40	19	97 239	5 388,928	69 766,210	12,946	12,476	90	69	13 735	20,468	72,673	3,551	3,080
41	20	97 086	5 005,045	64 377,282	12,862	12,392	91	70	11 278	15,633	52,205	3,339	2,869
42	21	96 921	4 647,960	59 372,236	12,774	12,304	92	71	8 979	11,578	36,572	3,159	2,688
43	22	96 744	4 315,778	54 724,277	12,680	12,210	93	72	6 934	8,318	24,994	3,005	2,534
44	23	96 536	4 006,036	50 408,499	12,583	12,113	94	73	5 228	5,834	16,676	2,858	2,388
45	24	96 308	3 717,769	46 402,463	12,481	12,011	95	74	3 838	3,984	10,842	2,721	2,251
46	25	96 054	3 449,268	42 684,695	12,375	11,905	96	75	2 740	2,645	6,858	2,592	2,122
47	26	95 768	3 199,071	39 235,426	12,265	11,794	97	76	1 897	1,704	4,212	2,472	2,002
48	27	95 447	2 965,882	36 036,356	12,150	11,680	98	77	1 272	1,063	2,509	2,360	1,890
49	28	95 085	2 748,507	33 070,474	12,032	11,562	99	78	825	0,641	1,446	2,256	1,786
							100	79	516	0,373	0,805	2,159	1,688

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	2 546,791	30 350,090	11,917	11,447
1							51	29	94 285	2 358,375	27 803,299	11,789	11,319
2							52	30	93 807	2 182,699	25 444,924	11,658	11,187
3							53	31	93 288	2 019,184	23 262,225	11,521	11,050
4							54	32	92 722	1 866,926	21 243,040	11,379	10,908
5							55	33	92 096	1 724,948	19 376,115	11,233	10,763
6							56	34	91 428	1 592,957	17 651,166	11,081	10,610
7							57	35	90 710	1 470,186	16 058,209	10,923	10,452
8							58	36	89 949	1 356,144	14 588,024	10,757	10,287
9							59	37	89 112	1 249,791	13 231,879	10,587	10,117
10							60	38	88 210	1 150,832	11 982,088	10,412	9,941
11							61	39	87 224	1 058,566	10 831,256	10,232	9,762
12							62	40	86 182	972,958	9 772,690	10,044	9,574
13							63	41	85 062	893,313	8 799,732	9,851	9,380
14							64	42	83 875	819,393	7 906,420	9,649	9,179
15							65	43	82 592	750,560	7 087,027	9,442	8,972
16							66	44	81 218	686,588	6 336,466	9,229	8,759
17							67	45	79 774	627,329	5 649,879	9,006	8,536
18							68	46	78 230	572,266	5 022,549	8,777	8,306
19							69	47	76 574	521,070	4 450,283	8,541	8,070
20							70	48	74 788	473,415	3 929,213	8,300	7,829
21							71	49	72 889	429,201	3 455,798	8,052	7,581
22	0	99 098	20 187,376	278 797,458	13,810	13,340	72	50	70 857	388,129	3 026,597	7,798	7,328
23	1	98 726	18 708,336	258 610,083	13,823	13,353	73	51	68 635	349,728	2 638,469	7,544	7,074
24	2	98 643	17 388,573	239 901,746	13,797	13,326	74	52	66 270	314,114	2 288,741	7,286	6,816
25	3	98 570	16 163,492	222 513,173	13,766	13,296	75	53	63 701	280,872	1 974,627	7,030	6,560
26	4	98 498	15 024,741	206 349,681	13,734	13,264	76	54	60 984	250,136	1 693,755	6,771	6,301
27	5	98 426	13 966,293	191 324,940	13,699	13,229	77	55	58 106	221,700	1 443,619	6,512	6,041
28	6	98 355	12 982,503	177 358,647	13,661	13,191	78	56	55 019	195,278	1 221,919	6,257	5,787
29	7	98 286	12 068,296	164 376,144	13,620	13,150	79	57	51 761	170,897	1 026,641	6,007	5,537
30	8	98 215	11 218,162	152 307,848	13,577	13,107	80	58	48 425	148,727	855,744	5,754	5,284
31	9	98 143	10 427,919	141 089,687	13,530	13,060	81	59	44 931	128,368	707,017	5,508	5,037
32	10	98 064	9 692,584	130 661,768	13,481	13,010	82	60	41 368	109,944	578,649	5,263	4,793
33	11	97 983	9 008,901	120 969,183	13,428	12,957	83	61	37 754	93,339	468,705	5,022	4,551
34	12	97 904	8 373,621	111 960,283	13,371	12,900	84	62	34 150	78,538	375,366	4,779	4,309
35	13	97 818	7 782,525	103 586,661	13,310	12,840	85	63	30 533	65,320	296,828	4,544	4,074
36	14	97 723	7 232,581	95 804,136	13,246	12,776	86	64	26 908	53,549	231,508	4,323	3,853
37	15	97 622	6 721,013	88 571,556	13,178	12,708	87	65	23 358	43,242	177,959	4,115	3,645
38	16	97 512	6 245,083	81 850,543	13,106	12,636	88	66	19 889	34,250	134,717	3,933	3,463
39	17	97 392	5 802,192	75 605,460	13,030	12,560	89	67	16 750	26,833	100,466	3,744	3,274
40	18	97 260	5 390,106	69 803,268	12,950	12,480	90	68	13 871	20,670	73,634	3,562	3,092
41	19	97 107	5 006,122	64 413,162	12,867	12,397	91	69	11 403	15,807	52,963	3,351	2,880
42	20	96 941	4 648,940	59 407,040	12,779	12,308	92	70	9 087	11,718	37,157	3,171	2,701
43	21	96 765	4 316,711	54 758,100	12,685	12,215	93	71	7 028	8,431	25,439	3,017	2,547
44	22	96 558	4 006,956	50 441,389	12,588	12,118	94	72	5 310	5,926	17,008	2,870	2,400
45	23	96 330	3 718,614	46 434,433	12,487	12,017	95	73	3 906	4,054	11,082	2,733	2,263
46	24	96 076	3 450,053	42 715,818	12,381	11,911	96	74	2 794	2,697	7,028	2,605	2,135
47	25	95 790	3 199,784	39 265,765	12,271	11,801	97	75	1 940	1,743	4,331	2,485	2,015
48	26	95 472	2 966,675	36 065,982	12,157	11,687	98	76	1 305	1,090	2,588	2,373	1,903
49	27	95 109	2 749,217	33 099,307	12,040	11,569	99	77	849	0,660	1,498	2,269	1,799
							100	78	533	0,386	0,838	2,172	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,50%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	2 547,449	30 375,814	11,924	11,454
1							51	28	94 310	2 358,988	27 828,365	11,797	11,326
2							52	29	93 833	2 183,305	25 469,377	11,666	11,195
3							53	30	93 313	2 019,739	23 286,073	11,529	11,059
4							54	31	92 753	1 867,534	21 266,334	11,387	10,917
5							55	32	92 128	1 725,546	19 398,800	11,242	10,772
6							56	33	91 461	1 593,534	17 673,254	11,091	10,620
7							57	34	90 747	1 470,782	16 079,720	10,933	10,462
8							58	35	89 987	1 356,722	14 608,937	10,768	10,298
9							59	36	89 154	1 250,374	13 252,215	10,599	10,128
10							60	37	88 257	1 151,439	12 001,841	10,423	9,953
11							61	38	87 275	1 059,191	10 850,402	10,244	9,774
12							62	39	86 243	973,642	9 791,212	10,056	9,586
13							63	40	85 123	893,950	8 817,569	9,864	9,393
14							64	41	83 945	820,075	7 923,619	9,662	9,192
15							65	42	82 670	751,271	7 103,545	9,455	8,985
16							66	43	81 304	687,313	6 352,274	9,242	8,772
17							67	44	79 865	628,039	5 664,961	9,020	8,550
18							68	45	78 336	573,042	5 036,921	8,790	8,320
19							69	46	76 693	521,879	4 463,880	8,553	8,083
20							70	47	74 918	474,238	3 942,001	8,312	7,842
21							71	48	73 024	429,998	3 467,763	8,065	7,594
22							72	49	71 006	388,942	3 037,765	7,810	7,340
23	0	99 043	18 768,388	258 725,472	13,785	13,315	73	50	68 796	350,547	2 648,823	7,556	7,086
24	1	98 671	17 393,519	239 957,084	13,796	13,325	74	51	66 435	314,899	2 298,276	7,298	6,828
25	2	98 586	16 166,098	222 563,565	13,767	13,297	75	52	63 878	281,652	1 983,378	7,042	6,572
26	3	98 512	15 026,895	206 397,467	13,735	13,265	76	53	61 170	250,898	1 701,725	6,783	6,312
27	4	98 438	13 967,967	191 370,572	13,701	13,230	77	54	58 291	222,409	1 450,827	6,523	6,053
28	5	98 364	12 983,678	177 402,605	13,664	13,193	78	55	55 218	195,983	1 228,418	6,268	5,798
29	6	98 294	12 069,263	164 418,927	13,623	13,153	79	56	51 958	171,548	1 032,435	6,018	5,548
30	7	98 223	11 219,099	152 349,664	13,579	13,109	80	57	48 625	149,343	860,887	5,764	5,294
31	8	98 149	10 428,567	141 130,565	13,533	13,063	81	58	45 136	128,956	711,544	5,518	5,047
32	9	98 070	9 693,200	130 701,998	13,484	13,014	82	59	41 567	110,472	582,588	5,274	4,803
33	10	97 991	9 009,626	121 008,798	13,431	12,961	83	60	37 962	93,852	472,116	5,030	4,560
34	11	97 912	8 374,286	111 999,172	13,374	12,904	84	61	34 345	78,987	378,264	4,789	4,319
35	12	97 825	7 783,122	103 624,885	13,314	12,844	85	62	30 725	65,732	299,277	4,553	4,083
36	13	97 733	7 233,292	95 841,764	13,250	12,780	86	63	27 089	53,909	233,544	4,332	3,862
37	14	97 634	6 721,845	88 608,472	13,182	12,712	87	64	23 528	43,555	179,636	4,124	3,654
38	15	97 526	6 245,930	81 886,627	13,110	12,640	88	65	20 044	34,518	136,080	3,942	3,472
39	16	97 407	5 803,125	75 640,697	13,034	12,564	89	66	16 889	27,055	101,563	3,754	3,284
40	17	97 277	5 391,052	69 837,572	12,954	12,484	90	67	13 997	20,859	74,508	3,572	3,102
41	18	97 128	5 007,216	64 446,520	12,871	12,400	91	68	11 515	15,963	53,649	3,361	2,891
42	19	96 962	4 649,940	59 439,305	12,783	12,313	92	69	9 188	11,848	37,686	3,181	2,710
43	20	96 785	4 317,622	54 789,364	12,690	12,219	93	70	7 113	8,533	25,838	3,028	2,558
44	21	96 579	4 007,823	50 471,742	12,593	12,123	94	71	5 382	6,006	17,305	2,881	2,411
45	22	96 352	3 719,469	46 463,920	12,492	12,022	95	72	3 967	4,118	11,300	2,744	2,274
46	23	96 098	3 450,838	42 744,450	12,387	11,916	96	73	2 843	2,745	7,182	2,616	2,146
47	24	95 811	3 200,511	39 293,613	12,277	11,807	97	74	1 978	1,777	4,437	2,497	2,027
48	25	95 493	2 967,336	36 093,101	12,163	11,693	98	75	1 335	1,115	2,660	2,385	1,914
49	26	95 135	2 749,952	33 125,765	12,046	11,576	99	76	871	0,677	1,544	2,281	1,810
							100	77	549	0,397	0,867	2,183	1,713



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	2 548,130	30 399,417	11,930	11,460
1							51	27	94 334	2 359,597	27 851,287	11,803	11,333
2							52	28	93 857	2 183,872	25 491,691	11,673	11,202
3							53	29	93 339	2 020,299	23 307,819	11,537	11,067
4							54	30	92 778	1 868,047	21 287,520	11,396	10,925
5							55	31	92 158	1 726,109	19 419,473	11,250	10,780
6							56	32	91 493	1 594,086	17 693,364	11,099	10,629
7							57	33	90 780	1 471,315	16 099,278	10,942	10,472
8							58	34	90 024	1 357,273	14 627,963	10,777	10,307
9							59	35	89 192	1 250,907	13 270,690	10,609	10,139
10							60	36	88 298	1 151,976	12 019,783	10,434	9,964
11							61	37	87 321	1 059,749	10 867,807	10,255	9,785
12							62	38	86 294	974,217	9 808,058	10,068	9,597
13							63	39	85 183	894,579	8 833,842	9,875	9,405
14							64	40	84 005	820,660	7 939,263	9,674	9,204
15							65	41	82 739	751,896	7 118,603	9,468	8,997
16							66	42	81 381	687,964	6 366,707	9,254	8,784
17							67	43	79 949	628,703	5 678,743	9,032	8,562
18							68	44	78 425	573,690	5 050,040	8,803	8,332
19							69	45	76 797	522,586	4 476,350	8,566	8,095
20							70	46	75 035	474,975	3 953,764	8,324	7,854
21							71	47	73 151	430,745	3 478,790	8,076	7,606
22							72	48	71 138	389,664	3 048,044	7,822	7,352
23							73	49	68 940	351,281	2 658,380	7,568	7,097
24	0	98 988	17 449,350	240 063,354	13,758	13,287	74	50	66 591	315,636	2 307,098	7,309	6,839
25	1	98 614	16 170,696	222 614,004	13,767	13,296	75	51	64 037	282,356	1 991,462	7,053	6,583
26	2	98 528	15 029,318	206 443,308	13,736	13,266	76	52	61 340	251,596	1 709,107	6,793	6,323
27	3	98 452	13 969,970	191 413,990	13,702	13,232	77	53	58 469	223,087	1 457,511	6,533	6,063
28	4	98 375	12 985,234	177 444,020	13,665	13,195	78	54	55 394	196,610	1 234,425	6,279	5,808
29	5	98 303	12 070,355	164 458,786	13,625	13,155	79	55	52 146	172,167	1 037,815	6,028	5,558
30	6	98 231	11 219,999	152 388,431	13,582	13,112	80	56	48 810	149,911	865,648	5,774	5,304
31	7	98 157	10 429,438	141 168,432	13,536	13,065	81	57	45 323	129,490	715,736	5,527	5,057
32	8	98 077	9 693,802	130 738,994	13,487	13,017	82	58	41 757	110,978	586,246	5,283	4,812
33	9	97 997	9 010,198	121 045,192	13,434	12,964	83	59	38 144	94,303	475,268	5,040	4,570
34	10	97 920	8 374,961	112 034,993	13,377	12,907	84	60	34 534	79,421	380,965	4,797	4,326
35	11	97 833	7 783,740	103 660,032	13,318	12,847	85	61	30 901	66,108	301,544	4,561	4,091
36	12	97 740	7 233,847	95 876,293	13,254	12,784	86	62	27 260	54,249	235,435	4,340	3,870
37	13	97 644	6 722,506	88 642,446	13,186	12,716	87	63	23 685	43,848	181,186	4,132	3,662
38	14	97 538	6 246,703	81 919,940	13,114	12,644	88	64	20 189	34,768	137,339	3,950	3,480
39	15	97 421	5 803,912	75 673,237	13,038	12,568	89	65	17 021	27,266	102,571	3,762	3,292
40	16	97 293	5 391,919	69 869,325	12,958	12,488	90	66	14 113	21,031	75,305	3,581	3,110
41	17	97 145	5 008,095	64 477,406	12,875	12,404	91	67	11 620	16,108	54,273	3,369	2,899
42	18	96 983	4 650,956	59 469,311	12,786	12,316	92	68	9 279	11,965	38,165	3,190	2,719
43	19	96 806	4 318,551	54 818,355	12,694	12,223	93	69	7 192	8,627	26,200	3,037	2,567
44	20	96 599	4 008,669	50 499,805	12,598	12,127	94	70	5 447	6,078	17,572	2,891	2,421
45	21	96 373	3 720,273	46 491,136	12,497	12,026	95	71	4 021	4,174	11,494	2,754	2,284
46	22	96 120	3 451,631	42 770,863	12,391	11,921	96	72	2 888	2,788	7,320	2,625	2,155
47	23	95 833	3 201,240	39 319,232	12,283	11,812	97	73	2 013	1,808	4,532	2,506	2,036
48	24	95 515	2 968,011	36 117,992	12,169	11,699	98	74	1 361	1,137	2,724	2,395	1,925
49	25	95 156	2 750,565	33 149,982	12,052	11,582	99	75	891	0,693	1,587	2,291	1,820
							100	76	564	0,408	0,894	2,194	1,723

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre**

**Zinsfuß 7,50%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	2 548,698	30 421,016	11,936	11,466
1							51	26	94 359	2 360,227	27 872,319	11,809	11,339
2							52	27	93 881	2 184,436	25 512,091	11,679	11,209
3							53	28	93 363	2 020,824	23 327,656	11,544	11,073
4							54	29	92 804	1 868,565	21 306,832	11,403	10,932
5							55	30	92 183	1 726,583	19 438,266	11,258	10,788
6							56	31	91 522	1 594,606	17 711,684	11,107	10,637
7							57	32	90 811	1 471,825	16 117,078	10,950	10,480
8							58	33	90 057	1 357,764	14 645,253	10,786	10,316
9							59	34	89 228	1 251,415	13 287,489	10,618	10,148
10							60	35	88 336	1 152,467	12 036,074	10,444	9,973
11							61	36	87 362	1 060,243	10 883,607	10,265	9,795
12							62	37	86 339	974,730	9 823,364	10,078	9,608
13							63	38	85 233	895,107	8 848,634	9,886	9,415
14							64	39	84 064	821,237	7 953,527	9,685	9,215
15							65	40	82 798	752,432	7 132,290	9,479	9,009
16							66	41	81 449	688,536	6 379,858	9,266	8,796
17							67	42	80 025	629,298	5 691,322	9,044	8,574
18							68	43	78 508	574,296	5 062,023	8,814	8,344
19							69	44	76 884	523,178	4 487,727	8,578	8,108
20							70	45	75 136	475,618	3 964,549	8,336	7,865
21							71	46	73 265	431,414	3 488,932	8,087	7,617
22							72	47	71 261	390,342	3 057,517	7,833	7,363
23							73	48	69 068	351,934	2 667,175	7,579	7,108
24							74	49	66 730	316,298	2 315,242	7,320	6,850
25	0	98 931	16 222,602	222 711,874	13,728	13,258	75	50	64 187	283,017	1 998,944	7,063	6,593
26	1	98 556	15 033,593	206 489,272	13,735	13,265	76	51	61 494	252,224	1 715,927	6,803	6,333
27	2	98 468	13 972,223	191 455,680	13,703	13,232	77	52	58 631	223,707	1 463,703	6,543	6,073
28	3	98 390	12 987,096	177 483,457	13,666	13,196	78	53	55 563	197,209	1 239,997	6,288	5,817
29	4	98 314	12 071,802	164 496,361	13,626	13,156	79	54	52 312	172,717	1 042,788	6,038	5,567
30	5	98 239	11 221,014	152 424,559	13,584	13,114	80	55	48 987	150,453	870,070	5,783	5,313
31	6	98 165	10 430,275	141 203,545	13,538	13,068	81	56	45 496	129,983	719,618	5,536	5,066
32	7	98 085	9 694,612	130 773,271	13,489	13,019	82	57	41 930	111,438	589,634	5,291	4,821
33	8	98 003	9 010,758	121 078,659	13,437	12,967	83	58	38 319	94,735	478,196	5,048	4,577
34	9	97 926	8 375,493	112 067,901	13,380	12,910	84	59	34 700	79,803	383,461	4,805	4,335
35	10	97 841	7 784,367	103 692,408	13,321	12,850	85	60	31 071	66,472	303,659	4,568	4,098
36	11	97 748	7 234,421	95 908,041	13,257	12,787	86	61	27 416	54,559	237,187	4,347	3,877
37	12	97 651	6 723,021	88 673,620	13,190	12,719	87	62	23 835	44,124	182,628	4,139	3,669
38	13	97 547	6 247,318	81 950,599	13,118	12,647	88	63	20 325	35,001	138,503	3,957	3,487
39	14	97 433	5 804,630	75 703,281	13,042	12,572	89	64	17 144	27,464	103,502	3,769	3,298
40	15	97 306	5 392,650	69 898,651	12,962	12,492	90	65	14 224	21,196	76,038	3,587	3,117
41	16	97 160	5 008,900	64 506,001	12,878	12,408	91	66	11 717	16,242	54,843	3,377	2,906
42	17	97 001	4 651,773	59 497,101	12,790	12,320	92	67	9 364	12,074	38,601	3,197	2,727
43	18	96 827	4 319,494	54 845,328	12,697	12,227	93	68	7 263	8,713	26,527	3,045	2,574
44	19	96 620	4 009,531	50 525,834	12,601	12,131	94	69	5 508	6,146	17,814	2,899	2,428
45	20	96 393	3 721,058	46 516,303	12,501	12,031	95	70	4 070	4,224	11,668	2,762	2,292
46	21	96 141	3 452,377	42 795,245	12,396	11,926	96	71	2 927	2,826	7,444	2,634	2,164
47	22	95 855	3 201,975	39 342,868	12,287	11,817	97	72	2 045	1,837	4,618	2,515	2,044
48	23	95 537	2 968,686	36 140,892	12,174	11,704	98	73	1 385	1,157	2,782	2,404	1,933
49	24	95 178	2 751,190	33 172,206	12,057	11,587	99	74	909	0,706	1,624	2,300	1,830
							100	75	576	0,417	0,918	2,203	1,732

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 366 431,800	13,664	13,194	50	50	93 003	2 226,556	24 837,216	11,155	10,684
1	1	99 275	92 134,707	1 266 431,800	13,745	13,275	51	51	92 389	2 052,774	22 610,660	11,015	10,544
2	2	99 212	85 453,110	1 174 297,093	13,742	13,271	52	52	91 717	1 891,258	20 557,886	10,870	10,399
3	3	99 177	79 278,782	1 088 843,983	13,734	13,264	53	53	90 982	1 741,158	18 666,629	10,721	10,250
4	4	99 147	73 554,938	1 009 565,201	13,725	13,255	54	54	90 185	1 601,770	16 925,471	10,567	10,096
5	5	99 121	68 246,427	936 010,263	13,715	13,244	55	55	89 321	1 472,329	15 323,701	10,408	9,937
6	6	99 101	63 324,694	867 763,835	13,703	13,233	56	56	88 386	1 352,122	13 851,372	10,244	9,774
7	7	99 082	58 759,111	804 439,141	13,690	13,220	57	57	87 395	1 240,798	12 499,250	10,074	9,603
8	8	99 064	54 522,988	745 680,030	13,676	13,206	58	58	86 341	1 137,668	11 258,451	9,896	9,425
9	9	99 049	50 593,373	691 157,042	13,661	13,190	59	59	85 187	1 041,732	10 120,784	9,715	9,245
10	10	99 034	46 947,395	640 563,669	13,644	13,174	60	60	83 967	952,951	9 079,052	9,527	9,057
11	11	99 017	43 563,263	593 616,274	13,627	13,156	61	61	82 622	870,247	8 126,101	9,338	8,867
12	12	99 000	40 422,801	550 053,011	13,607	13,137	62	62	81 229	794,034	7 255,854	9,138	8,667
13	13	98 982	37 508,562	509 630,210	13,587	13,116	63	63	79 727	723,295	6 461,821	8,934	8,463
14	14	98 963	34 804,259	472 121,648	13,565	13,094	64	64	78 155	658,038	5 738,525	8,721	8,250
15	15	98 935	32 291,611	437 317,389	13,543	13,072	65	65	76 477	597,599	5 080,488	8,501	8,031
16	16	98 902	29 958,965	405 025,778	13,519	13,049	66	66	74 702	541,745	4 482,888	8,275	7,804
17	17	98 856	27 791,430	375 066,813	13,496	13,025	67	67	72 853	490,334	3 941,144	8,038	7,567
18	18	98 805	25 779,178	347 275,383	13,471	13,000	68	68	70 895	442,832	3 450,810	7,793	7,322
19	19	98 729	23 906,472	321 496,205	13,448	12,977	69	69	68 821	398,958	3 007,978	7,540	7,069
20	20	98 654	22 170,114	297 589,733	13,423	12,952	70	70	66 595	358,285	2 609,020	7,282	6,811
21	21	98 574	20 558,881	275 419,619	13,397	12,926	71	71	64 247	320,792	2 250,735	7,016	6,546
22	22	98 497	19 065,287	254 860,738	13,368	12,897	72	72	61 752	286,158	1 929,942	6,744	6,274
23	23	98 419	17 679,982	235 795,451	13,337	12,866	73	73	59 028	253,860	1 643,784	6,475	6,005
24	24	98 342	16 395,569	218 115,469	13,303	12,833	74	74	56 145	224,094	1 389,925	6,202	5,732
25	25	98 263	15 204,081	201 719,900	13,267	12,797	75	75	53 072	196,596	1 165,830	5,930	5,459
26	26	98 183	14 099,011	186 515,819	13,229	12,758	76	76	49 829	171,304	969,235	5,658	5,187
27	27	98 097	13 073,444	172 416,808	13,188	12,718	77	77	46 421	148,110	797,930	5,387	4,917
28	28	98 010	12 122,318	159 343,363	13,145	12,674	78	78	42 837	126,844	649,820	5,123	4,652
29	29	97 924	11 240,519	147 221,046	13,097	12,627	79	79	39 108	107,474	522,976	4,866	4,395
30	30	97 833	10 422,433	135 980,527	13,047	12,576	80	80	35 359	90,182	415,502	4,607	4,137
31	31	97 742	9 663,713	125 558,094	12,993	12,522	81	81	31 529	74,629	325,320	4,359	3,889
32	32	97 637	8 959,074	115 894,381	12,936	12,465	82	82	27 725	60,904	250,691	4,116	3,645
33	33	97 531	8 305,600	106 935,308	12,875	12,404	83	83	23 995	48,920	189,787	3,880	3,409
34	34	97 425	7 699,829	98 629,707	12,809	12,339	84	84	20 410	38,619	140,867	3,648	3,177
35	35	97 306	7 137,342	90 929,878	12,740	12,269	85	85	17 005	29,861	102,248	3,424	2,953
36	36	97 181	6 615,429	83 792,537	12,666	12,196	86	86	13 800	22,490	72,387	3,219	2,748
37	37	97 047	6 131,149	77 177,107	12,588	12,117	87	87	10 900	16,486	49,897	3,027	2,556
38	38	96 900	5 681,547	71 045,959	12,505	12,034	88	88	8 281	11,624	33,410	2,874	2,404
39	39	96 738	5 264,115	65 364,412	12,417	11,946	89	89	6 150	8,012	21,786	2,719	2,249
40	40	96 557	4 876,323	60 100,296	12,325	11,854	90	90	4 421	5,345	13,775	2,577	2,106
41	41	96 357	4 516,198	55 223,973	12,228	11,757	91	91	3 126	3,508	8,430	2,403	1,932
42	42	96 134	4 181,664	50 707,775	12,126	11,656	92	92	2 083	2,169	4,922	2,269	1,798
43	43	95 888	3 870,971	46 526,111	12,019	11,549	93	93	1 322	1,278	2,753	2,154	1,683
44	44	95 602	3 581,855	42 655,140	11,909	11,438	94	94	803	0,720	1,475	2,047	1,577
45	45	95 291	3 313,402	39 073,285	11,792	11,322	95	95	465	0,387	0,754	1,950	1,479
46	46	94 933	3 063,521	35 759,884	11,673	11,202	96	96	256	0,197	0,368	1,861	1,391
47	47	94 524	2 830,946	32 696,363	11,550	11,079	97	97	133	0,096	0,170	1,780	1,310
48	48	94 068	2 614,656	29 865,416	11,422	10,952	98	98	66	0,044	0,075	1,707	1,236
49	49	93 563	2 413,545	27 250,761	11,291	10,820	99	99	30	0,019	0,031	1,640	1,169
							100	100	13	0,008	0,012	1,579	1,109

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 365 702,394	13,701	13,230	50	51	92 786	2 221,353	24 666,927	11,104	10,634
1	2	99 247	92 108,510	1 266 022,355	13,745	13,274	51	52	92 159	2 047,661	22 445,574	10,962	10,491
2	3	99 196	85 439,333	1 173 913,845	13,740	13,269	52	53	91 463	1 886,017	20 397,913	10,815	10,345
3	4	99 162	79 267,415	1 088 474,511	13,732	13,261	53	54	90 705	1 735,866	18 511,896	10,664	10,194
4	5	99 135	73 546,123	1 009 207,097	13,722	13,251	54	55	89 897	1 596,666	16 776,029	10,507	10,036
5	6	99 112	68 240,254	935 660,974	13,711	13,241	55	56	89 000	1 467,032	15 179,363	10,347	9,876
6	7	99 093	63 319,617	867 420,720	13,699	13,228	56	57	88 051	1 346,994	13 712,331	10,180	9,709
7	8	99 074	58 754,202	804 101,103	13,686	13,215	57	58	87 034	1 235,678	12 365,337	10,007	9,536
8	9	99 058	54 519,601	745 346,901	13,671	13,201	58	59	85 947	1 132,480	11 129,659	9,828	9,357
9	10	99 042	50 590,161	690 827,299	13,655	13,185	59	60	84 780	1 036,754	9 997,178	9,643	9,172
10	11	99 026	46 943,613	640 237,138	13,638	13,168	60	61	83 508	947,740	8 960,424	9,455	8,984
11	12	99 009	43 559,803	593 293,525	13,620	13,150	61	62	82 152	865,299	8 012,684	9,260	8,789
12	13	98 992	40 419,702	549 733,722	13,601	13,130	62	63	80 719	789,051	7 147,385	9,058	8,588
13	14	98 972	37 504,872	509 314,019	13,580	13,109	63	64	79 195	718,472	6 358,334	8,850	8,379
14	15	98 951	34 799,950	471 809,147	13,558	13,087	64	65	77 593	653,303	5 639,862	8,633	8,162
15	16	98 921	32 287,234	437 009,197	13,535	13,064	65	66	75 885	592,972	4 986,559	8,409	7,939
16	17	98 886	29 954,149	404 721,964	13,511	13,041	66	67	74 088	537,292	4 393,587	8,177	7,707
17	18	98 839	27 786,552	374 767,815	13,487	13,017	67	68	72 196	485,911	3 856,295	7,936	7,466
18	19	98 784	25 773,547	346 981,263	13,463	12,992	68	69	70 200	438,494	3 370,384	7,686	7,216
19	20	98 708	23 901,331	321 207,716	13,439	12,968	69	70	68 066	394,582	2 931,889	7,430	6,960
20	21	98 633	22 165,436	297 306,385	13,413	12,942	70	71	65 799	354,004	2 537,307	7,167	6,697
21	22	98 553	20 554,437	275 140,949	13,386	12,915	71	72	63 389	316,512	2 183,303	6,898	6,427
22	23	98 474	19 060,905	254 586,512	13,356	12,886	72	73	60 796	281,730	1 866,791	6,626	6,156
23	24	98 397	17 675,961	235 525,606	13,325	12,854	73	74	58 004	249,459	1 585,061	6,354	5,883
24	25	98 320	16 391,841	217 849,646	13,290	12,819	74	75	55 060	219,764	1 335,602	6,077	5,607
25	26	98 242	15 200,693	201 457,804	13,253	12,783	75	76	51 890	192,215	1 115,838	5,805	5,334
26	27	98 157	14 095,244	186 257,111	13,214	12,744	76	77	48 566	166,962	923,623	5,532	5,061
27	28	98 072	13 070,070	172 161,866	13,172	12,702	77	78	45 077	143,822	756,661	5,261	4,790
28	29	97 984	12 119,169	159 091,797	13,127	12,657	78	79	41 412	122,625	612,839	4,998	4,527
29	30	97 896	11 237,401	146 972,628	13,079	12,608	79	80	37 640	103,438	490,214	4,739	4,269
30	31	97 807	10 419,572	135 735,227	13,027	12,556	80	81	33 826	86,271	386,776	4,483	4,013
31	32	97 710	9 660,562	125 315,654	12,972	12,501	81	82	29 968	70,935	300,505	4,236	3,766
32	33	97 604	8 955,971	115 655,092	12,914	12,443	82	83	26 148	57,441	229,570	3,997	3,526
33	34	97 495	8 302,596	106 699,121	12,851	12,381	83	84	22 436	45,742	172,129	3,763	3,292
34	35	97 385	7 696,704	98 396,526	12,784	12,314	84	85	18 900	35,762	126,387	3,534	3,063
35	36	97 265	7 134,300	90 699,822	12,713	12,243	85	86	15 555	27,314	90,625	3,318	2,847
36	37	97 135	6 612,345	83 565,522	12,638	12,167	86	87	12 466	20,317	63,311	3,116	2,646
37	38	96 996	6 127,919	76 953,177	12,558	12,087	87	88	9 650	14,596	42,995	2,946	2,475
38	39	96 843	5 678,198	70 825,258	12,473	12,003	88	89	7 242	10,166	28,399	2,794	2,323
39	40	96 670	5 260,413	65 147,060	12,384	11,914	89	90	5 290	6,892	18,233	2,646	2,175
40	41	96 488	4 872,847	59 886,647	12,290	11,819	90	91	3 766	4,553	11,341	2,491	2,020
41	42	96 277	4 512,446	55 013,800	12,192	11,721	91	92	2 585	2,900	6,788	2,340	1,870
42	43	96 043	4 177,708	50 501,354	12,088	11,618	92	93	1 689	1,759	3,888	2,210	1,739
43	44	95 786	3 866,885	46 323,646	11,980	11,509	93	94	1 049	1,014	2,128	2,100	1,629
44	45	95 494	3 577,804	42 456,761	11,867	11,396	94	95	622	0,558	1,115	1,998	1,527
45	46	95 162	3 308,920	38 878,957	11,750	11,279	95	96	351	0,292	0,557	1,905	1,434
46	47	94 785	3 058,770	35 570,037	11,629	11,158	96	97	188	0,145	0,265	1,820	1,350
47	48	94 360	2 826,033	32 511,267	11,504	11,034	97	98	95	0,068	0,119	1,743	1,273
48	49	93 894	2 609,811	29 685,233	11,374	10,904	98	99	46	0,030	0,051	1,673	1,202
49	50	93 367	2 408,496	27 075,422	11,242	10,771	99	100	21	0,013	0,020	1,609	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 365 254,682	13,700	13,230	50	52	92 555	2 215,820	24 482,827	11,049	10,578
1	3	99 231	92 093,661	1 265 602,985	13,743	13,272	51	53	91 904	2 041,987	22 267,007	10,905	10,434
2	4	99 181	85 427,083	1 173 509,324	13,737	13,266	52	54	91 185	1 880,285	20 225,020	10,756	10,286
3	5	99 150	79 257,915	1 088 082,242	13,728	13,258	53	55	90 416	1 730,335	18 344,735	10,602	10,131
4	6	99 126	73 539,470	1 008 824,327	13,718	13,247	54	56	89 574	1 590,922	16 614,399	10,443	9,973
5	7	99 104	68 234,783	935 284,857	13,707	13,236	55	57	88 662	1 461,468	15 023,477	10,280	9,809
6	8	99 084	63 314,327	867 050,074	13,694	13,224	56	58	87 687	1 341,436	13 562,009	10,110	9,639
7	9	99 068	58 750,552	803 735,747	13,680	13,210	57	59	86 637	1 230,044	12 220,573	9,935	9,464
8	10	99 052	54 516,140	744 985,195	13,665	13,195	58	60	85 537	1 127,069	10 990,529	9,751	9,281
9	11	99 035	50 586,086	690 469,055	13,649	13,179	59	61	84 317	1 031,085	9 863,460	9,566	9,095
10	12	99 018	46 939,885	639 882,969	13,632	13,161	60	62	83 033	942,352	8 832,375	9,373	8,902
11	13	99 002	43 556,464	592 943,084	13,613	13,143	61	63	81 637	859,870	7 890,023	9,176	8,705
12	14	98 982	40 415,726	549 386,619	13,593	13,123	62	64	80 181	783,789	7 030,154	8,969	8,499
13	15	98 960	37 500,229	508 970,893	13,572	13,102	63	65	78 625	713,302	6 246,364	8,757	8,286
14	16	98 938	34 795,233	471 470,664	13,550	13,079	64	66	76 992	648,245	5 533,062	8,535	8,065
15	17	98 905	32 282,043	436 675,432	13,527	13,056	65	67	75 262	588,098	4 884,818	8,306	7,835
16	18	98 868	29 948,890	404 393,389	13,503	13,032	66	68	73 420	532,446	4 296,720	8,070	7,599
17	19	98 817	27 780,482	374 444,498	13,479	13,008	67	69	71 489	481,152	3 764,274	7,823	7,353
18	20	98 762	25 768,004	346 664,016	13,453	12,983	68	70	69 430	433,685	3 283,122	7,570	7,100
19	21	98 687	23 896,288	320 896,011	13,429	12,958	69	71	67 253	389,868	2 849,437	7,309	6,838
20	22	98 612	22 160,645	296 999,723	13,402	12,931	70	72	64 921	349,281	2 459,570	7,042	6,571
21	23	98 530	20 549,714	274 839,078	13,374	12,904	71	73	62 408	311,614	2 110,289	6,772	6,301
22	24	98 452	19 056,570	254 289,364	13,344	12,873	72	74	59 742	276,846	1 798,675	6,497	6,026
23	25	98 374	17 671,942	235 232,794	13,311	12,840	73	75	56 883	244,638	1 521,829	6,221	5,750
24	26	98 298	16 388,189	217 560,852	13,275	12,805	74	76	53 833	214,867	1 277,190	5,944	5,473
25	27	98 215	15 196,632	201 172,664	13,238	12,767	75	77	50 575	187,343	1 062,323	5,670	5,200
26	28	98 132	14 091,606	185 976,031	13,198	12,727	76	78	47 160	162,128	874,980	5,397	4,926
27	29	98 046	13 066,675	171 884,425	13,154	12,684	77	79	43 578	139,039	712,852	5,127	4,656
28	30	97 957	12 115,808	158 817,751	13,108	12,638	78	80	39 857	118,021	573,814	4,862	4,391
29	31	97 870	11 234,317	146 701,943	13,058	12,588	79	81	36 007	98,952	455,793	4,606	4,136
30	32	97 775	10 416,175	135 467,626	13,006	12,535	80	82	32 151	82,001	356,841	4,352	3,881
31	33	97 676	9 657,217	125 051,451	12,949	12,478	81	83	28 264	66,901	274,841	4,108	3,637
32	34	97 568	8 952,730	115 394,234	12,889	12,419	82	84	24 449	53,710	207,940	3,872	3,401
33	35	97 456	8 299,226	106 441,504	12,825	12,355	83	85	20 776	42,358	154,230	3,641	3,170
34	36	97 344	7 693,424	98 142,278	12,757	12,286	84	86	17 288	32,711	111,872	3,420	2,949
35	37	97 220	7 130,973	90 448,853	12,684	12,213	85	87	14 051	24,674	79,161	3,208	2,738
36	38	97 084	6 608,862	83 317,880	12,607	12,136	86	88	11 037	17,987	54,487	3,029	2,559
37	39	96 938	6 124,307	76 709,018	12,525	12,055	87	89	8 440	12,765	36,500	2,859	2,389
38	40	96 775	5 674,204	70 584,712	12,440	11,969	88	90	6 230	8,745	23,735	2,714	2,243
39	41	96 602	5 256,664	64 910,507	12,348	11,878	89	91	4 506	5,870	14,990	2,553	2,083
40	42	96 408	4 868,798	59 653,844	12,252	11,782	90	92	3 114	3,765	9,119	2,422	1,952
41	43	96 185	4 508,177	54 785,046	12,152	11,682	91	93	2 096	2,352	5,355	2,276	1,806
42	44	95 941	4 173,298	50 276,869	12,047	11,577	92	94	1 340	1,395	3,002	2,152	1,681
43	45	95 678	3 862,512	46 103,571	11,936	11,465	93	95	812	0,785	1,607	2,047	1,576
44	46	95 365	3 572,965	42 241,058	11,822	11,352	94	96	470	0,422	0,822	1,950	1,479
45	47	95 014	3 303,788	38 668,093	11,704	11,234	95	97	258	0,215	0,400	1,861	1,391
46	48	94 621	3 053,462	35 364,305	11,582	11,111	96	98	135	0,104	0,185	1,781	1,310
47	49	94 185	2 820,797	32 310,843	11,455	10,984	97	99	66	0,048	0,081	1,707	1,236
48	50	93 698	2 604,351	29 490,047	11,323	10,853	98	100	31	0,021	0,034	1,640	1,170
49	51	93 149	2 402,868	26 885,695	11,189	10,718							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 364 795,986	13,698	13,227	50	53	92 298	2 209,681	24 283,879	10,990	10,519
1	4	99 217	92 080,456	1 265 160,355	13,740	13,269	51	54	91 625	2 035,781	22 074,199	10,843	10,372
2	5	99 169	85 416,844	1 173 079,899	13,734	13,263	52	55	90 894	1 874,294	20 038,418	10,691	10,221
3	6	99 141	79 250,745	1 087 663,054	13,724	13,254	53	56	90 091	1 724,110	18 164,123	10,535	10,065
4	7	99 119	73 533,574	1 008 412,309	13,714	13,243	54	57	89 234	1 584,888	16 440,013	10,373	9,902
5	8	99 096	68 229,082	934 878,735	13,702	13,231	55	58	88 297	1 455,438	14 855,125	10,207	9,736
6	9	99 078	63 310,395	866 649,653	13,689	13,218	56	59	87 288	1 335,319	13 399,687	10,035	9,564
7	10	99 062	58 746,823	803 339,259	13,675	13,204	57	60	86 223	1 224,166	12 064,368	9,855	9,385
8	11	99 044	54 511,748	744 592,436	13,659	13,189	58	61	85 069	1 120,906	10 840,201	9,671	9,200
9	12	99 027	50 582,068	690 080,688	13,643	13,172	59	62	83 837	1 025,223	9 719,295	9,480	9,010
10	13	99 011	46 936,287	639 498,619	13,625	13,154	60	63	82 512	936,439	8 694,072	9,284	8,814
11	14	98 992	43 552,179	592 562,333	13,606	13,135	61	64	81 093	854,135	7 757,633	9,082	8,612
12	15	98 970	40 410,723	549 010,153	13,586	13,115	62	65	79 604	778,149	6 903,498	8,872	8,401
13	16	98 946	37 495,146	508 599,430	13,564	13,094	63	66	78 016	707,779	6 125,348	8,654	8,184
14	17	98 922	34 789,639	471 104,285	13,542	13,071	64	67	76 359	642,916	5 417,569	8,427	7,956
15	18	98 888	32 276,376	436 314,646	13,518	13,047	65	68	74 583	582,794	4 774,653	8,193	7,722
16	19	98 847	29 942,348	404 038,270	13,494	13,023	66	69	72 701	527,230	4 191,859	7,951	7,480
17	20	98 796	27 774,508	374 095,921	13,469	12,998	67	70	70 705	475,575	3 664,629	7,701	7,230
18	21	98 742	25 762,568	346 321,413	13,443	12,972	68	71	68 601	428,803	3 188,755	7,442	6,971
19	22	98 665	23 891,123	320 558,845	13,417	12,947	69	72	66 355	384,666	2 760,251	7,176	6,705
20	23	98 589	22 155,552	296 667,722	13,390	12,920	70	73	63 916	343,876	2 375,586	6,908	6,438
21	24	98 508	20 545,040	274 512,170	13,361	12,891	71	74	61 327	306,212	2 031,710	6,635	6,164
22	25	98 430	19 052,237	253 967,130	13,330	12,859	72	75	58 588	271,496	1 725,498	6,356	5,885
23	26	98 352	17 668,004	234 914,893	13,296	12,825	73	76	55 616	239,188	1 454,002	6,079	5,608
24	27	98 272	16 383,810	217 246,889	13,260	12,789	74	77	52 469	209,421	1 214,814	5,801	5,330
25	28	98 190	15 192,710	200 863,078	13,221	12,750	75	78	49 110	181,919	1 005,393	5,527	5,056
26	29	98 106	14 087,946	185 670,369	13,179	12,709	76	79	45 591	156,736	823,475	5,254	4,783
27	30	98 019	13 063,051	171 582,423	13,135	12,664	77	80	41 941	133,818	666,739	4,982	4,512
28	31	97 930	12 112,483	158 519,372	13,087	12,617	78	81	38 128	112,902	532,921	4,720	4,250
29	32	97 838	11 230,654	146 406,890	13,036	12,566	79	82	34 225	94,054	420,020	4,466	3,995
30	33	97 741	10 412,568	135 176,235	12,982	12,511	80	83	30 323	77,338	325,966	4,215	3,744
31	34	97 641	9 653,723	124 763,668	12,924	12,453	81	84	26 428	62,555	248,628	3,975	3,504
32	35	97 529	8 949,097	115 109,945	12,863	12,392	82	85	22 641	49,736	186,073	3,741	3,271
33	36	97 414	8 295,689	106 160,848	12,797	12,326	83	86	19 004	38,745	136,337	3,519	3,048
34	37	97 298	7 689,837	97 865,158	12,727	12,256	84	87	15 617	29,550	97,592	3,303	2,832
35	38	97 168	7 127,217	90 175,322	12,652	12,182	85	88	12 440	21,845	68,042	3,115	2,644
36	39	97 027	6 604,965	83 048,104	12,574	12,103	86	89	9 652	15,730	46,197	2,937	2,466
37	40	96 870	6 120,000	76 443,139	12,491	12,020	87	90	7 260	10,981	30,467	2,775	2,304
38	41	96 706	5 670,160	70 323,139	12,402	11,932	88	91	5 307	7,449	19,486	2,616	2,145
39	42	96 521	5 252,295	64 652,980	12,309	11,839	89	92	3 726	4,854	12,037	2,480	2,009
40	43	96 317	4 864,192	59 400,684	12,212	11,741	90	93	2 525	3,053	7,183	2,353	1,882
41	44	96 084	4 503,418	54 536,492	12,110	11,639	91	94	1 663	1,866	4,130	2,214	1,743
42	45	95 833	4 168,579	50 033,073	12,002	11,532	92	95	1 038	1,081	2,264	2,095	1,625
43	46	95 549	3 857,288	45 864,494	11,890	11,420	93	96	614	0,593	1,184	1,995	1,525
44	47	95 217	3 567,424	42 007,206	11,775	11,305	94	97	346	0,310	0,590	1,903	1,432
45	48	94 850	3 298,055	38 439,783	11,655	11,185	95	98	185	0,154	0,280	1,819	1,348
46	49	94 446	3 047,804	35 141,728	11,530	11,060	96	99	94	0,072	0,126	1,742	1,271
47	50	93 988	2 814,896	32 093,924	11,401	10,931	97	100	45	0,032	0,054	1,672	1,201
48	51	93 479	2 598,266	29 279,029	11,269	10,798							
49	52	92 917	2 396,883	26 680,763	11,131	10,661							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 364 311,906	13,695	13,224	50	54	92 018	2 202,965	24 069,277	10,926	10,455
1	5	99 205	92 069,420	1 264 690,562	13,736	13,266	51	55	91 333	2 029,295	21 866,312	10,775	10,305
2	6	99 161	85 409,118	1 172 621,141	13,729	13,259	52	56	90 567	1 867,552	19 837,017	10,622	10,151
3	7	99 133	79 244,391	1 087 212,024	13,720	13,249	53	57	89 749	1 717,571	17 969,466	10,462	9,991
4	8	99 110	73 527,431	1 007 967,633	13,709	13,238	54	58	88 866	1 578,348	16 251,895	10,297	9,826
5	9	99 090	68 224,844	934 440,202	13,696	13,226	55	59	87 894	1 448,801	14 673,546	10,128	9,657
6	10	99 072	63 306,375	866 215,358	13,683	13,212	56	60	86 871	1 328,939	13 224,745	9,951	9,481
7	11	99 054	58 742,090	802 908,982	13,668	13,198	57	61	85 752	1 217,473	11 895,806	9,771	9,300
8	12	99 036	54 507,419	744 166,892	13,653	13,182	58	62	84 585	1 114,533	10 678,333	9,581	9,110
9	13	99 019	50 578,191	689 659,473	13,636	13,165	59	63	83 311	1 018,790	9 563,800	9,387	8,917
10	14	99 001	46 931,670	639 081,282	13,617	13,147	60	64	81 962	930,194	8 545,010	9,186	8,716
11	15	98 980	43 546,788	592 149,613	13,598	13,127	61	65	80 509	847,989	7 614,816	8,980	8,509
12	16	98 957	40 405,245	548 602,825	13,578	13,107	62	66	78 988	772,125	6 766,827	8,764	8,293
13	17	98 930	37 489,118	508 197,580	13,556	13,085	63	67	77 375	701,961	5 994,702	8,540	8,069
14	18	98 904	34 783,532	470 708,462	13,533	13,062	64	68	75 670	637,117	5 292,741	8,307	7,837
15	19	98 866	32 269,326	435 924,930	13,509	13,038	65	69	73 852	577,085	4 655,624	8,067	7,597
16	20	98 825	29 935,909	403 655,604	13,484	13,013	66	70	71 904	521,448	4 078,538	7,822	7,351
17	21	98 775	27 768,648	373 719,695	13,458	12,988	67	71	69 860	470,189	3 557,091	7,565	7,095
18	22	98 720	25 756,999	345 951,047	13,431	12,961	68	72	67 685	422,786	3 086,902	7,301	6,831
19	23	98 643	23 885,633	320 194,048	13,405	12,935	69	73	65 328	378,713	2 664,116	7,035	6,564
20	24	98 567	22 150,513	296 308,415	13,377	12,906	70	74	62 808	337,914	2 285,403	6,763	6,293
21	25	98 485	20 540,369	274 157,902	13,347	12,877	71	75	60 142	300,295	1 947,489	6,485	6,015
22	26	98 408	19 047,992	253 617,533	13,315	12,844	72	76	57 282	265,447	1 647,194	6,205	5,735
23	27	98 326	17 663,284	234 569,541	13,280	12,809	73	77	54 206	233,125	1 381,747	5,927	5,456
24	28	98 247	16 379,581	216 906,258	13,242	12,772	74	78	50 949	203,357	1 148,622	5,648	5,178
25	29	98 164	15 188,764	200 526,676	13,202	12,732	75	79	47 477	175,868	945,265	5,375	4,904
26	30	98 079	14 084,039	185 337,913	13,159	12,689	76	80	43 879	150,850	769,397	5,100	4,630
27	31	97 992	13 059,466	171 253,874	13,113	12,643	77	81	40 122	128,014	618,546	4,832	4,361
28	32	97 898	12 108,534	158 194,409	13,065	12,594	78	82	36 241	107,313	490,533	4,571	4,100
29	33	97 804	11 226,765	146 085,875	13,012	12,542	79	83	32 279	88,705	383,219	4,320	3,849
30	34	97 706	10 408,801	134 859,111	12,956	12,486	80	84	28 353	72,314	294,514	4,073	3,602
31	35	97 601	9 649,805	124 450,310	12,897	12,426	81	85	24 473	57,927	222,200	3,836	3,365
32	36	97 487	8 945,283	114 800,505	12,834	12,363	82	86	20 709	45,494	164,273	3,611	3,140
33	37	97 369	8 291,821	105 855,221	12,766	12,296	83	87	17 167	35,000	118,780	3,394	2,923
34	38	97 247	7 685,787	97 563,400	12,694	12,223	84	88	13 827	26,162	83,779	3,202	2,732
35	39	97 111	7 123,015	89 877,614	12,618	12,147	85	89	10 879	19,104	57,618	3,016	2,545
36	40	96 959	6 600,320	82 754,599	12,538	12,067	86	90	8 303	13,532	38,514	2,846	2,376
37	41	96 801	6 115,637	76 154,278	12,452	11,982	87	91	6 184	9,353	24,982	2,671	2,200
38	42	96 625	5 665,448	70 038,641	12,362	11,892	88	92	4 388	6,159	15,628	2,537	2,067
39	43	96 430	5 247,327	64 373,193	12,268	11,797	89	93	3 022	3,937	9,469	2,405	1,935
40	44	96 215	4 859,058	59 125,866	12,168	11,698	90	94	2 003	2,421	5,532	2,285	1,814
41	45	95 975	4 498,326	54 266,808	12,064	11,593	91	95	1 288	1,445	3,111	2,153	1,682
42	46	95 703	4 162,941	49 768,482	11,955	11,484	92	96	784	0,817	1,666	2,040	1,569
43	47	95 401	3 851,306	45 605,541	11,842	11,371	93	97	452	0,437	0,849	1,945	1,475
44	48	95 052	3 561,233	41 754,236	11,725	11,254	94	98	248	0,222	0,413	1,857	1,387
45	49	94 674	3 291,944	38 193,003	11,602	11,131	95	99	129	0,107	0,190	1,777	1,306
46	50	94 248	3 041,427	34 901,059	11,475	11,005	96	100	63	0,049	0,083	1,704	1,233
47	51	93 769	2 808,319	31 859,632	11,345	10,874							
48	52	93 246	2 591,794	29 051,313	11,209	10,738							
49	53	92 659	2 390,242	26 459,519	11,070	10,599							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 363 798,254	13,691	13,221	50	55	91 725	2 195,946	23 838,135	10,856	10,385
1	6	99 196	92 061,092	1 264 188,849	13,732	13,261	51	56	91 004	2 021,994	21 642,188	10,703	10,233
2	7	99 153	85 402,270	1 172 127,757	13,725	13,254	52	57	90 224	1 860,468	19 620,194	10,546	10,075
3	8	99 125	79 237,771	1 086 725,487	13,715	13,244	53	58	89 379	1 710,484	17 759,726	10,383	9,912
4	9	99 104	73 522,864	1 007 487,716	13,703	13,232	54	59	88 461	1 571,152	16 049,242	10,215	9,744
5	10	99 084	68 220,513	933 964,853	13,690	13,220	55	60	87 474	1 441,878	14 478,091	10,041	9,570
6	11	99 064	63 301,275	865 744,340	13,677	13,206	56	61	86 396	1 321,672	13 036,212	9,863	9,393
7	12	99 046	58 737,425	802 443,064	13,662	13,191	57	62	85 264	1 210,551	11 714,540	9,677	9,206
8	13	99 029	54 503,241	743 705,640	13,645	13,175	58	63	84 055	1 107,540	10 503,989	9,484	9,013
9	14	99 009	50 573,216	689 202,399	13,628	13,157	59	64	82 756	1 011,996	9 396,449	9,285	8,814
10	15	98 989	46 925,860	638 629,183	13,609	13,139	60	65	81 372	923,500	8 384,453	9,079	8,608
11	16	98 966	43 540,885	591 703,323	13,590	13,119	61	66	79 886	841,424	7 460,952	8,867	8,396
12	17	98 941	40 398,749	548 162,439	13,569	13,098	62	67	78 338	765,778	6 619,529	8,644	8,174
13	18	98 913	37 482,537	507 763,690	13,547	13,076	63	68	76 677	695,630	5 853,751	8,415	7,944
14	19	98 883	34 775,934	470 281,153	13,523	13,053	64	69	74 929	630,877	5 158,121	8,176	7,705
15	20	98 845	32 262,386	435 505,219	13,499	13,028	65	70	73 042	570,756	4 527,244	7,932	7,461
16	21	98 805	29 929,593	403 242,833	13,473	13,002	66	71	71 045	515,217	3 956,488	7,679	7,209
17	22	98 754	27 762,646	373 313,239	13,447	12,976	67	72	68 928	463,915	3 441,271	7,418	6,947
18	23	98 698	25 751,080	345 550,594	13,419	12,948	68	73	66 638	416,243	2 977,356	7,153	6,682
19	24	98 620	23 880,200	319 799,513	13,392	12,921	69	74	64 196	372,148	2 561,113	6,882	6,411
20	25	98 544	22 145,477	295 919,313	13,363	12,892	70	75	61 594	331,385	2 188,965	6,606	6,135
21	26	98 463	20 535,792	273 773,836	13,332	12,861	71	76	58 802	293,604	1 857,580	6,327	5,856
22	27	98 381	19 042,903	253 238,045	13,298	12,828	72	77	55 830	258,718	1 563,977	6,045	5,574
23	28	98 301	17 658,724	234 195,142	13,262	12,792	73	78	52 637	226,375	1 305,258	5,766	5,295
24	29	98 221	16 375,327	216 536,417	13,223	12,753	74	79	49 255	196,594	1 078,883	5,488	5,017
25	30	98 137	15 184,551	200 161,091	13,182	12,711	75	80	45 694	169,264	882,289	5,212	4,742
26	31	98 052	14 080,173	184 976,540	13,137	12,667	76	81	41 976	144,307	713,025	4,941	4,470
27	32	97 960	13 055,208	170 896,366	13,090	12,620	77	82	38 136	121,677	568,717	4,674	4,203
28	33	97 864	12 104,340	157 841,159	13,040	12,569	78	83	34 180	101,211	447,040	4,417	3,946
29	34	97 768	11 222,703	145 736,819	12,986	12,515	79	84	30 182	82,943	345,829	4,169	3,699
30	35	97 666	10 404,577	134 514,116	12,928	12,458	80	85	26 256	66,964	262,886	3,926	3,455
31	36	97 559	9 645,693	124 109,539	12,867	12,396	81	86	22 385	52,986	195,923	3,698	3,227
32	37	97 442	8 941,112	114 463,847	12,802	12,331	82	87	18 708	41,097	142,937	3,478	3,007
33	38	97 318	8 287,454	105 522,735	12,733	12,262	83	88	15 199	30,987	101,840	3,287	2,816
34	39	97 190	7 681,255	97 235,281	12,659	12,188	84	89	12 092	22,879	70,853	3,097	2,626
35	40	97 043	7 118,006	89 554,026	12,581	12,111	85	90	9 359	16,434	47,973	2,919	2,448
36	41	96 890	6 595,616	82 436,020	12,499	12,028	86	91	7 073	11,526	31,539	2,736	2,266
37	42	96 721	6 110,555	75 840,404	12,411	11,941	87	92	5 113	7,734	20,013	2,588	2,117
38	43	96 534	5 660,089	69 729,849	12,320	11,849	88	93	3 559	4,995	12,279	2,458	1,987
39	44	96 328	5 241,788	64 069,760	12,223	11,752	89	94	2 397	3,122	7,284	2,333	1,862
40	45	96 106	4 853,563	58 827,972	12,121	11,650	90	95	1 551	1,876	4,161	2,219	1,748
41	46	95 845	4 492,242	53 974,408	12,015	11,544	91	96	973	1,092	2,286	2,093	1,623
42	47	95 555	4 156,484	49 482,167	11,905	11,434	92	97	577	0,601	1,194	1,987	1,516
43	48	95 235	3 844,622	45 325,682	11,789	11,319	93	98	323	0,313	0,593	1,896	1,426
44	49	94 876	3 554,634	41 481,060	11,670	11,199	94	99	172	0,155	0,280	1,813	1,342
45	50	94 476	3 285,057	37 926,427	11,545	11,074	95	100	87	0,072	0,126	1,737	1,266
46	51	94 028	3 034,321	34 641,370	11,417	10,946							
47	52	93 535	2 801,324	31 607,049	11,283	10,812							
48	53	92 988	2 584,613	28 805,725	11,145	10,674							
49	54	92 378	2 382,977	26 221,112	11,004	10,533							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 363 249,923	13,687	13,217	50	56	91 395	2 188,046	23 589,222	10,781	10,310
1	7	99 188	92 053,711	1 263 649,529	13,727	13,257	51	57	90 659	2 014,325	21 401,176	10,624	10,154
2	8	99 144	85 395,135	1 171 595,818	13,720	13,249	52	58	89 851	1 852,791	19 386,850	10,464	9,993
3	9	99 119	79 232,849	1 086 200,683	13,709	13,238	53	59	88 971	1 702,685	17 534,059	10,298	9,827
4	10	99 098	73 518,196	1 006 967,834	13,697	13,226	54	60	88 038	1 563,644	15 831,374	10,125	9,654
5	11	99 076	68 215,017	933 449,638	13,684	13,213	55	61	86 996	1 433,994	14 267,730	9,950	9,479
6	12	99 056	63 296,248	865 234,621	13,670	13,199	56	62	85 904	1 314,158	12 833,736	9,766	9,295
7	13	99 038	58 732,922	801 938,373	13,654	13,183	57	63	84 729	1 202,955	11 519,578	9,576	9,105
8	14	99 019	54 497,879	743 205,451	13,637	13,167	58	64	83 494	1 100,154	10 316,623	9,377	8,907
9	15	98 997	50 566,955	688 707,571	13,620	13,149	59	65	82 160	1 004,714	9 216,469	9,173	8,703
10	16	98 975	46 919,499	638 140,616	13,601	13,130	60	66	80 742	916,350	8 211,755	8,961	8,491
11	17	98 950	43 533,885	591 221,118	13,581	13,110	61	67	79 229	834,507	7 295,404	8,742	8,272
12	18	98 923	40 391,658	547 687,233	13,559	13,089	62	68	77 632	758,871	6 460,897	8,514	8,043
13	19	98 891	37 474,350	507 295,575	13,537	13,066	63	69	75 926	688,816	5 702,026	8,278	7,807
14	20	98 862	34 768,455	469 821,226	13,513	13,042	64	70	74 107	623,957	5 013,210	8,035	7,564
15	21	98 824	32 255,579	435 052,771	13,488	13,017	65	71	72 169	563,936	4 389,253	7,783	7,313
16	22	98 783	29 923,124	402 797,192	13,461	12,990	66	72	70 097	508,343	3 825,316	7,525	7,054
17	23	98 731	27 756,266	372 874,068	13,434	12,963	67	73	67 861	456,736	3 316,973	7,262	6,792
18	24	98 675	25 745,223	345 117,802	13,405	12,934	68	74	65 483	409,027	2 860,238	6,993	6,522
19	25	98 598	23 874,771	319 372,579	13,377	12,906	69	75	62 955	364,956	2 451,210	6,716	6,246
20	26	98 522	22 140,542	295 497,808	13,346	12,876	70	76	60 222	324,001	2 086,254	6,439	5,968
21	27	98 437	20 530,305	273 357,266	13,315	12,844	71	77	57 311	286,162	1 762,253	6,158	5,688
22	28	98 356	19 037,987	252 826,960	13,280	12,809	72	78	54 214	251,227	1 476,091	5,876	5,405
23	29	98 275	17 654,138	233 788,973	13,243	12,772	73	79	50 886	218,846	1 224,864	5,597	5,126
24	30	98 194	16 370,785	216 134,835	13,202	12,732	74	80	47 405	189,212	1 006,018	5,317	4,846
25	31	98 110	15 180,384	199 764,050	13,159	12,689	75	81	43 712	161,923	816,806	5,044	4,574
26	32	98 020	14 075,583	184 583,667	13,114	12,643	76	82	39 898	137,165	654,883	4,774	4,304
27	33	97 926	13 050,686	170 508,084	13,065	12,594	77	83	35 968	114,758	517,718	4,511	4,041
28	34	97 829	12 099,961	157 457,398	13,013	12,542	78	84	31 960	94,636	402,960	4,258	3,787
29	35	97 729	11 218,148	145 357,437	12,957	12,487	79	85	27 949	76,806	308,324	4,014	3,544
30	36	97 624	10 400,143	134 139,289	12,898	12,427	80	86	24 016	61,252	231,518	3,780	3,309
31	37	97 514	9 641,195	123 739,146	12,834	12,364	81	87	20 222	47,865	170,266	3,557	3,087
32	38	97 390	8 936,403	114 097,951	12,768	12,297	82	88	16 563	36,385	122,401	3,364	2,893
33	39	97 260	8 282,568	105 161,548	12,697	12,226	83	89	13 292	27,099	86,016	3,174	2,703
34	40	97 121	7 675,853	96 878,981	12,621	12,151	84	90	10 402	19,681	58,917	2,994	2,523
35	41	96 974	7 112,932	89 203,127	12,541	12,070	85	91	7 972	13,999	39,235	2,803	2,332
36	42	96 809	6 590,135	82 090,195	12,457	11,986	86	92	5 848	9,531	25,237	2,648	2,177
37	43	96 629	6 104,775	75 500,060	12,367	11,897	87	93	4 147	6,272	15,706	2,504	2,033
38	44	96 432	5 654,114	69 395,285	12,273	11,803	88	94	2 822	3,962	9,434	2,381	1,911
39	45	96 219	5 235,861	63 741,171	12,174	11,703	89	95	1 856	2,419	5,472	2,263	1,792
40	46	95 976	4 846,999	58 505,310	12,070	11,600	90	96	1 172	1,417	3,053	2,155	1,684
41	47	95 697	4 485,274	53 658,312	11,963	11,493	91	97	716	0,804	1,636	2,036	1,565
42	48	95 389	4 149,271	49 173,037	11,851	11,380	92	98	413	0,430	0,833	1,935	1,464
43	49	95 059	3 837,498	45 023,766	11,733	11,262	93	99	225	0,217	0,402	1,849	1,379
44	50	94 677	3 547,197	41 186,268	11,611	11,140	94	100	116	0,104	0,185	1,770	1,300
45	51	94 255	3 277,381	37 639,071	11,484	11,014							
46	52	93 794	3 026,763	34 361,689	11,353	10,882							
47	53	93 276	2 793,562	31 334,926	11,217	10,746							
48	54	92 705	2 576,758	28 541,364	11,076	10,606							
49	55	92 083	2 375,385	25 964,606	10,931	10,460							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 362 660,797	13,682	13,212	50	57	91 048	2 179,747	23 321,858	10,699	10,229
1	8	99 180	92 046,020	1 263 068,388	13,722	13,251	51	58	90 285	2 006,014	21 142,111	10,539	10,069
2	9	99 138	85 389,831	1 171 022,368	13,714	13,243	52	59	89 442	1 844,343	19 136,098	10,376	9,905
3	10	99 113	79 227,819	1 085 632,537	13,703	13,232	53	60	88 546	1 694,549	17 291,755	10,204	9,734
4	11	99 090	73 512,274	1 006 404,718	13,690	13,220	54	61	87 557	1 555,094	15 597,206	10,030	9,559
5	12	99 068	68 209,599	932 892,445	13,677	13,206	55	62	86 501	1 425,841	14 042,112	9,848	9,378
6	13	99 049	63 291,396	864 682,845	13,662	13,191	56	63	85 365	1 305,912	12 616,270	9,661	9,190
7	14	99 028	58 727,145	801 391,449	13,646	13,175	57	64	84 164	1 194,933	11 310,358	9,465	8,995
8	15	99 007	54 491,133	742 664,305	13,629	13,158	58	65	82 893	1 092,238	10 115,425	9,261	8,791
9	16	98 984	50 560,100	688 173,172	13,611	13,140	59	66	81 524	996,935	9 023,188	9,051	8,580
10	17	98 959	46 911,956	637 613,072	13,592	13,121	60	67	80 078	908,818	8 026,252	8,832	8,361
11	18	98 933	43 526,243	590 701,116	13,571	13,100	61	68	78 514	826,980	7 117,434	8,607	8,136
12	19	98 902	40 382,834	547 174,873	13,550	13,079	62	69	76 871	751,438	6 290,454	8,371	7,901
13	20	98 870	37 466,291	506 792,039	13,527	13,056	63	70	75 094	681,262	5 539,016	8,131	7,660
14	21	98 841	34 761,119	469 325,748	13,501	13,031	64	71	73 222	616,502	4 857,755	7,880	7,409
15	22	98 803	32 248,607	434 564,629	13,475	13,005	65	72	71 206	556,412	4 241,253	7,623	7,152
16	23	98 761	29 916,248	402 316,022	13,448	12,977	66	73	69 012	500,476	3 684,841	7,363	6,892
17	24	98 709	27 749,953	372 399,774	13,420	12,949	67	74	66 685	448,818	3 184,365	7,095	6,624
18	25	98 653	25 739,370	344 649,821	13,390	12,919	68	75	64 217	401,123	2 735,547	6,820	6,349
19	26	98 576	23 869,450	318 910,451	13,361	12,890	69	76	61 553	356,825	2 334,423	6,542	6,072
20	27	98 496	22 134,627	295 041,001	13,329	12,859	70	77	58 696	315,788	1 977,599	6,262	5,792
21	28	98 412	20 525,006	272 906,374	13,296	12,826	71	78	55 652	277,876	1 661,810	5,980	5,510
22	29	98 331	19 033,042	252 381,368	13,260	12,790	72	79	52 411	242,872	1 383,934	5,698	5,228
23	30	98 248	17 649,241	233 348,325	13,221	12,751	73	80	48 975	210,628	1 141,062	5,417	4,947
24	31	98 167	16 366,292	215 699,084	13,179	12,709	74	81	45 349	181,005	930,434	5,140	4,670
25	32	98 078	15 175,434	199 332,792	13,135	12,665	75	82	41 549	153,908	749,429	4,869	4,399
26	33	97 986	14 070,708	184 157,358	13,088	12,617	76	83	37 630	129,365	595,521	4,603	4,133
27	34	97 891	13 045,965	170 086,650	13,037	12,567	77	84	33 631	107,303	466,156	4,344	3,874
28	35	97 789	12 095,050	157 040,685	12,984	12,513	78	85	29 595	87,634	358,853	4,095	3,624
29	36	97 687	11 213,368	144 945,635	12,926	12,455	79	86	25 565	70,255	271,218	3,860	3,390
30	37	97 579	10 395,293	133 732,267	12,865	12,394	80	87	21 695	55,332	200,963	3,632	3,161
31	38	97 463	9 636,117	123 336,974	12,799	12,329	81	88	17 903	42,377	145,631	3,437	2,966
32	39	97 333	8 931,134	113 700,858	12,731	12,260	82	89	14 485	31,820	103,254	3,245	2,774
33	40	97 192	8 276,743	104 769,724	12,658	12,188	83	90	11 434	23,312	71,435	3,064	2,594
34	41	97 052	7 670,382	96 492,981	12,580	12,109	84	91	8 860	16,765	48,123	2,870	2,400
35	42	96 893	7 107,022	88 822,599	12,498	12,027	85	92	6 592	11,575	31,358	2,709	2,238
36	43	96 718	6 583,901	81 715,577	12,411	11,941	86	93	4 743	7,730	19,783	2,559	2,089
37	44	96 527	6 098,331	75 131,676	12,320	11,849	87	94	3 289	4,975	12,054	2,423	1,952
38	45	96 323	5 647,720	69 033,345	12,223	11,753	88	95	2 186	3,069	7,079	2,307	1,836
39	46	96 089	5 228,779	63 385,624	12,122	11,652	89	96	1 403	1,827	4,010	2,195	1,724
40	47	95 827	4 839,481	58 156,846	12,017	11,547	90	97	863	1,043	2,183	2,093	1,622
41	48	95 531	4 477,491	53 317,364	11,908	11,437	91	98	513	0,575	1,140	1,981	1,510
42	49	95 212	4 141,583	48 839,874	11,793	11,322	92	99	287	0,299	0,564	1,885	1,414
43	50	94 860	3 829,470	44 698,291	11,672	11,202	93	100	152	0,147	0,265	1,804	1,333
44	51	94 456	3 538,909	40 868,821	11,548	11,078							
45	52	94 020	3 269,218	37 329,912	11,419	10,948							
46	53	93 534	3 018,377	34 060,694	11,284	10,814							
47	54	92 993	2 785,072	31 042,317	11,146	10,675							
48	55	92 410	2 568,548	28 257,246	11,001	10,531							
49	56	91 752	2 366,839	25 688,698	10,854	10,383							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 362 026,353	13,677	13,206	50	58	90 672	2 170,753	23 034,816	10,611	10,141
1	9	99 173	92 040,303	1 262 442,264	13,716	13,246	51	59	89 873	1 996,867	20 864,063	10,448	9,978
2	10	99 132	85 384,410	1 170 401,961	13,707	13,237	52	60	89 014	1 835,530	18 867,196	10,279	9,808
3	11	99 105	79 221,436	1 085 017,551	13,696	13,225	53	61	88 062	1 685,283	17 031,666	10,106	9,635
4	12	99 082	73 506,435	1 005 796,115	13,683	13,212	54	62	87 059	1 546,253	15 346,383	9,925	9,454
5	13	99 060	68 204,371	932 289,680	13,669	13,198	55	63	85 958	1 416,895	13 800,130	9,740	9,269
6	14	99 039	63 285,170	864 085,309	13,654	13,183	56	64	84 796	1 297,203	12 383,235	9,546	9,075
7	15	99 016	58 719,874	800 800,139	13,638	13,167	57	65	83 559	1 186,334	11 086,032	9,345	8,874
8	16	98 993	54 483,746	742 080,264	13,620	13,150	58	66	82 251	1 083,781	9 899,697	9,134	8,664
9	17	98 968	50 551,972	687 596,518	13,602	13,131	59	67	80 854	988,741	8 815,916	8,916	8,446
10	18	98 942	46 903,721	637 044,547	13,582	13,111	60	68	79 356	900,621	7 827,176	8,691	8,220
11	19	98 911	43 516,735	590 140,826	13,561	13,091	61	69	77 745	818,880	6 926,555	8,459	7,988
12	20	98 881	40 374,150	546 624,091	13,539	13,068	62	70	76 028	743,196	6 107,675	8,218	7,747
13	21	98 849	37 458,386	506 249,941	13,515	13,044	63	71	74 196	673,122	5 364,479	7,970	7,499
14	22	98 819	34 753,606	468 791,555	13,489	13,018	64	72	72 245	608,276	4 691,357	7,713	7,242
15	23	98 780	32 241,197	434 037,949	13,462	12,992	65	73	70 105	547,801	4 083,081	7,454	6,983
16	24	98 738	29 909,443	401 796,753	13,434	12,963	66	74	67 816	491,800	3 535,280	7,188	6,718
17	25	98 686	27 743,644	371 887,309	13,404	12,934	67	75	65 396	440,145	3 043,480	6,915	6,444
18	26	98 631	25 733,634	344 143,666	13,373	12,903	68	76	62 787	392,186	2 603,334	6,638	6,167
19	27	98 550	23 863,074	318 410,032	13,343	12,873	69	77	59 992	347,780	2 211,149	6,358	5,887
20	28	98 470	22 128,913	294 546,958	13,311	12,840	70	78	56 996	306,645	1 863,369	6,077	5,606
21	29	98 386	20 519,675	272 418,045	13,276	12,805	71	79	53 801	268,634	1 556,724	5,795	5,324
22	30	98 303	19 027,763	251 898,370	13,238	12,768	72	80	50 443	233,752	1 288,089	5,510	5,040
23	31	98 221	17 644,398	232 870,606	13,198	12,727	73	81	46 851	201,493	1 054,337	5,233	4,762
24	32	98 135	16 360,956	215 226,209	13,155	12,684	74	82	43 105	172,046	852,845	4,957	4,486
25	33	98 044	15 170,178	198 865,253	13,109	12,638	75	83	39 186	145,156	680,799	4,690	4,219
26	34	97 951	14 065,617	183 695,074	13,060	12,589	76	84	35 185	120,961	535,643	4,428	3,958
27	35	97 851	13 040,670	169 629,457	13,008	12,537	77	85	31 143	99,364	414,681	4,173	3,703
28	36	97 748	12 089,896	156 588,787	12,952	12,481	78	86	27 071	80,160	315,317	3,934	3,463
29	37	97 642	11 208,139	144 498,891	12,892	12,422	79	87	23 094	63,465	235,157	3,705	3,235
30	38	97 527	10 389,818	133 290,752	12,829	12,358	80	88	19 207	48,988	171,692	3,505	3,034
31	39	97 405	9 630,436	122 900,934	12,762	12,291	81	89	15 657	37,060	122,705	3,311	2,840
32	40	97 264	8 924,853	113 270,499	12,692	12,221	82	90	12 460	27,372	85,645	3,129	2,658
33	41	97 123	8 270,843	104 345,646	12,616	12,145	83	91	9 740	19,857	58,272	2,935	2,464
34	42	96 971	7 664,008	96 074,802	12,536	12,065	84	92	7 326	13,862	38,415	2,771	2,301
35	43	96 801	7 100,299	88 410,794	12,452	11,981	85	93	5 346	9,387	24,553	2,616	2,145
36	44	96 615	6 576,951	81 310,495	12,363	11,892	86	94	3 762	6,130	15,166	2,474	2,003
37	45	96 418	6 091,435	74 733,544	12,269	11,798	87	95	2 548	3,853	9,036	2,345	1,874
38	46	96 193	5 640,082	68 642,109	12,170	11,700	88	96	1 652	2,319	5,182	2,235	1,764
39	47	95 940	5 220,669	63 002,028	12,068	11,597	89	97	1 032	1,345	2,863	2,129	1,658
40	48	95 661	4 831,083	57 781,358	11,960	11,490	90	98	618	0,747	1,518	2,033	1,562
41	49	95 354	4 469,194	52 950,275	11,848	11,377	91	99	357	0,400	0,772	1,927	1,457
42	50	95 013	4 132,918	48 481,081	11,730	11,260	92	100	194	0,202	0,371	1,837	1,366
43	51	94 638	3 820,522	44 348,163	11,608	11,137							
44	52	94 221	3 530,095	40 527,641	11,481	11,010							
45	53	93 760	3 260,160	36 997,546	11,348	10,878							
46	54	93 249	3 009,203	33 737,386	11,211	10,741							
47	55	92 696	2 776,198	30 728,183	11,068	10,598							
48	56	92 077	2 559,307	27 951,985	10,922	10,451							
49	57	91 404	2 357,862	25 392,678	10,769	10,299							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 361 343,214	13,671	13,200	50	59	90 259	2 160,855	22 727,114	10,518	10,047
1	10	99 167	92 034,460	1 261 765,311	13,710	13,239	51	60	89 444	1 987,325	20 566,259	10,349	9,878
2	11	99 124	85 377,531	1 169 730,851	13,701	13,230	52	61	88 528	1 825,494	18 578,934	10,177	9,707
3	12	99 097	79 215,145	1 084 353,320	13,689	13,218	53	62	87 561	1 675,701	16 753,440	9,998	9,527
4	13	99 074	73 500,801	1 005 138,175	13,675	13,205	54	63	86 513	1 536,550	15 077,739	9,813	9,342
5	14	99 050	68 197,662	931 637,375	13,661	13,190	55	64	85 385	1 407,446	13 541,189	9,621	9,150
6	15	99 027	63 277,336	863 439,713	13,645	13,175	56	65	84 186	1 287,869	12 133,743	9,422	8,951
7	16	99 003	58 711,914	800 162,377	13,629	13,158	57	66	82 912	1 177,149	10 845,874	9,214	8,743
8	17	98 977	54 474,987	741 450,463	13,611	13,140	58	67	81 575	1 074,873	9 668,725	8,995	8,525
9	18	98 950	50 543,098	686 975,476	13,592	13,121	59	68	80 125	979,823	8 593,852	8,771	8,300
10	19	98 920	46 893,475	636 432,378	13,572	13,101	60	69	78 579	891,799	7 614,029	8,538	8,067
11	20	98 890	43 507,377	589 538,903	13,550	13,080	61	70	76 893	809,899	6 722,230	8,300	7,829
12	21	98 860	40 365,631	546 031,526	13,527	13,056	62	71	75 120	734,316	5 912,331	8,051	7,581
13	22	98 828	37 450,289	505 665,895	13,502	13,032	63	72	73 206	664,140	5 178,015	7,797	7,326
14	23	98 797	34 745,620	468 215,606	13,476	13,005	64	73	71 127	598,863	4 513,875	7,537	7,067
15	24	98 758	32 233,863	433 469,986	13,448	12,977	65	74	68 889	538,305	3 915,012	7,273	6,802
16	25	98 716	29 902,643	401 236,123	13,418	12,947	66	75	66 505	482,297	3 376,707	7,001	6,531
17	26	98 664	27 737,461	371 333,480	13,387	12,917	67	76	63 939	430,338	2 894,411	6,726	6,255
18	27	98 604	25 726,759	343 596,018	13,356	12,885	68	77	61 195	382,245	2 464,072	6,446	5,976
19	28	98 524	23 856,914	317 869,259	13,324	12,853	69	78	58 255	337,710	2 081,827	6,165	5,694
20	29	98 445	22 123,166	294 012,346	13,290	12,819	70	79	55 101	296,446	1 744,117	5,883	5,413
21	30	98 359	20 513,983	271 889,180	13,254	12,783	71	80	51 781	258,547	1 447,671	5,599	5,129
22	31	98 276	19 022,541	251 375,196	13,215	12,744	72	81	48 255	223,613	1 189,124	5,318	4,847
23	32	98 189	17 638,645	232 352,655	13,173	12,702	73	82	44 532	191,520	965,510	5,041	4,571
24	33	98 101	16 355,290	214 714,010	13,128	12,657	74	83	40 653	162,262	773,991	4,770	4,299
25	34	98 009	15 164,690	198 358,720	13,080	12,610	75	84	36 640	135,727	611,728	4,507	4,036
26	35	97 911	14 059,909	183 194,030	13,030	12,559	76	85	32 582	112,012	476,002	4,250	3,779
27	36	97 810	13 035,113	169 134,121	12,975	12,505	77	86	28 487	90,889	363,990	4,005	3,534
28	37	97 702	12 084,258	156 099,008	12,918	12,447	78	87	24 455	72,412	273,101	3,771	3,301
29	38	97 590	11 202,236	144 014,750	12,856	12,385	79	88	20 446	56,188	200,689	3,572	3,101
30	39	97 470	10 383,692	132 812,514	12,790	12,320	80	89	16 798	42,841	144,500	3,373	2,902
31	40	97 337	9 623,663	122 428,822	12,722	12,251	81	90	13 469	31,880	101,659	3,189	2,718
32	41	97 195	8 918,492	112 805,160	12,648	12,178	82	91	10 614	23,316	69,779	2,993	2,522
33	42	97 042	8 263,970	103 886,668	12,571	12,100	83	92	8 053	16,419	46,463	2,830	2,359
34	43	96 880	7 656,758	95 622,697	12,489	12,018	84	93	5 942	11,242	30,044	2,672	2,202
35	44	96 699	7 092,804	87 965,939	12,402	11,931	85	94	4 240	7,445	18,802	2,525	2,055
36	45	96 506	6 569,514	80 873,135	12,310	11,840	86	95	2 914	4,749	11,356	2,391	1,921
37	46	96 288	6 083,196	74 303,621	12,215	11,744	87	96	1 925	2,911	6,608	2,270	1,799
38	47	96 043	5 631,334	68 220,425	12,114	11,644	88	97	1 216	1,707	3,696	2,166	1,695
39	48	95 774	5 211,609	62 589,091	12,010	11,539	89	98	739	0,963	1,990	2,066	1,595
40	49	95 484	4 822,131	57 377,481	11,899	11,428	90	99	430	0,520	1,027	1,976	1,505
41	50	95 154	4 459,844	52 555,351	11,784	11,313	91	100	241	0,270	0,507	1,876	1,405
42	51	94 791	4 123,262	48 095,506	11,664	11,194							
43	52	94 402	3 811,006	43 972,245	11,538	11,068							
44	53	93 960	3 520,314	40 161,238	11,408	10,938							
45	54	93 475	3 250,251	36 640,925	11,273	10,803							
46	55	92 952	2 999,616	33 390,674	11,132	10,661							
47	56	92 363	2 766,210	30 391,058	10,987	10,516							
48	57	91 728	2 549,600	27 624,848	10,835	10,364							
49	58	91 027	2 348,133	25 075,247	10,679	10,208							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 360 605,097	13,665	13,194	50	60	89 828	2 150,530	22 397,950	10,415	9,944
1	11	99 159	92 027,046	1 261 033,516	13,703	13,232	51	61	88 955	1 976,459	20 247,421	10,244	9,774
2	12	99 116	85 370,751	1 169 006,470	13,693	13,223	52	62	88 024	1 815,115	18 270,962	10,066	9,595
3	13	99 089	79 209,072	1 083 635,720	13,681	13,210	53	63	87 012	1 665,187	16 455,847	9,882	9,412
4	14	99 065	73 493,570	1 004 426,647	13,667	13,196	54	64	85 936	1 526,304	14 790,660	9,691	9,220
5	15	99 038	68 189,219	930 933,077	13,652	13,182	55	65	84 771	1 397,318	13 264,357	9,493	9,022
6	16	99 013	63 268,758	862 743,858	13,636	13,166	56	66	83 534	1 277,898	11 867,038	9,286	8,816
7	17	98 987	58 702,476	799 475,100	13,619	13,148	57	67	82 230	1 167,473	10 589,141	9,070	8,599
8	18	98 960	54 465,424	740 772,624	13,601	13,130	58	68	80 840	1 065,178	9 421,667	8,845	8,374
9	19	98 929	50 532,057	686 307,200	13,582	13,111	59	69	79 340	970,225	8 356,490	8,613	8,142
10	20	98 899	46 883,391	635 775,142	13,561	13,090	60	70	77 717	882,018	7 386,265	8,374	7,904
11	21	98 869	43 498,197	588 891,752	13,538	13,068	61	71	75 974	800,222	6 504,246	8,128	7,657
12	22	98 838	40 356,907	545 393,555	13,514	13,044	62	72	74 117	724,518	5 704,024	7,873	7,402
13	23	98 805	37 441,683	505 036,648	13,489	13,018	63	73	72 073	653,863	4 979,506	7,616	7,145
14	24	98 774	34 737,717	467 594,965	13,461	12,990	64	74	69 894	588,482	4 325,644	7,351	6,880
15	25	98 735	32 226,535	432 857,248	13,432	12,961	65	75	67 558	527,903	3 737,162	7,079	6,609
16	26	98 694	29 895,980	400 630,714	13,401	12,930	66	76	65 023	471,550	3 209,259	6,806	6,335
17	27	98 638	27 730,051	370 734,734	13,369	12,899	67	77	62 319	419,430	2 737,709	6,527	6,057
18	28	98 579	25 720,118	343 004,683	13,336	12,865	68	78	59 423	371,177	2 318,279	6,246	5,775
19	29	98 499	23 850,717	317 284,565	13,303	12,832	69	79	56 318	326,479	1 947,102	5,964	5,493
20	30	98 418	22 117,030	293 433,848	13,267	12,797	70	80	53 031	285,315	1 620,623	5,680	5,209
21	31	98 332	20 508,354	271 316,818	13,230	12,759	71	81	49 535	247,333	1 335,308	5,399	4,928
22	32	98 244	19 016,340	250 808,464	13,189	12,718	72	82	45 867	212,546	1 087,975	5,119	4,648
23	33	98 155	17 632,536	231 792,125	13,146	12,675	73	83	42 000	180,628	875,430	4,847	4,376
24	34	98 065	16 349,373	214 159,589	13,099	12,628	74	84	38 013	151,722	694,802	4,579	4,109
25	35	97 969	15 158,536	197 810,216	13,049	12,579	75	85	33 930	125,685	543,080	4,321	3,850
26	36	97 869	14 053,917	182 651,680	12,996	12,526	76	86	29 803	102,458	417,395	4,074	3,603
27	37	97 764	13 029,035	168 597,763	12,940	12,469	77	87	25 733	82,105	314,937	3,836	3,365
28	38	97 651	12 077,893	155 568,728	12,880	12,410	78	88	21 651	64,109	232,832	3,632	3,161
29	39	97 533	11 195,631	143 490,835	12,817	12,346	79	89	17 881	49,139	168,723	3,434	2,963
30	40	97 401	10 376,390	132 295,204	12,750	12,279	80	90	14 450	36,854	119,584	3,245	2,774
31	41	97 267	9 616,803	121 918,814	12,678	12,207	81	91	11 473	27,156	82,731	3,047	2,576
32	42	97 114	8 911,081	112 302,011	12,603	12,132	82	92	8 776	19,279	55,575	2,883	2,412
33	43	96 950	8 256,153	103 390,931	12,523	12,052	83	93	6 531	13,316	36,296	2,726	2,255
34	44	96 777	7 648,676	95 134,778	12,438	11,967	84	94	4 712	8,916	22,980	2,577	2,107
35	45	96 590	7 084,783	87 486,101	12,348	11,878	85	95	3 284	5,767	14,064	2,439	1,968
36	46	96 376	6 560,628	80 401,318	12,255	11,784	86	96	2 202	3,588	8,297	2,312	1,842
37	47	96 138	6 073,761	73 840,690	12,157	11,687	87	97	1 417	2,143	4,709	2,197	1,727
38	48	95 877	5 621,562	67 766,928	12,055	11,584	88	98	871	1,222	2,566	2,100	1,629
39	49	95 596	5 201,952	62 145,367	11,947	11,476	89	99	514	0,670	1,344	2,006	1,535
40	50	95 284	4 812,043	56 943,414	11,834	11,363	90	100	290	0,351	0,674	1,921	1,450
41	51	94 932	4 449,424	52 131,372	11,716	11,246							
42	52	94 555	4 112,992	47 681,948	11,593	11,122							
43	53	94 141	3 800,446	43 568,956	11,464	10,994							
44	54	93 674	3 509,615	39 768,510	11,331	10,861							
45	55	93 177	3 239,896	36 258,895	11,191	10,721							
46	56	92 618	2 988,824	33 018,999	11,047	10,577							
47	57	92 013	2 755,718	30 030,175	10,897	10,427							
48	58	91 349	2 539,080	27 274,457	10,742	10,271							
49	59	90 612	2 337,426	24 735,377	10,582	10,112							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 359 807,696	13,658	13,187	50	61	89 336	2 138,771	22 045,969	10,308	9,837
1	12	99 151	92 019,737	1 260 244,135	13,695	13,225	51	62	88 449	1 965,222	19 907,199	10,130	9,659
2	13	99 108	85 364,207	1 168 224,399	13,685	13,215	52	63	87 472	1 803,726	17 941,977	9,947	9,477
3	14	99 080	79 201,281	1 082 860,192	13,672	13,202	53	64	86 432	1 654,082	16 138,251	9,757	9,286
4	15	99 052	73 484,472	1 003 658,911	13,658	13,187	54	65	85 317	1 515,321	14 484,169	9,558	9,088
5	16	99 025	68 179,975	930 174,439	13,643	13,172	55	66	84 114	1 386,500	12 968,849	9,354	8,883
6	17	98 997	63 258,586	861 994,464	13,627	13,156	56	67	82 847	1 267,394	11 582,349	9,139	8,668
7	18	98 969	58 692,171	798 735,878	13,609	13,138	57	68	81 489	1 156,943	10 314,955	8,916	8,445
8	19	98 938	54 453,527	740 043,706	13,590	13,120	58	69	80 048	1 054,744	9 158,012	8,683	8,212
9	20	98 907	50 521,190	685 590,179	13,570	13,100	59	70	78 470	959,584	8 103,268	8,445	7,974
10	21	98 878	46 873,499	635 068,989	13,549	13,078	60	71	76 788	871,480	7 143,684	8,197	7,727
11	22	98 848	43 488,795	588 195,490	13,525	13,055	61	72	74 960	789,545	6 272,204	7,944	7,473
12	23	98 816	40 347,633	544 706,695	13,500	13,030	62	73	72 971	713,306	5 482,660	7,686	7,216
13	24	98 783	37 433,167	504 359,062	13,474	13,003	63	74	70 824	642,528	4 769,354	7,423	6,952
14	25	98 752	34 729,819	466 925,895	13,445	12,974	64	75	68 543	577,110	4 126,826	7,151	6,680
15	26	98 713	32 219,353	432 196,077	13,414	12,944	65	76	66 053	516,140	3 549,716	6,877	6,407
16	27	98 667	29 887,993	399 976,723	13,383	12,912	66	77	63 375	459,598	3 033,576	6,601	6,130
17	28	98 613	27 722,893	370 088,731	13,350	12,879	67	78	60 514	407,286	2 573,978	6,320	5,849
18	29	98 553	25 713,438	342 365,838	13,315	12,844	68	79	57 447	358,833	2 166,692	6,038	5,568
19	30	98 471	23 844,102	316 652,400	13,280	12,809	69	80	54 203	314,219	1 807,860	5,754	5,283
20	31	98 391	22 110,960	292 808,298	13,243	12,772	70	81	50 731	272,940	1 493,641	5,472	5,002
21	32	98 300	20 501,667	270 697,338	13,204	12,733	71	82	47 083	235,091	1 220,701	5,192	4,722
22	33	98 210	19 009,753	250 195,671	13,161	12,691	72	83	43 258	200,459	985,610	4,917	4,446
23	34	98 119	17 626,157	231 185,917	13,116	12,645	73	84	39 272	168,895	785,151	4,649	4,178
24	35	98 026	16 342,738	213 559,761	13,068	12,597	74	85	35 200	140,497	616,257	4,386	3,916
25	36	97 927	15 152,076	197 217,023	13,016	12,545	75	86	31 036	114,964	475,760	4,138	3,668
26	37	97 824	14 047,364	182 064,947	12,961	12,490	76	87	26 922	92,555	360,796	3,898	3,427
27	38	97 712	13 022,172	168 017,583	12,902	12,432	77	88	22 783	72,690	268,240	3,690	3,220
28	39	97 593	12 070,773	154 995,411	12,841	12,370	78	89	18 934	56,066	195,550	3,488	3,017
29	40	97 464	11 187,758	142 924,639	12,775	12,304	79	90	15 382	42,271	139,484	3,300	2,829
30	41	97 332	10 368,993	131 736,881	12,705	12,234	80	91	12 308	31,392	97,213	3,097	2,626
31	42	97 186	9 608,812	121 367,888	12,631	12,160	81	92	9 486	22,454	65,821	2,931	2,461
32	43	97 022	8 902,651	111 759,076	12,553	12,083	82	93	7 117	15,635	43,367	2,774	2,303
33	44	96 848	8 247,438	102 856,424	12,471	12,001	83	94	5 180	10,561	27,732	2,626	2,155
34	45	96 668	7 640,027	94 608,986	12,383	11,913	84	95	3 650	6,907	17,171	2,486	2,015
35	46	96 459	7 075,201	86 968,959	12,292	11,821	85	96	2 481	4,357	10,264	2,355	1,885
36	47	96 226	6 550,453	79 893,759	12,197	11,726	86	97	1 620	2,641	5,906	2,237	1,766
37	48	95 972	6 063,221	73 343,305	12,096	11,626	87	98	1 014	1,534	3,266	2,128	1,658
38	49	95 699	5 611,145	67 280,084	11,990	11,520	88	99	606	0,850	1,731	2,036	1,566
39	50	95 396	5 191,070	61 668,939	11,880	11,409	89	100	347	0,452	0,881	1,948	1,477
40	51	95 062	4 800,800	56 477,870	11,764	11,294							
41	52	94 695	4 438,341	51 677,070	11,643	11,173							
42	53	94 293	4 101,595	47 238,729	11,517	11,046							
43	54	93 855	3 788,896	43 137,134	11,385	10,914							
44	55	93 376	3 498,432	39 348,237	11,247	10,777							
45	56	92 842	3 228,240	35 849,805	11,105	10,634							
46	57	92 267	2 977,488	32 621,565	10,956	10,485							
47	58	91 633	2 744,348	29 644,077	10,802	10,331							
48	59	90 933	2 527,503	26 899,729	10,643	10,172							
49	60	90 179	2 326,257	24 372,227	10,477	10,006							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 358 948,084	13,650	13,179	50	62	88 828	2 126,611	21 670,825	10,190	9,720
1	13	99 144	92 012,683	1 259 392,431	13,687	13,216	51	63	87 894	1 952,890	19 544,214	10,008	9,537
2	14	99 099	85 355,809	1 167 379,748	13,677	13,206	52	64	86 889	1 791,697	17 591,324	9,818	9,348
3	15	99 067	79 191,476	1 082 023,939	13,663	13,193	53	65	85 810	1 642,180	15 799,627	9,621	9,150
4	16	99 039	73 474,510	1 002 832,463	13,649	13,178	54	66	84 657	1 503,588	14 157,447	9,416	8,945
5	17	99 009	68 169,014	929 357,953	13,633	13,162	55	67	83 423	1 375,103	12 653,859	9,202	8,731
6	18	98 980	63 247,482	861 188,938	13,616	13,146	56	68	82 100	1 255,962	11 278,756	8,980	8,510
7	19	98 948	58 679,351	797 941,456	13,598	13,128	57	69	80 690	1 145,611	10 022,793	8,749	8,278
8	20	98 917	54 441,817	739 262,105	13,579	13,108	58	70	79 170	1 043,176	8 877,183	8,510	8,039
9	21	98 887	50 510,531	684 820,289	13,558	13,087	59	71	77 532	948,119	7 834,007	8,263	7,792
10	22	98 857	46 863,367	634 309,758	13,535	13,065	60	72	75 764	859,851	6 885,888	8,008	7,538
11	23	98 825	43 478,802	587 446,391	13,511	13,040	61	73	73 800	777,326	6 026,037	7,752	7,282
12	24	98 793	40 338,455	543 967,589	13,485	13,014	62	74	71 706	700,941	5 248,710	7,488	7,017
13	25	98 760	37 424,656	503 629,133	13,457	12,986	63	75	69 455	630,111	4 547,769	7,217	6,747
14	26	98 730	34 722,080	466 204,477	13,427	12,956	64	76	67 016	564,251	3 917,658	6,943	6,472
15	27	98 687	32 210,746	431 482,398	13,396	12,925	65	77	64 378	503,057	3 353,407	6,666	6,195
16	28	98 642	29 880,278	399 271,652	13,362	12,892	66	78	61 540	446,290	2 850,350	6,387	5,916
17	29	98 587	27 715,692	369 391,374	13,328	12,857	67	79	58 502	393,740	2 404,059	6,106	5,635
18	30	98 526	25 706,306	341 675,682	13,292	12,821	68	80	55 290	345,358	2 010,319	5,821	5,350
19	31	98 444	23 837,558	315 969,376	13,255	12,784	69	81	51 852	300,590	1 664,961	5,539	5,068
20	32	98 358	22 103,751	292 131,818	13,216	12,746	70	82	48 220	259,430	1 364,370	5,259	4,788
21	33	98 266	20 494,567	270 028,067	13,176	12,705	71	83	44 405	221,722	1 104,940	4,983	4,513
22	34	98 175	19 002,876	249 533,500	13,131	12,661	72	84	40 448	187,437	883,218	4,712	4,241
23	35	98 080	17 619,004	230 530,624	13,084	12,614	73	85	36 366	156,399	695,781	4,449	3,978
24	36	97 984	16 335,773	212 911,621	13,033	12,563	74	86	32 198	128,513	539,382	4,197	3,726
25	37	97 882	15 145,010	196 575,847	12,980	12,509	75	87	28 036	103,853	410,869	3,956	3,486
26	38	97 772	14 039,965	181 430,837	12,922	12,452	76	88	23 835	81,943	307,016	3,747	3,276
27	39	97 655	13 014,495	167 390,872	12,862	12,391	77	89	19 924	63,571	225,073	3,541	3,070
28	40	97 524	12 062,284	154 376,377	12,798	12,328	78	90	16 288	48,230	161,503	3,349	2,878
29	41	97 395	11 179,783	142 314,094	12,730	12,259	79	91	13 102	36,006	113,273	3,146	2,675
30	42	97 251	10 360,377	131 134,311	12,657	12,187	80	92	10 177	25,957	77,267	2,977	2,506
31	43	97 094	9 599,722	120 773,934	12,581	12,110	81	93	7 693	18,210	51,310	2,818	2,347
32	44	96 920	8 893,254	111 174,211	12,501	12,030	82	94	5 645	12,401	33,099	2,669	2,198
33	45	96 738	8 238,112	102 280,957	12,416	11,945	83	95	4 013	8,181	20,699	2,530	2,060
34	46	96 537	7 629,693	94 042,845	12,326	11,855	84	96	2 758	5,218	12,518	2,399	1,928
35	47	96 310	7 064,228	86 413,152	12,232	11,762	85	97	1 826	3,207	7,300	2,276	1,805
36	48	96 059	6 539,086	79 348,924	12,135	11,664	86	98	1 160	1,891	4,092	2,164	1,694
37	49	95 794	6 051,986	72 809,839	12,031	11,560	87	99	706	1,068	2,202	2,062	1,592
38	50	95 499	5 599,406	66 757,853	11,922	11,452	88	100	409	0,574	1,134	1,976	1,505
39	51	95 173	5 178,941	61 158,447	11,809	11,338							
40	52	94 825	4 788,842	55 979,506	11,690	11,219							
41	53	94 433	4 426,043	51 190,664	11,566	11,095							
42	54	94 006	4 089,130	46 764,621	11,436	10,966							
43	55	93 556	3 776,824	42 675,491	11,299	10,829							
44	56	93 040	3 485,847	38 898,667	11,159	10,688							
45	57	92 490	3 215,996	35 412,820	11,011	10,541							
46	58	91 886	2 965,202	32 196,824	10,858	10,388							
47	59	91 215	2 731,834	29 231,622	10,700	10,230							
48	60	90 498	2 515,425	26 499,788	10,535	10,064							
49	61	89 686	2 313,538	23 984,363	10,367	9,896							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 358 021,179	13,642	13,171	50	63	88 271	2 113,267	21 271,055	10,065	9,595
1	14	99 134	92 003,632	1 258 473,158	13,679	13,208	51	64	87 308	1 939,867	19 157,788	9,876	9,405
2	15	99 086	85 345,243	1 166 469,526	13,668	13,197	52	65	86 263	1 778,804	17 217,921	9,679	9,209
3	16	99 054	79 180,741	1 081 124,284	13,654	13,183	53	66	85 145	1 629,465	15 439,117	9,475	9,004
4	17	99 023	73 462,699	1 001 943,543	13,639	13,168	54	67	83 961	1 491,229	13 809,652	9,261	8,790
5	18	98 991	68 157,048	928 480,844	13,623	13,152	55	68	82 670	1 362,700	12 318,422	9,040	8,569
6	19	98 958	63 233,667	860 323,796	13,605	13,135	56	69	81 296	1 243,660	10 955,722	8,809	8,339
7	20	98 927	58 666,731	797 090,130	13,587	13,116	57	70	79 805	1 133,046	9 712,062	8,572	8,101
8	21	98 896	54 430,330	738 423,398	13,566	13,096	58	71	78 224	1 030,712	8 579,016	8,323	7,853
9	22	98 865	50 499,613	683 993,068	13,545	13,074	59	72	76 498	935,468	7 548,304	8,069	7,598
10	23	98 834	46 852,598	633 493,455	13,521	13,050	60	73	74 591	846,545	6 612,837	7,812	7,341
11	24	98 803	43 468,912	586 640,857	13,496	13,025	61	74	72 521	763,851	5 766,291	7,549	7,078
12	25	98 771	40 329,284	543 171,945	13,468	12,998	62	75	70 320	687,396	5 002,440	7,277	6,807
13	26	98 738	37 416,316	502 842,660	13,439	12,968	63	76	67 908	616,072	4 315,045	7,004	6,533
14	27	98 703	34 712,803	465 426,344	13,408	12,937	64	77	65 317	549,949	3 698,973	6,726	6,255
15	28	98 662	32 202,431	430 713,541	13,375	12,905	65	78	62 514	488,492	3 149,024	6,446	5,976
16	29	98 616	29 872,517	398 511,109	13,340	12,870	66	79	59 493	431,448	2 660,533	6,167	5,696
17	30	98 560	27 708,005	368 638,593	13,304	12,834	67	80	56 305	378,955	2 229,085	5,882	5,412
18	31	98 499	25 699,251	340 930,588	13,266	12,796	68	81	52 892	330,379	1 850,130	5,600	5,129
19	32	98 412	23 829,787	315 231,337	13,228	12,758	69	82	49 286	285,712	1 519,751	5,319	4,848
20	33	98 324	22 096,096	291 401,550	13,188	12,717	70	83	45 478	244,677	1 234,038	5,044	4,573
21	34	98 230	20 487,152	269 305,454	13,145	12,674	71	84	41 521	207,319	989,361	4,772	4,302
22	35	98 135	18 995,164	248 818,303	13,099	12,628	72	85	37 456	173,569	782,042	4,506	4,035
23	36	98 038	17 611,495	229 823,138	13,050	12,579	73	86	33 264	143,059	608,473	4,253	3,783
24	37	97 938	16 328,156	212 211,643	12,997	12,526	74	87	29 086	116,092	465,414	4,009	3,538
25	38	97 830	15 137,033	195 883,488	12,941	12,470	75	88	24 821	91,945	349,322	3,799	3,329
26	39	97 715	14 031,687	180 746,454	12,881	12,411	76	89	20 845	71,662	257,377	3,592	3,121
27	40	97 586	13 005,342	166 714,767	12,819	12,348	77	90	17 140	54,685	185,714	3,396	2,925
28	41	97 455	12 053,686	153 709,425	12,752	12,281	78	91	13 874	41,082	131,029	3,189	2,719
29	42	97 314	11 170,493	141 655,739	12,681	12,211	79	92	10 834	29,772	89,947	3,021	2,551
30	43	97 159	10 350,577	130 485,246	12,607	12,136	80	93	8 254	21,051	60,175	2,858	2,388
31	44	96 992	9 589,589	120 134,670	12,528	12,057	81	94	6 102	14,443	39,123	2,709	2,238
32	45	96 810	8 883,197	110 545,080	12,444	11,974	82	95	4 373	9,606	24,680	2,569	2,099
33	46	96 607	8 226,969	101 661,883	12,357	11,886	83	96	3 032	6,181	15,075	2,439	1,968
34	47	96 387	7 617,860	93 434,913	12,265	11,795	84	97	2 030	3,841	8,894	2,316	1,845
35	48	96 142	7 051,968	85 817,053	12,169	11,699	85	98	1 308	2,296	5,053	2,200	1,730
36	49	95 881	6 526,969	78 765,085	12,068	11,597	86	99	807	1,316	2,756	2,095	1,625
37	50	95 593	6 039,325	72 238,116	11,961	11,491	87	100	476	0,721	1,441	2,000	1,529
38	51	95 276	5 586,323	66 198,791	11,850	11,379							
39	52	94 936	5 166,041	60 612,468	11,733	11,262							
40	53	94 562	4 775,573	55 446,427	11,610	11,140							
41	54	94 146	4 412,592	50 670,854	11,483	11,013							
42	55	93 707	4 076,101	46 258,262	11,349	10,878							
43	56	93 219	3 763,237	42 182,161	11,209	10,738							
44	57	92 687	3 472,625	38 418,924	11,063	10,593							
45	58	92 108	3 202,726	34 946,299	10,911	10,441							
46	59	91 467	2 951,682	31 743,573	10,754	10,284							
47	60	90 779	2 718,781	28 791,891	10,590	10,119							
48	61	90 004	2 501,671	26 073,111	10,422	9,952							
49	62	89 176	2 300,384	23 571,439	10,247	9,776							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 357 021,340	13,633	13,163	50	64	87 682	2 099,174	20 845,953	9,931	9,460
1	15	99 122	91 992,242	1 257 483,111	13,669	13,199	51	65	86 680	1 925,908	18 746,779	9,734	9,263
2	16	99 073	85 333,673	1 165 490,869	13,658	13,187	52	66	85 596	1 765,032	16 820,870	9,530	9,059
3	17	99 038	79 168,011	1 080 157,196	13,644	13,173	53	67	84 445	1 616,072	15 055,838	9,316	8,846
4	18	99 006	73 449,803	1 000 989,185	13,628	13,158	54	68	83 204	1 477,779	13 439,767	9,095	8,624
5	19	98 970	68 142,160	927 539,382	13,612	13,141	55	69	81 861	1 349,352	11 961,988	8,865	8,394
6	20	98 937	63 220,068	859 397,221	13,594	13,123	56	70	80 404	1 230,020	10 612,636	8,628	8,157
7	21	98 906	58 654,353	796 177,154	13,574	13,103	57	71	78 852	1 119,508	9 382,616	8,381	7,910
8	22	98 875	54 418,565	737 522,800	13,553	13,082	58	72	77 180	1 016,959	8 263,107	8,125	7,655
9	23	98 843	50 488,009	683 104,235	13,530	13,059	59	73	75 314	920,991	7 246,148	7,868	7,397
10	24	98 812	46 841,941	632 616,226	13,505	13,035	60	74	73 298	831,870	6 325,157	7,604	7,133
11	25	98 780	43 459,029	585 774,285	13,479	13,008	61	75	71 119	749,090	5 493,287	7,333	6,863
12	26	98 749	40 320,297	542 315,256	13,450	12,980	62	76	68 753	672,080	4 744,197	7,059	6,588
13	27	98 712	37 406,320	501 994,958	13,420	12,949	63	77	66 187	600,456	4 072,117	6,782	6,311
14	28	98 678	34 703,843	464 588,638	13,387	12,917	64	78	63 426	534,025	3 471,661	6,501	6,030
15	29	98 636	32 194,067	429 884,795	13,353	12,882	65	79	60 435	472,245	2 937,636	6,221	5,750
16	30	98 589	29 864,231	397 690,728	13,317	12,846	66	80	57 259	415,246	2 465,391	5,937	5,467
17	31	98 533	27 700,401	367 826,497	13,279	12,808	67	81	53 863	362,519	2 050,144	5,655	5,185
18	32	98 467	25 690,872	340 126,096	13,239	12,769	68	82	50 274	314,027	1 687,625	5,374	4,903
19	33	98 378	23 821,533	314 435,224	13,200	12,729	69	83	46 483	269,465	1 373,599	5,098	4,627
20	34	98 289	22 088,102	290 613,691	13,157	12,686	70	84	42 524	228,783	1 104,134	4,826	4,355
21	35	98 190	20 478,838	268 525,589	13,112	12,642	71	85	38 449	191,980	875,351	4,560	4,089
22	36	98 093	18 987,069	248 046,751	13,064	12,593	72	86	34 261	158,765	683,371	4,304	3,834
23	37	97 992	17 603,283	229 059,682	13,012	12,542	73	87	30 049	129,232	524,606	4,059	3,589
24	38	97 887	16 319,556	211 456,399	12,957	12,487	74	88	25 751	102,781	395,374	3,847	3,376
25	39	97 772	15 128,109	195 136,844	12,899	12,428	75	89	21 707	80,410	292,593	3,639	3,168
26	40	97 646	14 021,820	180 008,735	12,838	12,367	76	90	17 932	61,646	212,183	3,442	2,971
27	41	97 517	12 996,072	165 986,915	12,772	12,301	77	91	14 600	46,581	150,537	3,232	2,761
28	42	97 374	12 043,669	152 990,843	12,703	12,232	78	92	11 472	33,969	103,956	3,060	2,590
29	43	97 222	11 159,926	140 947,174	12,630	12,159	79	93	8 786	24,146	69,987	2,899	2,428
30	44	97 056	10 339,651	129 787,248	12,552	12,082	80	94	6 546	16,696	45,841	2,746	2,275
31	45	96 882	9 578,745	119 447,597	12,470	11,999	81	95	4 727	11,188	29,145	2,605	2,134
32	46	96 680	8 871,182	109 868,851	12,385	11,914	82	96	3 304	7,258	17,957	2,474	2,004
33	47	96 458	8 214,210	100 997,669	12,295	11,825	83	97	2 231	4,549	10,700	2,352	1,881
34	48	96 220	7 604,640	92 783,459	12,201	11,730	84	98	1 453	2,750	6,151	2,236	1,766
35	49	95 964	7 038,901	85 178,819	12,101	11,630	85	99	910	1,598	3,400	2,128	1,658
36	50	95 681	6 513,314	78 139,918	11,997	11,526	86	100	545	0,888	1,803	2,030	1,559
37	51	95 370	6 025,214	71 626,604	11,888	11,417							
38	52	95 039	5 572,409	65 601,389	11,773	11,302							
39	53	94 673	5 151,727	60 028,980	11,652	11,182							
40	54	94 275	4 761,059	54 877,254	11,526	11,056							
41	55	93 846	4 398,533	50 116,195	11,394	10,923							
42	56	93 370	4 061,437	45 717,662	11,257	10,786							
43	57	92 865	3 748,963	41 656,225	11,111	10,641							
44	58	92 304	3 458,296	37 907,261	10,961	10,491							
45	59	91 688	3 188,122	34 448,965	10,805	10,335							
46	60	91 030	2 937,578	31 260,843	10,642	10,171							
47	61	90 283	2 703,915	28 323,265	10,475	10,004							
48	62	89 492	2 487,448	25 619,351	10,299	9,829							
49	63	88 616	2 285,950	23 131,902	10,119	9,649							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 355 945,132	13,624	13,153	50	65	87 051	2 084,069	20 394,308	9,786	9,315
1	16	99 108	91 979,772	1 256 419,225	13,660	13,189	51	66	86 008	1 910,997	18 310,239	9,582	9,111
2	17	99 057	85 319,955	1 164 439,454	13,648	13,177	52	67	84 892	1 750,524	16 399,242	9,368	8,898
3	18	99 021	79 154,114	1 079 119,499	13,633	13,162	53	68	83 684	1 601,495	14 648,718	9,147	8,676
4	19	98 984	73 433,759	999 965,385	13,617	13,147	54	69	82 389	1 463,304	13 047,223	8,916	8,446
5	20	98 948	68 127,506	926 531,626	13,600	13,129	55	70	80 963	1 334,553	11 583,919	8,680	8,209
6	21	98 916	63 206,729	858 404,120	13,581	13,110	56	71	79 444	1 215,323	10 249,366	8,433	7,963
7	22	98 884	58 641,675	795 197,391	13,560	13,090	57	72	77 800	1 104,571	9 034,043	8,179	7,708
8	23	98 852	54 406,060	736 555,716	13,538	13,067	58	73	75 986	1 001,222	7 929,472	7,920	7,449
9	24	98 820	50 476,525	682 149,656	13,514	13,044	59	74	74 008	905,026	6 928,251	7,655	7,185
10	25	98 789	46 831,292	631 673,131	13,488	13,018	60	75	71 882	815,795	6 023,225	7,383	6,913
11	26	98 758	43 449,345	584 841,839	13,460	12,990	61	76	69 535	732,400	5 207,430	7,110	6,639
12	27	98 722	40 309,525	541 392,494	13,431	12,960	62	77	67 010	655,044	4 475,031	6,832	6,361
13	28	98 686	37 396,665	501 082,969	13,399	12,928	63	78	64 270	583,070	3 819,986	6,552	6,081
14	29	98 652	34 694,829	463 686,304	13,365	12,894	64	79	61 317	516,265	3 236,917	6,270	5,799
15	30	98 609	32 185,138	428 991,475	13,329	12,858	65	80	58 166	454,512	2 720,652	5,986	5,515
16	31	98 562	29 856,035	396 806,338	13,291	12,820	66	81	54 776	397,236	2 266,140	5,705	5,234
17	32	98 500	27 691,370	366 950,302	13,251	12,781	67	82	51 197	344,576	1 868,904	5,424	4,953
18	33	98 433	25 681,974	339 258,932	13,210	12,739	68	83	47 415	296,169	1 524,328	5,147	4,676
19	34	98 342	23 812,915	313 576,958	13,168	12,698	69	84	43 463	251,960	1 228,160	4,874	4,404
20	35	98 249	22 079,138	289 764,043	13,124	12,653	70	85	39 378	211,856	976,199	4,608	4,137
21	36	98 148	20 470,111	267 684,905	13,077	12,606	71	86	35 169	175,605	764,343	4,353	3,882
22	37	98 047	18 978,215	247 214,795	13,026	12,556	72	87	30 950	143,420	588,738	4,105	3,634
23	38	97 940	17 594,011	228 236,580	12,972	12,502	73	88	26 604	114,414	445,317	3,892	3,421
24	39	97 829	16 309,934	210 642,569	12,915	12,444	74	89	22 520	89,886	330,903	3,681	3,211
25	40	97 704	15 117,470	194 332,635	12,855	12,384	75	90	18 673	69,171	241,017	3,484	3,014
26	41	97 576	14 011,825	179 215,164	12,790	12,320	76	91	15 274	52,510	171,846	3,273	2,802
27	42	97 436	12 985,273	165 203,340	12,722	12,252	77	92	12 072	38,516	119,336	3,098	2,628
28	43	97 282	12 032,277	152 218,067	12,651	12,180	78	93	9 304	27,550	80,820	2,934	2,463
29	44	97 119	11 148,146	140 185,790	12,575	12,104	79	94	6 969	19,150	53,270	2,782	2,311
30	45	96 947	10 327,959	129 037,644	12,494	12,023	80	95	5 071	12,933	34,120	2,638	2,168
31	46	96 751	9 565,789	118 709,685	12,410	11,939	81	96	3 571	8,453	21,187	2,506	2,036
32	47	96 530	8 857,424	109 143,896	12,322	11,852	82	97	2 432	5,342	12,734	2,384	1,913
33	48	96 290	8 199,955	100 286,472	12,230	11,759	83	98	1 598	3,257	7,393	2,269	1,799
34	49	96 042	7 590,549	92 086,517	12,132	11,661	84	99	1 011	1,913	4,135	2,161	1,691
35	50	95 764	7 024,175	84 495,968	12,029	11,559	85	100	614	1,079	2,222	2,060	1,589
36	51	95 457	6 498,096	77 471,793	11,922	11,452							
37	52	95 132	6 010,207	70 973,697	11,809	11,338							
38	53	94 775	5 556,969	64 963,490	11,690	11,220							
39	54	94 385	5 136,070	59 406,521	11,567	11,096							
40	55	93 974	4 745,889	54 270,451	11,435	10,965							
41	56	93 508	4 382,709	49 524,562	11,300	10,829							
42	57	93 015	4 046,033	45 141,853	11,157	10,686							
43	58	92 482	3 733,494	41 095,821	11,007	10,537							
44	59	91 884	3 442,528	37 362,327	10,853	10,383							
45	60	91 250	3 172,888	33 919,799	10,691	10,220							
46	61	90 532	2 921,515	30 746,911	10,524	10,054							
47	62	89 770	2 688,542	27 825,395	10,350	9,879							
48	63	88 930	2 471,840	25 136,854	10,169	9,699							
49	64	88 025	2 270,705	22 665,014	9,981	9,511							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 354 789,274	13,614	13,144	50	66	86 377	2 067,933	19 915,124	9,630	9,160
1	17	99 092	91 964,985	1 255 276,860	13,650	13,179	51	67	85 301	1 895,289	17 847,190	9,417	8,946
2	18	99 040	85 304,978	1 163 311,875	13,637	13,166	52	68	84 126	1 734,735	15 951,901	9,196	8,725
3	19	98 999	79 136,824	1 078 006,897	13,622	13,151	53	69	82 864	1 585,808	14 217,166	8,965	8,495
4	20	98 963	73 417,967	998 870,073	13,605	13,135	54	70	81 485	1 447,255	12 631,358	8,728	8,257
5	21	98 928	68 113,132	925 452,107	13,587	13,116	55	71	79 996	1 318,607	11 184,103	8,482	8,011
6	22	98 895	63 193,067	857 338,975	13,567	13,096	56	72	78 384	1 199,107	9 865,496	8,227	7,757
7	23	98 862	58 628,200	794 145,908	13,545	13,075	57	73	76 596	1 087,477	8 666,389	7,969	7,499
8	24	98 830	54 393,685	735 517,708	13,522	13,051	58	74	74 669	983,865	7 578,911	7,703	7,233
9	25	98 798	50 465,049	681 124,023	13,497	13,026	59	75	72 578	887,537	6 595,046	7,431	6,960
10	26	98 767	46 820,856	630 658,974	13,470	12,999	60	76	70 280	797,618	5 707,510	7,156	6,685
11	27	98 732	43 437,737	583 838,118	13,441	12,970	61	77	67 772	713,835	4 909,892	6,878	6,408
12	28	98 697	40 299,120	540 400,381	13,410	12,939	62	78	65 070	636,078	4 196,057	6,597	6,126
13	29	98 661	37 386,951	500 101,261	13,376	12,906	63	79	62 133	563,678	3 559,979	6,316	5,845
14	30	98 625	34 685,206	462 714,310	13,340	12,870	64	80	59 014	496,878	2 996,301	6,030	5,560
15	31	98 581	32 176,305	428 029,104	13,303	12,832	65	81	55 643	434,799	2 499,422	5,748	5,278
16	32	98 530	29 846,301	395 852,799	13,263	12,792	66	82	52 065	377,574	2 064,624	5,468	4,997
17	33	98 466	27 681,779	366 006,497	13,222	12,751	67	83	48 285	324,980	1 687,049	5,191	4,721
18	34	98 397	25 672,683	338 324,718	13,178	12,708	68	84	44 335	276,930	1 362,069	4,918	4,448
19	35	98 303	23 803,251	312 652,035	13,135	12,664	69	85	40 248	233,319	1 085,139	4,651	4,180
20	36	98 207	22 069,729	288 848,784	13,088	12,617	70	86	36 019	193,786	851,820	4,396	3,925
21	37	98 103	20 460,565	266 779,056	13,039	12,568	71	87	31 770	158,633	658,034	4,148	3,677
22	38	97 996	18 968,219	246 318,491	12,986	12,515	72	88	27 401	126,975	499,401	3,933	3,462
23	39	97 883	17 583,638	227 350,271	12,930	12,459	73	89	23 266	100,060	372,425	3,722	3,251
24	40	97 760	16 298,464	209 766,633	12,870	12,400	74	90	19 372	77,323	272,366	3,522	3,052
25	41	97 634	15 106,694	193 468,169	12,807	12,336	75	91	15 906	58,920	195,043	3,310	2,840
26	42	97 495	14 000,181	178 361,475	12,740	12,269	76	92	12 630	43,418	136,123	3,135	2,664
27	43	97 343	12 972,989	164 361,293	12,670	12,199	77	93	9 790	31,237	92,705	2,968	2,497
28	44	97 179	12 019,576	151 388,304	12,595	12,124	78	94	7 379	21,850	61,468	2,813	2,342
29	45	97 009	11 135,540	139 368,728	12,516	12,045	79	95	5 398	14,834	39,617	2,671	2,200
30	46	96 816	10 313,990	128 233,189	12,433	11,962	80	96	3 831	9,772	24,784	2,536	2,066
31	47	96 601	9 550,954	117 919,199	12,346	11,876	81	97	2 628	6,221	15,012	2,413	1,942
32	48	96 362	8 842,053	108 368,245	12,256	11,785	82	98	1 741	3,825	8,791	2,298	1,828
33	49	96 112	8 184,761	99 526,193	12,160	11,689	83	99	1 112	2,266	4,966	2,191	1,720
34	50	95 841	7 574,669	91 341,432	12,059	11,588	84	100	683	1,292	2,699	2,090	1,619
35	51	95 540	7 007,764	83 766,763	11,953	11,483							
36	52	95 219	6 481,911	76 758,999	11,842	11,371							
37	53	94 869	5 993,553	70 277,089	11,725	11,255							
38	54	94 487	5 540,080	64 283,535	11,603	11,133							
39	55	94 085	5 119,706	58 743,455	11,474	11,003							
40	56	93 636	4 728,816	53 623,750	11,340	10,869							
41	57	93 154	4 366,086	48 894,934	11,199	10,728							
42	58	92 632	4 029,338	44 528,848	11,051	10,580							
43	59	92 061	3 716,471	40 499,511	10,897	10,427							
44	60	91 444	3 426,078	36 783,040	10,736	10,266							
45	61	90 751	3 155,539	33 356,962	10,571	10,100							
46	62	90 017	2 904,905	30 201,423	10,397	9,926							
47	63	89 206	2 671,672	27 296,517	10,217	9,746							
48	64	88 337	2 455,356	24 624,846	10,029	9,558							
49	65	87 392	2 254,366	22 169,490	9,834	9,363							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 353 548,777	13,604	13,133	50	67	85 667	2 050,935	19 407,362	9,463	8,992
1	18	99 075	91 948,841	1 254 052,361	13,639	13,168	51	68	84 532	1 878,194	17 356,427	9,241	8,770
2	19	99 018	85 286,344	1 162 103,519	13,626	13,155	52	69	83 302	1 717,743	15 478,233	9,011	8,540
3	20	98 978	79 119,805	1 076 817,175	13,610	13,139	53	70	81 955	1 568,416	13 760,490	8,773	8,303
4	21	98 942	73 402,476	997 697,370	13,592	13,121	54	71	80 511	1 429,963	12 192,074	8,526	8,055
5	22	98 906	68 098,409	924 294,894	13,573	13,102	55	72	78 928	1 301,013	10 762,111	8,272	7,801
6	23	98 872	63 178,546	856 196,485	13,552	13,081	56	73	77 171	1 180,551	9 461,098	8,014	7,543
7	24	98 839	58 614,864	793 017,939	13,529	13,059	57	74	75 268	1 068,625	8 280,547	7,749	7,278
8	25	98 807	54 381,318	734 403,074	13,505	13,034	58	75	73 226	964,853	7 211,922	7,475	7,004
9	26	98 776	50 453,803	680 021,756	13,478	13,007	59	76	70 961	867,761	6 247,069	7,199	6,728
10	27	98 741	46 808,347	629 567,953	13,450	12,979	60	77	68 499	777,400	5 379,308	6,920	6,449
11	28	98 706	43 426,524	582 759,606	13,419	12,949	61	78	65 810	693,167	4 601,908	6,639	6,168
12	29	98 671	40 288,653	539 333,081	13,387	12,916	62	79	62 906	614,923	3 908,741	6,356	5,886
13	30	98 633	37 376,582	499 044,428	13,352	12,881	63	80	59 800	542,512	3 293,818	6,071	5,601
14	31	98 598	34 675,687	461 667,846	13,314	12,843	64	81	56 454	475,327	2 751,306	5,788	5,318
15	32	98 549	32 165,814	426 992,159	13,275	12,804	65	82	52 889	413,278	2 275,979	5,507	5,036
16	33	98 496	29 835,964	394 826,345	13,233	12,763	66	83	49 104	356,103	1 862,701	5,231	4,760
17	34	98 431	27 671,764	364 990,381	13,190	12,719	67	84	45 149	303,870	1 506,599	4,958	4,487
18	35	98 357	25 662,264	337 318,616	13,145	12,674	68	85	41 055	256,441	1 202,729	4,690	4,219
19	36	98 261	23 793,107	311 656,352	13,099	12,628	69	86	36 815	213,418	946,288	4,434	3,963
20	37	98 161	22 059,437	287 863,245	13,049	12,579	70	87	32 538	175,057	732,870	4,186	3,716
21	38	98 051	20 449,789	265 803,808	12,998	12,527	71	88	28 127	140,444	557,813	3,972	3,501
22	39	97 938	18 957,036	245 354,019	12,943	12,472	72	89	23 963	111,045	417,369	3,759	3,288
23	40	97 814	17 571,272	226 396,983	12,884	12,414	73	90	20 014	86,075	306,324	3,559	3,088
24	41	97 690	16 286,846	208 825,711	12,822	12,351	74	91	16 502	65,864	220,250	3,344	2,873
25	42	97 553	15 094,141	192 538,864	12,756	12,285	75	92	13 152	48,718	154,386	3,169	2,698
26	43	97 403	13 986,938	177 444,723	12,686	12,216	76	93	10 243	35,213	105,667	3,001	2,530
27	44	97 241	12 959,296	163 457,785	12,613	12,143	77	94	7 765	24,775	70,454	2,844	2,373
28	45	97 069	12 005,984	150 498,490	12,535	12,065	78	95	5 716	16,925	45,680	2,699	2,228
29	46	96 878	11 120,478	138 492,506	12,454	11,983	79	96	4 078	11,208	28,755	2,566	2,095
30	47	96 665	10 297,993	127 372,027	12,369	11,898	80	97	2 820	7,192	17,547	2,440	1,969
31	48	96 434	9 534,379	117 074,034	12,279	11,808	81	98	1 882	4,455	10,355	2,324	1,854
32	49	96 183	8 825,669	107 539,655	12,185	11,714	82	99	1 211	2,661	5,900	2,217	1,747
33	50	95 911	8 167,638	98 713,987	12,086	11,615	83	100	750	1,530	3,239	2,117	1,646
34	51	95 617	7 556,971	90 546,349	11,982	11,511							
35	52	95 302	6 990,309	82 989,378	11,872	11,401							
36	53	94 955	6 463,950	75 999,069	11,757	11,287							
37	54	94 581	5 975,338	69 535,119	11,637	11,166							
38	55	94 186	5 522,428	63 559,781	11,509	11,039							
39	56	93 746	5 101,287	58 037,353	11,377	10,906							
40	57	93 281	4 710,880	52 936,065	11,237	10,766							
41	58	92 769	4 348,070	48 225,185	11,091	10,621							
42	59	92 209	4 010,965	43 877,115	10,939	10,469							
43	60	91 621	3 698,712	39 866,150	10,778	10,308							
44	61	90 944	3 407,345	36 167,438	10,615	10,144							
45	62	90 235	3 137,599	32 760,093	10,441	9,970							
46	63	89 453	2 886,677	29 622,495	10,262	9,791							
47	64	88 611	2 653,855	26 735,817	10,074	9,604							
48	65	87 702	2 437,688	24 081,962	9,879	9,408							
49	66	86 715	2 236,912	21 644,274	9,676	9,205							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 352 219,720	13,593	13,122	50	68	84 895	2 032,437	18 869,740	9,284	8,814
1	19	99 053	91 928,756	1 252 740,769	13,627	13,157	51	69	83 704	1 859,797	16 837,304	9,053	8,583
2	20	98 997	85 268,003	1 160 812,013	13,614	13,143	52	70	82 389	1 698,903	14 977,507	8,816	8,345
3	21	98 957	79 103,112	1 075 544,010	13,597	13,126	53	71	80 976	1 549,676	13 278,603	8,569	8,098
4	22	98 920	73 386,611	996 440,898	13,578	13,107	54	72	79 437	1 410,883	11 728,927	8,313	7,843
5	23	98 883	68 082,761	923 054,288	13,558	13,087	55	73	77 707	1 280,880	10 318,045	8,055	7,585
6	24	98 850	63 164,175	854 971,527	13,536	13,065	56	74	75 833	1 160,086	9 037,165	7,790	7,319
7	25	98 817	58 601,538	791 807,351	13,512	13,041	57	75	73 814	1 047,975	7 877,079	7,516	7,046
8	26	98 785	54 369,200	733 205,813	13,486	13,015	58	76	71 594	943,355	6 829,104	7,239	6,769
9	27	98 749	50 440,324	678 836,613	13,458	12,988	59	77	69 162	845,766	5 885,749	6,959	6,488
10	28	98 715	46 796,264	628 396,289	13,428	12,958	60	78	66 515	754,891	5 039,984	6,676	6,206
11	29	98 681	43 415,245	581 600,025	13,396	12,926	61	79	63 621	670,113	4 285,093	6,395	5,924
12	30	98 644	40 277,479	538 184,780	13,362	12,891	62	80	60 544	591,832	3 614,979	6,108	5,637
13	31	98 606	37 366,324	497 907,301	13,325	12,854	63	81	57 206	518,981	3 023,147	5,825	5,354
14	32	98 566	34 664,382	460 540,977	13,286	12,815	64	82	53 660	451,801	2 504,166	5,543	5,072
15	33	98 515	32 154,674	425 876,595	13,245	12,774	65	83	49 881	389,776	2 052,365	5,266	4,795
16	34	98 460	29 825,170	393 721,921	13,201	12,730	66	84	45 914	332,970	1 662,590	4,993	4,523
17	35	98 391	27 660,534	363 896,751	13,156	12,685	67	85	41 808	281,388	1 329,619	4,725	4,255
18	36	98 315	25 651,328	336 236,217	13,108	12,637	68	86	37 553	234,568	1 048,231	4,469	3,998
19	37	98 215	23 782,012	310 584,889	13,060	12,589	69	87	33 257	192,791	813,664	4,220	3,750
20	38	98 110	22 047,818	286 802,877	13,008	12,538	70	88	28 807	154,985	620,872	4,006	3,535
21	39	97 993	20 437,732	264 755,058	12,954	12,484	71	89	24 599	122,824	465,888	3,793	3,322
22	40	97 869	18 943,705	244 317,326	12,897	12,426	72	90	20 614	95,524	343,064	3,591	3,121
23	41	97 744	17 558,748	225 373,622	12,835	12,365	73	91	17 048	73,319	247,540	3,376	2,906
24	42	97 609	16 273,312	207 814,874	12,770	12,300	74	92	13 644	54,460	174,221	3,199	2,728
25	43	97 461	15 079,863	191 541,562	12,702	12,231	75	93	10 666	39,511	119,761	3,031	2,560
26	44	97 300	13 972,174	176 461,699	12,630	12,159	76	94	8 124	27,928	80,250	2,873	2,403
27	45	97 131	12 944,641	162 489,525	12,553	12,082	77	95	6 015	19,191	52,322	2,726	2,256
28	46	96 938	11 989,745	149 544,884	12,473	12,002	78	96	4 319	12,788	33,131	2,591	2,120
29	47	96 728	11 103,231	137 555,139	12,389	11,918	79	97	3 002	8,249	20,343	2,466	1,995
30	48	96 498	10 280,122	126 451,908	12,301	11,830	80	98	2 019	5,150	12,094	2,349	1,878
31	49	96 255	9 516,712	116 171,785	12,207	11,736	81	99	1 309	3,099	6,945	2,241	1,770
32	50	95 982	8 807,205	106 655,073	12,110	11,639	82	100	818	1,796	3,845	2,141	1,670
33	51	95 687	8 148,554	97 847,869	12,008	11,537							
34	52	95 379	7 538,148	89 699,315	11,899	11,429							
35	53	95 038	6 970,940	82 161,166	11,786	11,316							
36	54	94 667	6 444,305	75 190,226	11,668	11,197							
37	55	94 279	5 956,300	68 745,921	11,542	11,071							
38	56	93 847	5 502,561	62 789,622	11,411	10,940							
39	57	93 391	5 081,939	57 287,061	11,273	10,802							
40	58	92 896	4 691,442	52 205,122	11,128	10,657							
41	59	92 346	4 328,244	47 513,680	10,978	10,507							
42	60	91 769	3 991,799	43 185,436	10,819	10,348							
43	61	91 120	3 678,488	39 193,636	10,655	10,184							
44	62	90 427	3 387,972	35 515,149	10,483	10,012							
45	63	89 669	3 117,911	32 127,176	10,304	9,833							
46	64	88 856	2 867,427	29 009,265	10,117	9,646							
47	65	87 974	2 634,759	26 141,838	9,922	9,451							
48	66	87 023	2 418,814	23 507,079	9,718	9,248							
49	67	86 002	2 218,525	21 088,265	9,506	9,035							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 350 796,761	13,582	13,111	50	69	84 063	2 012,529	18 301,579	9,094	8,623
1	20	99 032	91 908,987	1 251 339,540	13,615	13,144	51	70	82 786	1 839,399	16 289,051	8,856	8,385
2	21	98 976	85 250,012	1 159 430,553	13,600	13,130	52	71	81 404	1 678,605	14 449,651	8,608	8,137
3	22	98 935	79 086,014	1 074 180,541	13,582	13,112	53	72	79 896	1 528,999	12 771,047	8,353	7,882
4	23	98 898	73 369,747	995 094,527	13,563	13,092	54	73	78 208	1 389,049	11 242,048	8,093	7,623
5	24	98 861	68 067,275	921 724,780	13,541	13,071	55	74	76 360	1 258,675	9 852,999	7,828	7,357
6	25	98 827	63 149,815	853 657,505	13,518	13,047	56	75	74 367	1 137,668	8 594,324	7,554	7,084
7	26	98 795	58 588,479	790 507,690	13,493	13,022	57	76	72 169	1 024,625	7 456,656	7,277	6,807
8	27	98 759	54 354,675	731 919,211	13,466	12,995	58	77	69 779	919,443	6 432,031	6,996	6,525
9	28	98 724	50 427,304	677 564,536	13,436	12,966	59	78	67 160	821,277	5 512,588	6,712	6,242
10	29	98 690	46 784,110	627 137,233	13,405	12,934	60	79	64 303	729,785	4 691,311	6,428	5,958
11	30	98 653	43 403,203	580 353,123	13,371	12,901	61	80	61 232	644,950	3 961,526	6,142	5,672
12	31	98 617	40 266,425	536 949,919	13,335	12,864	62	81	57 918	566,163	3 316,576	5,858	5,387
13	32	98 574	37 354,142	496 683,495	13,297	12,826	63	82	54 374	493,294	2 750,413	5,576	5,105
14	33	98 531	34 652,376	459 329,353	13,255	12,785	64	83	50 609	426,108	2 257,119	5,297	4,826
15	34	98 480	32 143,041	424 676,977	13,212	12,741	65	84	46 641	364,456	1 831,012	5,024	4,553
16	35	98 420	29 813,066	392 533,936	13,167	12,696	66	85	42 517	308,335	1 466,556	4,756	4,286
17	36	98 349	27 648,747	362 720,870	13,119	12,648	67	86	38 242	257,387	1 158,220	4,500	4,029
18	37	98 269	25 639,367	335 072,123	13,069	12,598	68	87	33 923	211,897	900,833	4,251	3,781
19	38	98 163	23 769,486	309 432,757	13,018	12,547	69	88	29 443	170,686	688,936	4,036	3,566
20	39	98 052	22 034,820	285 663,270	12,964	12,494	70	89	25 193	135,540	518,251	3,824	3,353
21	40	97 924	20 423,359	263 628,451	12,908	12,438	71	90	21 160	105,657	382,711	3,622	3,152
22	41	97 799	18 930,202	243 205,092	12,847	12,377	72	91	17 559	81,368	277,054	3,405	2,934
23	42	97 663	17 544,157	224 274,890	12,783	12,313	73	92	14 096	60,624	195,686	3,228	2,757
24	43	97 517	16 257,919	206 730,734	12,716	12,245	74	93	11 066	44,168	135,062	3,058	2,587
25	44	97 358	15 063,945	190 472,815	12,644	12,174	75	94	8 460	31,337	90,895	2,901	2,430
26	45	97 190	13 956,374	175 408,870	12,568	12,098	76	95	6 293	21,633	59,557	2,753	2,282
27	46	96 999	12 927,132	161 452,496	12,489	12,019	77	96	4 544	14,500	37,924	2,616	2,145
28	47	96 788	11 971,150	148 525,363	12,407	11,936	78	97	3 179	9,412	23,425	2,489	2,018
29	48	96 560	11 083,963	136 554,213	12,320	11,849	79	98	2 149	5,907	14,013	2,372	1,902
30	49	96 319	10 261,073	125 470,251	12,228	11,757	80	99	1 405	3,583	8,106	2,262	1,792
31	50	96 053	9 496,802	115 209,177	12,131	11,661	81	100	884	2,092	4,523	2,162	1,691
32	51	95 758	8 786,627	105 712,375	12,031	11,560							
33	52	95 448	8 128,258	96 925,748	11,925	11,454							
34	53	95 115	7 517,261	88 797,490	11,812	11,342							
35	54	94 749	6 949,754	81 280,229	11,695	11,225							
36	55	94 365	6 423,773	74 330,475	11,571	11,100							
37	56	93 940	5 934,872	67 906,702	11,442	10,971							
38	57	93 491	5 481,691	61 971,831	11,305	10,835							
39	58	93 005	5 060,969	56 490,140	11,162	10,691							
40	59	92 473	4 670,050	51 429,171	11,013	10,542							
41	60	91 905	4 307,562	46 759,120	10,855	10,384							
42	61	91 267	3 969,973	42 451,558	10,693	10,222							
43	62	90 602	3 657,574	38 481,585	10,521	10,050							
44	63	89 860	3 366,714	34 824,011	10,344	9,873							
45	64	89 071	3 097,119	31 457,298	10,157	9,686							
46	65	88 217	2 846,794	28 360,179	9,962	9,491							
47	66	87 293	2 614,359	25 513,385	9,759	9,288							
48	67	86 307	2 398,932	22 899,026	9,546	9,075							
49	68	85 227	2 198,514	20 500,094	9,325	8,854							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 349 277,184	13,569	13,099	50	70	83 141	1 990,456	17 702,064	8,893	8,423
1	21	99 011	91 889,595	1 249 841,352	13,602	13,131	51	71	81 797	1 817,422	15 711,608	8,645	8,174
2	22	98 954	85 231,586	1 157 951,757	13,586	13,115	52	72	80 318	1 656,207	13 894,186	8,389	7,918
3	23	98 913	79 067,840	1 072 720,171	13,567	13,096	53	73	78 659	1 505,337	12 237,979	8,130	7,659
4	24	98 875	73 353,058	993 652,331	13,546	13,075	54	74	76 852	1 364,969	10 732,642	7,863	7,392
5	25	98 838	68 051,800	920 299,272	13,524	13,053	55	75	74 884	1 234,352	9 367,673	7,589	7,118
6	26	98 805	63 135,742	852 247,473	13,499	13,028	56	76	72 711	1 112,319	8 133,320	7,312	6,841
7	27	98 768	58 572,827	789 111,730	13,472	13,002	57	77	70 340	998,653	7 021,001	7,030	6,560
8	28	98 733	54 340,644	730 538,904	13,444	12,973	58	78	67 759	892,821	6 022,347	6,745	6,275
9	29	98 698	50 414,206	676 198,260	13,413	12,942	59	79	64 926	793,963	5 129,526	6,461	5,990
10	30	98 662	46 771,134	625 784,053	13,380	12,909	60	80	61 888	702,381	4 335,563	6,173	5,702
11	31	98 626	43 391,292	579 012,920	13,344	12,873	61	81	58 576	616,976	3 633,182	5,889	5,418
12	32	98 585	40 253,297	535 621,628	13,306	12,836	62	82	55 051	538,140	3 016,206	5,605	5,134
13	33	98 540	37 341,204	495 368,331	13,266	12,795	63	83	51 282	465,241	2 478,066	5,326	4,856
14	34	98 496	34 639,839	458 027,127	13,223	12,752	64	84	47 321	398,428	2 012,825	5,052	4,581
15	35	98 440	32 129,996	423 387,287	13,177	12,707	65	85	43 190	337,492	1 614,397	4,784	4,313
16	36	98 378	29 800,361	391 257,291	13,129	12,659	66	86	38 891	282,036	1 276,905	4,527	4,057
17	37	98 303	27 635,854	361 456,930	13,079	12,609	67	87	34 546	232,511	994,869	4,279	3,808
18	38	98 218	25 625,862	333 821,076	13,027	12,556	68	88	30 034	187,601	762,359	4,064	3,593
19	39	98 105	23 755,472	308 195,214	12,974	12,503	69	89	25 749	149,271	574,758	3,850	3,380
20	40	97 983	22 019,323	284 439,741	12,918	12,447	70	90	21 672	116,596	425,487	3,649	3,179
21	41	97 854	20 408,801	262 420,418	12,858	12,388	71	91	18 025	89,999	308,891	3,432	2,962
22	42	97 718	18 914,471	242 011,617	12,795	12,324	72	92	14 519	67,279	218,892	3,253	2,783
23	43	97 571	17 527,561	223 097,146	12,728	12,258	73	93	11 432	49,167	151,613	3,084	2,613
24	44	97 414	16 240,758	205 569,585	12,658	12,187	74	94	8 777	35,030	102,446	2,925	2,454
25	45	97 248	15 046,911	189 328,827	12,583	12,112	75	95	6 553	24,274	67,416	2,777	2,307
26	46	97 059	13 937,497	174 281,917	12,505	12,034	76	96	4 754	16,345	43,142	2,639	2,169
27	47	96 849	12 907,083	160 344,419	12,423	11,952	77	97	3 345	10,672	26,797	2,511	2,040
28	48	96 620	11 950,375	147 437,336	12,337	11,867	78	98	2 276	6,739	16,125	2,393	1,922
29	49	96 381	11 063,424	135 486,961	12,246	11,776	79	99	1 495	4,109	9,385	2,284	1,813
30	50	96 117	10 239,607	124 423,536	12,151	11,681	80	100	948	2,419	5,276	2,181	1,711
31	51	95 829	9 474,613	114 183,930	12,052	11,581							
32	52	95 519	8 764,741	104 709,316	11,947	11,476							
33	53	95 184	8 105,736	95 944,575	11,837	11,366							
34	54	94 826	7 494,415	87 838,839	11,721	11,250							
35	55	94 447	6 927,611	80 344,424	11,598	11,127							
36	56	94 026	6 400,663	73 416,813	11,470	11,000							
37	57	93 584	5 912,361	67 016,151	11,335	10,864							
38	58	93 106	5 459,072	61 103,789	11,193	10,722							
39	59	92 581	5 037,893	55 644,718	11,045	10,575							
40	60	92 031	4 647,735	50 606,825	10,888	10,418							
41	61	91 403	4 284,009	45 959,090	10,728	10,257							
42	62	90 748	3 947,402	41 675,080	10,558	10,087							
43	63	90 033	3 634,624	37 727,679	10,380	9,909							
44	64	89 261	3 344,262	34 093,055	10,194	9,724							
45	65	88 430	3 074,832	30 748,793	10,000	9,529							
46	66	87 534	2 824,753	27 673,961	9,797	9,326							
47	67	86 575	2 592,870	24 849,208	9,584	9,113							
48	68	85 529	2 377,295	22 256,338	9,362	8,891							
49	69	84 392	2 176,980	19 879,044	9,131	8,661							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 347 653,110	13,556	13,085	50	71	82 148	1 966,674	17 071,145	8,680	8,210
1	22	98 990	91 869,733	1 248 238,258	13,587	13,116	51	72	80 706	1 793,172	15 104,472	8,423	7,953
2	23	98 932	85 212,000	1 156 368,525	13,570	13,100	52	73	79 075	1 630,577	13 311,300	8,164	7,693
3	24	98 890	79 049,856	1 071 156,525	13,550	13,080	53	74	77 296	1 479,242	11 680,723	7,896	7,426
4	25	98 853	73 336,381	992 106,669	13,528	13,058	54	75	75 367	1 338,593	10 201,481	7,621	7,150
5	26	98 816	68 036,635	918 770,287	13,504	13,033	55	76	73 216	1 206,850	8 862,889	7,344	6,873
6	27	98 779	63 118,875	850 733,653	13,478	13,008	56	77	70 867	1 084,125	7 656,039	7,062	6,591
7	28	98 743	58 557,707	787 614,777	13,450	12,980	57	78	68 303	969,738	6 571,914	6,777	6,306
8	29	98 708	54 326,530	729 057,070	13,420	12,949	58	79	65 505	863,127	5 602,176	6,491	6,020
9	30	98 671	50 400,223	674 730,540	13,387	12,917	59	80	62 488	764,149	4 739,049	6,202	5,731
10	31	98 635	46 758,298	624 330,317	13,352	12,882	60	81	59 204	671,916	3 974,900	5,916	5,445
11	32	98 594	43 377,145	577 572,019	13,315	12,844	61	82	55 677	586,439	3 302,983	5,632	5,162
12	33	98 550	40 239,356	534 194,874	13,275	12,805	62	83	51 921	507,537	2 716,545	5,352	4,882
13	34	98 504	37 327,695	493 955,519	13,233	12,762	63	84	47 951	435,020	2 209,007	5,078	4,607
14	35	98 456	34 625,782	456 627,824	13,188	12,717	64	85	43 820	368,950	1 773,988	4,808	4,338
15	36	98 398	32 116,304	422 002,042	13,140	12,669	65	86	39 506	308,705	1 405,038	4,551	4,081
16	37	98 332	29 786,465	389 885,738	13,089	12,619	66	87	35 132	254,777	1 096,333	4,303	3,832
17	38	98 251	27 621,298	360 099,274	13,037	12,566	67	88	30 585	205,851	841,555	4,088	3,618
18	39	98 160	25 610,754	332 477,976	12,982	12,511	68	89	26 266	164,064	635,704	3,875	3,404
19	40	98 036	23 738,766	306 867,221	12,927	12,456	69	90	22 150	128,408	471,641	3,673	3,202
20	41	97 913	22 003,628	283 128,455	12,867	12,397	70	91	18 460	99,317	343,233	3,456	2,985
21	42	97 773	20 391,842	261 124,827	12,805	12,335	71	92	14 904	74,416	243,917	3,278	2,807
22	43	97 626	18 896,579	240 732,985	12,740	12,269	72	93	11 775	54,565	169,500	3,106	2,636
23	44	97 468	17 509,060	221 836,406	12,670	12,199	73	94	9 067	38,995	114,936	2,947	2,477
24	45	97 304	16 222,392	204 327,347	12,595	12,125	74	95	6 798	27,135	75,940	2,799	2,328
25	46	97 116	15 026,559	188 104,954	12,518	12,048	75	96	4 951	18,340	48,806	2,661	2,190
26	47	96 908	13 915,881	173 078,396	12,437	11,967	76	97	3 499	12,030	30,465	2,532	2,062
27	48	96 681	12 884,684	159 162,514	12,353	11,882	77	98	2 395	7,641	18,435	2,413	1,942
28	49	96 441	11 928,232	146 277,830	12,263	11,792	78	99	1 583	4,689	10,794	2,302	1,831
29	50	96 179	11 040,279	134 349,599	12,169	11,698	79	100	1 010	2,774	6,105	2,201	1,730
30	51	95 893	10 215,682	123 309,320	12,071	11,600							
31	52	95 590	9 451,014	113 093,638	11,966	11,496							
32	53	95 255	8 740,456	103 642,623	11,858	11,387							
33	54	94 894	8 081,101	94 902,168	11,744	11,273							
34	55	94 523	7 470,537	86 821,067	11,622	11,151							
35	56	94 107	6 902,689	79 350,530	11,496	11,025							
36	57	93 669	6 376,386	72 447,842	11,362	10,891							
37	58	93 198	5 887,965	66 071,456	11,221	10,751							
38	59	92 681	5 434,180	60 183,491	11,075	10,604							
39	60	92 139	5 013,820	54 749,310	10,920	10,449							
40	61	91 527	4 622,322	49 735,490	10,760	10,289							
41	62	90 883	4 259,653	45 113,168	10,591	10,120							
42	63	90 179	3 922,633	40 853,516	10,415	9,944							
43	64	89 433	3 610,386	36 930,883	10,229	9,758							
44	65	88 618	3 320,197	33 320,497	10,036	9,565							
45	66	87 745	3 051,026	30 000,300	9,833	9,362							
46	67	86 814	2 801,534	26 949,274	9,619	9,149							
47	68	85 794	2 569,483	24 147,740	9,398	8,927							
48	69	84 691	2 354,009	21 578,257	9,167	8,696							
49	70	83 466	2 153,103	19 224,249	8,929	8,458							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 345 915,978	13,541	13,071	50	72	81 052	1 940,432	16 408,294	8,456	7,985
1	23	98 967	91 848,622	1 246 522,614	13,571	13,101	51	73	79 457	1 765,422	14 467,862	8,195	7,724
2	24	98 909	85 192,618	1 154 673,992	13,554	13,083	52	74	77 704	1 602,310	12 702,439	7,928	7,457
3	25	98 868	79 031,884	1 069 481,374	13,532	13,062	53	75	75 802	1 450,657	11 100,129	7,652	7,181
4	26	98 831	73 320,039	990 449,490	13,509	13,038	54	76	73 688	1 308,767	9 649,473	7,373	6,902
5	27	98 790	68 018,458	917 129,452	13,484	13,013	55	77	71 360	1 176,259	8 340,705	7,091	6,620
6	28	98 753	63 102,582	849 110,993	13,456	12,985	56	78	68 816	1 052,735	7 164,447	6,806	6,335
7	29	98 717	58 542,498	786 008,411	13,426	12,956	57	79	66 031	937,486	6 111,712	6,519	6,049
8	30	98 680	54 311,462	727 465,913	13,394	12,924	58	80	63 046	830,716	5 174,226	6,229	5,758
9	31	98 644	50 386,391	673 154,451	13,360	12,889	59	81	59 778	731,006	4 343,509	5,942	5,471
10	32	98 603	46 743,053	622 768,060	13,323	12,853	60	82	56 274	638,659	3 612,503	5,656	5,186
11	33	98 560	43 362,122	576 025,007	13,284	12,813	61	83	52 511	553,089	2 973,844	5,377	4,906
12	34	98 515	40 224,797	532 662,885	13,242	12,771	62	84	48 548	474,568	2 420,755	5,101	4,630
13	35	98 464	37 312,546	492 438,088	13,198	12,727	63	85	44 403	402,834	1 946,187	4,831	4,361
14	36	98 414	34 611,026	455 125,541	13,150	12,679	64	86	40 082	337,480	1 543,352	4,573	4,102
15	37	98 352	32 101,328	420 514,516	13,100	12,629	65	87	35 688	278,869	1 205,872	4,324	3,853
16	38	98 280	29 770,776	388 413,188	13,047	12,576	66	88	31 104	225,564	927,003	4,110	3,639
17	39	98 193	27 605,013	358 642,412	12,992	12,521	67	89	26 748	180,024	701,439	3,896	3,426
18	40	98 091	25 592,743	331 037,399	12,935	12,464	68	90	22 595	141,133	521,414	3,694	3,224
19	41	97 966	23 721,845	305 444,656	12,876	12,405	69	91	18 868	109,378	380,282	3,477	3,006
20	42	97 832	21 985,344	281 722,810	12,814	12,343	70	92	15 264	82,120	270,904	3,299	2,828
21	43	97 681	20 372,552	259 737,467	12,749	12,279	71	93	12 087	60,353	188,783	3,128	2,657
22	44	97 522	18 876,633	239 364,914	12,680	12,210	72	94	9 339	43,276	128,430	2,968	2,497
23	45	97 357	17 489,260	220 488,282	12,607	12,136	73	95	7 024	30,206	85,154	2,819	2,348
24	46	97 172	16 200,450	202 999,022	12,530	12,060	74	96	5 137	20,502	54,948	2,680	2,210
25	47	96 966	15 003,254	186 798,571	12,451	11,980	75	97	3 644	13,499	34,447	2,552	2,081
26	48	96 740	13 891,731	171 795,317	12,367	11,896	76	98	2 506	8,614	20,948	2,432	1,961
27	49	96 502	12 860,810	157 903,586	12,278	11,807	77	99	1 666	5,316	12,334	2,320	1,849
28	50	96 239	11 903,277	145 042,776	12,185	11,714	78	100	1 069	3,165	7,017	2,217	1,746
29	51	95 954	11 014,484	133 139,500	12,088	11,617							
30	52	95 654	10 190,237	122 125,016	11,985	11,514							
31	53	95 325	9 424,827	111 934,779	11,877	11,406							
32	54	94 965	8 713,892	102 509,952	11,764	11,293							
33	55	94 592	8 055,353	93 796,060	11,644	11,173							
34	56	94 183	7 443,661	85 740,707	11,519	11,048							
35	57	93 750	6 876,507	78 297,046	11,386	10,916							
36	58	93 283	6 350,075	71 420,538	11,247	10,777							
37	59	92 773	5 861,118	65 070,463	11,102	10,631							
38	60	92 238	5 408,214	59 209,345	10,948	10,477							
39	61	91 635	4 986,405	53 801,131	10,790	10,319							
40	62	91 007	4 596,042	48 814,726	10,621	10,150							
41	63	90 313	4 232,924	44 218,684	10,446	9,976							
42	64	89 577	3 896,474	39 985,760	10,262	9,791							
43	65	88 789	3 584,406	36 089,286	10,068	9,598							
44	66	87 932	3 294,491	32 504,880	9,866	9,396							
45	67	87 024	3 025,947	29 210,389	9,653	9,183							
46	68	86 031	2 776,265	26 184,442	9,432	8,961							
47	69	84 954	2 544,315	23 408,177	9,200	8,730							
48	70	83 762	2 328,191	20 863,862	8,961	8,491							
49	71	82 469	2 127,378	18 535,672	8,713	8,242							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 344 057,556	13,526	13,055	50	73	79 797	1 910,404	15 713,761	8,225	7,755
1	24	98 944	91 827,730	1 244 687,031	13,555	13,084	51	74	78 079	1 734,818	13 803,357	7,957	7,486
2	25	98 887	85 173,249	1 152 859,301	13,535	13,065	52	75	76 203	1 571,347	12 068,539	7,680	7,210
3	26	98 846	79 014,272	1 067 686,052	13,513	13,042	53	76	74 113	1 418,334	10 497,192	7,401	6,930
4	27	98 804	73 300,451	988 671,780	13,488	13,017	54	77	71 820	1 275,593	9 078,858	7,117	6,647
5	28	98 765	68 000,900	915 371,329	13,461	12,991	55	78	69 294	1 142,201	7 803,265	6,832	6,361
6	29	98 727	63 086,192	847 370,428	13,432	12,961	56	79	66 527	1 017,723	6 661,064	6,545	6,074
7	30	98 690	58 526,261	784 284,236	13,401	12,930	57	80	63 552	902,283	5 643,341	6,255	5,784
8	31	98 653	54 296,557	725 757,976	13,367	12,896	58	81	60 311	794,686	4 741,058	5,966	5,495
9	32	98 611	50 369,964	671 461,419	13,331	12,860	59	82	56 819	694,824	3 946,372	5,680	5,209
10	33	98 569	46 726,864	621 091,455	13,292	12,821	60	83	53 074	602,340	3 251,548	5,398	4,928
11	34	98 524	43 346,434	574 364,591	13,251	12,780	61	84	49 100	517,161	2 649,208	5,123	4,652
12	35	98 475	40 208,473	531 018,157	13,207	12,736	62	85	44 956	439,457	2 132,047	4,852	4,381
13	36	98 423	37 296,645	490 809,684	13,160	12,689	63	86	40 616	368,474	1 692,590	4,594	4,123
14	37	98 368	34 594,886	453 513,038	13,109	12,639	64	87	36 209	304,863	1 324,116	4,343	3,873
15	38	98 300	32 084,420	418 918,153	13,057	12,586	65	88	31 596	246,894	1 019,253	4,128	3,658
16	39	98 222	29 753,224	386 833,733	13,001	12,531	66	89	27 201	197,265	772,359	3,915	3,445
17	40	98 124	27 585,600	357 080,508	12,944	12,474	67	90	23 009	154,862	575,094	3,714	3,243
18	41	98 021	25 574,501	329 494,909	12,884	12,413	68	91	19 246	120,217	420,232	3,496	3,025
19	42	97 885	23 702,133	303 920,408	12,822	12,352	69	92	15 601	90,440	300,015	3,317	2,847
20	43	97 739	21 964,547	280 218,275	12,758	12,287	70	93	12 379	66,601	209,575	3,147	2,676
21	44	97 577	20 351,048	258 253,728	12,690	12,219	71	94	9 587	47,867	142,974	2,987	2,516
22	45	97 412	18 855,287	237 902,680	12,617	12,147	72	95	7 234	33,522	95,107	2,837	2,366
23	46	97 226	17 465,605	219 047,393	12,542	12,071	73	96	5 307	22,822	61,585	2,698	2,228
24	47	97 021	16 175,325	201 581,789	12,462	11,992	74	97	3 781	15,089	38,763	2,569	2,098
25	48	96 797	14 977,217	185 406,464	12,379	11,909	75	98	2 609	9,666	23,673	2,449	1,979
26	49	96 561	13 865,990	170 429,247	12,291	11,821	76	99	1 743	5,993	14,008	2,337	1,867
27	50	96 300	12 833,904	156 563,257	12,199	11,729	77	100	1 125	3,589	8,015	2,233	1,762
28	51	96 014	11 875,465	143 729,353	12,103	11,632							
29	52	95 715	10 987,049	131 853,887	12,001	11,530							
30	53	95 389	10 162,002	120 866,838	11,894	11,423							
31	54	95 036	9 396,183	110 704,837	11,782	11,311							
32	55	94 663	8 686,128	101 308,654	11,663	11,193							
33	56	94 252	8 026,374	92 622,526	11,540	11,069							
34	57	93 826	7 415,428	84 596,152	11,408	10,937							
35	58	93 363	6 848,133	77 180,724	11,270	10,800							
36	59	92 857	6 321,121	70 332,591	11,127	10,656							
37	60	92 329	5 833,112	64 011,470	10,974	10,503							
38	61	91 734	5 378,642	58 178,358	10,817	10,346							
39	62	91 114	4 958,055	52 799,716	10,649	10,179							
40	63	90 436	4 567,203	47 841,660	10,475	10,004							
41	64	89 710	4 204,696	43 274,458	10,292	9,821							
42	65	88 933	3 868,436	39 069,761	10,100	9,629							
43	66	88 102	3 556,654	35 201,326	9,897	9,427							
44	67	87 210	3 267,411	31 644,672	9,685	9,214							
45	68	86 239	2 998,654	28 377,261	9,463	8,993							
46	69	85 188	2 749,071	25 378,607	9,232	8,761							
47	70	84 022	2 516,409	22 629,535	8,993	8,522							
48	71	82 761	2 300,373	20 113,126	8,743	8,273							
49	72	81 369	2 098,992	17 812,753	8,486	8,016							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 342 069,892	13,509	13,038	50	74	78 414	1 877,286	14 989,269	7,985	7,514
1	25	98 922	91 806,853	1 242 721,970	13,536	13,066	51	75	76 570	1 701,294	13 111,983	7,707	7,236
2	26	98 865	85 154,269	1 150 915,117	13,516	13,045	52	76	74 505	1 536,336	11 410,689	7,427	6,957
3	27	98 819	78 993,163	1 065 760,848	13,492	13,021	53	77	72 234	1 382,383	9 874,353	7,143	6,672
4	28	98 779	73 281,530	986 767,685	13,465	12,995	54	78	69 740	1 238,659	8 491,970	6,856	6,385
5	29	98 739	67 983,238	913 486,156	13,437	12,966	55	79	66 989	1 104,214	7 253,311	6,569	6,098
6	30	98 700	63 068,695	845 502,917	13,406	12,935	56	80	64 029	979,507	6 149,098	6,278	5,807
7	31	98 663	58 510,198	782 434,223	13,373	12,902	57	81	60 795	863,148	5 169,591	5,989	5,519
8	32	98 621	54 278,855	723 924,024	13,337	12,866	58	82	57 326	755,352	4 306,443	5,701	5,231
9	33	98 577	50 352,519	669 645,170	13,299	12,828	59	83	53 588	655,311	3 551,091	5,419	4,948
10	34	98 533	46 709,959	619 292,651	13,258	12,788	60	84	49 626	563,213	2 895,780	5,142	4,671
11	35	98 484	43 328,843	572 582,692	13,215	12,744	61	85	45 467	478,898	2 332,567	4,871	4,400
12	36	98 433	40 191,338	529 253,849	13,168	12,698	62	86	41 121	401,973	1 853,669	4,611	4,141
13	37	98 377	37 279,253	489 062,511	13,119	12,648	63	87	36 690	332,862	1 451,696	4,361	3,891
14	38	98 316	34 576,665	451 783,258	13,066	12,595	64	88	32 057	269,907	1 118,834	4,145	3,675
15	39	98 242	32 065,504	417 206,593	13,011	12,540	65	89	27 632	215,918	848,927	3,932	3,461
16	40	98 153	29 732,300	385 141,089	12,954	12,483	66	90	23 399	169,693	633,009	3,730	3,260
17	41	98 054	27 565,937	355 408,789	12,893	12,422	67	91	19 599	131,912	463,316	3,512	3,042
18	42	97 939	25 553,249	327 842,852	12,830	12,359	68	92	15 914	99,402	331,403	3,334	2,863
19	43	97 792	23 679,712	302 289,603	12,766	12,295	69	93	12 653	73,348	232,001	3,163	2,692
20	44	97 636	21 941,362	278 609,891	12,698	12,227	70	94	9 818	52,822	158,653	3,004	2,533
21	45	97 467	20 328,035	256 668,529	12,626	12,156	71	95	7 426	37,078	105,830	2,854	2,384
22	46	97 280	18 829,784	236 340,495	12,551	12,081	72	96	5 466	25,328	68,752	2,714	2,244
23	47	97 075	17 438,517	217 510,711	12,473	12,002	73	97	3 906	16,797	43,424	2,585	2,115
24	48	96 853	16 147,254	200 072,194	12,390	11,920	74	98	2 707	10,805	26,627	2,464	1,994
25	49	96 618	14 949,465	183 924,940	12,303	11,832	75	99	1 815	6,725	15,822	2,353	1,882
26	50	96 359	13 836,982	168 975,475	12,212	11,741	76	100	1 177	4,046	9,098	2,249	1,778
27	51	96 075	12 803,918	155 138,493	12,116	11,646							
28	52	95 775	11 845,886	142 334,576	12,016	11,545							
29	53	95 450	10 956,606	130 488,690	11,910	11,439							
30	54	95 099	10 131,117	119 532,084	11,799	11,328							
31	55	94 733	9 366,245	109 400,967	11,680	11,210							
32	56	94 322	8 654,879	100 034,721	11,558	11,088							
33	57	93 894	7 995,931	91 379,842	11,428	10,958							
34	58	93 439	7 384,830	83 383,911	11,291	10,821							
35	59	92 938	6 816,908	75 999,081	11,149	10,678							
36	60	92 414	6 290,916	69 182,173	10,997	10,526							
37	61	91 824	5 801,217	62 891,257	10,841	10,370							
38	62	91 212	5 348,062	57 090,040	10,675	10,204							
39	63	90 542	4 926,944	51 741,977	10,502	10,031							
40	64	89 833	4 536,746	46 815,033	10,319	9,848							
41	65	89 065	4 174,440	42 278,287	10,128	9,657							
42	66	88 244	3 838,485	38 103,847	9,927	9,456							
43	67	87 378	3 527,419	34 265,363	9,714	9,243							
44	68	86 423	3 237,940	30 737,943	9,493	9,022							
45	69	85 394	2 969,282	27 500,003	9,262	8,791							
46	70	84 254	2 718,920	24 530,721	9,022	8,552							
47	71	83 018	2 486,343	21 811,801	8,773	8,302							
48	72	81 657	2 269,679	19 325,458	8,515	8,044							
49	73	80 110	2 066,510	17 055,779	8,253	7,783							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 339 942,715	13,490	13,020	50	75	76 899	1 841,009	14 235,941	7,733	7,262
1	26	98 900	91 786,395	1 240 617,380	13,516	13,046	51	76	74 864	1 663,388	12 394,931	7,452	6,981
2	27	98 838	85 131,519	1 148 830,985	13,495	13,024	52	77	72 616	1 497,393	10 731,544	7,167	6,696
3	28	98 794	78 972,772	1 063 699,466	13,469	12,999	53	78	70 143	1 342,357	9 234,151	6,879	6,408
4	29	98 753	73 262,496	984 726,694	13,441	12,970	54	79	67 421	1 197,464	7 891,794	6,590	6,120
5	30	98 712	67 964,382	911 464,198	13,411	12,940	55	80	64 474	1 062,750	6 694,330	6,299	5,828
6	31	98 673	63 051,386	843 499,816	13,378	12,907	56	81	61 252	937,022	5 631,580	6,010	5,539
7	32	98 630	58 491,123	780 448,430	13,343	12,872	57	82	57 786	820,426	4 694,558	5,722	5,251
8	33	98 587	54 260,056	721 957,307	13,306	12,835	58	83	54 066	712,397	3 874,132	5,438	4,968
9	34	98 542	50 334,302	667 697,251	13,265	12,795	59	84	50 107	612,742	3 161,735	5,160	4,689
10	35	98 493	46 691,003	617 362,950	13,222	12,752	60	85	45 954	521,543	2 548,993	4,887	4,417
11	36	98 442	43 310,378	570 671,947	13,176	12,706	61	86	41 589	438,051	2 027,450	4,628	4,158
12	37	98 387	40 172,596	527 361,569	13,127	12,657	62	87	37 147	363,123	1 589,399	4,377	3,906
13	38	98 325	37 259,618	487 188,973	13,076	12,605	63	88	32 483	294,695	1 226,276	4,161	3,691
14	39	98 258	34 556,279	449 929,354	13,020	12,550	64	89	28 035	236,044	931,581	3,947	3,476
15	40	98 173	32 042,954	415 373,075	12,963	12,492	65	90	23 770	185,739	695,537	3,745	3,274
16	41	98 083	29 711,107	383 330,121	12,902	12,431	66	91	19 932	144,545	509,797	3,527	3,056
17	42	97 973	27 543,030	353 619,014	12,839	12,368	67	92	16 206	109,072	365,252	3,349	2,878
18	43	97 847	25 529,077	326 075,984	12,773	12,302	68	93	12 906	80,617	256,180	3,178	2,707
19	44	97 689	23 654,717	300 546,907	12,706	12,235	69	94	10 035	58,174	175,563	3,018	2,547
20	45	97 525	21 916,550	276 892,190	12,634	12,163	70	95	7 605	40,917	117,389	2,869	2,398
21	46	97 335	20 300,540	254 975,640	12,560	12,089	71	96	5 611	28,014	76,472	2,730	2,259
22	47	97 130	18 800,580	234 675,100	12,482	12,012	72	97	4 023	18,641	48,458	2,599	2,129
23	48	96 906	17 408,254	215 874,520	12,401	11,930	73	98	2 797	12,028	29,816	2,479	2,008
24	49	96 674	16 117,334	198 466,266	12,314	11,843	74	99	1 883	7,517	17,789	2,366	1,896
25	50	96 416	14 918,189	182 348,933	12,223	11,753	75	100	1 226	4,540	10,272	2,263	1,792
26	51	96 133	13 804,652	167 430,743	12,129	11,658							
27	52	95 835	12 772,026	153 626,091	12,028	11,558							
28	53	95 509	11 813,063	140 854,065	11,924	11,453							
29	54	95 160	10 923,306	129 041,002	11,813	11,343							
30	55	94 796	10 098,838	118 117,695	11,696	11,226							
31	56	94 392	9 332,550	108 018,857	11,574	11,104							
32	57	93 964	8 622,052	98 686,307	11,446	10,975							
33	58	93 507	7 962,937	90 064,255	11,310	10,840							
34	59	93 013	7 351,158	82 101,318	11,168	10,698							
35	60	92 494	6 784,334	74 750,160	11,018	10,547							
36	61	91 908	6 256,518	67 965,825	10,863	10,393							
37	62	91 302	5 768,234	61 709,307	10,698	10,227							
38	63	90 640	5 314,504	55 941,073	10,526	10,055							
39	64	89 939	4 894,088	50 626,568	10,344	9,874							
40	65	89 187	4 504,100	45 732,480	10,154	9,683							
41	66	88 375	4 142,120	41 228,380	9,953	9,483							
42	67	87 519	3 806,933	37 086,260	9,742	9,271							
43	68	86 589	3 495,603	33 279,327	9,520	9,050							
44	69	85 576	3 206,224	29 783,724	9,289	8,819							
45	70	84 458	2 936,716	26 577,499	9,050	8,579							
46	71	83 247	2 686,434	23 640,784	8,800	8,329							
47	72	81 910	2 453,168	20 954,350	8,542	8,071							
48	73	80 393	2 234,556	18 501,182	8,280	7,809							
49	74	78 721	2 030,686	16 266,627	8,010	7,540							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	2 231,223	24 994,460	11,202	10,731
1	0	99 594	92 430,449	1 267 101,899	13,709	13,238	51	50	92 606	2 057,581	22 763,237	11,063	10,592
2	1	99 240	85 477,414	1 174 671,450	13,742	13,272	52	51	91 946	1 895,980	20 705,655	10,921	10,450
3	2	99 192	79 291,565	1 089 194,036	13,737	13,266	53	52	91 234	1 745,996	18 809,675	10,773	10,302
4	3	99 162	73 565,487	1 009 902,470	13,728	13,257	54	53	90 460	1 606,653	17 063,680	10,621	10,150
5	4	99 133	68 254,608	936 336,984	13,718	13,248	55	54	89 607	1 477,035	15 457,027	10,465	9,994
6	5	99 110	63 330,423	868 082,376	13,707	13,237	56	55	88 705	1 357,004	13 979,992	10,302	9,831
7	6	99 090	58 763,822	804 751,953	13,695	13,224	57	56	87 728	1 245,522	12 622,988	10,135	9,664
8	7	99 073	54 527,543	745 988,131	13,681	13,210	58	57	86 699	1 142,381	11 377,465	9,959	9,489
9	8	99 055	50 596,516	691 460,588	13,666	13,196	59	58	85 578	1 046,504	10 235,084	9,780	9,310
10	9	99 040	46 950,376	640 864,072	13,650	13,179	60	59	84 370	957,526	9 188,580	9,596	9,126
11	10	99 025	43 566,773	593 913,696	13,632	13,162	61	60	83 076	875,031	8 231,054	9,407	8,936
12	11	99 008	40 426,011	550 346,923	13,614	13,143	62	61	81 693	798,574	7 356,023	9,211	8,741
13	12	98 989	37 511,437	509 920,912	13,594	13,123	63	62	80 230	727,862	6 557,449	9,009	8,539
14	13	98 973	34 807,683	472 409,474	13,572	13,101	64	63	78 680	662,456	5 829,586	8,800	8,329
15	14	98 947	32 295,609	437 601,791	13,550	13,079	65	64	77 032	601,930	5 167,131	8,584	8,114
16	15	98 915	29 963,027	405 306,182	13,527	13,056	66	65	75 285	545,972	4 565,200	8,362	7,891
17	16	98 872	27 795,899	375 343,156	13,504	13,033	67	66	73 457	494,398	4 019,229	8,130	7,659
18	17	98 823	25 783,704	347 547,257	13,479	13,009	68	67	71 540	446,863	3 524,831	7,888	7,417
19	18	98 750	23 911,695	321 763,553	13,456	12,986	69	68	69 501	402,904	3 077,968	7,639	7,169
20	19	98 675	22 174,882	297 851,857	13,432	12,961	70	69	67 333	362,258	2 675,064	7,384	6,914
21	20	98 595	20 563,220	275 676,975	13,406	12,936	71	70	65 024	324,672	2 312,806	7,124	6,653
22	21	98 518	19 069,408	255 113,755	13,378	12,908	72	71	62 587	290,028	1 988,134	6,855	6,384
23	22	98 442	17 684,046	236 044,347	13,348	12,877	73	72	59 955	257,850	1 698,106	6,586	6,115
24	23	98 365	16 399,299	218 360,301	13,315	12,845	74	73	57 135	228,048	1 440,256	6,316	5,845
25	24	98 286	15 207,539	201 961,002	13,280	12,810	75	74	54 118	200,469	1 212,208	6,047	5,576
26	25	98 205	14 102,154	186 753,463	13,243	12,772	76	75	50 964	175,208	1 011,739	5,774	5,304
27	26	98 123	13 076,938	172 651,309	13,203	12,732	77	76	47 628	151,962	836,531	5,505	5,034
28	27	98 035	12 125,448	159 574,371	13,160	12,690	78	77	44 114	130,626	684,569	5,241	4,770
29	28	97 949	11 243,439	147 448,924	13,114	12,644	79	78	40 454	111,171	553,943	4,983	4,512
30	29	97 861	10 425,324	136 205,485	13,065	12,594	80	79	36 739	93,701	442,771	4,725	4,255
31	30	97 768	9 666,366	125 780,160	13,012	12,541	81	80	32 958	78,013	349,071	4,475	4,004
32	31	97 669	8 961,995	116 113,795	12,956	12,486	82	81	29 168	64,076	271,058	4,230	3,760
33	32	97 564	8 308,478	107 151,799	12,897	12,426	83	82	25 442	51,870	206,982	3,990	3,520
34	33	97 460	7 702,616	98 843,321	12,832	12,362	84	83	21 828	41,302	155,113	3,756	3,285
35	34	97 346	7 140,239	91 140,705	12,764	12,294	85	84	18 364	32,247	113,811	3,529	3,059
36	35	97 222	6 618,250	84 000,466	12,692	12,222	86	85	15 087	24,587	81,564	3,317	2,847
37	36	97 092	6 134,009	77 382,216	12,615	12,145	87	86	12 066	18,250	56,977	3,122	2,651
38	37	96 951	5 684,541	71 248,207	12,534	12,063	88	87	9 354	13,130	38,726	2,950	2,479
39	38	96 796	5 267,221	65 563,666	12,447	11,977	89	88	7 032	9,161	25,597	2,794	2,323
40	39	96 625	4 879,755	60 296,445	12,356	11,886	90	89	5 139	6,213	16,436	2,645	2,175
41	40	96 425	4 519,420	55 416,691	12,262	11,791	91	90	3 670	4,118	10,222	2,482	2,012
42	41	96 213	4 185,142	50 897,271	12,161	11,691	92	91	2 519	2,623	6,104	2,327	1,856
43	42	95 978	3 874,636	46 712,129	12,056	11,585	93	92	1 630	1,576	3,481	2,209	1,738
44	43	95 703	3 585,640	42 837,493	11,947	11,476	94	93	1 013	0,908	1,905	2,097	1,627
45	44	95 399	3 317,153	39 251,854	11,833	11,362	95	94	600	0,499	0,997	1,996	1,525
46	45	95 061	3 067,670	35 934,701	11,714	11,243	96	95	338	0,261	0,497	1,903	1,432
47	46	94 671	2 835,344	32 867,030	11,592	11,121	97	96	181	0,130	0,236	1,819	1,348
48	47	94 232	2 619,201	30 031,687	11,466	10,995	98	97	92	0,061	0,106	1,742	1,271
49	48	93 736	2 418,025	27 412,486	11,337	10,866	99	98	44	0,027	0,045	1,672	1,201
							100	99	20	0,011	0,018	1,608	1,137

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	2 235,365	25 139,388	11,246	10,776
1							51	49	92 800	2 061,895	22 904,022	11,108	10,638
2	0	99 558	85 751,786	1 175 287,950	13,706	13,235	52	50	92 161	1 900,420	20 842,127	10,967	10,496
3	1	99 221	79 314,117	1 089 536,163	13,737	13,266	53	51	91 462	1 750,355	18 941,707	10,822	10,351
4	2	99 178	73 577,349	1 010 222,046	13,730	13,259	54	52	90 711	1 611,117	17 191,352	10,670	10,200
5	3	99 147	68 264,396	936 644,698	13,721	13,250	55	53	89 880	1 481,538	15 580,235	10,516	10,046
6	4	99 122	63 338,014	868 380,302	13,710	13,240	56	54	88 989	1 361,342	14 098,697	10,356	9,886
7	5	99 099	58 769,138	805 042,288	13,698	13,228	57	55	88 044	1 250,019	12 737,355	10,190	9,719
8	6	99 081	54 531,916	746 273,149	13,685	13,214	58	56	87 029	1 146,731	11 487,336	10,017	9,547
9	7	99 063	50 600,743	691 741,234	13,671	13,200	59	57	85 932	1 050,840	10 340,605	9,840	9,370
10	8	99 046	46 953,292	641 140,491	13,655	13,184	60	58	84 756	961,912	9 289,766	9,658	9,187
11	9	99 031	43 569,539	594 187,198	13,638	13,167	61	59	83 475	879,233	8 327,854	9,472	9,001
12	10	99 016	40 429,268	550 617,660	13,619	13,149	62	60	82 142	802,964	7 448,621	9,276	8,806
13	11	98 997	37 514,417	510 188,391	13,600	13,129	63	61	80 689	732,024	6 645,656	9,078	8,608
14	12	98 981	34 810,351	472 673,974	13,579	13,108	64	62	79 176	666,639	5 913,632	8,871	8,400
15	13	98 957	32 298,786	437 863,623	13,557	13,086	65	63	77 549	605,971	5 246,993	8,659	8,188
16	14	98 927	29 966,736	405 564,837	13,534	13,063	66	64	75 831	549,929	4 641,022	8,439	7,969
17	15	98 886	27 799,668	375 598,101	13,511	13,040	67	65	74 030	498,256	4 091,093	8,211	7,740
18	16	98 839	25 787,850	347 798,433	13,487	13,016	68	66	72 133	450,566	3 592,837	7,974	7,503
19	17	98 768	23 915,894	322 010,583	13,464	12,994	69	67	70 134	406,571	3 142,271	7,729	7,258
20	18	98 697	22 179,727	298 094,690	13,440	12,969	70	68	67 999	365,842	2 735,700	7,478	7,007
21	19	98 616	20 567,643	275 914,962	13,415	12,944	71	69	65 745	328,272	2 369,858	7,219	6,749
22	20	98 539	19 073,433	255 347,319	13,388	12,917	72	70	63 344	293,535	2 041,586	6,955	6,485
23	21	98 463	17 687,869	236 273,887	13,358	12,887	73	71	60 766	261,337	1 748,051	6,689	6,218
24	22	98 387	16 403,068	218 586,018	13,326	12,855	74	72	58 033	231,632	1 486,714	6,418	5,948
25	23	98 308	15 210,999	202 182,949	13,292	12,821	75	73	55 073	204,006	1 255,082	6,152	5,682
26	24	98 228	14 105,361	186 971,951	13,255	12,785	76	74	51 969	178,661	1 051,076	5,883	5,412
27	25	98 145	13 079,853	172 866,590	13,216	12,746	77	75	48 714	155,425	872,415	5,613	5,142
28	26	98 061	12 128,688	159 786,737	13,174	12,704	78	76	45 261	134,023	716,990	5,350	4,879
29	27	97 974	11 246,342	147 658,050	13,129	12,659	79	77	41 660	114,486	582,967	5,092	4,621
30	28	97 886	10 428,033	136 411,708	13,081	12,611	80	78	38 003	96,924	468,481	4,833	4,363
31	29	97 796	9 669,048	125 983,675	13,030	12,559	81	79	34 244	81,056	371,557	4,584	4,113
32	30	97 696	8 964,456	116 314,627	12,975	12,504	82	80	30 491	66,981	290,500	4,337	3,866
33	31	97 596	8 311,188	107 350,171	12,916	12,446	83	81	26 767	54,571	223,519	4,096	3,625
34	32	97 494	7 705,284	99 038,984	12,853	12,383	84	82	23 144	43,792	168,949	3,858	3,387
35	33	97 381	7 142,824	91 333,699	12,787	12,316	85	83	19 639	34,487	125,156	3,629	3,158
36	34	97 262	6 620,937	84 190,876	12,716	12,245	86	84	16 292	26,552	90,669	3,415	2,944
37	35	97 133	6 136,624	77 569,939	12,640	12,170	87	85	13 191	19,952	64,117	3,214	2,743
38	36	96 996	5 687,193	71 433,315	12,560	12,090	88	86	10 354	14,535	44,165	3,039	2,568
39	37	96 847	5 269,996	65 746,122	12,476	12,005	89	87	7 943	10,347	29,631	2,864	2,393
40	38	96 682	4 882,633	60 476,125	12,386	11,915	90	88	5 876	7,105	19,283	2,714	2,243
41	39	96 493	4 522,600	55 593,492	12,292	11,822	91	89	4 266	4,787	12,179	2,544	2,073
42	40	96 282	4 188,127	51 070,891	12,194	11,724	92	90	2 957	3,080	7,391	2,400	1,929
43	41	96 058	3 877,859	46 882,765	12,090	11,619	93	91	1 972	1,906	4,312	2,263	1,792
44	42	95 794	3 589,035	43 004,906	11,982	11,512	94	92	1 249	1,120	2,406	2,148	1,678
45	43	95 500	3 320,658	39 415,872	11,870	11,399	95	93	756	0,630	1,286	2,042	1,572
46	44	95 169	3 071,143	36 095,214	11,753	11,282	96	94	437	0,337	0,656	1,946	1,475
47	45	94 799	2 839,184	33 024,070	11,632	11,161	97	95	240	0,172	0,319	1,857	1,387
48	46	94 378	2 623,270	30 184,887	11,507	11,036	98	96	125	0,083	0,147	1,777	1,306
49	47	93 899	2 422,229	27 561,617	11,379	10,908	99	97	61	0,038	0,064	1,704	1,233
							100	98	28	0,016	0,027	1,637	1,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	2 239,252	25 272,945	11,286	10,816
1							51	48	92 972	2 065,723	23 033,694	11,150	10,680
2							52	49	92 354	1 904,404	20 967,971	11,010	10,540
3	0	99 539	79 568,706	1 090 103,300	13,700	13,229	53	50	91 676	1 754,455	19 063,566	10,866	10,395
4	1	99 206	73 598,275	1 010 534,594	13,730	13,260	54	51	90 938	1 615,140	17 309,112	10,717	10,246
5	2	99 163	68 275,403	936 936,319	13,723	13,252	55	52	90 130	1 485,654	15 693,972	10,564	10,093
6	3	99 136	63 347,097	868 660,916	13,713	13,242	56	53	89 260	1 365,492	14 208,318	10,405	9,935
7	4	99 111	58 776,183	805 313,819	13,701	13,231	57	54	88 326	1 254,015	12 842,826	10,241	9,771
8	5	99 090	54 536,849	746 537,637	13,689	13,218	58	55	87 343	1 150,871	11 588,811	10,070	9,599
9	6	99 071	50 604,801	692 000,788	13,675	13,204	59	56	86 259	1 054,841	10 437,940	9,895	9,425
10	7	99 055	46 957,215	641 395,987	13,659	13,188	60	57	85 107	965,898	9 383,099	9,714	9,244
11	8	99 038	43 572,245	594 438,772	13,643	13,172	61	58	83 858	883,260	8 417,202	9,530	9,059
12	9	99 022	40 431,835	550 866,527	13,625	13,154	62	59	82 537	806,820	7 533,942	9,338	8,867
13	10	99 005	37 517,439	510 434,691	13,605	13,135	63	60	81 133	736,049	6 727,122	9,140	8,669
14	11	98 989	34 813,116	472 917,252	13,584	13,114	64	61	79 629	670,450	5 991,073	8,936	8,465
15	12	98 964	32 301,262	438 104,136	13,563	13,092	65	62	78 039	609,798	5 320,623	8,725	8,255
16	13	98 937	29 969,685	405 802,874	13,540	13,070	66	63	76 340	553,621	4 710,825	8,509	8,038
17	14	98 898	27 803,109	375 833,189	13,518	13,047	67	64	74 567	501,867	4 157,204	8,283	7,813
18	15	98 852	25 791,346	348 030,080	13,494	13,023	68	65	72 696	454,082	3 655,337	8,050	7,579
19	16	98 784	23 919,739	322 238,734	13,472	13,001	69	66	70 715	409,941	3 201,255	7,809	7,338
20	17	98 714	22 183,621	298 318,995	13,448	12,977	70	67	68 618	369,172	2 791,314	7,561	7,090
21	18	98 638	20 572,137	276 135,374	13,423	12,952	71	68	66 395	331,519	2 422,143	7,306	6,836
22	19	98 560	19 077,535	255 563,237	13,396	12,925	72	69	64 046	296,790	2 090,624	7,044	6,573
23	20	98 484	17 691,602	236 485,702	13,367	12,896	73	70	61 501	264,497	1 793,833	6,782	6,311
24	21	98 409	16 406,615	218 794,100	13,336	12,865	74	71	58 818	234,765	1 529,336	6,514	6,044
25	22	98 331	15 214,495	202 387,485	13,302	12,832	75	72	55 939	207,213	1 294,571	6,248	5,777
26	23	98 250	14 108,570	187 172,990	13,267	12,796	76	73	52 886	181,812	1 087,359	5,981	5,510
27	24	98 168	13 082,827	173 064,421	13,228	12,758	77	74	49 674	158,488	905,546	5,714	5,243
28	25	98 083	12 131,391	159 981,593	13,187	12,717	78	75	46 293	137,077	747,058	5,450	4,979
29	26	98 001	11 249,347	147 850,202	13,143	12,672	79	76	42 743	117,463	609,981	5,193	4,722
30	27	97 911	10 430,725	136 600,855	13,096	12,625	80	77	39 136	99,814	492,518	4,934	4,464
31	28	97 821	9 671,560	126 170,130	13,045	12,575	81	78	35 422	83,845	392,703	4,684	4,213
32	29	97 723	8 966,943	116 498,570	12,992	12,521	82	79	31 680	69,594	308,858	4,438	3,967
33	30	97 623	8 313,469	107 531,627	12,935	12,464	83	80	27 980	57,045	239,264	4,194	3,724
34	31	97 525	7 707,797	99 218,158	12,872	12,402	84	81	24 350	46,072	182,219	3,955	3,484
35	32	97 415	7 145,298	91 510,361	12,807	12,336	85	82	20 824	36,567	136,147	3,723	3,253
36	33	97 297	6 623,333	84 365,062	12,738	12,267	86	83	17 424	28,396	99,580	3,507	3,036
37	34	97 173	6 139,116	77 741,729	12,663	12,193	87	84	14 245	21,546	71,184	3,304	2,833
38	35	97 038	5 689,618	71 602,614	12,585	12,114	88	85	11 320	15,890	49,637	3,124	2,653
39	36	96 892	5 272,455	65 912,996	12,501	12,031	89	86	8 792	11,454	33,748	2,946	2,476
40	37	96 733	4 885,207	60 640,541	12,413	11,942	90	87	6 637	8,025	22,293	2,778	2,307
41	38	96 550	4 525,268	55 755,334	12,321	11,850	91	88	4 878	5,474	14,268	2,607	2,136
42	39	96 350	4 191,074	51 230,066	12,224	11,753	92	89	3 438	3,580	8,794	2,456	1,986
43	40	96 127	3 880,625	47 038,992	12,122	11,651	93	90	2 315	2,237	5,214	2,331	1,860
44	41	95 874	3 592,019	43 158,367	12,015	11,544	94	91	1 510	1,354	2,977	2,198	1,727
45	42	95 590	3 323,802	39 566,348	11,904	11,433	95	92	933	0,776	1,622	2,089	1,619
46	43	95 269	3 074,388	36 242,546	11,789	11,318	96	93	551	0,425	0,846	1,989	1,518
47	44	94 907	2 842,398	33 168,157	11,669	11,198	97	94	309	0,222	0,421	1,897	1,426
48	45	94 506	2 626,823	30 325,759	11,545	11,074	98	95	165	0,110	0,199	1,813	1,342
49	46	94 045	2 425,991	27 698,937	11,418	10,947	99	96	83	0,051	0,089	1,737	1,266
							100	97	40	0,023	0,038	1,667	1,197

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	2 242,730	25 395,856	11,324	10,853
1							51	47	93 134	2 069,314	23 153,126	11,189	10,718
2							52	48	92 526	1 907,940	21 083,812	11,051	10,580
3							53	49	91 869	1 758,133	19 175,873	10,907	10,436
4	0	99 524	73 834,517	1 011 056,260	13,694	13,223	54	50	91 150	1 618,922	17 417,740	10,759	10,288
5	1	99 191	68 294,821	937 221,743	13,723	13,253	55	51	90 355	1 489,364	15 798,818	10,608	10,137
6	2	99 152	63 357,311	868 926,922	13,715	13,244	56	52	89 508	1 369,286	14 309,454	10,450	9,980
7	3	99 125	58 784,611	805 569,611	13,704	13,233	57	53	88 595	1 257,838	12 940,168	10,288	9,817
8	4	99 102	54 543,386	746 784,999	13,692	13,221	58	54	87 622	1 154,550	11 682,330	10,119	9,648
9	5	99 080	50 609,379	692 241,614	13,678	13,207	59	55	86 571	1 058,649	10 527,781	9,945	9,474
10	6	99 063	46 960,981	641 632,235	13,663	13,192	60	56	85 432	969,575	9 469,131	9,766	9,296
11	7	99 046	43 575,886	594 671,254	13,647	13,176	61	57	84 205	886,920	8 499,556	9,583	9,113
12	8	99 028	40 434,347	551 095,369	13,629	13,159	62	58	82 915	810,515	7 612,637	9,392	8,922
13	9	99 011	37 519,821	510 661,022	13,610	13,140	63	59	81 522	739,583	6 802,121	9,197	8,727
14	10	98 996	34 815,921	473 141,201	13,590	13,119	64	60	80 067	674,136	6 062,538	8,993	8,522
15	11	98 972	32 303,828	438 325,280	13,569	13,098	65	61	78 485	613,285	5 388,402	8,786	8,315
16	12	98 945	29 971,982	406 021,452	13,547	13,076	66	62	76 822	557,117	4 775,117	8,571	8,100
17	13	98 908	27 805,845	376 049,470	13,524	13,053	67	63	75 068	505,236	4 218,000	8,349	7,878
18	14	98 864	25 794,539	348 243,626	13,501	13,030	68	64	73 223	457,373	3 712,764	8,118	7,647
19	15	98 797	23 922,982	322 449,086	13,479	13,008	69	65	71 267	413,140	3 255,391	7,880	7,409
20	16	98 730	22 187,188	298 526,104	13,455	12,984	70	66	69 187	372,231	2 842,252	7,636	7,165
21	17	98 655	20 575,748	276 338,916	13,430	12,960	71	67	66 999	334,537	2 470,020	7,383	6,913
22	18	98 582	19 081,703	255 763,168	13,404	12,933	72	68	64 680	299,726	2 135,484	7,125	6,654
23	19	98 505	17 695,407	236 681,464	13,375	12,905	73	69	62 183	267,430	1 835,758	6,864	6,394
24	20	98 430	16 410,077	218 986,057	13,345	12,874	74	70	59 529	237,604	1 568,327	6,601	6,130
25	21	98 352	15 217,784	202 575,980	13,312	12,841	75	71	56 695	210,015	1 330,724	6,336	5,866
26	22	98 273	14 111,812	187 358,196	13,277	12,806	76	72	53 717	184,670	1 120,709	6,069	5,598
27	23	98 190	13 085,803	173 246,383	13,239	12,769	77	73	50 550	161,284	936,038	5,804	5,333
28	24	98 105	12 134,150	160 160,580	13,199	12,728	78	74	47 205	139,778	774,755	5,543	5,072
29	25	98 022	11 251,855	148 026,430	13,156	12,685	79	75	43 717	120,140	634,976	5,285	4,815
30	26	97 937	10 433,513	136 774,575	13,109	12,638	80	76	40 154	102,410	514,836	5,027	4,557
31	27	97 846	9 674,057	126 341,062	13,060	12,589	81	77	36 478	86,345	412,426	4,776	4,306
32	28	97 749	8 969,272	116 667,005	13,007	12,537	82	78	32 770	71,989	326,081	4,530	4,059
33	29	97 650	8 315,776	107 697,733	12,951	12,480	83	79	29 072	59,270	254,092	4,287	3,816
34	30	97 552	7 709,913	99 381,957	12,890	12,419	84	80	25 454	48,161	194,822	4,045	3,575
35	31	97 447	7 147,629	91 672,044	12,826	12,355	85	81	21 908	38,471	146,660	3,812	3,342
36	32	97 331	6 625,628	84 524,415	12,757	12,287	86	82	18 475	30,109	108,190	3,593	3,123
37	33	97 208	6 141,337	77 898,788	12,684	12,214	87	83	15 235	23,043	78,081	3,388	2,918
38	34	97 077	5 691,928	71 757,450	12,607	12,136	88	84	12 224	17,159	55,038	3,207	2,737
39	35	96 933	5 274,703	66 065,522	12,525	12,054	89	85	9 612	12,522	37,878	3,025	2,554
40	36	96 778	4 887,486	60 790,820	12,438	11,967	90	86	7 348	8,884	25,356	2,854	2,384
41	37	96 601	4 527,653	55 903,334	12,347	11,876	91	87	5 510	6,183	16,472	2,664	2,194
42	38	96 407	4 193,547	51 375,681	12,251	11,780	92	88	3 931	4,094	10,290	2,514	2,043
43	39	96 194	3 883,356	47 182,134	12,150	11,679	93	89	2 691	2,601	6,196	2,382	1,912
44	40	95 942	3 594,582	43 298,779	12,046	11,575	94	90	1 773	1,590	3,595	2,261	1,790
45	41	95 670	3 326,566	39 704,197	11,935	11,465	95	91	1 128	0,939	2,005	2,135	1,664
46	42	95 360	3 077,299	36 377,631	11,821	11,351	96	92	679	0,525	1,066	2,032	1,562
47	43	95 007	2 845,402	33 300,331	11,703	11,233	97	93	390	0,280	0,541	1,937	1,466
48	44	94 613	2 629,796	30 454,930	11,581	11,110	98	94	213	0,142	0,262	1,850	1,379
49	45	94 172	2 429,277	27 825,133	11,454	10,983	99	95	110	0,068	0,120	1,770	1,300
							100	96	54	0,031	0,052	1,698	1,227



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	2 245,767	25 508,754	11,359	10,888
1							51	46	93 279	2 072,528	23 262,987	11,224	10,754
2							52	47	92 687	1 911,257	21 190,459	11,087	10,617
3							53	48	92 039	1 761,397	19 279,202	10,945	10,475
4							54	49	91 342	1 622,316	17 517,806	10,798	10,327
5	0	99 510	68 514,040	937 701,535	13,686	13,216	55	50	90 566	1 492,852	15 895,489	10,648	10,177
6	1	99 180	63 375,331	869 187,495	13,715	13,244	56	51	89 731	1 372,705	14 402,637	10,492	10,021
7	2	99 141	58 794,090	805 812,164	13,706	13,235	57	52	88 841	1 261,333	13 029,933	10,330	9,860
8	3	99 116	54 551,208	747 018,074	13,694	13,223	58	53	87 889	1 158,069	11 768,600	10,162	9,692
9	4	99 092	50 615,445	692 466,866	13,681	13,210	59	54	86 848	1 062,033	10 610,531	9,991	9,520
10	5	99 072	46 965,229	641 851,421	13,667	13,196	60	55	85 740	973,076	9 548,498	9,813	9,342
11	6	99 054	43 579,380	594 886,192	13,651	13,180	61	56	84 526	890,297	8 575,422	9,632	9,161
12	7	99 036	40 437,725	551 306,813	13,633	13,163	62	57	83 258	813,874	7 685,125	9,443	8,972
13	8	99 018	37 522,152	510 869,088	13,615	13,144	63	58	81 896	742,971	6 871,252	9,248	8,778
14	9	99 003	34 818,131	473 346,936	13,595	13,124	64	59	80 451	677,373	6 128,281	9,047	8,576
15	10	98 980	32 306,431	438 528,805	13,574	13,103	65	60	78 916	616,656	5 450,908	8,839	8,369
16	11	98 952	29 974,363	406 222,374	13,552	13,082	66	61	77 261	560,302	4 834,252	8,628	8,157
17	12	98 915	27 807,976	376 248,012	13,530	13,060	67	62	75 542	508,426	4 273,949	8,406	7,936
18	13	98 874	25 797,077	348 440,036	13,507	13,036	68	63	73 714	460,443	3 765,523	8,178	7,707
19	14	98 809	23 925,944	322 642,958	13,485	13,014	69	64	71 784	416,134	3 305,079	7,942	7,472
20	15	98 743	22 190,196	298 717,015	13,462	12,991	70	65	69 727	375,136	2 888,945	7,701	7,230
21	16	98 671	20 579,057	276 526,818	13,437	12,967	71	66	67 555	337,309	2 513,810	7,453	6,982
22	17	98 599	19 085,054	255 947,762	13,411	12,940	72	67	65 268	302,454	2 176,500	7,196	6,725
23	18	98 526	17 699,273	236 862,708	13,383	12,912	73	68	62 798	270,076	1 874,046	6,939	6,468
24	19	98 451	16 413,607	219 163,434	13,353	12,882	74	69	60 190	240,239	1 603,970	6,677	6,206
25	20	98 373	15 220,996	202 749,828	13,320	12,850	75	70	57 381	212,554	1 363,732	6,416	5,945
26	21	98 294	14 114,863	187 528,832	13,286	12,815	76	71	54 443	187,168	1 151,177	6,151	5,680
27	22	98 212	13 088,811	173 413,969	13,249	12,778	77	72	51 345	163,819	964,010	5,885	5,414
28	23	98 128	12 136,911	160 325,157	13,210	12,739	78	73	48 038	142,244	800,191	5,625	5,155
29	24	98 045	11 254,413	148 188,247	13,167	12,696	79	74	44 579	122,508	657,946	5,371	4,900
30	25	97 959	10 435,838	136 933,833	13,121	12,651	80	75	41 069	104,744	535,439	5,112	4,641
31	26	97 872	9 676,642	126 497,995	13,073	12,602	81	76	37 427	88,590	430,695	4,862	4,391
32	27	97 774	8 971,588	116 821,353	13,021	12,551	82	77	33 747	74,135	342,105	4,615	4,144
33	28	97 676	8 317,936	107 849,765	12,966	12,495	83	78	30 072	61,309	267,969	4,371	3,900
34	29	97 579	7 712,052	99 531,829	12,906	12,435	84	79	26 447	50,040	206,660	4,130	3,659
35	30	97 473	7 149,591	91 819,776	12,843	12,372	85	80	22 901	40,215	156,619	3,895	3,424
36	31	97 362	6 627,789	84 670,186	12,775	12,304	86	81	19 437	31,676	116,404	3,675	3,204
37	32	97 242	6 143,465	78 042,397	12,703	12,233	87	82	16 154	24,433	84,728	3,468	2,997
38	33	97 112	5 693,988	71 898,932	12,627	12,157	88	83	13 074	18,351	60,295	3,286	2,815
39	34	96 972	5 276,844	66 204,944	12,546	12,076	89	84	10 380	13,523	41,944	3,102	2,631
40	35	96 819	4 889,569	60 928,100	12,461	11,990	90	85	8 033	9,712	28,421	2,926	2,456
41	36	96 646	4 529,765	56 038,530	12,371	11,901	91	86	6 100	6,844	18,709	2,733	2,263
42	37	96 457	4 195,756	51 508,765	12,276	11,806	92	87	4 440	4,624	11,864	2,566	2,095
43	38	96 251	3 885,646	47 313,009	12,176	11,706	93	88	3 077	2,974	7,241	2,435	1,964
44	39	96 009	3 597,111	43 427,362	12,073	11,602	94	89	2 061	1,848	4,267	2,308	1,838
45	40	95 738	3 328,939	39 830,251	11,965	11,494	95	90	1 324	1,102	2,418	2,194	1,723
46	41	95 439	3 079,859	36 501,311	11,852	11,381	96	91	821	0,634	1,316	2,074	1,604
47	42	95 097	2 848,096	33 421,453	11,735	11,264	97	92	481	0,345	0,681	1,977	1,506
48	43	94 713	2 632,575	30 573,357	11,613	11,143	98	93	268	0,179	0,337	1,887	1,416
49	44	94 279	2 432,027	27 940,782	11,489	11,018	99	94	142	0,088	0,158	1,804	1,333
							100	95	71	0,041	0,071	1,729	1,258

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	2 248,310	25 612,166	11,392	10,921
1							51	45	93 405	2 075,335	23 363,857	11,258	10,787
2							52	46	92 831	1 914,225	21 288,522	11,121	10,651
3							53	47	92 199	1 764,459	19 374,296	10,980	10,510
4							54	48	91 511	1 625,328	17 609,837	10,835	10,364
5							55	49	90 756	1 495,982	15 984,509	10,685	10,214
6	0	99 498	63 578,759	869 628,744	13,678	13,207	56	50	89 942	1 375,920	14 488,528	10,530	10,059
7	1	99 170	58 810,812	806 049,985	13,706	13,235	57	51	89 063	1 264,482	13 112,608	10,370	9,899
8	2	99 132	54 560,004	747 239,173	13,696	13,225	58	52	88 134	1 161,287	11 848,126	10,203	9,732
9	3	99 106	50 622,704	692 679,170	13,683	13,213	59	53	87 112	1 065,271	10 686,839	10,032	9,561
10	4	99 083	46 970,858	642 056,466	13,669	13,199	60	54	86 014	976,186	9 621,568	9,856	9,386
11	5	99 063	43 583,322	595 085,608	13,654	13,183	61	55	84 831	893,511	8 645,382	9,676	9,205
12	6	99 044	40 440,967	551 502,286	13,637	13,167	62	56	83 575	816,972	7 751,871	9,489	9,018
13	7	99 026	37 525,287	511 061,318	13,619	13,148	63	57	82 235	746,049	6 934,899	9,295	8,825
14	8	99 009	34 820,294	473 536,031	13,599	13,129	64	58	80 820	680,476	6 188,850	9,095	8,624
15	9	98 986	32 308,482	438 715,738	13,579	13,108	65	59	79 295	619,617	5 508,374	8,890	8,419
16	10	98 960	29 976,777	406 407,256	13,557	13,087	66	60	77 686	563,383	4 888,757	8,678	8,207
17	11	98 923	27 810,185	376 430,478	13,536	13,065	67	61	75 973	511,334	4 325,374	8,459	7,988
18	12	98 881	25 799,055	348 620,293	13,513	13,042	68	62	74 180	463,351	3 814,041	8,231	7,761
19	13	98 819	23 928,298	322 821,239	13,491	13,021	69	63	72 266	418,928	3 350,690	7,998	7,528
20	14	98 755	22 192,944	298 892,941	13,468	12,997	70	64	70 232	377,855	2 931,762	7,759	7,288
21	15	98 684	20 581,847	276 699,997	13,444	12,973	71	65	68 082	339,941	2 553,907	7,513	7,042
22	16	98 615	19 088,122	256 118,150	13,418	12,947	72	66	65 809	304,961	2 213,966	7,260	6,789
23	17	98 544	17 702,381	237 030,028	13,390	12,919	73	67	63 370	272,534	1 909,005	7,005	6,534
24	18	98 472	16 417,193	219 327,647	13,360	12,889	74	68	60 785	242,615	1 636,471	6,745	6,274
25	19	98 394	15 224,270	202 910,454	13,328	12,857	75	69	58 017	214,912	1 393,856	6,486	6,015
26	20	98 314	14 117,842	187 686,185	13,294	12,824	76	70	55 102	189,431	1 178,945	6,224	5,753
27	21	98 234	13 091,641	173 568,342	13,258	12,787	77	71	52 039	166,034	989,514	5,960	5,489
28	22	98 150	12 139,700	160 476,702	13,219	12,749	78	72	48 793	144,480	823,479	5,700	5,229
29	23	98 067	11 256,974	148 337,001	13,177	12,707	79	73	45 365	124,669	678,999	5,446	4,976
30	24	97 982	10 438,212	137 080,027	13,133	12,662	80	74	41 878	106,808	554,330	5,190	4,719
31	25	97 894	9 678,799	126 641,816	13,084	12,614	81	75	38 280	90,609	447,522	4,939	4,468
32	26	97 800	8 973,986	116 963,017	13,034	12,563	82	76	34 625	76,063	356,913	4,692	4,222
33	27	97 701	8 320,084	107 989,031	12,979	12,509	83	77	30 969	63,138	280,850	4,448	3,978
34	28	97 605	7 714,056	99 668,948	12,920	12,450	84	78	27 357	51,762	217,712	4,206	3,735
35	29	97 500	7 151,574	91 954,892	12,858	12,387	85	79	23 795	41,784	165,950	3,972	3,501
36	30	97 389	6 629,608	84 803,317	12,792	12,321	86	80	20 318	33,113	124,166	3,750	3,279
37	31	97 273	6 145,469	78 173,709	12,721	12,250	87	81	16 995	25,705	91,054	3,542	3,072
38	32	97 146	5 695,961	72 028,241	12,645	12,175	88	82	13 862	19,458	65,349	3,358	2,888
39	33	97 007	5 278,754	66 332,280	12,566	12,095	89	83	11 101	14,462	45,891	3,173	2,702
40	34	96 859	4 891,554	61 053,526	12,481	12,011	90	84	8 674	10,488	31,428	2,997	2,526
41	35	96 687	4 531,697	56 161,971	12,393	11,922	91	85	6 669	7,483	20,940	2,799	2,328
42	36	96 502	4 197,714	51 630,275	12,300	11,829	92	86	4 915	5,119	13,458	2,629	2,159
43	37	96 302	3 887,694	47 432,561	12,201	11,730	93	87	3 476	3,359	8,339	2,483	2,012
44	38	96 066	3 599,233	43 544,867	12,098	11,628	94	88	2 356	2,114	4,980	2,356	1,886
45	39	95 805	3 331,282	39 945,633	11,991	11,520	95	89	1 540	1,282	2,867	2,237	1,766
46	40	95 507	3 082,056	36 614,351	11,880	11,409	96	90	964	0,745	1,585	2,128	1,658
47	41	95 176	2 850,464	33 532,296	11,764	11,293	97	91	581	0,417	0,840	2,016	1,545
48	42	94 803	2 635,068	30 681,832	11,644	11,173	98	92	331	0,220	0,423	1,924	1,453
49	43	94 379	2 434,597	28 046,764	11,520	11,049	99	93	179	0,111	0,203	1,838	1,367
							100	94	92	0,053	0,093	1,760	1,290

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	2 250,685	25 706,900	11,422	10,951
1							51	44	93 511	2 077,685	23 456,214	11,290	10,819
2							52	45	92 956	1 916,818	21 378,530	11,153	10,682
3							53	46	92 342	1 767,199	19 461,712	11,013	10,542
4							54	47	91 670	1 628,153	17 694,512	10,868	10,397
5							55	48	90 925	1 498,759	16 066,359	10,720	10,249
6							56	49	90 130	1 378,804	14 567,600	10,565	10,095
7	0	99 488	58 999,588	806 455,767	13,669	13,198	57	50	89 272	1 267,443	13 188,796	10,406	9,935
8	1	99 160	54 575,521	747 456,180	13,696	13,225	58	51	88 354	1 164,187	11 921,352	10,240	9,769
9	2	99 122	50 630,866	692 880,658	13,685	13,214	59	52	87 354	1 068,230	10 757,165	10,070	9,599
10	3	99 098	46 977,594	642 249,792	13,671	13,201	60	53	86 276	979,162	9 688,935	9,895	9,424
11	4	99 075	43 588,546	595 272,198	13,657	13,186	61	54	85 102	896,367	8 709,773	9,717	9,246
12	5	99 053	40 444,626	551 683,652	13,640	13,170	62	55	83 877	819,922	7 813,406	9,529	9,059
13	6	99 034	37 528,296	511 239,026	13,623	13,152	63	56	82 548	748,890	6 993,484	9,338	8,868
14	7	99 017	34 823,203	473 710,730	13,603	13,133	64	57	81 155	683,295	6 244,595	9,139	8,668
15	8	98 993	32 310,489	438 887,527	13,583	13,113	65	58	79 658	622,455	5 561,299	8,934	8,464
16	9	98 967	29 978,681	406 577,039	13,562	13,092	66	59	78 059	566,088	4 938,844	8,725	8,254
17	10	98 931	27 812,426	376 598,358	13,541	13,070	67	60	76 391	514,145	4 372,756	8,505	8,034
18	11	98 889	25 801,104	348 785,933	13,518	13,048	68	61	74 604	466,000	3 858,611	8,280	7,810
19	12	98 826	23 930,132	322 984,829	13,497	13,026	69	62	72 722	421,573	3 392,611	8,048	7,577
20	13	98 765	22 195,127	299 054,697	13,474	13,003	70	63	70 703	380,391	2 971,038	7,810	7,340
21	14	98 696	20 584,395	276 859,570	13,450	12,979	71	64	68 575	342,405	2 590,647	7,566	7,095
22	15	98 628	19 090,710	256 275,174	13,424	12,953	72	65	66 323	307,340	2 248,241	7,315	6,844
23	16	98 560	17 705,227	237 184,464	13,396	12,926	73	66	63 895	274,793	1 940,901	7,063	6,592
24	17	98 489	16 420,075	219 479,237	13,367	12,896	74	67	61 338	244,823	1 666,108	6,805	6,335
25	18	98 415	15 227,596	203 059,162	13,335	12,864	75	68	58 591	217,037	1 421,285	6,549	6,078
26	19	98 336	14 120,879	187 831,566	13,302	12,831	76	69	55 713	191,532	1 204,248	6,287	5,817
27	20	98 254	13 094,404	173 710,687	13,266	12,795	77	70	52 668	168,042	1 012,716	6,027	5,556
28	21	98 172	12 142,325	160 616,283	13,228	12,757	78	71	49 453	146,434	844,674	5,768	5,298
29	22	98 090	11 259,561	148 473,958	13,186	12,716	79	72	46 078	126,628	698,240	5,514	5,043
30	23	98 004	10 440,586	137 214,397	13,142	12,672	80	73	42 617	108,692	571,611	5,259	4,788
31	24	97 916	9 681,000	126 773,811	13,095	12,624	81	74	39 034	92,395	462,919	5,010	4,540
32	25	97 822	8 975,986	117 092,811	13,045	12,574	82	75	35 414	77,797	370,525	4,763	4,292
33	26	97 727	8 322,307	108 116,825	12,991	12,521	83	76	31 774	64,780	292,728	4,519	4,048
34	27	97 630	7 716,048	99 794,518	12,933	12,463	84	77	28 172	53,305	227,948	4,276	3,806
35	28	97 526	7 153,432	92 078,470	12,872	12,401	85	78	24 613	43,222	174,643	4,041	3,570
36	29	97 416	6 631,447	84 925,038	12,806	12,336	86	79	21 111	34,405	131,421	3,820	3,349
37	30	97 300	6 147,156	78 293,591	12,737	12,266	87	80	17 765	26,870	97,017	3,611	3,140
38	31	97 177	5 697,818	72 146,435	12,662	12,191	88	81	14 584	20,471	70,146	3,427	2,956
39	32	97 041	5 280,583	66 448,617	12,584	12,113	89	82	11 771	15,335	49,675	3,239	2,769
40	33	96 894	4 893,325	61 168,034	12,500	12,030	90	83	9 277	11,216	34,341	3,062	2,591
41	34	96 727	4 533,536	56 274,709	12,413	11,942	91	84	7 201	8,081	23,124	2,862	2,391
42	35	96 544	4 199,504	51 741,172	12,321	11,850	92	85	5 373	5,596	15,044	2,688	2,218
43	36	96 347	3 889,508	47 541,669	12,223	11,752	93	86	3 847	3,718	9,448	2,541	2,070
44	37	96 117	3 601,130	43 652,161	12,122	11,651	94	87	2 662	2,387	5,729	2,400	1,929
45	38	95 862	3 333,247	40 051,031	12,016	11,545	95	88	1 760	1,465	3,342	2,281	1,810
46	39	95 574	3 084,225	36 717,784	11,905	11,434	96	89	1 121	0,866	1,877	2,168	1,697
47	40	95 244	2 852,498	33 633,559	11,791	11,320	97	90	683	0,489	1,011	2,066	1,595
48	41	94 882	2 637,259	30 781,062	11,672	11,201	98	91	400	0,266	0,522	1,959	1,489
49	42	94 468	2 436,902	28 143,802	11,549	11,078	99	92	221	0,136	0,255	1,872	1,402
							100	93	116	0,066	0,119	1,792	1,321

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	2 252,817	25 793,613	11,449	10,979
1							51	43	93 609	2 079,880	23 540,796	11,318	10,848
2							52	44	93 062	1 918,988	21 460,916	11,183	10,713
3							53	45	92 468	1 769,593	19 541,928	11,043	10,573
4							54	46	91 813	1 630,682	17 772,335	10,899	10,428
5							55	47	91 083	1 501,364	16 141,652	10,751	10,281
6							56	48	90 297	1 381,364	14 640,288	10,598	10,128
7							57	49	89 459	1 270,101	13 258,924	10,439	9,969
8	0	99 478	54 750,702	747 829,337	13,659	13,188	58	50	88 561	1 166,913	11 988,824	10,274	9,803
9	1	99 150	50 645,266	693 078,634	13,685	13,214	59	51	87 572	1 070,898	10 821,910	10,105	9,635
10	2	99 114	46 985,169	642 433,368	13,673	13,202	60	52	86 516	981,882	9 751,013	9,931	9,460
11	3	99 089	43 594,797	595 448,199	13,659	13,188	61	53	85 361	899,099	8 769,130	9,753	9,283
12	4	99 065	40 449,474	551 853,402	13,643	13,172	62	54	84 145	822,543	7 870,031	9,568	9,097
13	5	99 043	37 531,691	511 403,929	13,626	13,155	63	55	82 846	751,593	7 047,488	9,377	8,906
14	6	99 025	34 825,995	473 872,238	13,607	13,136	64	56	81 464	685,897	6 295,895	9,179	8,708
15	7	99 001	32 313,188	439 046,243	13,587	13,117	65	57	79 988	625,034	5 609,998	8,976	8,505
16	8	98 973	29 980,543	406 733,054	13,567	13,096	66	58	78 417	568,681	4 984,963	8,766	8,295
17	9	98 937	27 814,191	376 752,512	13,545	13,075	67	59	76 758	516,613	4 416,282	8,549	8,078
18	10	98 897	25 803,183	348 938,320	13,523	13,052	68	60	75 014	468,562	3 899,669	8,323	7,852
19	11	98 834	23 932,033	323 135,138	13,502	13,032	69	61	73 138	423,984	3 431,107	8,093	7,622
20	12	98 773	22 196,828	299 203,105	13,480	13,009	70	62	71 150	382,793	3 007,123	7,856	7,385
21	13	98 706	20 586,420	277 006,276	13,456	12,985	71	63	69 036	344,704	2 624,330	7,613	7,143
22	14	98 641	19 093,074	256 419,856	13,430	12,959	72	64	66 804	309,568	2 279,626	7,364	6,893
23	15	98 573	17 707,628	237 326,782	13,403	12,932	73	65	64 394	276,937	1 970,058	7,114	6,643
24	16	98 505	16 422,715	219 619,155	13,373	12,902	74	66	61 847	246,852	1 693,121	6,859	6,388
25	17	98 433	15 230,270	203 196,439	13,342	12,871	75	67	59 124	219,013	1 446,269	6,604	6,133
26	18	98 357	14 123,964	187 966,170	13,308	12,838	76	68	56 264	193,426	1 227,256	6,345	5,874
27	19	98 276	13 097,220	173 842,206	13,273	12,803	77	69	53 252	169,906	1 033,830	6,085	5,614
28	20	98 192	12 144,887	160 744,985	13,236	12,765	78	70	50 051	148,205	863,924	5,829	5,359
29	21	98 111	11 261,996	148 600,098	13,195	12,724	79	71	46 701	128,341	715,719	5,577	5,106
30	22	98 026	10 442,986	137 338,103	13,151	12,681	80	72	43 287	110,401	587,378	5,320	4,850
31	23	97 939	9 683,202	126 895,117	13,105	12,634	81	73	39 723	94,025	476,978	5,073	4,602
32	24	97 844	8 978,027	117 211,914	13,055	12,585	82	74	36 112	79,330	382,953	4,827	4,357
33	25	97 749	8 324,162	108 233,887	13,002	12,532	83	75	32 498	66,256	303,624	4,583	4,112
34	26	97 656	7 718,110	99 909,725	12,945	12,474	84	76	28 905	54,692	237,368	4,340	3,869
35	27	97 551	7 155,279	92 191,615	12,884	12,414	85	77	25 347	44,510	182,676	4,104	3,633
36	28	97 441	6 633,170	85 036,336	12,820	12,349	86	78	21 837	35,588	138,166	3,882	3,412
37	29	97 327	6 148,861	78 403,166	12,751	12,280	87	79	18 459	27,919	102,577	3,674	3,203
38	30	97 204	5 699,382	72 254,305	12,678	12,207	88	80	15 245	21,399	74,659	3,489	3,018
39	31	97 073	5 282,305	66 554,922	12,600	12,129	89	81	12 384	16,133	53,259	3,301	2,831
40	32	96 927	4 895,020	61 272,617	12,517	12,047	90	82	9 836	11,893	37,126	3,122	2,651
41	33	96 762	4 535,177	56 377,597	12,431	11,961	91	83	7 702	8,642	25,234	2,920	2,449
42	34	96 583	4 201,209	51 842,420	12,340	11,869	92	84	5 803	6,043	16,592	2,746	2,275
43	35	96 388	3 891,166	47 641,211	12,243	11,773	93	85	4 206	4,065	10,549	2,595	2,124
44	36	96 162	3 602,810	43 750,045	12,143	11,673	94	86	2 946	2,643	6,484	2,453	1,983
45	37	95 912	3 335,004	40 147,235	12,038	11,567	95	87	1 988	1,655	3,841	2,320	1,850
46	38	95 631	3 086,044	36 812,231	11,929	11,458	96	88	1 281	0,990	2,186	2,208	1,737
47	39	95 311	2 854,505	33 726,187	11,815	11,344	97	89	793	0,569	1,196	2,102	1,631
48	40	94 949	2 639,141	30 871,682	11,698	11,227	98	90	470	0,313	0,627	2,005	1,535
49	41	94 547	2 438,929	28 232,542	11,576	11,105	99	91	267	0,165	0,314	1,905	1,434
							100	92	143	0,082	0,149	1,823	1,353

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	2 254,690	25 872,889	11,475	11,004
1							51	42	93 698	2 081,849	23 618,199	11,345	10,874
2							52	43	93 160	1 921,016	21 536,349	11,211	10,740
3							53	44	92 572	1 771,596	19 615,334	11,072	10,601
4							54	45	91 937	1 632,891	17 843,737	10,928	10,457
5							55	46	91 224	1 503,696	16 210,846	10,781	10,310
6							56	47	90 454	1 383,765	14 707,150	10,628	10,158
7							57	48	89 625	1 272,458	13 323,385	10,471	10,000
8							58	49	88 746	1 169,360	12 050,926	10,306	9,835
9	0	99 469	50 807,832	693 421,786	13,648	13,177	59	50	87 778	1 073,406	10 881,567	10,137	9,667
10	1	99 142	46 998,532	642 613,955	13,673	13,202	60	51	86 732	984,334	9 808,161	9,964	9,494
11	2	99 105	43 601,826	595 615,422	13,660	13,190	61	52	85 599	901,598	8 823,827	9,787	9,316
12	3	99 079	40 455,274	552 013,596	13,645	13,174	62	53	84 402	825,050	7 922,229	9,602	9,131
13	4	99 055	37 536,189	511 558,322	13,628	13,158	63	54	83 111	753,996	7 097,179	9,413	8,942
14	5	99 034	34 829,146	474 022,132	13,610	13,139	64	55	81 758	688,373	6 343,183	9,215	8,744
15	6	99 009	32 315,779	439 192,986	13,591	13,120	65	56	80 293	627,414	5 654,810	9,013	8,542
16	7	98 981	29 983,048	406 877,207	13,570	13,100	66	57	78 742	571,037	5 027,395	8,804	8,333
17	8	98 943	27 815,919	376 894,160	13,550	13,079	67	58	77 110	518,980	4 456,358	8,587	8,116
18	9	98 904	25 804,821	349 078,240	13,528	13,057	68	59	75 374	470,812	3 937,379	8,363	7,892
19	10	98 842	23 933,961	323 273,420	13,507	13,036	69	60	73 540	426,315	3 466,567	8,131	7,661
20	11	98 780	22 198,592	299 339,459	13,485	13,014	70	61	71 557	384,982	3 040,252	7,897	7,426
21	12	98 714	20 587,998	277 140,867	13,461	12,991	71	62	69 471	346,880	2 655,270	7,655	7,184
22	13	98 650	19 094,952	256 552,869	13,436	12,965	72	63	67 252	311,646	2 308,389	7,407	6,936
23	14	98 585	17 709,820	237 457,917	13,408	12,938	73	64	64 860	278,944	1 996,743	7,158	6,688
24	15	98 519	16 424,942	219 748,097	13,379	12,908	74	65	62 329	248,778	1 717,799	6,905	6,434
25	16	98 449	15 232,718	203 323,155	13,348	12,877	75	66	59 614	220,828	1 469,021	6,652	6,182
26	17	98 374	14 126,444	188 090,436	13,315	12,844	76	67	56 776	195,187	1 248,193	6,395	5,924
27	18	98 297	13 100,082	173 963,992	13,280	12,809	77	68	53 779	171,586	1 053,006	6,137	5,666
28	19	98 213	12 147,500	160 863,911	13,243	12,772	78	69	50 606	149,848	881,419	5,882	5,411
29	20	98 131	11 264,372	148 716,411	13,202	12,732	79	70	47 266	129,893	731,571	5,632	5,161
30	21	98 048	10 445,244	137 452,039	13,159	12,689	80	71	43 872	111,894	601,678	5,377	4,907
31	22	97 961	9 685,428	127 006,795	13,113	12,643	81	72	40 347	95,503	489,785	5,128	4,658
32	23	97 866	8 980,070	117 321,367	13,065	12,594	82	73	36 749	80,729	394,282	4,884	4,413
33	24	97 771	8 326,055	108 341,297	13,012	12,542	83	74	33 139	67,561	313,553	4,641	4,170
34	25	97 678	7 719,830	100 015,242	12,956	12,485	84	75	29 564	55,938	245,992	4,398	3,927
35	26	97 577	7 157,191	92 295,412	12,895	12,425	85	76	26 006	45,668	190,054	4,162	3,691
36	27	97 466	6 634,883	85 138,221	12,832	12,361	86	77	22 488	36,649	144,386	3,940	3,469
37	28	97 352	6 150,459	78 503,338	12,764	12,293	87	78	19 094	28,879	107,736	3,731	3,260
38	29	97 231	5 700,964	72 352,879	12,691	12,221	88	79	15 840	22,234	78,857	3,547	3,076
39	30	97 099	5 283,755	66 651,916	12,614	12,144	89	80	12 945	16,865	56,623	3,358	2,887
40	31	96 959	4 896,617	61 368,161	12,533	12,062	90	81	10 349	12,512	39,758	3,178	2,707
41	32	96 795	4 536,748	56 471,544	12,448	11,977	91	82	8 166	9,163	27,246	2,974	2,503
42	33	96 618	4 202,729	51 934,796	12,357	11,887	92	83	6 206	6,463	18,083	2,798	2,327
43	34	96 427	3 892,746	47 732,067	12,262	11,791	93	84	4 542	4,390	11,621	2,647	2,176
44	35	96 203	3 604,346	43 839,321	12,163	11,692	94	85	3 221	2,889	7,231	2,503	2,032
45	36	95 957	3 336,560	40 234,975	12,059	11,588	95	86	2 201	1,832	4,341	2,369	1,899
46	37	95 681	3 087,670	36 898,415	11,950	11,480	96	87	1 447	1,118	2,509	2,244	1,773
47	38	95 367	2 856,189	33 810,745	11,838	11,367	97	88	907	0,651	1,391	2,138	1,668
48	39	95 016	2 640,998	30 954,556	11,721	11,250	98	89	546	0,363	0,740	2,038	1,567
49	40	94 614	2 440,669	28 313,558	11,601	11,130	99	90	314	0,194	0,377	1,948	1,477
							100	91	173	0,099	0,184	1,853	1,383

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	2 256,298	25 945,248	11,499	11,028
1							51	41	93 776	2 083,581	23 688,949	11,369	10,899
2							52	42	93 248	1 922,835	21 605,368	11,236	10,766
3							53	43	92 670	1 773,468	19 682,534	11,098	10,628
4							54	44	92 041	1 634,740	17 909,065	10,955	10,485
5							55	45	91 348	1 505,733	16 274,326	10,808	10,338
6							56	46	90 595	1 385,915	14 768,593	10,656	10,186
7							57	47	89 781	1 274,670	13 382,678	10,499	10,028
8							58	48	88 911	1 171,530	12 108,007	10,335	9,865
9							59	49	87 962	1 075,656	10 936,477	10,167	9,697
10	0	99 460	47 149,392	642 929,517	13,636	13,165	60	50	86 935	986,639	9 860,821	9,994	9,524
11	1	99 133	43 614,227	595 780,125	13,660	13,190	61	51	85 812	903,849	8 874,181	9,818	9,348
12	2	99 095	40 461,798	552 165,898	13,647	13,176	62	52	84 636	827,343	7 970,333	9,634	9,163
13	3	99 069	37 541,572	511 704,100	13,630	13,160	63	53	83 364	756,294	7 142,990	9,445	8,974
14	4	99 046	34 833,321	474 162,528	13,612	13,142	64	54	82 019	690,574	6 386,696	9,248	8,778
15	5	99 018	32 318,703	439 329,207	13,594	13,123	65	55	80 583	629,679	5 696,122	9,046	8,575
16	6	98 989	29 985,452	407 010,505	13,574	13,103	66	56	79 041	573,211	5 066,443	8,839	8,368
17	7	98 952	27 818,243	377 025,053	13,553	13,082	67	57	77 429	521,130	4 493,231	8,622	8,151
18	8	98 910	25 806,424	349 206,810	13,532	13,061	68	58	75 719	472,969	3 972,101	8,398	7,928
19	9	98 849	23 935,480	323 400,386	13,511	13,041	69	59	73 893	428,361	3 499,133	8,169	7,698
20	10	98 788	22 200,380	299 464,906	13,489	13,019	70	60	71 950	387,099	3 070,771	7,933	7,462
21	11	98 721	20 589,634	277 264,526	13,466	12,996	71	61	69 869	348,864	2 683,672	7,693	7,222
22	12	98 658	19 096,416	256 674,892	13,441	12,970	72	62	67 677	313,614	2 334,809	7,445	6,974
23	13	98 595	17 711,562	237 578,476	13,414	12,943	73	63	65 296	280,817	2 021,194	7,198	6,727
24	14	98 531	16 426,976	219 866,914	13,385	12,914	74	64	62 781	250,582	1 740,378	6,945	6,475
25	15	98 462	15 234,784	203 439,938	13,354	12,883	75	65	60 079	222,551	1 489,796	6,694	6,224
26	16	98 390	14 128,715	188 205,154	13,321	12,850	76	66	57 246	196,805	1 267,245	6,439	5,968
27	17	98 314	13 102,382	174 076,439	13,286	12,815	77	67	54 269	173,148	1 070,440	6,182	5,712
28	18	98 235	12 150,154	160 974,057	13,249	12,778	78	68	51 106	151,331	897,292	5,929	5,459
29	19	98 153	11 266,795	148 823,904	13,209	12,738	79	69	47 790	131,333	745,962	5,680	5,209
30	20	98 068	10 447,448	137 557,109	13,167	12,696	80	70	44 403	113,247	614,629	5,427	4,957
31	21	97 982	9 687,522	127 109,661	13,121	12,650	81	71	40 893	96,794	501,382	5,180	4,709
32	22	97 889	8 982,134	117 422,139	13,073	12,602	82	72	37 327	81,998	404,588	4,934	4,463
33	23	97 793	8 327,949	108 440,005	13,021	12,551	83	73	33 723	68,753	322,590	4,692	4,221
34	24	97 700	7 721,585	100 112,056	12,965	12,495	84	74	30 146	57,040	253,837	4,450	3,979
35	25	97 599	7 158,787	92 390,470	12,906	12,435	85	75	26 599	46,709	196,796	4,213	3,743
36	26	97 493	6 636,656	85 231,683	12,843	12,372	86	76	23 073	37,602	150,088	3,991	3,521
37	27	97 378	6 152,047	78 595,028	12,775	12,305	87	77	19 663	29,740	112,485	3,782	3,312
38	28	97 256	5 702,445	72 442,981	12,704	12,233	88	78	16 385	22,999	82,745	3,598	3,127
39	29	97 126	5 285,221	66 740,536	12,628	12,157	89	79	13 450	17,522	59,746	3,410	2,939
40	30	96 985	4 897,961	61 455,315	12,547	12,076	90	80	10 818	13,079	42,223	3,228	2,758
41	31	96 827	4 538,228	56 557,354	12,462	11,992	91	81	8 591	9,640	29,144	3,023	2,553
42	32	96 651	4 204,185	52 019,126	12,373	11,903	92	82	6 580	6,852	19,504	2,846	2,376
43	33	96 462	3 894,155	47 814,941	12,279	11,808	93	83	4 858	4,695	12,651	2,695	2,224
44	34	96 242	3 605,809	43 920,786	12,181	11,710	94	84	3 478	3,120	7,956	2,550	2,079
45	35	95 998	3 337,982	40 314,977	12,078	11,607	95	85	2 406	2,003	4,836	2,414	1,944
46	36	95 726	3 089,111	36 976,995	11,970	11,499	96	86	1 602	1,238	2,833	2,289	1,818
47	37	95 417	2 857,694	33 887,884	11,858	11,388	97	87	1 025	0,735	1,595	2,171	1,700
48	38	95 072	2 642,556	31 030,190	11,742	11,272	98	88	624	0,415	0,861	2,072	1,601
49	39	94 681	2 442,386	28 387,634	11,623	11,152	99	89	364	0,225	0,445	1,978	1,507
							100	90	203	0,116	0,220	1,893	1,422

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	2 257,886	26 011,399	11,520	11,050
1							51	40	93 843	2 085,067	23 753,513	11,392	10,922
2							52	41	93 326	1 924,434	21 668,446	11,260	10,789
3							53	42	92 758	1 775,147	19 744,012	11,122	10,652
4							54	43	92 138	1 636,467	17 968,864	10,980	10,510
5							55	44	91 451	1 507,438	16 332,397	10,835	10,364
6							56	45	90 718	1 387,792	14 824,960	10,682	10,212
7							57	46	89 920	1 276,650	13 437,168	10,525	10,055
8							58	47	89 066	1 173,567	12 160,517	10,362	9,891
9							59	48	88 125	1 077,653	10 986,950	10,195	9,725
10							60	49	87 117	988,708	9 909,297	10,022	9,552
11	0	99 451	43 754,224	596 070,322	13,623	13,152	61	50	86 013	905,966	8 920,590	9,846	9,376
12	1	99 123	40 473,305	552 316,098	13,646	13,176	62	51	84 848	829,409	8 014,624	9,663	9,192
13	2	99 085	37 547,626	511 842,792	13,632	13,161	63	52	83 596	758,396	7 185,215	9,474	9,004
14	3	99 060	34 838,316	474 295,167	13,614	13,144	64	53	82 269	692,679	6 426,820	9,278	8,808
15	4	99 030	32 322,576	439 456,851	13,596	13,125	65	54	80 840	631,692	5 734,141	9,077	8,607
16	5	98 998	29 988,165	407 134,275	13,576	13,106	66	55	79 327	575,281	5 102,449	8,869	8,399
17	6	98 960	27 820,474	377 146,110	13,556	13,086	67	56	77 724	523,114	4 527,168	8,654	8,184
18	7	98 918	25 808,580	349 325,636	13,535	13,065	68	57	76 033	474,928	4 004,054	8,431	7,960
19	8	98 855	23 936,967	323 517,057	13,515	13,045	69	58	74 231	430,324	3 529,125	8,201	7,730
20	9	98 795	22 201,789	299 580,089	13,494	13,023	70	59	72 296	388,957	3 098,802	7,967	7,496
21	10	98 729	20 591,292	277 378,300	13,471	13,000	71	60	70 253	350,782	2 709,845	7,725	7,254
22	11	98 666	19 097,933	256 787,007	13,446	12,975	72	61	68 064	315,407	2 359,063	7,479	7,009
23	12	98 602	17 712,920	237 689,075	13,419	12,948	73	62	65 708	282,590	2 043,655	7,232	6,761
24	13	98 541	16 428,592	219 976,154	13,390	12,919	74	63	63 202	252,264	1 761,065	6,981	6,510
25	14	98 474	15 236,670	203 547,563	13,359	12,888	75	64	60 515	224,164	1 508,801	6,731	6,260
26	15	98 404	14 130,631	188 310,893	13,326	12,856	76	65	57 693	198,340	1 284,637	6,477	6,006
27	16	98 330	13 104,489	174 180,262	13,292	12,821	77	66	54 718	174,583	1 086,297	6,222	5,752
28	17	98 252	12 152,287	161 075,774	13,255	12,784	78	67	51 571	152,708	911,714	5,970	5,500
29	18	98 174	11 269,257	148 923,487	13,215	12,744	79	68	48 263	132,632	759,006	5,723	5,252
30	19	98 089	10 449,695	137 654,230	13,173	12,702	80	69	44 895	114,503	626,374	5,470	5,000
31	20	98 003	9 689,566	127 204,535	13,128	12,657	81	70	41 387	97,965	511,871	5,225	4,754
32	21	97 910	8 984,076	117 514,968	13,080	12,610	82	71	37 832	83,107	413,907	4,980	4,510
33	22	97 816	8 329,864	108 530,893	13,029	12,558	83	72	34 253	69,834	330,800	4,737	4,266
34	23	97 722	7 723,342	100 201,029	12,974	12,503	84	73	30 678	58,047	260,966	4,496	4,025
35	24	97 621	7 160,415	92 477,687	12,915	12,444	85	74	27 123	47,629	202,919	4,260	3,790
36	25	97 514	6 638,135	85 317,273	12,853	12,382	86	75	23 599	38,459	155,290	4,038	3,567
37	26	97 404	6 153,691	78 679,137	12,786	12,315	87	76	20 174	30,514	116,831	3,829	3,358
38	27	97 281	5 703,917	72 525,447	12,715	12,244	88	77	16 873	23,685	86,317	3,644	3,174
39	28	97 152	5 286,594	66 821,529	12,640	12,169	89	78	13 913	18,125	62,632	3,456	2,985
40	29	97 012	4 899,320	61 534,935	12,560	12,089	90	79	11 240	13,590	44,507	3,275	2,804
41	30	96 853	4 539,474	56 635,616	12,476	12,006	91	80	8 981	10,077	30,917	3,068	2,597
42	31	96 683	4 205,556	52 096,142	12,387	11,917	92	81	6 923	7,209	20,840	2,891	2,420
43	32	96 495	3 895,504	47 890,586	12,294	11,823	93	82	5 151	4,978	13,631	2,738	2,268
44	33	96 276	3 607,115	43 995,082	12,197	11,726	94	83	3 720	3,337	8,653	2,593	2,122
45	34	96 037	3 339,337	40 387,967	12,095	11,624	95	84	2 599	2,163	5,316	2,457	1,987
46	35	95 766	3 090,428	37 048,630	11,988	11,518	96	85	1 751	1,353	3,153	2,330	1,859
47	36	95 462	2 859,027	33 958,202	11,878	11,407	97	86	1 134	0,813	1,799	2,212	1,742
48	37	95 122	2 643,948	31 099,175	11,762	11,292	98	87	705	0,469	0,986	2,101	1,631
49	38	94 736	2 443,827	28 455,226	11,644	11,173	99	88	417	0,257	0,517	2,008	1,537
							100	89	236	0,135	0,259	1,920	1,449

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	2 259,218	26 071,750	11,540	11,070
1							51	39	93 909	2 086,534	23 812,532	11,412	10,942
2							52	40	93 392	1 925,807	21 725,998	11,282	10,811
3							53	41	92 835	1 776,624	19 800,191	11,145	10,674
4							54	42	92 226	1 638,017	18 023,567	11,003	10,533
5							55	43	91 548	1 509,031	16 385,551	10,858	10,388
6							56	44	90 820	1 389,363	14 876,520	10,707	10,237
7							57	45	90 042	1 278,380	13 487,157	10,550	10,080
8							58	46	89 204	1 175,390	12 208,778	10,387	9,916
9							59	47	88 278	1 079,526	11 033,388	10,221	9,750
10							60	48	87 279	990,543	9 953,861	10,049	9,578
11							61	49	86 194	907,865	8 963,318	9,873	9,402
12	0	99 442	40 603,220	552 582,975	13,609	13,139	62	50	85 046	831,351	8 055,453	9,690	9,219
13	1	99 113	37 558,305	511 979,754	13,632	13,161	63	51	83 805	760,289	7 224,102	9,502	9,031
14	2	99 076	34 843,933	474 421,450	13,616	13,145	64	52	82 498	694,603	6 463,813	9,306	8,835
15	3	99 044	32 327,212	439 577,516	13,598	13,127	65	53	81 087	633,618	5 769,209	9,105	8,635
16	4	99 010	29 991,759	407 250,305	13,579	13,108	66	54	79 580	577,120	5 135,592	8,899	8,428
17	5	98 969	27 822,991	377 258,546	13,559	13,089	67	55	78 004	525,003	4 558,472	8,683	8,212
18	6	98 926	25 810,649	349 435,555	13,538	13,068	68	56	76 323	476,737	4 033,469	8,461	7,990
19	7	98 863	23 938,967	323 624,906	13,519	13,048	69	57	74 539	432,107	3 556,733	8,231	7,760
20	8	98 801	22 203,169	299 685,939	13,497	13,027	70	58	72 627	390,739	3 124,626	7,997	7,526
21	9	98 736	20 592,600	277 482,770	13,475	13,004	71	59	70 590	352,466	2 733,887	7,756	7,286
22	10	98 674	19 099,472	256 890,171	13,450	12,979	72	60	68 438	317,141	2 381,421	7,509	7,038
23	11	98 610	17 714,327	237 790,699	13,424	12,953	73	61	66 084	284,206	2 064,279	7,263	6,793
24	12	98 548	16 429,851	220 076,372	13,395	12,924	74	62	63 602	253,857	1 780,074	7,012	6,541
25	13	98 484	15 238,169	203 646,521	13,364	12,894	75	63	60 921	225,669	1 526,217	6,763	6,292
26	14	98 416	14 132,380	188 408,352	13,332	12,861	76	64	58 111	199,778	1 300,548	6,510	6,039
27	15	98 343	13 106,265	174 275,972	13,297	12,826	77	65	55 145	175,945	1 100,770	6,256	5,786
28	16	98 268	12 154,241	161 169,707	13,260	12,790	78	66	51 999	153,974	924,825	6,006	5,536
29	17	98 191	11 271,235	149 015,466	13,221	12,750	79	67	48 702	133,840	770,851	5,760	5,289
30	18	98 111	10 451,978	137 744,231	13,179	12,708	80	68	45 339	115,635	637,012	5,509	5,038
31	19	98 024	9 691,651	127 292,252	13,134	12,664	81	69	41 846	99,051	521,376	5,264	4,793
32	20	97 930	8 985,971	117 600,602	13,087	12,616	82	70	38 289	84,112	422,325	5,021	4,550
33	21	97 837	8 331,664	108 614,630	13,036	12,566	83	71	34 716	70,778	338,214	4,778	4,308
34	22	97 745	7 725,117	100 282,966	12,981	12,511	84	72	31 160	58,959	267,435	4,536	4,065
35	23	97 643	7 162,044	92 557,848	12,923	12,453	85	73	27 602	48,469	208,476	4,301	3,831
36	24	97 536	6 639,645	85 395,805	12,862	12,391	86	74	24 064	39,217	160,007	4,080	3,609
37	25	97 425	6 155,062	78 756,160	12,795	12,325	87	75	20 634	31,209	120,790	3,870	3,400
38	26	97 307	5 705,441	72 601,098	12,725	12,254	88	76	17 312	24,301	89,581	3,686	3,216
39	27	97 177	5 287,959	66 895,656	12,651	12,180	89	77	14 328	18,666	65,280	3,497	3,027
40	28	97 038	4 900,593	61 607,697	12,571	12,101	90	78	11 627	14,057	46,614	3,316	2,845
41	29	96 880	4 540,733	56 707,105	12,489	12,018	91	79	9 331	10,470	32,557	3,109	2,639
42	30	96 709	4 206,711	52 166,371	12,401	11,930	92	80	7 237	7,536	22,086	2,931	2,460
43	31	96 527	3 896,774	47 959,661	12,308	11,837	93	81	5 419	5,237	14,550	2,778	2,308
44	32	96 310	3 608,364	44 062,886	12,211	11,741	94	82	3 944	3,538	9,313	2,632	2,162
45	33	96 072	3 340,546	40 454,522	12,110	11,639	95	83	2 779	2,314	5,775	2,496	2,026
46	34	95 805	3 091,682	37 113,976	12,004	11,534	96	84	1 891	1,461	3,462	2,369	1,898
47	35	95 503	2 860,246	34 022,294	11,895	11,424	97	85	1 240	0,889	2,000	2,249	1,779
48	36	95 167	2 645,182	31 162,047	11,781	11,310	98	86	781	0,519	1,111	2,139	1,668
49	37	94 786	2 445,115	28 516,865	11,663	11,192	99	87	471	0,291	0,592	2,035	1,564
							100	88	270	0,155	0,301	1,947	1,477



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	2 260,409	26 126,778	11,558	11,088
1							51	38	93 964	2 087,765	23 866,369	11,432	10,961
2							52	39	93 458	1 927,162	21 778,604	11,301	10,830
3							53	40	92 901	1 777,891	19 851,442	11,166	10,695
4							54	41	92 302	1 639,379	18 073,551	11,025	10,554
5							55	42	91 635	1 510,459	16 434,172	10,880	10,410
6							56	43	90 916	1 390,831	14 923,713	10,730	10,259
7							57	44	90 144	1 279,827	13 532,882	10,574	10,103
8							58	45	89 325	1 176,982	12 253,055	10,411	9,940
9							59	46	88 415	1 081,203	11 076,073	10,244	9,774
10							60	47	87 431	992,265	9 994,870	10,073	9,602
11							61	48	86 354	909,550	9 002,604	9,898	9,427
12							62	49	85 225	833,094	8 093,054	9,714	9,244
13	0	99 431	37 678,862	512 225,193	13,594	13,124	63	50	84 001	762,070	7 259,960	9,527	9,056
14	1	99 104	34 853,843	474 546,330	13,615	13,145	64	51	82 704	696,338	6 497,890	9,332	8,861
15	2	99 060	32 332,424	439 692,487	13,599	13,128	65	52	81 312	635,378	5 801,552	9,131	8,660
16	3	99 024	29 996,060	407 360,063	13,580	13,110	66	53	79 823	578,879	5 166,174	8,924	8,454
17	4	98 980	27 826,325	377 364,003	13,561	13,091	67	54	78 254	526,681	4 587,295	8,710	8,239
18	5	98 935	25 812,984	349 537,677	13,541	13,070	68	55	76 598	478,458	4 060,614	8,487	8,016
19	6	98 871	23 940,887	323 724,693	13,522	13,051	69	56	74 823	433,752	3 582,156	8,259	7,788
20	7	98 809	22 205,024	299 783,806	13,501	13,030	70	57	72 928	392,358	3 148,404	8,024	7,554
21	8	98 742	20 593,879	277 578,783	13,479	13,008	71	58	70 914	354,081	2 756,046	7,784	7,313
22	9	98 680	19 100,684	256 984,904	13,454	12,984	72	59	68 767	318,664	2 401,966	7,538	7,067
23	10	98 618	17 715,754	237 884,220	13,428	12,957	73	60	66 447	285,768	2 083,302	7,290	6,820
24	11	98 556	16 431,156	220 168,465	13,399	12,929	74	61	63 965	255,308	1 797,533	7,041	6,570
25	12	98 491	15 239,337	203 737,309	13,369	12,899	75	62	61 306	227,094	1 542,225	6,791	6,320
26	13	98 425	14 133,771	188 497,972	13,337	12,866	76	63	58 501	201,119	1 315,131	6,539	6,068
27	14	98 356	13 107,888	174 364,202	13,302	12,832	77	64	55 545	177,220	1 114,012	6,286	5,815
28	15	98 281	12 155,889	161 256,314	13,266	12,795	78	65	52 405	155,175	936,792	6,037	5,566
29	16	98 207	11 273,048	149 100,425	13,226	12,756	79	66	49 106	134,949	781,617	5,792	5,321
30	17	98 128	10 453,813	137 827,378	13,184	12,714	80	67	45 752	116,688	646,668	5,542	5,071
31	18	98 046	9 693,768	127 373,564	13,140	12,669	81	68	42 260	100,031	529,980	5,298	4,828
32	19	97 952	8 987,904	117 679,796	13,093	12,622	82	69	38 714	85,045	429,949	5,056	4,585
33	20	97 857	8 333,423	108 691,892	13,043	12,572	83	70	35 136	71,634	344,905	4,815	4,344
34	21	97 766	7 726,788	100 358,469	12,988	12,518	84	71	31 582	59,756	273,270	4,573	4,102
35	22	97 666	7 163,690	92 631,682	12,931	12,460	85	72	28 036	49,231	213,514	4,337	3,866
36	23	97 559	6 641,155	85 467,992	12,869	12,399	86	73	24 488	39,909	164,283	4,116	3,646
37	24	97 447	6 156,462	78 826,836	12,804	12,333	87	74	21 041	31,824	124,374	3,908	3,438
38	25	97 329	5 706,713	72 670,374	12,734	12,264	88	75	17 706	24,855	92,550	3,724	3,253
39	26	97 203	5 289,372	66 963,661	12,660	12,189	89	76	14 701	19,151	67,695	3,535	3,064
40	27	97 063	4 901,858	61 674,289	12,582	12,111	90	77	11 973	14,476	48,544	3,353	2,883
41	28	96 905	4 541,913	56 772,431	12,500	12,029	91	78	9 652	10,831	34,068	3,145	2,675
42	29	96 736	4 207,878	52 230,518	12,413	11,942	92	79	7 519	7,830	23,237	2,968	2,497
43	30	96 553	3 897,844	48 022,640	12,320	11,850	93	80	5 665	5,475	15,407	2,814	2,344
44	31	96 341	3 609,541	44 124,796	12,224	11,754	94	81	4 150	3,722	9,932	2,668	2,198
45	32	96 105	3 341,703	40 515,255	12,124	11,653	95	82	2 947	2,453	6,210	2,532	2,061
46	33	95 840	3 092,801	37 173,552	12,019	11,549	96	83	2 023	1,563	3,757	2,404	1,933
47	34	95 541	2 861,407	34 080,751	11,910	11,440	97	84	1 339	0,960	2,194	2,285	1,814
48	35	95 207	2 646,310	31 219,343	11,797	11,327	98	85	853	0,568	1,234	2,173	1,702
49	36	94 831	2 446,256	28 573,034	11,680	11,210	99	86	521	0,322	0,666	2,070	1,599
							100	87	305	0,175	0,344	1,972	1,501

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	2 261,463	26 176,912	11,575	11,105
1							51	37	94 014	2 088,865	23 915,449	11,449	10,978
2							52	38	93 513	1 928,299	21 826,584	11,319	10,848
3							53	39	92 966	1 779,142	19 898,285	11,184	10,714
4							54	40	92 368	1 640,548	18 119,143	11,045	10,574
5							55	41	91 711	1 511,716	16 478,594	10,901	10,430
6							56	42	91 002	1 392,148	14 966,879	10,751	10,280
7							57	43	90 239	1 281,179	13 574,731	10,595	10,125
8							58	44	89 426	1 178,314	12 293,552	10,433	9,963
9							59	45	88 535	1 082,668	11 115,237	10,267	9,796
10							60	46	87 567	993,807	10 032,570	10,095	9,624
11							61	47	86 504	911,132	9 038,763	9,920	9,450
12							62	48	85 383	834,640	8 127,632	9,738	9,267
13							63	49	84 177	763,668	7 292,991	9,550	9,079
14	0	99 422	34 965,720	474 772,062	13,578	13,108	64	50	82 898	697,969	6 529,324	9,355	8,884
15	1	99 088	32 341,620	439 806,342	13,599	13,128	65	51	81 515	636,965	5 831,355	9,155	8,684
16	2	99 040	30 000,897	407 464,722	13,582	13,111	66	52	80 045	580,487	5 194,390	8,948	8,478
17	3	98 995	27 830,316	377 463,825	13,563	13,092	67	53	78 492	528,287	4 613,903	8,734	8,263
18	4	98 947	25 816,078	349 633,509	13,543	13,073	68	54	76 843	479,987	4 085,616	8,512	8,041
19	5	98 880	23 943,053	323 817,431	13,524	13,054	69	55	75 093	435,318	3 605,629	8,283	7,812
20	6	98 817	22 206,804	299 874,378	13,504	13,033	70	56	73 205	393,852	3 170,311	8,050	7,579
21	7	98 750	20 595,599	277 667,574	13,482	13,011	71	57	71 207	355,548	2 776,459	7,809	7,338
22	8	98 686	19 101,871	257 071,975	13,458	12,987	72	58	69 082	320,124	2 420,912	7,562	7,092
23	9	98 624	17 716,879	237 970,104	13,432	12,961	73	59	66 766	287,140	2 100,788	7,316	6,846
24	10	98 564	16 432,480	220 253,225	13,404	12,933	74	60	64 317	256,712	1 813,648	7,065	6,594
25	11	98 499	15 240,547	203 820,746	13,374	12,903	75	61	61 656	228,393	1 556,936	6,817	6,346
26	12	98 433	14 134,854	188 580,198	13,342	12,871	76	62	58 871	202,389	1 328,543	6,564	6,094
27	13	98 365	13 109,178	174 445,344	13,307	12,836	77	63	55 918	178,410	1 126,154	6,312	5,841
28	14	98 293	12 157,394	161 336,167	13,271	12,800	78	64	52 784	156,300	947,744	6,064	5,593
29	15	98 220	11 274,576	149 178,773	13,231	12,761	79	65	49 489	136,002	791,444	5,819	5,349
30	16	98 144	10 455,494	137 904,197	13,190	12,719	80	66	46 131	117,655	655,442	5,571	5,100
31	17	98 063	9 695,470	127 448,703	13,145	12,675	81	67	42 645	100,941	537,788	5,328	4,857
32	18	97 973	8 989,868	117 753,233	13,098	12,628	82	68	39 097	85,886	436,846	5,086	4,616
33	19	97 878	8 335,215	108 763,365	13,049	12,578	83	69	35 526	72,429	350,961	4,846	4,375
34	20	97 786	7 728,418	100 428,149	12,995	12,524	84	70	31 964	60,479	278,532	4,605	4,135
35	21	97 687	7 165,239	92 699,731	12,937	12,467	85	71	28 415	49,897	218,053	4,370	3,899
36	22	97 581	6 642,682	85 534,493	12,877	12,406	86	72	24 873	40,536	168,156	4,148	3,678
37	23	97 470	6 157,863	78 891,811	12,812	12,341	87	73	21 412	32,385	127,620	3,941	3,470
38	24	97 351	5 708,011	72 733,948	12,742	12,272	88	74	18 055	25,345	95,234	3,758	3,287
39	25	97 224	5 290,551	67 025,937	12,669	12,198	89	75	15 036	19,588	69,890	3,568	3,097
40	26	97 089	4 903,168	61 735,386	12,591	12,120	90	76	12 285	14,853	50,302	3,387	2,916
41	27	96 930	4 543,086	56 832,218	12,510	12,039	91	77	9 940	11,154	35,449	3,178	2,708
42	28	96 761	4 208,971	52 289,133	12,423	11,953	92	78	7 778	8,099	24,296	3,000	2,529
43	29	96 580	3 898,925	48 080,162	12,332	11,861	93	79	5 886	5,688	16,196	2,847	2,377
44	30	96 368	3 610,532	44 181,236	12,237	11,766	94	80	4 338	3,891	10,508	2,701	2,230
45	31	96 136	3 342,793	40 570,704	12,137	11,666	95	81	3 100	2,581	6,617	2,564	2,093
46	32	95 873	3 093,873	37 227,911	12,033	11,562	96	82	2 145	1,657	4,036	2,436	1,965
47	33	95 576	2 862,443	34 134,038	11,925	11,454	97	83	1 432	1,027	2,379	2,317	1,846
48	34	95 246	2 647,384	31 271,595	11,812	11,342	98	84	922	0,613	1,352	2,205	1,734
49	35	94 871	2 447,299	28 624,211	11,696	11,226	99	85	570	0,352	0,739	2,100	1,630
							100	86	337	0,193	0,387	2,004	1,533

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	2 262,428	26 222,585	11,590	11,120
1							51	36	94 058	2 089,840	23 960,158	11,465	10,994
2							52	37	93 562	1 929,315	21 870,318	11,336	10,865
3							53	38	93 021	1 780,192	19 941,003	11,202	10,731
4							54	39	92 433	1 641,703	18 160,811	11,062	10,592
5							55	40	91 776	1 512,794	16 519,108	10,920	10,449
6							56	41	91 078	1 393,306	15 006,315	10,770	10,300
7							57	42	90 325	1 282,392	13 613,009	10,615	10,145
8							58	43	89 520	1 179,559	12 330,617	10,454	9,983
9							59	44	88 635	1 083,893	11 151,057	10,288	9,817
10							60	45	87 685	995,153	10 067,164	10,116	9,646
11							61	46	86 638	912,547	9 072,011	9,941	9,471
12							62	47	85 531	836,091	8 159,464	9,759	9,288
13							63	48	84 333	765,085	7 323,373	9,572	9,101
14							64	49	83 071	699,432	6 558,288	9,377	8,906
15	0	99 406	32 445,433	440 013,949	13,562	13,091	65	50	81 706	638,457	5 858,856	9,177	8,706
16	1	99 068	30 009,429	407 568,517	13,581	13,111	66	51	80 245	581,937	5 220,399	8,971	8,500
17	2	99 011	27 834,803	377 559,087	13,564	13,094	67	52	78 710	529,754	4 638,462	8,756	8,285
18	3	98 961	25 819,780	349 724,284	13,545	13,074	68	53	77 077	481,450	4 108,708	8,534	8,063
19	4	98 892	23 945,922	323 904,503	13,526	13,056	69	54	75 333	436,709	3 627,258	8,306	7,835
20	5	98 826	22 208,813	299 958,581	13,506	13,036	70	55	73 470	395,274	3 190,548	8,072	7,601
21	6	98 758	20 597,251	277 749,768	13,485	13,014	71	56	71 478	356,901	2 795,275	7,832	7,361
22	7	98 694	19 103,467	257 152,517	13,461	12,990	72	57	69 368	321,450	2 438,373	7,586	7,115
23	8	98 631	17 717,979	238 049,051	13,435	12,965	73	58	67 072	288,456	2 116,923	7,339	6,868
24	9	98 570	16 433,523	220 331,071	13,407	12,937	74	59	64 626	257,945	1 828,467	7,089	6,618
25	10	98 507	15 241,775	203 897,548	13,378	12,907	75	60	61 995	229,648	1 570,523	6,839	6,368
26	11	98 441	14 135,977	188 655,773	13,346	12,875	76	61	59 207	203,546	1 340,875	6,588	6,117
27	12	98 373	13 110,182	174 519,796	13,312	12,841	77	62	56 271	179,537	1 137,329	6,335	5,864
28	13	98 303	12 158,590	161 409,613	13,275	12,805	78	63	53 139	157,349	957,792	6,087	5,616
29	14	98 232	11 275,972	149 251,024	13,236	12,766	79	64	49 848	136,987	800,443	5,843	5,373
30	15	98 157	10 456,912	137 975,052	13,195	12,724	80	65	46 491	118,573	663,455	5,595	5,125
31	16	98 079	9 697,029	127 518,140	13,150	12,680	81	66	42 998	101,778	544,882	5,354	4,883
32	17	97 990	8 991,446	117 821,111	13,104	12,633	82	67	39 452	86,668	443,104	5,113	4,642
33	18	97 900	8 337,036	108 829,665	13,054	12,583	83	68	35 877	73,145	356,437	4,873	4,402
34	19	97 807	7 730,081	100 492,628	13,000	12,530	84	69	32 318	61,150	283,292	4,633	4,162
35	20	97 707	7 166,751	92 762,548	12,943	12,473	85	70	28 758	50,500	222,142	4,399	3,928
36	21	97 602	6 644,118	85 595,797	12,883	12,412	86	71	25 210	41,085	171,642	4,178	3,707
37	22	97 492	6 159,278	78 951,679	12,818	12,348	87	72	21 748	32,894	130,557	3,969	3,498
38	23	97 373	5 709,309	72 792,401	12,750	12,279	88	73	18 374	25,792	97,663	3,787	3,316
39	24	97 246	5 291,754	67 083,092	12,677	12,206	89	74	15 332	19,974	71,871	3,598	3,128
40	25	97 110	4 904,261	61 791,338	12,600	12,129	90	75	12 565	15,191	51,898	3,416	2,946
41	26	96 956	4 544,300	56 887,077	12,518	12,048	91	76	10 198	11,444	36,706	3,208	2,737
42	27	96 786	4 210,058	52 342,777	12,433	11,962	92	77	8 010	8,341	25,263	3,029	2,558
43	28	96 605	3 899,938	48 132,719	12,342	11,871	93	78	6 088	5,884	16,922	2,876	2,405
44	29	96 394	3 611,534	44 232,781	12,248	11,777	94	79	4 507	4,043	11,038	2,730	2,260
45	30	96 163	3 343,711	40 621,247	12,149	11,678	95	80	3 241	2,698	6,995	2,593	2,122
46	31	95 904	3 094,882	37 277,537	12,045	11,574	96	81	2 256	1,743	4,297	2,465	1,994
47	32	95 609	2 863,435	34 182,655	11,938	11,467	97	82	1 519	1,089	2,554	2,345	1,875
48	33	95 280	2 648,342	31 319,220	11,826	11,355	98	83	986	0,656	1,465	2,234	1,763
49	34	94 910	2 448,292	28 670,878	11,711	11,240	99	84	615	0,380	0,809	2,130	1,659
							100	85	369	0,211	0,429	2,032	1,561

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	2 263,346	26 264,227	11,604	11,133
1							51	35	94 098	2 090,731	24 000,880	11,480	11,009
2							52	36	93 606	1 930,215	21 910,150	11,351	10,880
3							53	37	93 070	1 781,130	19 979,935	11,218	10,747
4							54	38	92 488	1 642,671	18 198,805	11,079	10,608
5							55	39	91 841	1 513,858	16 556,133	10,936	10,466
6							56	40	91 143	1 394,300	15 042,275	10,788	10,318
7							57	41	90 400	1 283,459	13 647,975	10,634	10,163
8							58	42	89 605	1 180,676	12 364,517	10,472	10,002
9							59	43	88 729	1 085,039	11 183,840	10,307	9,837
10							60	44	87 784	996,279	10 098,802	10,137	9,666
11							61	45	86 755	913,783	9 102,522	9,961	9,491
12							62	46	85 664	837,390	8 188,740	9,779	9,308
13							63	47	84 480	766,415	7 351,349	9,592	9,121
14							64	48	83 226	700,730	6 584,934	9,397	8,927
15							65	49	81 877	639,795	5 884,204	9,197	8,726
16	0	99 386	30 105,756	407 759,458	13,544	13,074	66	50	80 433	583,300	5 244,409	8,991	8,520
17	1	99 039	27 842,720	377 653,702	13,564	13,093	67	51	78 907	531,077	4 661,109	8,777	8,306
18	2	98 977	25 823,944	349 810,982	13,546	13,075	68	52	77 291	482,788	4 130,032	8,555	8,084
19	3	98 906	23 949,356	323 987,039	13,528	13,057	69	53	75 563	438,041	3 647,244	8,326	7,856
20	4	98 838	22 211,475	300 037,682	13,508	13,038	70	54	73 704	396,537	3 209,203	8,093	7,622
21	5	98 767	20 599,114	277 826,207	13,487	13,017	71	55	71 737	358,190	2 812,666	7,852	7,382
22	6	98 702	19 104,998	257 227,093	13,464	12,993	72	56	69 632	322,674	2 454,476	7,607	7,136
23	7	98 639	17 719,460	238 122,095	13,438	12,968	73	57	67 350	289,651	2 131,802	7,360	6,889
24	8	98 576	16 434,544	220 402,635	13,411	12,940	74	58	64 922	259,126	1 842,151	7,109	6,638
25	9	98 513	15 242,743	203 968,091	13,381	12,911	75	59	62 293	230,751	1 583,025	6,860	6,390
26	10	98 449	14 137,116	188 725,348	13,350	12,879	76	60	59 533	204,665	1 352,274	6,607	6,137
27	11	98 381	13 111,224	174 588,232	13,316	12,845	77	61	56 593	180,563	1 147,609	6,356	5,885
28	12	98 311	12 159,522	161 477,008	13,280	12,809	78	62	53 474	158,343	967,046	6,107	5,637
29	13	98 242	11 277,081	149 317,487	13,241	12,770	79	63	50 182	137,907	808,703	5,864	5,393
30	14	98 169	10 458,207	138 040,405	13,199	12,729	80	64	46 828	119,432	670,796	5,617	5,146
31	15	98 092	9 698,344	127 582,199	13,155	12,684	81	65	43 334	102,572	551,364	5,375	4,905
32	16	98 006	8 992,892	117 883,855	13,109	12,638	82	66	39 779	87,386	448,792	5,136	4,665
33	17	97 917	8 338,500	108 890,963	13,059	12,588	83	67	36 204	73,811	361,406	4,896	4,426
34	18	97 829	7 731,769	100 552,463	13,005	12,534	84	68	32 638	61,754	287,595	4,657	4,186
35	19	97 728	7 168,292	92 820,694	12,949	12,478	85	69	29 077	51,060	225,840	4,423	3,952
36	20	97 623	6 645,520	85 652,401	12,889	12,418	86	70	25 514	41,581	174,780	4,203	3,733
37	21	97 513	6 160,610	79 006,882	12,825	12,354	87	71	22 042	33,339	133,199	3,995	3,525
38	22	97 396	5 710,622	72 846,272	12,756	12,286	88	72	18 663	26,197	99,859	3,812	3,341
39	23	97 269	5 292,958	67 135,650	12,684	12,213	89	73	15 602	20,326	73,662	3,624	3,153
40	24	97 132	4 905,376	61 842,692	12,607	12,136	90	74	12 812	15,491	53,336	3,443	2,972
41	25	96 978	4 545,313	56 937,316	12,527	12,056	91	75	10 431	11,704	37,846	3,233	2,763
42	26	96 812	4 211,183	52 392,003	12,441	11,970	92	76	8 218	8,558	26,141	3,055	2,584
43	27	96 630	3 900,945	48 180,821	12,351	11,880	93	77	6 270	6,059	17,583	2,902	2,431
44	28	96 419	3 612,472	44 279,875	12,258	11,787	94	78	4 662	4,182	11,524	2,756	2,285
45	29	96 189	3 344,638	40 667,403	12,159	11,688	95	79	3 367	2,803	7,342	2,619	2,149
46	30	95 931	3 095,732	37 322,765	12,056	11,586	96	80	2 359	1,822	4,539	2,491	2,020
47	31	95 640	2 864,369	34 227,033	11,949	11,479	97	81	1 598	1,146	2,717	2,371	1,901
48	32	95 313	2 649,260	31 362,665	11,838	11,368	98	82	1 045	0,695	1,571	2,259	1,789
49	33	94 944	2 449,178	28 713,405	11,724	11,253	99	83	658	0,406	0,876	2,155	1,685
							100	84	398	0,228	0,469	2,058	1,587

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	2 264,165	26 302,168	11,617	11,146
1							51	34	94 136	2 091,580	24 038,002	11,493	11,022
2							52	35	93 646	1 931,038	21 946,423	11,365	10,894
3							53	36	93 114	1 781,961	20 015,385	11,232	10,762
4							54	37	92 536	1 643,537	18 233,424	11,094	10,623
5							55	38	91 895	1 514,752	16 589,887	10,952	10,482
6							56	39	91 207	1 395,281	15 075,135	10,804	10,334
7							57	40	90 464	1 284,374	13 679,855	10,651	10,180
8							58	41	89 680	1 181,658	12 395,480	10,490	10,019
9							59	42	88 813	1 086,066	11 213,822	10,325	9,855
10							60	43	87 877	997,332	10 127,756	10,155	9,684
11							61	44	86 854	914,817	9 130,424	9,981	9,510
12							62	45	85 780	838,524	8 215,607	9,798	9,327
13							63	46	84 611	767,606	7 377,082	9,611	9,140
14							64	47	83 370	701,948	6 609,477	9,416	8,945
15							65	48	82 029	640,983	5 907,528	9,216	8,746
16							66	49	80 601	584,523	5 266,545	9,010	8,539
17	0	99 357	27 932,092	377 829,313	13,527	13,056	67	50	79 092	532,321	4 682,023	8,795	8,325
18	1	99 005	25 831,288	349 897,221	13,545	13,075	68	51	77 484	483,994	4 149,702	8,574	8,103
19	2	98 922	23 953,218	324 065,933	13,529	13,058	69	52	75 772	439,258	3 665,708	8,345	7,875
20	3	98 852	22 214,660	300 112,715	13,510	13,039	70	53	73 929	397,746	3 226,451	8,112	7,641
21	4	98 779	20 601,583	277 898,055	13,489	13,018	71	54	71 966	359,335	2 828,705	7,872	7,401
22	5	98 711	19 106,727	257 296,471	13,466	12,996	72	55	69 883	323,839	2 469,370	7,625	7,155
23	6	98 647	17 720,881	238 189,745	13,441	12,971	73	56	67 606	290,754	2 145,531	7,379	6,909
24	7	98 584	16 435,917	220 468,864	13,414	12,943	74	57	65 191	260,200	1 854,777	7,128	6,658
25	8	98 519	15 243,690	204 032,947	13,385	12,914	75	58	62 578	231,808	1 594,577	6,879	6,408
26	9	98 455	14 138,013	188 789,257	13,353	12,883	76	59	59 819	205,648	1 362,770	6,627	6,156
27	10	98 389	13 112,280	174 651,244	13,320	12,849	77	60	56 904	181,556	1 157,122	6,373	5,903
28	11	98 318	12 160,488	161 538,964	13,284	12,813	78	61	53 780	159,248	975,566	6,126	5,655
29	12	98 250	11 277,946	149 378,476	13,245	12,775	79	62	50 499	138,778	816,318	5,882	5,412
30	13	98 179	10 459,235	138 100,531	13,204	12,733	80	63	47 142	120,234	677,540	5,635	5,165
31	14	98 104	9 699,544	127 641,295	13,160	12,689	81	64	43 648	103,315	557,306	5,394	4,924
32	15	98 019	8 994,111	117 941,751	13,113	12,643	82	65	40 090	88,068	453,990	5,155	4,684
33	16	97 933	8 339,841	108 947,639	13,064	12,593	83	66	36 504	74,423	365,922	4,917	4,446
34	17	97 846	7 733,127	100 607,799	13,010	12,539	84	67	32 935	62,317	291,500	4,678	4,207
35	18	97 750	7 169,858	92 874,672	12,953	12,483	85	68	29 365	51,565	229,183	4,445	3,974
36	19	97 644	6 646,949	85 704,813	12,894	12,423	86	69	25 797	42,043	177,618	4,225	3,754
37	20	97 534	6 161,910	79 057,864	12,830	12,359	87	70	22 309	33,742	135,575	4,018	3,547
38	21	97 417	5 711,856	72 895,954	12,762	12,292	88	71	18 915	26,551	101,833	3,835	3,365
39	22	97 291	5 294,175	67 184,098	12,690	12,220	89	72	15 848	20,645	75,282	3,646	3,176
40	23	97 154	4 906,492	61 889,923	12,614	12,143	90	73	13 038	15,764	54,636	3,466	2,995
41	24	97 000	4 546,346	56 983,431	12,534	12,063	91	74	10 636	11,935	38,872	3,257	2,786
42	25	96 834	4 212,122	52 437,085	12,449	11,978	92	75	8 405	8,753	26,937	3,077	2,607
43	26	96 656	3 901,988	48 224,964	12,359	11,888	93	76	6 433	6,217	18,184	2,925	2,454
44	27	96 444	3 613,405	44 322,976	12,266	11,796	94	77	4 801	4,307	11,967	2,779	2,308
45	28	96 214	3 345,507	40 709,571	12,168	11,698	95	78	3 483	2,899	7,661	2,642	2,171
46	29	95 957	3 096,590	37 364,064	12,066	11,596	96	79	2 451	1,893	4,761	2,515	2,044
47	30	95 667	2 865,155	34 267,473	11,960	11,489	97	80	1 670	1,198	2,868	2,395	1,924
48	31	95 344	2 650,124	31 402,318	11,849	11,379	98	81	1 099	0,732	1,670	2,283	1,812
49	32	94 977	2 450,027	28 752,195	11,735	11,265	99	82	698	0,431	0,939	2,179	1,708
							100	83	426	0,244	0,508	2,081	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	2 264,950	26 336,769	11,628	11,157
1							51	33	94 170	2 092,337	24 071,819	11,505	11,034
2							52	34	93 684	1 931,822	21 979,482	11,378	10,907
3							53	35	93 153	1 782,721	20 047,660	11,246	10,775
4							54	36	92 580	1 644,304	18 264,940	11,108	10,637
5							55	37	91 943	1 515,550	16 620,636	10,967	10,496
6							56	38	91 261	1 396,104	15 105,086	10,819	10,349
7							57	39	90 528	1 285,278	13 708,982	10,666	10,195
8							58	40	89 744	1 182,501	12 423,704	10,506	10,036
9							59	41	88 887	1 086,969	11 241,203	10,342	9,871
10							60	42	87 960	998,276	10 154,234	10,172	9,701
11							61	43	86 945	915,784	9 155,957	9,998	9,527
12							62	44	85 877	839,474	8 240,173	9,816	9,345
13							63	45	84 726	768,645	7 400,700	9,628	9,158
14							64	46	83 500	703,039	6 632,054	9,433	8,963
15							65	47	82 172	642,097	5 929,016	9,234	8,763
16							66	48	80 751	585,608	5 286,919	9,028	8,557
17							67	49	79 258	533,437	4 701,311	8,813	8,343
18	0	99 323	25 914,204	350 058,733	13,508	13,038	68	50	77 666	485,127	4 167,874	8,591	8,121
19	1	98 950	23 960,031	324 144,529	13,529	13,058	69	51	75 962	440,354	3 682,747	8,363	7,892
20	2	98 868	22 218,242	300 184,499	13,511	13,040	70	52	74 135	398,851	3 242,392	8,129	7,659
21	3	98 793	20 604,538	277 966,256	13,491	13,020	71	53	72 185	360,430	2 843,541	7,889	7,419
22	4	98 723	19 109,017	257 361,718	13,468	12,997	72	54	70 107	324,874	2 483,111	7,643	7,173
23	5	98 656	17 722,484	238 252,702	13,444	12,973	73	55	67 850	291,803	2 158,237	7,396	6,926
24	6	98 592	16 437,235	220 530,218	13,417	12,946	74	56	65 439	261,190	1 866,433	7,146	6,675
25	7	98 528	15 244,963	204 092,983	13,388	12,917	75	57	62 838	232,768	1 605,243	6,896	6,426
26	8	98 461	14 138,891	188 848,019	13,357	12,886	76	58	60 093	206,590	1 372,475	6,643	6,173
27	9	98 395	13 113,113	174 709,128	13,323	12,853	77	59	57 177	182,428	1 165,885	6,391	5,920
28	10	98 326	12 161,467	161 596,016	13,288	12,817	78	60	54 076	160,124	983,457	6,142	5,671
29	11	98 257	11 278,842	149 434,548	13,249	12,778	79	61	50 788	139,571	823,334	5,899	5,428
30	12	98 186	10 460,037	138 155,707	13,208	12,737	80	62	47 440	120,993	683,762	5,651	5,181
31	13	98 114	9 700,499	127 695,670	13,164	12,693	81	63	43 941	104,009	562,769	5,411	4,940
32	14	98 031	8 995,225	117 995,171	13,118	12,647	82	64	40 380	88,706	458,760	5,172	4,701
33	15	97 946	8 340,971	108 999,946	13,068	12,597	83	65	36 789	75,003	370,054	4,934	4,463
34	16	97 862	7 734,370	100 658,974	13,015	12,544	84	66	33 208	62,833	295,050	4,696	4,225
35	17	97 767	7 171,117	92 924,604	12,958	12,488	85	67	29 632	52,035	232,217	4,463	3,992
36	18	97 665	6 648,402	85 753,487	12,898	12,428	86	68	26 053	42,458	180,183	4,244	3,773
37	19	97 555	6 163,235	79 105,085	12,835	12,364	87	69	22 556	34,117	137,724	4,037	3,566
38	20	97 437	5 713,062	72 941,850	12,768	12,297	88	70	19 144	26,872	103,608	3,856	3,385
39	21	97 312	5 295,319	67 228,788	12,696	12,225	89	71	16 062	20,925	76,735	3,667	3,197
40	22	97 177	4 907,620	61 933,469	12,620	12,149	90	72	13 243	16,012	55,811	3,486	3,015
41	23	97 022	4 547,381	57 025,849	12,540	12,070	91	73	10 824	12,146	39,799	3,277	2,806
42	24	96 856	4 213,079	52 478,469	12,456	11,985	92	74	8 571	8,925	27,653	3,098	2,628
43	25	96 678	3 902,858	48 265,390	12,367	11,896	93	75	6 579	6,359	18,728	2,945	2,475
44	26	96 470	3 614,370	44 362,532	12,274	11,803	94	76	4 926	4,419	12,369	2,799	2,329
45	27	96 239	3 346,371	40 748,162	12,177	11,706	95	77	3 587	2,986	7,951	2,663	2,192
46	28	95 982	3 097,395	37 401,790	12,075	11,605	96	78	2 535	1,959	4,965	2,535	2,064
47	29	95 693	2 865,950	34 304,396	11,970	11,499	97	79	1 735	1,244	3,006	2,416	1,945
48	30	95 371	2 650,851	31 438,446	11,860	11,389	98	80	1 149	0,765	1,762	2,304	1,833
49	31	95 008	2 450,826	28 787,595	11,746	11,275	99	81	734	0,453	0,997	2,200	1,729
							100	82	451	0,259	0,544	2,102	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	2 265,688	26 368,341	11,638	11,167
1							51	32	94 203	2 093,062	24 102,652	11,516	11,045
2							52	33	93 718	1 932,521	22 009,591	11,389	10,918
3							53	34	93 191	1 783,444	20 077,070	11,257	10,787
4							54	35	92 619	1 645,005	18 293,625	11,121	10,650
5							55	36	91 986	1 516,257	16 648,621	10,980	10,509
6							56	37	91 309	1 396,840	15 132,364	10,833	10,363
7							57	38	90 581	1 286,036	13 735,524	10,681	10,210
8							58	39	89 807	1 183,333	12 449,488	10,521	10,050
9							59	40	88 950	1 087,745	11 266,155	10,357	9,887
10							60	41	88 034	999,107	10 178,410	10,188	9,717
11							61	42	87 028	916,651	9 179,303	10,014	9,543
12							62	43	85 968	840,361	8 262,652	9,832	9,362
13							63	44	84 822	769,516	7 422,292	9,645	9,175
14							64	45	83 613	703,991	6 652,776	9,450	8,979
15							65	46	82 300	643,094	5 948,785	9,250	8,780
16							66	47	80 891	586,626	5 305,691	9,044	8,574
17							67	48	79 405	534,427	4 719,065	8,830	8,359
18							68	49	77 829	486,144	4 184,638	8,608	8,137
19	0	99 268	24 036,940	324 293,061	13,491	13,021	69	50	76 140	441,386	3 698,494	8,379	7,909
20	1	98 896	22 224,561	300 256,121	13,510	13,039	70	51	74 320	399,847	3 257,108	8,146	7,675
21	2	98 809	20 607,860	278 031,560	13,492	13,021	71	52	72 386	361,432	2 857,261	7,905	7,435
22	3	98 737	19 111,757	257 423,700	13,469	12,999	72	53	70 320	325,865	2 495,829	7,659	7,188
23	4	98 667	17 724,608	238 311,943	13,445	12,975	73	54	68 067	292,736	2 169,964	7,413	6,942
24	5	98 601	16 438,722	220 587,335	13,419	12,948	74	55	65 675	262,133	1 877,228	7,161	6,691
25	6	98 536	15 246,186	204 148,613	13,390	12,919	75	56	63 077	233,654	1 615,095	6,912	6,442
26	7	98 469	14 140,073	188 902,427	13,359	12,889	76	57	60 342	207,446	1 381,440	6,659	6,189
27	8	98 401	13 113,927	174 762,354	13,326	12,856	77	58	57 439	183,263	1 173,995	6,406	5,935
28	9	98 333	12 162,239	161 648,427	13,291	12,820	78	59	54 335	160,892	990,731	6,158	5,687
29	10	98 265	11 279,750	149 486,188	13,253	12,782	79	60	51 067	140,339	829,839	5,913	5,442
30	11	98 194	10 460,868	138 206,438	13,212	12,741	80	61	47 711	121,685	689,500	5,666	5,196
31	12	98 121	9 701,242	127 745,570	13,168	12,697	81	62	44 219	104,666	567,815	5,425	4,954
32	13	98 041	8 996,110	118 044,327	13,122	12,651	82	63	40 651	89,302	463,149	5,186	4,716
33	14	97 958	8 342,004	109 048,217	13,072	12,602	83	64	37 055	75,547	373,847	4,949	4,478
34	15	97 875	7 735,419	100 706,213	13,019	12,548	84	65	33 467	63,323	298,301	4,711	4,240
35	16	97 783	7 172,270	92 970,794	12,963	12,492	85	66	29 878	52,466	234,977	4,479	4,008
36	17	97 682	6 649,569	85 798,524	12,903	12,432	86	67	26 290	42,845	182,511	4,260	3,789
37	18	97 576	6 164,582	79 148,955	12,839	12,369	87	68	22 780	34,454	139,666	4,054	3,583
38	19	97 458	5 714,291	72 984,373	12,772	12,302	88	69	19 356	27,170	105,212	3,872	3,402
39	20	97 332	5 296,437	67 270,083	12,701	12,230	89	70	16 256	21,178	78,042	3,685	3,214
40	21	97 198	4 908,681	61 973,646	12,625	12,155	90	71	13 422	16,228	56,864	3,504	3,033
41	22	97 044	4 548,426	57 064,965	12,546	12,075	91	72	10 994	12,336	40,636	3,294	2,823
42	23	96 878	4 214,038	52 516,540	12,462	11,992	92	73	8 722	9,083	28,299	3,116	2,645
43	24	96 700	3 903,745	48 302,502	12,373	11,903	93	74	6 709	6,484	19,217	2,964	2,493
44	25	96 492	3 615,176	44 398,757	12,281	11,811	94	75	5 038	4,519	12,733	2,817	2,347
45	26	96 265	3 347,265	40 783,581	12,184	11,713	95	76	3 680	3,064	8,213	2,681	2,210
46	27	96 007	3 098,195	37 436,315	12,083	11,613	96	77	2 611	2,017	5,150	2,553	2,083
47	28	95 718	2 866,694	34 338,121	11,978	11,508	97	78	1 795	1,287	3,133	2,434	1,963
48	29	95 397	2 651,587	31 471,426	11,869	11,398	98	79	1 194	0,795	1,846	2,323	1,852
49	30	95 034	2 451,499	28 819,839	11,756	11,285	99	80	767	0,474	1,051	2,218	1,748
							100	81	475	0,272	0,577	2,121	1,651

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	2 266,310	26 397,091	11,648	11,177
1							51	31	94 233	2 093,744	24 130,781	11,525	11,055
2							52	32	93 750	1 933,191	22 037,037	11,399	10,929
3							53	33	93 225	1 784,090	20 103,846	11,268	10,798
4							54	34	92 657	1 645,673	18 319,756	11,132	10,661
5							55	35	92 026	1 516,903	16 674,084	10,992	10,522
6							56	36	91 352	1 397,491	15 157,181	10,846	10,375
7							57	37	90 629	1 286,714	13 759,689	10,694	10,223
8							58	38	89 860	1 184,031	12 472,975	10,534	10,064
9							59	39	89 013	1 088,510	11 288,944	10,371	9,900
10							60	40	88 096	999,819	10 200,434	10,202	9,732
11							61	41	87 100	917,413	9 200,615	10,029	9,558
12							62	42	86 049	841,156	8 283,201	9,847	9,377
13							63	43	84 911	770,329	7 442,045	9,661	9,190
14							64	44	83 707	704,788	6 671,716	9,466	8,996
15							65	45	82 411	643,965	5 966,928	9,266	8,795
16							66	46	81 017	587,537	5 322,963	9,060	8,589
17							67	47	79 543	535,356	4 735,426	8,845	8,375
18							68	48	77 973	487,047	4 200,069	8,624	8,153
19							69	49	76 299	442,311	3 713,023	8,395	7,924
20	0	99 213	22 295,900	300 392,720	13,473	13,002	70	50	74 494	400,784	3 270,712	8,161	7,690
21	1	98 837	20 613,721	278 096,820	13,491	13,020	71	51	72 567	362,334	2 869,928	7,921	7,450
22	2	98 753	19 114,839	257 483,099	13,470	13,000	72	52	70 516	326,770	2 507,594	7,674	7,203
23	3	98 682	17 727,150	238 368,260	13,447	12,976	73	53	68 275	293,629	2 180,824	7,427	6,956
24	4	98 613	16 440,692	220 641,111	13,420	12,950	74	54	65 885	262,971	1 887,196	7,176	6,706
25	5	98 545	15 247,565	204 200,418	13,392	12,922	75	55	63 305	234,498	1 624,224	6,926	6,456
26	6	98 477	14 141,206	188 952,853	13,362	12,891	76	56	60 571	208,236	1 389,726	6,674	6,203
27	7	98 409	13 115,023	174 811,647	13,329	12,858	77	57	57 677	184,023	1 181,491	6,420	5,950
28	8	98 339	12 162,995	161 696,624	13,294	12,823	78	58	54 584	161,629	997,468	6,171	5,701
29	9	98 272	11 280,466	149 533,629	13,256	12,785	79	59	51 312	141,013	835,838	5,927	5,457
30	10	98 202	10 461,711	138 253,163	13,215	12,744	80	60	47 973	122,354	694,826	5,679	5,208
31	11	98 129	9 702,013	127 791,452	13,172	12,701	81	61	44 471	105,264	572,472	5,438	4,968
32	12	98 049	8 996,800	118 089,439	13,126	12,655	82	62	40 908	89,865	467,207	5,199	4,728
33	13	97 968	8 342,825	109 092,639	13,076	12,606	83	63	37 304	76,054	377,342	4,961	4,491
34	14	97 887	7 736,377	100 749,815	13,023	12,552	84	64	33 709	63,782	301,288	4,724	4,253
35	15	97 796	7 173,243	93 013,438	12,967	12,496	85	65	30 111	52,875	237,506	4,492	4,021
36	16	97 698	6 650,638	85 840,195	12,907	12,436	86	66	26 508	43,200	184,630	4,274	3,803
37	17	97 593	6 165,664	79 189,557	12,844	12,373	87	67	22 987	34,768	141,430	4,068	3,597
38	18	97 480	5 715,539	73 023,893	12,776	12,306	88	68	19 548	27,439	106,663	3,887	3,417
39	19	97 353	5 297,576	67 308,354	12,706	12,235	89	69	16 436	21,413	79,223	3,700	3,229
40	20	97 218	4 909,717	62 010,778	12,630	12,160	90	70	13 585	16,425	57,811	3,520	3,049
41	21	97 065	4 549,409	57 101,061	12,551	12,081	91	71	11 143	12,503	41,386	3,310	2,839
42	22	96 900	4 215,006	52 551,652	12,468	11,997	92	72	8 859	9,226	28,883	3,131	2,660
43	23	96 722	3 904,633	48 336,646	12,379	11,909	93	73	6 827	6,598	19,657	2,979	2,508
44	24	96 514	3 615,998	44 432,013	12,288	11,817	94	74	5 138	4,608	13,059	2,834	2,363
45	25	96 286	3 348,012	40 816,015	12,191	11,720	95	75	3 764	3,133	8,451	2,697	2,226
46	26	96 033	3 099,023	37 468,003	12,090	11,620	96	76	2 679	2,069	5,317	2,570	2,099
47	27	95 743	2 867,435	34 368,981	11,986	11,515	97	77	1 849	1,326	3,248	2,450	1,980
48	28	95 422	2 652,276	31 501,546	11,877	11,407	98	78	1 235	0,822	1,922	2,339	1,868
49	29	95 060	2 452,179	28 849,270	11,765	11,294	99	79	797	0,492	1,101	2,235	1,765
							100	80	496	0,284	0,608	2,138	1,667



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 7,75%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	2 266,939	26 423,328	11,656	11,185
1							51	30	94 259	2 094,319	24 156,389	11,534	11,064
2							52	31	93 781	1 933,821	22 062,070	11,409	10,938
3							53	32	93 257	1 784,708	20 128,249	11,278	10,808
4							54	33	92 690	1 646,268	18 343,541	11,142	10,672
5							55	34	92 063	1 517,519	16 697,272	11,003	10,532
6							56	35	91 391	1 398,087	15 179,753	10,858	10,387
7							57	36	90 671	1 287,314	13 781,666	10,706	10,235
8							58	37	89 907	1 184,655	12 494,352	10,547	10,076
9							59	38	89 065	1 089,152	11 309,697	10,384	9,913
10							60	39	88 158	1 000,523	10 220,544	10,215	9,745
11							61	40	87 162	918,068	9 220,021	10,043	9,572
12							62	41	86 121	841,856	8 301,954	9,861	9,391
13							63	42	84 992	771,058	7 460,098	9,675	9,204
14							64	43	83 796	705,533	6 689,040	9,481	9,010
15							65	44	82 504	644,694	5 983,507	9,281	8,810
16							66	45	81 127	588,333	5 338,812	9,074	8,604
17							67	46	79 666	536,188	4 750,480	8,860	8,389
18							68	47	78 109	487,893	4 214,292	8,638	8,167
19							69	48	76 441	443,132	3 726,399	8,409	7,939
20							70	49	74 650	401,624	3 283,266	8,175	7,704
21	0	99 154	20 679,889	278 222,443	13,454	12,983	71	50	72 736	363,183	2 881,643	7,934	7,464
22	1	98 781	19 120,275	257 542,554	13,470	12,999	72	51	70 692	327,586	2 518,460	7,688	7,217
23	2	98 698	17 730,008	238 422,279	13,447	12,977	73	52	68 464	294,444	2 190,874	7,441	6,970
24	3	98 627	16 443,050	220 692,271	13,422	12,951	74	53	66 086	263,773	1 896,429	7,190	6,719
25	4	98 556	15 249,393	204 249,221	13,394	12,923	75	54	63 507	235,248	1 632,657	6,940	6,469
26	5	98 486	14 142,486	188 999,828	13,364	12,893	76	55	60 790	208,987	1 397,409	6,687	6,216
27	6	98 417	13 116,074	174 857,342	13,332	12,861	77	56	57 897	184,723	1 188,421	6,434	5,963
28	7	98 347	12 164,011	161 741,268	13,297	12,826	78	57	54 810	162,299	1 003,698	6,184	5,714
29	8	98 278	11 281,167	149 577,257	13,259	12,788	79	58	51 548	141,659	841,399	5,940	5,469
30	9	98 208	10 462,375	138 296,090	13,218	12,748	80	59	48 204	122,942	699,740	5,692	5,221
31	10	98 137	9 702,795	127 833,715	13,175	12,704	81	60	44 716	105,843	576,799	5,450	4,979
32	11	98 056	8 997,514	118 130,920	13,129	12,659	82	61	41 142	90,379	470,956	5,211	4,740
33	12	97 975	8 343,464	109 133,406	13,080	12,609	83	62	37 540	76,534	380,577	4,973	4,502
34	13	97 897	7 737,138	100 789,942	13,027	12,556	84	63	33 936	64,210	304,042	4,735	4,264
35	14	97 808	7 174,131	93 052,804	12,971	12,500	85	64	30 329	53,259	239,832	4,503	4,032
36	15	97 711	6 651,540	85 878,673	12,911	12,440	86	65	26 714	43,537	186,573	4,285	3,815
37	16	97 609	6 166,656	79 227,134	12,848	12,377	87	66	23 177	35,056	143,036	4,080	3,610
38	17	97 497	5 716,542	73 060,478	12,781	12,310	88	67	19 725	27,689	107,980	3,900	3,429
39	18	97 375	5 298,734	67 343,936	12,709	12,239	89	68	16 599	21,624	80,291	3,713	3,242
40	19	97 239	4 910,773	62 045,202	12,635	12,164	90	69	13 735	16,607	58,667	3,533	3,062
41	20	97 086	4 550,369	57 134,429	12,556	12,085	91	70	11 278	12,655	42,060	3,324	2,853
42	21	96 921	4 215,918	52 584,060	12,473	12,002	92	71	8 979	9,350	29,406	3,145	2,674
43	22	96 744	3 905,531	48 368,142	12,385	11,914	93	72	6 934	6,702	20,055	2,992	2,522
44	23	96 536	3 616,821	44 462,612	12,293	11,823	94	73	5 228	4,690	13,353	2,847	2,377
45	24	96 308	3 348,773	40 845,791	12,197	11,727	95	74	3 838	3,195	8,664	2,712	2,241
46	25	96 054	3 099,713	37 497,018	12,097	11,626	96	75	2 740	2,117	5,469	2,584	2,113
47	26	95 768	2 868,201	34 397,305	11,993	11,522	97	76	1 897	1,360	3,352	2,465	1,994
48	27	95 447	2 652,960	31 529,104	11,884	11,414	98	77	1 272	0,846	1,992	2,354	1,883
49	28	95 085	2 452,816	28 876,144	11,773	11,302	99	78	825	0,509	1,146	2,250	1,779
							100	79	516	0,296	0,636	2,153	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	2 267,528	26 447,279	11,663	11,193
1							51	29	94 285	2 094,900	24 179,751	11,542	11,072
2							52	30	93 807	1 934,352	22 084,851	11,417	10,947
3							53	31	93 288	1 785,290	20 150,499	11,287	10,816
4							54	32	92 722	1 646,838	18 365,209	11,152	10,681
5							55	33	92 096	1 518,068	16 718,370	11,013	10,542
6							56	34	91 428	1 398,655	15 200,302	10,868	10,397
7							57	35	90 710	1 287,863	13 801,647	10,717	10,246
8							58	36	89 949	1 185,208	12 513,784	10,558	10,088
9							59	37	89 112	1 089,726	11 328,576	10,396	9,925
10							60	38	88 210	1 001,113	10 238,850	10,227	9,757
11							61	39	87 224	918,714	9 237,737	10,055	9,584
12							62	40	86 182	842,456	8 319,023	9,875	9,404
13							63	41	85 062	771,699	7 476,566	9,688	9,218
14							64	42	83 875	706,201	6 704,867	9,494	9,024
15							65	43	82 592	645,376	5 998,666	9,295	8,824
16							66	44	81 218	588,999	5 353,290	9,089	8,618
17							67	45	79 774	536,914	4 764,292	8,873	8,403
18							68	46	78 230	488,651	4 227,378	8,651	8,180
19							69	47	76 574	443,903	3 738,727	8,422	7,952
20							70	48	74 788	402,369	3 294,824	8,189	7,718
21							71	49	72 889	363,944	2 892,455	7,948	7,477
22	0	99 098	19 181,649	257 658,087	13,433	12,962	72	50	70 857	328,353	2 528,510	7,701	7,230
23	1	98 726	17 735,051	238 476,437	13,447	12,976	73	51	68 635	295,180	2 200,157	7,454	6,983
24	2	98 643	16 445,701	220 741,387	13,422	12,952	74	52	66 270	264,506	1 904,978	7,202	6,731
25	3	98 570	15 251,580	204 295,685	13,395	12,924	75	53	63 701	235,965	1 640,472	6,952	6,482
26	4	98 498	14 144,181	189 044,106	13,366	12,895	76	54	60 984	209,655	1 404,507	6,699	6,228
27	5	98 426	13 117,261	174 899,925	13,334	12,863	77	55	58 106	185,390	1 194,852	6,445	5,974
28	6	98 355	12 164,986	161 782,664	13,299	12,828	78	56	55 019	162,917	1 009,461	6,196	5,726
29	7	98 286	11 282,110	149 617,677	13,261	12,791	79	57	51 761	142,245	846,544	5,951	5,481
30	8	98 215	10 463,025	138 335,568	13,221	12,751	80	58	48 425	123,505	704,299	5,703	5,232
31	9	98 143	9 703,411	127 872,543	13,178	12,707	81	59	44 931	106,351	580,794	5,461	4,990
32	10	98 064	8 998,239	118 169,132	13,132	12,662	82	60	41 368	90,876	474,443	5,221	4,750
33	11	97 983	8 344,127	109 170,893	13,084	12,613	83	61	37 754	76,972	383,567	4,983	4,513
34	12	97 904	7 737,731	100 826,766	13,031	12,560	84	62	34 150	64,616	306,595	4,745	4,274
35	13	97 818	7 174,837	93 089,035	12,974	12,504	85	63	30 533	53,616	241,979	4,513	4,043
36	14	97 723	6 652,363	85 914,199	12,915	12,444	86	64	26 908	43,853	188,363	4,295	3,825
37	15	97 622	6 167,492	79 261,835	12,852	12,381	87	65	23 358	35,329	144,510	4,090	3,620
38	16	97 512	5 717,462	73 094,344	12,784	12,314	88	66	19 889	27,918	109,181	3,911	3,440
39	17	97 392	5 299,664	67 376,882	12,713	12,243	89	67	16 750	21,821	81,262	3,724	3,253
40	18	97 260	4 911,846	62 077,218	12,638	12,168	90	68	13 871	16,771	59,441	3,544	3,074
41	19	97 107	4 551,348	57 165,373	12,560	12,089	91	69	11 403	12,795	42,670	3,335	2,864
42	20	96 941	4 216,807	52 614,025	12,477	12,007	92	70	9 087	9,463	29,875	3,157	2,686
43	21	96 765	3 906,375	48 397,217	12,389	11,919	93	71	7 028	6,793	20,412	3,005	2,534
44	22	96 558	3 617,652	44 490,842	12,298	11,828	94	72	5 310	4,763	13,619	2,859	2,389
45	23	96 330	3 349,535	40 873,190	12,203	11,732	95	73	3 906	3,252	8,856	2,724	2,253
46	24	96 076	3 100,418	37 523,656	12,103	11,632	96	74	2 794	2,158	5,604	2,597	2,126
47	25	95 790	2 868,840	34 423,237	11,999	11,528	97	75	1 940	1,391	3,446	2,477	2,007
48	26	95 472	2 653,669	31 554,397	11,891	11,420	98	76	1 305	0,868	2,055	2,367	1,896
49	27	95 109	2 453,449	28 900,728	11,780	11,309	99	77	849	0,524	1,187	2,263	1,792
							100	78	533	0,306	0,662	2,166	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	2 268,113	26 469,186	11,670	11,199
1							51	28	94 310	2 095,444	24 201,072	11,549	11,079
2							52	29	93 833	1 934,889	22 105,628	11,425	10,954
3							53	30	93 313	1 785,780	20 170,739	11,295	10,825
4							54	31	92 753	1 647,376	18 384,959	11,160	10,689
5							55	32	92 128	1 518,594	16 737,584	11,022	10,551
6							56	33	91 461	1 399,161	15 218,989	10,877	10,407
7							57	34	90 747	1 288,386	13 819,829	10,726	10,256
8							58	35	89 987	1 185,713	12 531,443	10,569	10,098
9							59	36	89 154	1 090,235	11 345,729	10,407	9,936
10							60	37	88 257	1 001,641	10 255,495	10,239	9,768
11							61	38	87 275	919,256	9 253,854	10,067	9,596
12							62	39	86 243	843,049	8 334,598	9,886	9,416
13							63	40	85 123	772,250	7 491,549	9,701	9,230
14							64	41	83 945	706,788	6 719,299	9,507	9,036
15							65	42	82 670	645,987	6 012,511	9,307	8,837
16							66	43	81 304	589,621	5 366,524	9,102	8,631
17							67	44	79 865	537,522	4 776,903	8,887	8,416
18							68	45	78 336	489,313	4 239,381	8,664	8,193
19							69	46	76 693	444,592	3 750,068	8,435	7,964
20							70	47	74 918	403,069	3 305,476	8,201	7,730
21							71	48	73 024	364,620	2 902,407	7,960	7,489
22							72	49	71 006	329,041	2 537,787	7,713	7,242
23	0	99 043	17 791,978	238 582,690	13,410	12,939	73	50	68 796	295,871	2 208,746	7,465	6,995
24	1	98 671	16 450,379	220 790,712	13,422	12,951	74	51	66 435	265,166	1 912,875	7,214	6,743
25	2	98 586	15 254,039	204 340,333	13,396	12,925	75	52	63 878	236,620	1 647,709	6,964	6,493
26	3	98 512	14 146,209	189 086,294	13,367	12,896	76	53	61 170	210,295	1 411,088	6,710	6,239
27	4	98 438	13 118,833	174 940,085	13,335	12,864	77	54	58 291	185,983	1 200,794	6,456	5,986
28	5	98 364	12 166,087	161 821,252	13,301	12,830	78	55	55 218	163,505	1 014,811	6,207	5,736
29	6	98 294	11 283,014	149 655,165	13,264	12,793	79	56	51 958	142,787	851,306	5,962	5,491
30	7	98 223	10 463,899	138 372,150	13,224	12,753	80	57	48 625	124,016	708,519	5,713	5,242
31	8	98 149	9 704,013	127 908,251	13,181	12,710	81	58	45 136	106,838	584,502	5,471	5,000
32	9	98 070	8 998,810	118 204,238	13,136	12,665	82	59	41 567	91,312	477,664	5,231	4,760
33	10	97 991	8 344,799	109 205,428	13,087	12,616	83	60	37 962	77,395	386,351	4,992	4,521
34	11	97 912	7 738,345	100 860,628	13,034	12,563	84	61	34 345	64,985	308,956	4,754	4,284
35	12	97 825	7 175,387	93 122,283	12,978	12,507	85	62	30 725	53,955	243,971	4,522	4,051
36	13	97 733	6 653,018	85 946,896	12,918	12,448	86	63	27 089	44,147	190,016	4,304	3,834
37	14	97 634	6 168,255	79 293,879	12,855	12,384	87	64	23 528	35,585	145,869	4,099	3,628
38	15	97 526	5 718,237	73 125,623	12,788	12,317	88	65	20 044	28,136	110,284	3,920	3,449
39	16	97 407	5 300,516	67 407,387	12,717	12,246	89	66	16 889	22,002	82,147	3,734	3,263
40	17	97 277	4 912,708	62 106,871	12,642	12,171	90	67	13 997	16,924	60,145	3,554	3,083
41	18	97 128	4 552,342	57 194,163	12,564	12,093	91	68	11 515	12,921	43,222	3,345	2,874
42	19	96 962	4 217,714	52 641,820	12,481	12,010	92	69	9 188	9,568	30,300	3,167	2,696
43	20	96 785	3 907,199	48 424,106	12,394	11,923	93	70	7 113	6,875	20,732	3,016	2,545
44	21	96 579	3 618,434	44 516,906	12,303	11,832	94	71	5 382	4,828	13,857	2,870	2,400
45	22	96 352	3 350,305	40 898,472	12,207	11,737	95	72	3 967	3,303	9,029	2,734	2,263
46	23	96 098	3 101,124	37 548,168	12,108	11,637	96	73	2 843	2,196	5,727	2,607	2,137
47	24	95 811	2 869,493	34 447,044	12,005	11,534	97	74	1 978	1,418	3,530	2,489	2,018
48	25	95 493	2 654,261	31 577,552	11,897	11,426	98	75	1 335	0,888	2,112	2,378	1,907
49	26	95 135	2 454,105	28 923,291	11,786	11,315	99	76	871	0,538	1,224	2,274	1,804
							100	77	549	0,315	0,686	2,178	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	2 268,720	26 489,291	11,676	11,205
1							51	27	94 334	2 095,985	24 220,571	11,556	11,085
2							52	28	93 857	1 935,391	22 124,586	11,432	10,961
3							53	29	93 339	1 786,276	20 189,194	11,302	10,832
4							54	30	92 778	1 647,828	18 402,919	11,168	10,697
5							55	31	92 158	1 519,090	16 755,091	11,030	10,559
6							56	32	91 493	1 399,646	15 236,001	10,886	10,415
7							57	33	90 780	1 288,852	13 836,356	10,735	10,265
8							58	34	90 024	1 186,195	12 547,503	10,578	10,107
9							59	35	89 192	1 090,699	11 361,309	10,417	9,946
10							60	36	88 298	1 002,108	10 270,609	10,249	9,778
11							61	37	87 321	919,740	9 268,501	10,077	9,607
12							62	38	86 294	843,547	8 348,761	9,897	9,427
13							63	39	85 183	772,793	7 505,214	9,712	9,241
14							64	40	84 005	707,292	6 732,421	9,519	9,048
15							65	41	82 739	646,524	6 025,129	9,319	8,849
16							66	42	81 381	590,179	5 378,605	9,114	8,643
17							67	43	79 949	538,090	4 788,426	8,899	8,428
18							68	44	78 425	489,867	4 250,336	8,677	8,206
19							69	45	76 797	445,194	3 760,469	8,447	7,976
20							70	46	75 035	403,695	3 315,274	8,212	7,742
21							71	47	73 151	365,254	2 911,579	7,971	7,501
22							72	48	71 138	329,652	2 546,326	7,724	7,254
23							73	49	68 940	296,491	2 216,673	7,476	7,006
24	0	98 988	16 503,183	220 888,431	13,385	12,914	74	50	66 591	265,787	1 920,182	7,225	6,754
25	1	98 614	15 258,377	204 385,248	13,395	12,924	75	51	64 037	237,211	1 654,395	6,974	6,504
26	2	98 528	14 148,490	189 126,871	13,367	12,897	76	52	61 340	210,879	1 417,184	6,720	6,250
27	3	98 452	13 120,715	174 978,380	13,336	12,865	77	53	58 469	186,550	1 206,305	6,466	5,996
28	4	98 375	12 167,545	161 857,666	13,302	12,832	78	54	55 394	164,028	1 019,755	6,217	5,746
29	5	98 303	11 284,035	149 690,121	13,266	12,795	79	55	52 146	143,303	855,727	5,971	5,501
30	6	98 231	10 464,738	138 406,086	13,226	12,755	80	56	48 810	124,489	712,425	5,723	5,252
31	7	98 157	9 704,824	127 941,348	13,183	12,713	81	57	45 323	107,281	587,936	5,480	5,010
32	8	98 077	8 999,369	118 236,524	13,138	12,668	82	58	41 757	91,731	480,655	5,240	4,769
33	9	97 997	8 345,329	109 237,154	13,090	12,619	83	59	38 144	77,767	388,924	5,001	4,530
34	10	97 920	7 738,969	100 891,825	13,037	12,566	84	60	34 534	65,343	311,157	4,762	4,291
35	11	97 833	7 175,956	93 152,856	12,981	12,511	85	61	30 901	54,263	245,815	4,530	4,059
36	12	97 740	6 653,528	85 976,900	12,922	12,451	86	62	27 260	44,426	191,552	4,312	3,841
37	13	97 644	6 168,862	79 323,372	12,859	12,388	87	63	23 685	35,824	147,126	4,107	3,636
38	14	97 538	5 718,945	73 154,510	12,792	12,321	88	64	20 189	28,340	111,301	3,927	3,457
39	15	97 421	5 301,235	67 435,565	12,721	12,250	89	65	17 021	22,174	82,961	3,741	3,271
40	16	97 293	4 913,498	62 134,331	12,646	12,175	90	66	14 113	17,064	60,788	3,562	3,092
41	17	97 145	4 553,142	57 220,833	12,567	12,097	91	67	11 620	13,039	43,724	3,353	2,883
42	18	96 983	4 218,636	52 667,691	12,485	12,014	92	68	9 279	9,663	30,685	3,175	2,705
43	19	96 806	3 908,040	48 449,055	12,397	11,927	93	69	7 192	6,951	21,022	3,024	2,554
44	20	96 599	3 619,198	44 541,015	12,307	11,836	94	70	5 447	4,886	14,071	2,880	2,409
45	21	96 373	3 351,029	40 921,818	12,212	11,741	95	71	4 021	3,347	9,184	2,744	2,273
46	22	96 120	3 101,836	37 570,789	12,112	11,642	96	72	2 888	2,231	5,837	2,617	2,146
47	23	95 833	2 870,145	34 468,952	12,009	11,539	97	73	2 013	1,443	3,606	2,498	2,028
48	24	95 515	2 654,864	31 598,807	11,902	11,432	98	74	1 361	0,906	2,163	2,388	1,917
49	25	95 156	2 454,652	28 943,942	11,791	11,321	99	75	891	0,550	1,257	2,284	1,814
							100	76	564	0,323	0,707	2,188	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,75%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	2 269,225	26 507,689	11,681	11,211
1							51	26	94 359	2 096,546	24 238,464	11,561	11,090
2							52	27	93 881	1 935,891	22 141,918	11,438	10,967
3							53	28	93 363	1 786,740	20 206,027	11,309	10,838
4							54	29	92 804	1 648,285	18 419,288	11,175	10,704
5							55	30	92 183	1 519,507	16 771,003	11,037	10,566
6							56	31	91 522	1 400,102	15 251,496	10,893	10,422
7							57	32	90 811	1 289,299	13 851,394	10,743	10,273
8							58	33	90 057	1 186,624	12 562,095	10,586	10,116
9							59	34	89 228	1 091,142	11 375,471	10,425	9,955
10							60	35	88 336	1 002,535	10 284,329	10,258	9,788
11							61	36	87 362	920,169	9 281,794	10,087	9,616
12							62	37	86 339	843,991	8 361,624	9,907	9,437
13							63	38	85 233	773,249	7 517,633	9,722	9,251
14							64	39	84 064	707,790	6 744,384	9,529	9,058
15							65	40	82 798	646,985	6 036,594	9,330	8,860
16							66	41	81 449	590,670	5 389,609	9,125	8,654
17							67	42	80 025	538,599	4 798,939	8,910	8,439
18							68	43	78 508	490,385	4 260,339	8,688	8,217
19							69	44	76 884	445,698	3 769,955	8,459	7,988
20							70	45	75 136	404,242	3 324,257	8,223	7,753
21							71	46	73 265	365,821	2 920,015	7,982	7,511
22							72	47	71 261	330,225	2 554,194	7,735	7,264
23							73	48	69 068	297,042	2 223,968	7,487	7,016
24							74	49	66 730	266,345	1 926,927	7,235	6,764
25	0	98 931	15 307,355	204 475,117	13,358	12,887	75	50	64 187	237,767	1 660,582	6,984	6,513
26	1	98 556	14 152,514	189 167,762	13,366	12,896	76	51	61 494	211,405	1 422,816	6,730	6,260
27	2	98 468	13 122,830	175 015,248	13,337	12,866	77	52	58 631	187,068	1 211,410	6,476	6,005
28	3	98 390	12 169,290	161 892,418	13,303	12,833	78	53	55 563	164,528	1 024,342	6,226	5,755
29	4	98 314	11 285,388	149 723,128	13,267	12,796	79	54	52 312	143,761	859,814	5,981	5,510
30	5	98 239	10 465,685	138 437,740	13,228	12,757	80	55	48 987	124,938	716,053	5,731	5,261
31	6	98 165	9 705,602	127 972,056	13,185	12,715	81	56	45 496	107,689	591,115	5,489	5,018
32	7	98 085	9 000,121	118 266,453	13,141	12,670	82	57	41 930	92,111	483,426	5,248	4,778
33	8	98 003	8 345,848	109 266,332	13,092	12,622	83	58	38 319	78,123	391,315	5,009	4,538
34	9	97 926	7 739,460	100 920,485	13,040	12,569	84	59	34 700	65,656	313,192	4,770	4,300
35	10	97 841	7 176,535	93 181,024	12,984	12,513	85	60	31 071	54,562	247,536	4,537	4,066
36	11	97 748	6 654,056	86 004,490	12,925	12,454	86	61	27 416	44,680	192,974	4,319	3,848
37	12	97 651	6 169,335	79 350,433	12,862	12,391	87	62	23 835	36,051	148,294	4,114	3,643
38	13	97 547	5 719,507	73 181,099	12,795	12,324	88	63	20 325	28,530	112,244	3,934	3,464
39	14	97 433	5 301,891	67 461,591	12,724	12,253	89	64	17 144	22,334	83,713	3,748	3,278
40	15	97 306	4 914,164	62 159,700	12,649	12,178	90	65	14 224	17,197	61,379	3,569	3,099
41	16	97 160	4 553,874	57 245,536	12,571	12,100	91	66	11 717	13,147	44,182	3,361	2,890
42	17	97 001	4 219,377	52 691,662	12,488	12,017	92	67	9 364	9,751	31,035	3,183	2,712
43	18	96 827	3 908,894	48 472,286	12,401	11,930	93	68	7 263	7,020	21,284	3,032	2,561
44	19	96 620	3 619,976	44 563,392	12,310	11,840	94	69	5 508	4,940	14,264	2,887	2,417
45	20	96 393	3 351,736	40 943,416	12,216	11,745	95	70	4 070	3,388	9,324	2,752	2,282
46	21	96 141	3 102,507	37 591,680	12,117	11,646	96	71	2 927	2,261	5,936	2,625	2,155
47	22	95 855	2 870,805	34 489,173	12,014	11,543	97	72	2 045	1,466	3,675	2,507	2,036
48	23	95 537	2 655,468	31 618,368	11,907	11,436	98	73	1 385	0,922	2,209	2,396	1,926
49	24	95 178	2 455,210	28 962,899	11,797	11,326	99	74	909	0,561	1,287	2,294	1,823
							100	75	576	0,330	0,726	2,197	1,726

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 328 101,557	13,281	12,810	50	50	93 003	1 982,941	21 685,777	10,936	10,465
1	1	99 275	91 921,432	1 228 101,557	13,360	12,889	51	51	92 389	1 823,941	19 702,836	10,802	10,331
2	2	99 212	85 057,951	1 136 180,124	13,358	12,887	52	52	91 717	1 676,540	17 878,895	10,664	10,193
3	3	99 177	78 729,509	1 051 122,173	13,351	12,880	53	53	90 982	1 539,908	16 202,355	10,522	10,051
4	4	99 147	72 876,235	972 392,664	13,343	12,872	54	54	90 185	1 413,352	14 662,447	10,374	9,903
5	5	99 121	67 460,187	899 516,429	13,334	12,863	55	55	89 321	1 296,130	13 249,095	10,222	9,751
6	6	99 101	62 450,259	832 056,242	13,324	12,852	56	56	88 386	1 187,554	11 952,965	10,065	9,594
7	7	99 082	57 813,582	769 605,983	13,312	12,841	57	57	87 395	1 087,256	10 765,411	9,901	9,430
8	8	99 064	53 521,445	711 792,401	13,299	12,828	58	58	86 341	994,580	9 678,154	9,731	9,260
9	9	99 049	49 549,052	658 270,956	13,285	12,814	59	59	85 187	908,602	8 683,574	9,557	9,086
10	10	99 034	45 871,901	608 721,904	13,270	12,799	60	60	83 967	829,243	7 774,972	9,376	8,905
11	11	99 017	42 466,763	562 850,003	13,254	12,783	61	61	82 622	755,522	6 945,729	9,193	8,722
12	12	99 000	39 314,131	520 383,240	13,237	12,765	62	62	81 229	687,761	6 190,207	9,001	8,529
13	13	98 982	36 395,377	481 069,109	13,218	12,747	63	63	79 727	625,040	5 502,446	8,803	8,332
14	14	98 963	33 693,158	444 673,733	13,198	12,727	64	64	78 155	567,331	4 877,406	8,597	8,126
15	15	98 935	31 188,362	410 980,575	13,177	12,706	65	65	76 477	514,031	4 310,075	8,385	7,914
16	16	98 902	28 868,431	379 792,213	13,156	12,685	66	66	74 702	464,908	3 796,045	8,165	7,694
17	17	98 856	26 717,806	350 923,783	13,134	12,663	67	67	72 853	419,815	3 331,137	7,935	7,464
18	18	98 805	24 725,922	324 205,976	13,112	12,641	68	68	70 895	378,267	2 911,321	7,696	7,225
19	19	98 729	22 876,650	299 480,055	13,091	12,620	69	69	68 821	340,001	2 533,054	7,450	6,979
20	20	98 654	21 165,980	276 603,404	13,068	12,597	70	70	66 595	304,632	2 193,054	7,199	6,728
21	21	98 574	19 582,289	255 437,424	13,044	12,573	71	71	64 247	272,122	1 888,422	6,940	6,469
22	22	98 497	18 117,608	235 855,135	13,018	12,547	72	72	61 752	242,181	1 616,299	6,674	6,203
23	23	98 419	16 762,271	217 737,527	12,990	12,519	73	73	59 028	214,349	1 374,118	6,411	5,940
24	24	98 342	15 508,545	200 975,256	12,959	12,488	74	74	56 145	188,778	1 159,770	6,144	5,673
25	25	98 263	14 348,228	185 466,711	12,926	12,455	75	75	53 072	165,230	970,991	5,877	5,406
26	26	98 183	13 274,564	171 118,483	12,891	12,420	76	76	49 829	143,640	805,762	5,610	5,139
27	27	98 097	12 280,475	157 843,919	12,853	12,382	77	77	46 421	123,904	662,121	5,344	4,873
28	28	98 010	11 360,680	145 563,444	12,813	12,342	78	78	42 837	105,868	538,217	5,084	4,613
29	29	97 924	10 509,899	134 202,765	12,769	12,298	79	79	39 108	89,493	432,349	4,831	4,360
30	30	97 833	9 722,430	123 692,866	12,722	12,251	80	80	35 359	74,921	342,856	4,576	4,105
31	31	97 742	8 993,800	113 970,437	12,672	12,201	81	81	31 529	61,856	267,935	4,332	3,861
32	32	97 637	8 318,707	104 976,636	12,619	12,148	82	82	27 725	50,364	206,079	4,092	3,621
33	33	97 531	7 694,091	96 657,929	12,563	12,092	83	83	23 995	40,360	155,715	3,858	3,387
34	34	97 425	7 116,409	88 963,838	12,501	12,030	84	84	20 410	31,787	115,356	3,629	3,158
35	35	97 306	6 581,271	81 847,430	12,436	11,965	85	85	17 005	24,522	83,568	3,408	2,937
36	36	97 181	6 085,901	75 266,158	12,367	11,896	86	86	13 800	18,426	59,046	3,204	2,733
37	37	97 047	5 627,328	69 180,257	12,294	11,823	87	87	10 900	13,476	40,620	3,014	2,543
38	38	96 900	5 202,601	63 552,929	12,216	11,745	88	88	8 281	9,480	27,144	2,863	2,392
39	39	96 738	4 809,200	58 350,329	12,133	11,662	89	89	6 150	6,518	17,664	2,710	2,239
40	40	96 557	4 444,607	53 541,129	12,046	11,575	90	90	4 421	4,339	11,146	2,569	2,098
41	41	96 357	4 106,837	49 096,522	11,955	11,484	91	91	3 126	2,841	6,807	2,396	1,925
42	42	96 134	3 793,823	44 989,685	11,859	11,388	92	92	2 083	1,753	3,966	2,263	1,792
43	43	95 888	3 503,817	41 195,861	11,757	11,286	93	93	1 322	1,030	2,214	2,149	1,678
44	44	95 602	3 234,618	37 692,044	11,653	11,182	94	94	803	0,579	1,183	2,043	1,572
45	45	95 291	2 985,263	34 457,426	11,543	11,071	95	95	465	0,310	0,604	1,946	1,475
46	46	94 933	2 753,740	31 472,163	11,429	10,958	96	96	256	0,158	0,294	1,858	1,387
47	47	94 524	2 538,793	28 718,423	11,312	10,841	97	97	133	0,076	0,136	1,777	1,306
48	48	94 068	2 339,395	26 179,630	11,191	10,720	98	98	66	0,035	0,059	1,704	1,233
49	49	93 563	2 154,458	23 840,235	11,066	10,594	99	99	30	0,015	0,025	1,638	1,167
							100	100	13	0,006	0,010	1,577	1,106

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	1	99 680	99 680,039	1 327 407,569	13,317	12,846	50	51	92 786	1 978,308	21 540,016	10,888	10,417
1	2	99 247	91 895,296	1 227 727,530	13,360	12,889	51	52	92 159	1 819,398	19 561,708	10,752	10,281
2	3	99 196	85 044,239	1 135 832,234	13,356	12,885	52	53	91 463	1 671,894	17 742,310	10,612	10,141
3	4	99 162	78 718,220	1 050 787,995	13,349	12,878	53	54	90 705	1 535,228	16 070,416	10,468	9,997
4	5	99 135	72 867,501	972 069,775	13,340	12,869	54	55	89 897	1 408,849	14 535,187	10,317	9,846
5	6	99 112	67 454,084	899 202,274	13,331	12,860	55	56	89 000	1 291,467	13 126,339	10,164	9,693
6	7	99 093	62 445,252	831 748,190	13,320	12,849	56	57	88 051	1 183,050	11 834,871	10,004	9,533
7	8	99 074	57 808,752	769 302,938	13,308	12,837	57	58	87 034	1 082,770	10 651,822	9,838	9,367
8	9	99 058	53 518,121	711 494,186	13,294	12,823	58	59	85 947	990,045	9 569,051	9,665	9,194
9	10	99 042	49 545,906	657 976,065	13,280	12,809	59	60	84 780	904,261	8 579,006	9,487	9,016
10	11	99 026	45 868,205	608 430,159	13,265	12,794	60	61	83 508	824,709	7 674,746	9,306	8,835
11	12	99 009	42 463,390	562 561,954	13,248	12,777	61	62	82 152	751,227	6 850,037	9,118	8,647
12	13	98 992	39 311,117	520 098,563	13,230	12,759	62	63	80 719	683,445	6 098,810	8,924	8,453
13	14	98 972	36 391,796	480 787,446	13,211	12,740	63	64	79 195	620,872	5 415,365	8,722	8,251
14	15	98 951	33 688,987	444 395,649	13,191	12,720	64	65	77 593	563,248	4 794,493	8,512	8,041
15	16	98 921	31 184,134	410 706,663	13,170	12,699	65	66	75 885	510,051	4 231,245	8,296	7,825
16	17	98 886	28 863,790	379 522,529	13,149	12,678	66	67	74 088	461,087	3 721,194	8,070	7,599
17	18	98 839	26 713,116	350 658,739	13,127	12,656	67	68	72 196	416,029	3 260,107	7,836	7,365
18	19	98 784	24 720,521	323 945,623	13,104	12,633	68	69	70 200	374,562	2 844,079	7,593	7,122
19	20	98 708	22 871,731	299 225,102	13,083	12,612	69	70	68 066	336,272	2 469,517	7,344	6,873
20	21	98 633	21 161,514	276 353,371	13,059	12,588	70	71	65 799	300,992	2 133,245	7,087	6,616
21	22	98 553	19 578,057	255 191,857	13,035	12,564	71	72	63 389	268,491	1 832,253	6,824	6,353
22	23	98 474	18 113,444	235 613,800	13,008	12,537	72	73	60 796	238,433	1 563,761	6,558	6,087
23	24	98 397	16 758,458	217 500,356	12,979	12,507	73	74	58 004	210,633	1 325,328	6,292	5,821
24	25	98 320	15 505,019	200 741,898	12,947	12,476	74	75	55 060	185,130	1 114,695	6,021	5,550
25	26	98 242	14 345,031	185 236,879	12,913	12,442	75	76	51 890	161,548	929,565	5,754	5,283
26	27	98 157	13 271,017	170 891,848	12,877	12,406	76	77	48 566	139,999	768,017	5,486	5,015
27	28	98 072	12 277,305	157 620,831	12,838	12,367	77	78	45 077	120,317	628,018	5,220	4,749
28	29	97 984	11 357,729	145 343,526	12,797	12,326	78	79	41 412	102,347	507,701	4,961	4,490
29	30	97 896	10 506,984	133 985,797	12,752	12,281	79	80	37 640	86,133	405,354	4,706	4,235
30	31	97 807	9 719,761	123 478,814	12,704	12,233	80	81	33 826	71,671	319,221	4,454	3,983
31	32	97 710	8 990,868	113 759,052	12,653	12,182	81	82	29 968	58,794	247,550	4,210	3,739
32	33	97 604	8 315,826	104 768,184	12,599	12,128	82	83	26 148	47,500	188,755	3,974	3,503
33	34	97 495	7 691,307	96 452,358	12,540	12,069	83	84	22 436	37,738	141,256	3,743	3,272
34	35	97 385	7 113,521	88 761,051	12,478	12,007	84	85	18 900	29,436	103,518	3,517	3,046
35	36	97 265	6 578,467	81 647,530	12,411	11,940	85	86	15 555	22,430	74,082	3,303	2,832
36	37	97 135	6 083,063	75 069,063	12,341	11,870	86	87	12 466	16,645	51,652	3,103	2,632
37	38	96 996	5 624,364	68 986,000	12,266	11,795	87	88	9 650	11,931	35,006	2,934	2,463
38	39	96 843	5 199,534	63 361,636	12,186	11,715	88	89	7 242	8,290	23,076	2,783	2,312
39	40	96 670	4 805,817	58 162,103	12,102	11,631	89	90	5 290	5,607	14,785	2,637	2,166
40	41	96 488	4 441,439	53 356,286	12,013	11,542	90	91	3 766	3,696	9,178	2,483	2,012
41	42	96 277	4 103,424	48 914,846	11,920	11,449	91	92	2 585	2,349	5,482	2,334	1,863
42	43	96 043	3 790,234	44 811,422	11,823	11,352	92	93	1 689	1,421	3,133	2,204	1,733
43	44	95 786	3 500,118	41 021,187	11,720	11,249	93	94	1 049	0,817	1,712	2,095	1,624
44	45	95 494	3 230,960	37 521,069	11,613	11,142	94	95	622	0,449	0,895	1,994	1,523
45	46	95 162	2 981,226	34 290,109	11,502	11,031	95	96	351	0,235	0,446	1,901	1,430
46	47	94 785	2 749,469	31 308,883	11,387	10,916	96	97	188	0,116	0,211	1,817	1,346
47	48	94 360	2 534,387	28 559,414	11,269	10,798	97	98	95	0,055	0,095	1,740	1,269
48	49	93 894	2 335,061	26 025,027	11,145	10,674	98	99	46	0,024	0,040	1,671	1,200
49	50	93 367	2 149,951	23 689,966	11,019	10,548	99	100	21	0,010	0,016	1,607	1,136

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 652	99 651,696	1 326 998,128	13,316	12,845	50	52	92 555	1 973,380	21 382,405	10,835	10,364
1	3	99 231	91 880,481	1 227 346,432	13,358	12,887	51	53	91 904	1 814,357	19 409,025	10,697	10,226
2	4	99 181	85 032,045	1 135 465,951	13,353	12,882	52	54	91 185	1 666,813	17 594,668	10,556	10,085
3	5	99 150	78 708,786	1 050 433,906	13,346	12,875	53	55	90 416	1 530,337	15 927,855	10,408	9,937
4	6	99 126	72 860,910	971 725,120	13,337	12,866	54	56	89 574	1 403,780	14 397,518	10,256	9,785
5	7	99 104	67 448,676	898 864,210	13,327	12,856	55	57	88 662	1 286,569	12 993,737	10,100	9,628
6	8	99 084	62 440,035	831 415,535	13,315	12,844	56	58	87 687	1 178,168	11 707,168	9,937	9,466
7	9	99 068	57 805,161	768 975,500	13,303	12,832	57	59	86 637	1 077,833	10 529,000	9,769	9,298
8	10	99 052	53 514,724	711 170,338	13,289	12,818	58	60	85 537	985,314	9 451,167	9,592	9,121
9	11	99 035	49 541,915	657 655,615	13,275	12,804	59	61	84 317	899,316	8 465,853	9,414	8,943
10	12	99 018	45 864,562	608 113,700	13,259	12,788	60	62	83 033	820,020	7 566,536	9,227	8,756
11	13	99 002	42 460,135	562 249,138	13,242	12,771	61	63	81 637	746,513	6 746,517	9,037	8,566
12	14	98 982	39 307,250	519 789,002	13,224	12,753	62	64	80 181	678,888	6 000,003	8,838	8,367
13	15	98 960	36 387,291	480 481,752	13,205	12,734	63	65	78 625	616,404	5 321,116	8,633	8,161
14	16	98 938	33 684,420	444 094,461	13,184	12,713	64	66	76 992	558,887	4 704,712	8,418	7,947
15	17	98 905	31 179,121	410 410,041	13,163	12,692	65	67	75 262	505,858	4 145,824	8,196	7,725
16	18	98 868	28 858,723	379 230,920	13,141	12,670	66	68	73 420	456,928	3 639,966	7,966	7,495
17	19	98 817	26 707,281	350 372,197	13,119	12,648	67	69	71 489	411,953	3 183,038	7,727	7,256
18	20	98 762	24 715,204	323 664,916	13,096	12,625	68	70	69 430	370,454	2 771,085	7,480	7,009
19	21	98 687	22 866,905	298 949,712	13,073	12,602	69	71	67 253	332,254	2 400,631	7,225	6,754
20	22	98 612	21 156,940	276 082,807	13,049	12,578	70	72	64 921	296,976	2 068,377	6,965	6,494
21	23	98 530	19 573,558	254 925,866	13,024	12,553	71	73	62 408	264,336	1 771,401	6,701	6,230
22	24	98 452	18 109,324	235 352,309	12,996	12,525	72	74	59 742	234,300	1 507,064	6,432	5,961
23	25	98 374	16 754,648	217 242,984	12,966	12,495	73	75	56 883	206,563	1 272,765	6,162	5,691
24	26	98 298	15 501,564	200 488,336	12,933	12,462	74	76	53 833	181,005	1 066,202	5,890	5,419
25	27	98 215	14 341,198	184 986,772	12,899	12,428	75	77	50 575	157,453	885,197	5,622	5,151
26	28	98 132	13 267,592	170 645,574	12,862	12,391	76	78	47 160	135,946	727,744	5,353	4,882
27	29	98 046	12 274,116	157 377,982	12,822	12,351	77	79	43 578	116,315	591,798	5,088	4,617
28	30	97 957	11 354,579	145 103,866	12,779	12,308	78	80	39 857	98,504	475,483	4,827	4,356
29	31	97 870	10 504,100	133 749,288	12,733	12,262	79	81	36 007	82,397	376,979	4,575	4,104
30	32	97 775	9 716,592	123 245,188	12,684	12,213	80	82	32 151	68,124	294,582	4,324	3,853
31	33	97 676	8 987,754	113 528,595	12,631	12,160	81	83	28 264	55,451	226,458	4,084	3,613
32	34	97 568	8 312,818	104 540,841	12,576	12,105	82	84	24 449	44,414	171,007	3,850	3,379
33	35	97 456	7 688,186	96 228,023	12,516	12,045	83	85	20 776	34,946	126,593	3,623	3,151
34	36	97 344	7 110,489	88 539,837	12,452	11,981	84	86	17 288	26,925	91,647	3,404	2,933
35	37	97 220	6 575,399	81 429,348	12,384	11,913	85	87	14 051	20,263	64,722	3,194	2,723
36	38	97 084	6 079,859	74 853,949	12,312	11,841	86	88	11 037	14,737	44,460	3,017	2,546
37	39	96 938	5 621,048	68 774,090	12,235	11,764	87	89	8 440	10,434	29,723	2,849	2,378
38	40	96 775	5 195,877	63 153,042	12,154	11,683	88	90	6 230	7,132	19,289	2,705	2,234
39	41	96 602	4 802,392	57 957,165	12,068	11,597	89	91	4 506	4,776	12,157	2,545	2,074
40	42	96 408	4 437,749	53 154,774	11,978	11,507	90	92	3 114	3,056	7,381	2,415	1,944
41	43	96 185	4 099,543	48 717,025	11,884	11,412	91	93	2 096	1,905	4,325	2,270	1,799
42	44	95 941	3 786,234	44 617,482	11,784	11,313	92	94	1 340	1,127	2,420	2,147	1,676
43	45	95 678	3 496,160	40 831,249	11,679	11,208	93	95	812	0,633	1,293	2,042	1,571
44	46	95 365	3 226,590	37 335,088	11,571	11,100	94	96	470	0,339	0,660	1,946	1,475
45	47	95 014	2 976,602	34 108,498	11,459	10,988	95	97	258	0,173	0,321	1,858	1,387
46	48	94 621	2 744,698	31 131,896	11,343	10,872	96	98	135	0,083	0,148	1,778	1,306
47	49	94 185	2 529,691	28 387,198	11,222	10,751	97	99	66	0,038	0,065	1,704	1,233
48	50	93 698	2 330,176	25 857,508	11,097	10,626	98	100	31	0,016	0,027	1,638	1,167
49	51	93 149	2 144,927	23 527,332	10,969	10,498							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 636	99 635,631	1 326 580,809	13,314	12,843	50	53	92 298	1 967,912	21 212,038	10,779	10,308
1	4	99 217	91 867,307	1 226 945,178	13,356	12,885	51	54	91 625	1 808,843	19 244,126	10,639	10,168
2	5	99 169	85 021,854	1 135 077,872	13,350	12,879	52	55	90 894	1 661,503	17 435,284	10,494	10,023
3	6	99 141	78 701,666	1 050 056,018	13,342	12,871	53	56	90 091	1 524,831	15 773,781	10,345	9,874
4	7	99 119	72 855,068	971 354,352	13,333	12,862	54	57	89 234	1 398,456	14 248,950	10,189	9,718
5	8	99 096	67 443,041	898 499,284	13,322	12,851	55	58	88 297	1 281,260	12 850,494	10,030	9,559
6	9	99 078	62 436,156	831 056,243	13,310	12,839	56	59	87 288	1 172,796	11 569,233	9,865	9,394
7	10	99 062	57 801,492	768 620,087	13,298	12,827	57	60	86 223	1 072,683	10 396,437	9,692	9,221
8	11	99 044	53 510,412	710 818,595	13,284	12,813	58	61	85 069	979,927	9 323,755	9,515	9,044
9	12	99 027	49 537,980	657 308,183	13,269	12,798	59	62	83 837	894,203	8 343,828	9,331	8,860
10	13	99 011	45 861,047	607 770,203	13,252	12,781	60	63	82 512	814,874	7 449,624	9,142	8,671
11	14	98 992	42 455,958	561 909,156	13,235	12,764	61	64	81 093	741,535	6 634,750	8,947	8,476
12	15	98 970	39 302,384	519 453,197	13,217	12,746	62	65	79 604	674,002	5 893,215	8,744	8,273
13	16	98 946	36 382,359	480 150,813	13,197	12,726	63	66	78 016	611,631	5 219,213	8,533	8,062
14	17	98 922	33 679,004	443 768,454	13,176	12,705	64	67	76 359	554,294	4 607,581	8,313	7,841
15	18	98 888	31 173,647	410 089,450	13,155	12,684	65	68	74 583	501,296	4 053,288	8,086	7,615
16	19	98 847	28 852,419	378 915,802	13,133	12,662	66	69	72 701	452,452	3 551,992	7,851	7,379
17	20	98 796	26 701,538	350 063,383	13,110	12,639	67	70	70 705	407,435	3 099,540	7,607	7,136
18	21	98 742	24 709,990	323 361,845	13,086	12,615	68	71	68 601	366,028	2 692,105	7,355	6,884
19	22	98 665	22 861,962	298 651,856	13,063	12,592	69	72	66 355	327,821	2 326,077	7,096	6,625
20	23	98 589	21 152,079	275 789,893	13,038	12,567	70	73	63 916	292,380	1 998,256	6,834	6,363
21	24	98 508	19 569,106	254 637,815	13,012	12,541	71	74	61 327	259,754	1 705,876	6,567	6,096
22	25	98 430	18 105,207	235 068,709	12,983	12,512	72	75	58 588	229,772	1 446,122	6,294	5,823
23	26	98 352	16 750,915	216 963,502	12,952	12,481	73	76	55 616	201,960	1 216,350	6,023	5,552
24	27	98 272	15 497,422	200 212,587	12,919	12,448	74	77	52 469	176,417	1 014,390	5,750	5,279
25	28	98 190	14 337,496	184 715,165	12,883	12,412	75	78	49 110	152,894	837,972	5,481	5,010
26	29	98 106	13 264,146	170 377,668	12,845	12,374	76	79	45 591	131,424	685,078	5,213	4,742
27	30	98 019	12 270,711	157 113,523	12,804	12,333	77	80	41 941	111,948	553,654	4,946	4,475
28	31	97 930	11 351,462	144 842,811	12,760	12,289	78	81	38 128	94,231	441,706	4,687	4,216
29	32	97 838	10 500,675	133 491,349	12,713	12,242	79	82	34 225	78,319	347,475	4,437	3,966
30	33	97 741	9 713,227	122 990,673	12,662	12,191	80	83	30 323	64,250	269,156	4,189	3,718
31	34	97 641	8 984,503	113 277,446	12,608	12,137	81	84	26 428	51,849	204,906	3,952	3,481
32	35	97 529	8 309,444	104 292,944	12,551	12,080	82	85	22 641	41,128	153,057	3,721	3,250
33	36	97 414	7 684,909	95 983,500	12,490	12,019	83	86	19 004	31,965	111,929	3,502	3,031
34	37	97 298	7 107,173	88 298,590	12,424	11,953	84	87	15 617	24,323	79,964	3,288	2,817
35	38	97 168	6 571,936	81 191,417	12,354	11,883	85	88	12 440	17,939	55,641	3,102	2,631
36	39	97 027	6 076,275	74 619,481	12,280	11,809	86	89	9 652	12,888	37,702	2,925	2,454
37	40	96 870	5 617,095	68 543,206	12,203	11,732	87	90	7 260	8,976	24,814	2,765	2,294
38	41	96 706	5 192,173	62 926,111	12,119	11,648	88	91	5 307	6,075	15,839	2,607	2,136
39	42	96 521	4 798,401	57 733,938	12,032	11,561	89	92	3 726	3,949	9,764	2,472	2,001
40	43	96 317	4 433,551	52 935,537	11,940	11,469	90	93	2 525	2,478	5,815	2,346	1,875
41	44	96 084	4 095,215	48 501,986	11,844	11,373	91	94	1 663	1,511	3,336	2,208	1,737
42	45	95 833	3 781,952	44 406,771	11,742	11,271	92	95	1 038	0,873	1,825	2,090	1,619
43	46	95 549	3 491,432	40 624,819	11,636	11,165	93	96	614	0,478	0,952	1,991	1,520
44	47	95 217	3 221,586	37 133,387	11,526	11,055	94	97	346	0,250	0,474	1,899	1,428
45	48	94 850	2 971,436	33 911,801	11,413	10,942	95	98	185	0,124	0,224	1,815	1,344
46	49	94 446	2 739,612	30 940,365	11,294	10,823	96	99	94	0,058	0,101	1,739	1,268
47	50	93 988	2 524,398	28 200,753	11,171	10,700	97	100	45	0,026	0,043	1,669	1,198
48	51	93 479	2 324,731	25 676,354	11,045	10,574							
49	52	92 917	2 139,585	23 351,623	10,914	10,443							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 621	99 621,344	1 326 141,449	13,312	12,841	50	54	92 018	1 961,931	21 028,216	10,718	10,247
1	5	99 205	91 856,297	1 226 520,105	13,353	12,882	51	55	91 333	1 803,079	19 066,285	10,574	10,103
2	6	99 161	85 014,163	1 134 663,808	13,347	12,876	52	56	90 567	1 655,525	17 263,205	10,428	9,957
3	7	99 133	78 695,356	1 049 649,645	13,338	12,867	53	57	89 749	1 519,048	15 607,680	10,275	9,804
4	8	99 110	72 848,981	970 954,290	13,328	12,857	54	58	88 866	1 392,686	14 088,632	10,116	9,645
5	9	99 090	67 438,852	898 105,308	13,317	12,846	55	59	87 894	1 275,418	12 695,947	9,954	9,483
6	10	99 072	62 432,193	830 666,456	13,305	12,834	56	60	86 871	1 167,192	11 420,528	9,785	9,314
7	11	99 054	57 796,835	768 234,263	13,292	12,821	57	61	85 752	1 066,817	10 253,336	9,611	9,140
8	12	99 036	53 506,163	710 437,428	13,278	12,807	58	62	84 585	974,355	9 186,519	9,428	8,957
9	13	99 019	49 534,183	656 931,266	13,262	12,791	59	63	83 311	888,592	8 212,163	9,242	8,771
10	14	99 001	45 856,535	607 397,083	13,246	12,775	60	64	81 962	809,440	7 323,571	9,048	8,577
11	15	98 980	42 450,703	561 540,548	13,228	12,757	61	65	80 509	736,199	6 514,131	8,848	8,377
12	16	98 957	39 297,056	519 089,845	13,209	12,738	62	66	78 988	668,784	5 777,932	8,639	8,168
13	17	98 930	36 376,510	479 792,789	13,190	12,719	63	67	77 375	606,604	5 109,148	8,423	7,951
14	18	98 904	33 673,093	443 416,279	13,168	12,697	64	68	75 670	549,294	4 502,544	8,197	7,726
15	19	98 866	31 166,838	409 743,186	13,147	12,676	65	69	73 852	496,385	3 953,250	7,964	7,493
16	20	98 825	28 846,214	378 576,348	13,124	12,653	66	70	71 904	447,490	3 456,864	7,725	7,254
17	21	98 775	26 695,904	349 730,134	13,101	12,629	67	71	69 860	402,567	3 009,374	7,475	7,004
18	22	98 720	24 704,649	323 034,230	13,076	12,605	68	72	67 685	361,144	2 606,807	7,218	6,747
19	23	98 643	22 856,709	298 329,581	13,052	12,581	69	73	65 328	322,748	2 245,664	6,958	6,487
20	24	98 567	21 147,267	275 472,872	13,026	12,555	70	74	62 808	287,312	1 922,916	6,693	6,222
21	25	98 485	19 564,657	254 325,605	12,999	12,528	71	75	60 142	254,735	1 635,604	6,421	5,950
22	26	98 408	18 101,172	234 760,948	12,969	12,498	72	76	57 282	224,652	1 380,870	6,147	5,676
23	27	98 326	16 746,439	216 659,776	12,938	12,467	73	77	54 206	196,841	1 156,217	5,874	5,403
24	28	98 247	15 493,422	199 913,336	12,903	12,432	74	78	50 949	171,309	959,376	5,600	5,129
25	29	98 164	14 333,772	184 419,914	12,866	12,395	75	79	47 477	147,809	788,067	5,332	4,861
26	30	98 079	13 260,467	170 086,142	12,827	12,356	76	80	43 879	126,489	640,258	5,062	4,591
27	31	97 992	12 267,344	156 825,675	12,784	12,313	77	81	40 122	107,092	513,768	4,797	4,326
28	32	97 898	11 347,762	144 558,331	12,739	12,268	78	82	36 241	89,567	406,676	4,540	4,069
29	33	97 804	10 497,039	133 210,570	12,690	12,219	79	83	32 279	73,865	317,109	4,293	3,822
30	34	97 706	9 709,713	122 713,531	12,638	12,167	80	84	28 353	60,076	243,244	4,049	3,578
31	35	97 601	8 980,857	113 003,818	12,583	12,112	81	85	24 473	48,013	183,168	3,815	3,344
32	36	97 487	8 305,903	104 022,962	12,524	12,053	82	86	20 709	37,620	135,155	3,593	3,122
33	37	97 369	7 681,326	95 717,059	12,461	11,990	83	87	17 167	28,876	97,535	3,378	2,907
34	38	97 247	7 103,430	88 035,733	12,393	11,922	84	88	13 827	21,534	68,659	3,188	2,717
35	39	97 111	6 568,061	80 932,303	12,322	11,851	85	89	10 879	15,689	47,125	3,004	2,533
36	40	96 959	6 072,001	74 364,241	12,247	11,776	86	90	8 303	11,087	31,437	2,836	2,365
37	41	96 801	5 613,091	68 292,240	12,167	11,696	87	91	6 184	7,646	20,350	2,662	2,191
38	42	96 625	5 187,859	62 679,149	12,082	11,611	88	92	4 388	5,023	12,705	2,529	2,058
39	43	96 430	4 793,862	57 491,290	11,993	11,522	89	93	3 022	3,203	7,682	2,398	1,927
40	44	96 215	4 428,871	52 697,428	11,899	11,428	90	94	2 003	1,966	4,479	2,279	1,808
41	45	95 975	4 090,584	48 268,557	11,800	11,329	91	95	1 288	1,170	2,513	2,147	1,676
42	46	95 703	3 776,837	44 177,973	11,697	11,226	92	96	784	0,660	1,343	2,036	1,564
43	47	95 401	3 486,017	40 401,136	11,589	11,118	93	97	452	0,352	0,683	1,941	1,470
44	48	95 052	3 215,995	36 915,119	11,479	11,008	94	98	248	0,179	0,331	1,854	1,383
45	49	94 674	2 965,930	33 699,124	11,362	10,891	95	99	129	0,086	0,153	1,774	1,303
46	50	94 248	2 733,881	30 733,194	11,242	10,771	96	100	63	0,039	0,067	1,702	1,231
47	51	93 769	2 518,500	27 999,313	11,117	10,646							
48	52	93 246	2 318,941	25 480,813	10,988	10,517							
49	53	92 659	2 133,656	23 161,872	10,855	10,384							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 609	99 609,405	1 325 676,102	13,309	12,838	50	55	91 725	1 955,680	20 830,162	10,651	10,180
1	6	99 196	91 847,988	1 226 066,697	13,349	12,878	51	56	91 004	1 796,593	18 874,482	10,506	10,035
2	7	99 153	85 007,346	1 134 218,710	13,343	12,872	52	57	90 224	1 649,246	17 077,889	10,355	9,884
3	8	99 125	78 688,781	1 049 211,363	13,334	12,863	53	58	89 379	1 512,780	15 428,643	10,199	9,728
4	9	99 104	72 844,457	970 522,582	13,323	12,852	54	59	88 461	1 386,335	13 915,864	10,038	9,567
5	10	99 084	67 434,571	897 678,125	13,312	12,841	55	60	87 474	1 269,324	12 529,528	9,871	9,400
6	11	99 064	62 427,163	830 243,555	13,299	12,828	56	61	86 396	1 160,810	11 260,204	9,700	9,229
7	12	99 046	57 792,245	767 816,391	13,286	12,815	57	62	85 264	1 060,752	10 099,394	9,521	9,050
8	13	99 029	53 502,061	710 024,146	13,271	12,800	58	63	84 055	968,242	9 038,642	9,335	8,864
9	14	99 009	49 529,310	656 522,085	13,255	12,784	59	64	82 756	882,667	8 070,401	9,143	8,672
10	15	98 989	45 850,859	606 992,775	13,238	12,767	60	65	81 372	803,616	7 187,734	8,944	8,473
11	16	98 966	42 444,948	561 141,917	13,220	12,749	61	66	79 886	730,499	6 384,118	8,739	8,268
12	17	98 941	39 290,739	518 696,969	13,202	12,730	62	67	78 338	663,287	5 653,619	8,524	8,053
13	18	98 913	36 370,124	479 406,230	13,181	12,710	63	68	76 677	601,133	4 990,332	8,302	7,831
14	19	98 883	33 665,737	443 036,106	13,160	12,689	64	69	74 929	543,914	4 389,200	8,070	7,599
15	20	98 845	31 160,135	409 370,368	13,138	12,667	65	70	73 042	490,941	3 845,286	7,832	7,361
16	21	98 805	28 840,128	378 210,233	13,114	12,643	66	71	71 045	442,143	3 354,345	7,587	7,116
17	22	98 754	26 690,134	349 370,105	13,090	12,619	67	72	68 928	397,196	2 912,202	7,332	6,861
18	23	98 698	24 698,972	322 679,971	13,065	12,593	68	73	66 638	355,555	2 515,006	7,073	6,602
19	24	98 620	22 851,510	297 980,999	13,040	12,569	69	74	64 196	317,153	2 159,451	6,809	6,338
20	25	98 544	21 142,460	275 129,489	13,013	12,542	70	75	61 594	281,760	1 842,299	6,539	6,067
21	26	98 463	19 560,297	253 987,030	12,985	12,514	71	76	58 802	249,059	1 560,539	6,266	5,795
22	27	98 381	18 096,337	234 426,733	12,954	12,483	72	77	55 830	218,958	1 311,480	5,990	5,519
23	28	98 301	16 742,117	216 330,397	12,921	12,450	73	78	52 637	191,142	1 092,522	5,716	5,245
24	29	98 221	15 489,398	199 588,280	12,885	12,414	74	79	49 255	165,612	901,380	5,443	4,972
25	30	98 137	14 329,797	184 098,882	12,847	12,376	75	80	45 694	142,259	735,768	5,172	4,701
26	31	98 052	13 256,828	169 769,085	12,806	12,335	76	81	41 976	121,003	593,509	4,905	4,434
27	32	97 960	12 263,344	156 512,258	12,763	12,292	77	82	38 136	101,791	472,506	4,642	4,171
28	33	97 864	11 343,831	144 248,913	12,716	12,245	78	83	34 180	84,474	370,715	4,389	3,917
29	34	97 768	10 493,241	132 905,082	12,666	12,195	79	84	30 182	69,067	286,241	4,144	3,673
30	35	97 666	9 705,773	122 411,841	12,612	12,141	80	85	26 256	55,631	217,175	3,904	3,433
31	36	97 559	8 977,029	112 706,068	12,555	12,084	81	86	22 385	43,918	161,543	3,678	3,207
32	37	97 442	8 302,030	103 729,039	12,494	12,023	82	87	18 708	33,984	117,626	3,461	2,990
33	38	97 318	7 677,280	95 427,009	12,430	11,959	83	88	15 199	25,565	83,641	3,272	2,801
34	39	97 190	7 099,242	87 749,729	12,360	11,889	84	89	12 092	18,832	58,077	3,084	2,613
35	40	97 043	6 563,442	80 650,487	12,288	11,817	85	90	9 359	13,496	39,245	2,908	2,437
36	41	96 890	6 067,673	74 087,045	12,210	11,739	86	91	7 073	9,444	25,749	2,727	2,256
37	42	96 721	5 608,427	68 019,372	12,128	11,657	87	92	5 113	6,322	16,305	2,579	2,108
38	43	96 534	5 182,951	62 410,945	12,042	11,571	88	93	3 559	4,074	9,984	2,451	1,980
39	44	96 328	4 788,802	57 227,994	11,950	11,479	89	94	2 397	2,540	5,910	2,326	1,855
40	45	96 106	4 423,863	52 439,192	11,854	11,383	90	95	1 551	1,523	3,369	2,213	1,742
41	46	95 845	4 085,052	48 015,329	11,754	11,283	91	96	973	0,884	1,847	2,089	1,618
42	47	95 555	3 770,979	43 930,277	11,650	11,179	92	97	577	0,486	0,963	1,982	1,511
43	48	95 235	3 479,967	40 159,298	11,540	11,069	93	98	323	0,252	0,477	1,893	1,422
44	49	94 876	3 210,036	36 679,331	11,426	10,955	94	99	172	0,124	0,225	1,810	1,339
45	50	94 476	2 959,725	33 469,295	11,308	10,837	95	100	87	0,058	0,101	1,734	1,263
46	51	94 028	2 727,493	30 509,570	11,186	10,715							
47	52	93 535	2 512,227	27 782,077	11,059	10,588							
48	53	92 988	2 312,515	25 269,850	10,927	10,456							
49	54	92 378	2 127,172	22 957,334	10,792	10,321							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 600	99 600,394	1 325 179,908	13,305	12,834	50	56	91 395	1 948,645	20 616,794	10,580	10,109
1	7	99 188	91 840,623	1 225 579,514	13,345	12,874	51	57	90 659	1 789,778	18 668,149	10,430	9,959
2	8	99 144	85 000,245	1 133 738,890	13,338	12,867	52	58	89 851	1 642,441	16 878,370	10,276	9,805
3	9	99 119	78 683,894	1 048 738,646	13,329	12,857	53	59	88 971	1 505,882	15 235,930	10,118	9,647
4	10	99 098	72 839,832	970 054,752	13,318	12,847	54	60	88 038	1 379,711	13 730,048	9,951	9,480
5	11	99 076	67 429,138	897 214,920	13,306	12,835	55	61	86 996	1 262,383	12 350,337	9,783	9,312
6	12	99 056	62 422,205	829 785,782	13,293	12,822	56	62	85 904	1 154,210	11 087,953	9,607	9,135
7	13	99 038	57 787,815	767 363,576	13,279	12,808	57	63	84 729	1 054,096	9 933,743	9,424	8,953
8	14	99 019	53 496,798	709 575,762	13,264	12,793	58	64	83 494	961,785	8 879,647	9,232	8,761
9	15	98 997	49 523,179	656 078,963	13,248	12,777	59	65	82 160	876,315	7 917,862	9,035	8,564
10	16	98 975	45 844,643	606 555,785	13,231	12,760	60	66	80 742	797,394	7 041,547	8,831	8,360
11	17	98 950	42 438,124	560 711,142	13,212	12,741	61	67	79 229	724,495	6 244,153	8,619	8,148
12	18	98 923	39 283,842	518 273,018	13,193	12,722	62	68	77 632	657,304	5 519,659	8,397	7,926
13	19	98 891	36 362,180	478 989,176	13,173	12,702	63	69	75 926	595,244	4 862,354	8,169	7,698
14	20	98 862	33 658,497	442 626,996	13,151	12,679	64	70	74 107	537,948	4 267,110	7,932	7,461
15	21	98 824	31 153,561	408 968,499	13,128	12,656	65	71	72 169	485,075	3 729,162	7,688	7,217
16	22	98 783	28 833,894	377 814,938	13,103	12,632	66	72	70 097	436,244	3 244,087	7,436	6,965
17	23	98 731	26 684,001	348 981,043	13,078	12,607	67	73	67 861	391,049	2 807,843	7,180	6,709
18	24	98 675	24 693,354	322 297,043	13,052	12,581	68	74	65 483	349,391	2 416,794	6,917	6,446
19	25	98 598	22 846,315	297 603,689	13,026	12,555	69	75	62 955	311,024	2 067,403	6,647	6,176
20	26	98 522	21 137,748	274 757,374	12,998	12,527	70	76	60 222	275,482	1 756,379	6,376	5,905
21	27	98 437	19 555,071	253 619,626	12,970	12,498	71	77	57 311	242,746	1 480,897	6,101	5,630
22	28	98 356	18 091,665	234 064,555	12,938	12,467	72	78	54 214	212,618	1 238,151	5,823	5,352
23	29	98 275	16 737,768	215 972,890	12,903	12,432	73	79	50 886	184,785	1 025,533	5,550	5,079
24	30	98 194	15 485,102	199 235,122	12,866	12,395	74	80	47 405	159,393	840,748	5,275	4,804
25	31	98 110	14 325,864	183 750,020	12,826	12,355	75	81	43 712	136,089	681,355	5,007	4,536
26	32	98 020	13 252,505	169 424,156	12,784	12,313	76	82	39 898	115,014	545,266	4,741	4,270
27	33	97 926	12 259,097	156 171,650	12,739	12,268	77	83	35 968	96,003	430,252	4,482	4,011
28	34	97 829	11 339,727	143 912,553	12,691	12,220	78	84	31 960	78,986	334,250	4,232	3,761
29	35	97 729	10 488,982	132 572,826	12,639	12,168	79	85	27 949	63,957	255,263	3,991	3,520
30	36	97 624	9 701,636	122 083,844	12,584	12,113	80	86	24 016	50,886	191,307	3,759	3,288
31	37	97 514	8 972,843	112 382,207	12,525	12,054	81	87	20 222	39,673	140,420	3,539	3,068
32	38	97 390	8 297,657	103 409,364	12,462	11,991	82	88	16 563	30,087	100,747	3,348	2,877
33	39	97 260	7 672,754	95 111,707	12,396	11,925	83	89	13 292	22,357	70,660	3,160	2,689
34	40	97 121	7 094,249	87 438,953	12,325	11,854	84	90	10 402	16,200	48,302	2,982	2,511
35	41	96 974	6 558,764	80 344,704	12,250	11,779	85	91	7 972	11,496	32,102	2,793	2,322
36	42	96 809	6 062,631	73 785,940	12,171	11,700	86	92	5 848	7,808	20,607	2,639	2,168
37	43	96 629	5 603,121	67 723,309	12,087	11,616	87	93	4 147	5,127	12,798	2,496	2,025
38	44	96 432	5 177,480	62 120,187	11,998	11,527	88	94	2 822	3,231	7,671	2,374	1,903
39	45	96 219	4 783,387	56 942,707	11,904	11,433	89	95	1 856	1,968	4,440	2,257	1,786
40	46	95 976	4 417,879	52 159,320	11,806	11,335	90	96	1 172	1,150	2,473	2,149	1,678
41	47	95 697	4 078,716	47 741,441	11,705	11,234	91	97	716	0,651	1,322	2,032	1,561
42	48	95 389	3 764,435	43 662,725	11,599	11,128	92	98	413	0,348	0,671	1,931	1,460
43	49	95 059	3 473,519	39 898,290	11,486	11,015	93	99	225	0,175	0,324	1,846	1,375
44	50	94 677	3 203,320	36 424,771	11,371	10,900	94	100	116	0,084	0,148	1,767	1,296
45	51	94 255	2 952,810	33 221,451	11,251	10,780							
46	52	93 794	2 720,699	30 268,640	11,125	10,654							
47	53	93 276	2 505,266	27 547,941	10,996	10,525							
48	54	92 705	2 305,487	25 042,675	10,862	10,391							
49	55	92 083	2 120,394	22 737,188	10,723	10,252							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	7	99 592	99 592,409	1 324 646,998	13,301	12,830	50	57	91 048	1 941,254	20 387,512	10,502	10,031
1	8	99 180	91 832,951	1 225 054,589	13,340	12,869	51	58	90 285	1 782,393	18 446,258	10,349	9,878
2	9	99 138	84 994,965	1 133 221,638	13,333	12,862	52	59	89 442	1 634,952	16 663,865	10,192	9,721
3	10	99 113	78 678,898	1 048 226,673	13,323	12,852	53	60	88 546	1 498,686	15 028,913	10,028	9,557
4	11	99 090	72 833,964	969 547,775	13,312	12,841	54	61	87 557	1 372,167	13 530,227	9,860	9,389
5	12	99 068	67 423,783	896 713,810	13,300	12,829	55	62	86 501	1 255,206	12 158,060	9,686	9,215
6	13	99 049	62 417,420	829 290,027	13,286	12,815	56	63	85 365	1 146,968	10 902,854	9,506	9,035
7	14	99 028	57 782,130	766 872,607	13,272	12,801	57	64	84 164	1 047,067	9 755,886	9,317	8,846
8	15	99 007	53 490,175	709 090,477	13,256	12,785	58	65	82 893	954,864	8 708,819	9,120	8,649
9	16	98 984	49 516,465	655 600,301	13,240	12,769	59	66	81 524	869,530	7 753,955	8,917	8,446
10	17	98 959	45 837,273	606 083,836	13,223	12,751	60	67	80 078	790,839	6 884,425	8,705	8,234
11	18	98 933	42 430,675	560 246,563	13,204	12,733	61	68	78 514	717,960	6 093,585	8,487	8,016
12	19	98 902	39 275,261	517 815,889	13,184	12,713	62	69	76 871	650,866	5 375,625	8,259	7,788
13	20	98 870	36 354,360	478 540,628	13,163	12,692	63	70	75 094	588,716	4 724,760	8,026	7,554
14	21	98 841	33 651,396	442 186,268	13,140	12,669	64	71	73 222	531,521	4 136,044	7,782	7,310
15	22	98 803	31 146,827	408 534,872	13,116	12,645	65	72	71 206	478,603	3 604,523	7,531	7,060
16	23	98 761	28 827,269	377 388,045	13,091	12,620	66	73	69 012	429,493	3 125,920	7,278	6,807
17	24	98 709	26 677,931	348 560,777	13,066	12,594	67	74	66 685	384,270	2 696,427	7,017	6,546
18	25	98 653	24 687,740	321 882,845	13,038	12,567	68	75	64 217	342,640	2 312,157	6,748	6,277
19	26	98 576	22 841,224	297 195,106	13,011	12,540	69	76	61 553	304,094	1 969,518	6,477	6,006
20	27	98 496	21 132,101	274 353,882	12,983	12,512	70	77	58 696	268,499	1 665,424	6,203	5,732
21	28	98 412	19 550,023	253 221,781	12,953	12,481	71	78	55 652	235,717	1 396,925	5,926	5,455
22	29	98 331	18 086,966	233 671,758	12,919	12,448	72	79	52 411	205,547	1 161,208	5,649	5,178
23	30	98 248	16 733,126	215 584,792	12,884	12,413	73	80	48 975	177,846	955,661	5,374	4,902
24	31	98 167	15 480,852	198 851,666	12,845	12,374	74	81	45 349	152,480	777,815	5,101	4,630
25	32	98 078	14 321,194	183 370,814	12,804	12,333	75	82	41 549	129,353	625,335	4,834	4,363
26	33	97 986	13 247,916	169 049,620	12,760	12,289	76	83	37 630	108,473	495,982	4,572	4,101
27	34	97 891	12 254,662	155 801,705	12,714	12,243	77	84	33 631	89,767	387,509	4,317	3,846
28	35	97 789	11 335,125	143 547,043	12,664	12,193	78	85	29 595	73,143	297,742	4,071	3,600
29	36	97 687	10 484,513	132 211,918	12,610	12,139	79	86	25 565	58,501	224,600	3,839	3,368
30	37	97 579	9 697,112	121 727,405	12,553	12,082	80	87	21 695	45,968	166,098	3,613	3,142
31	38	97 463	8 968,117	112 030,293	12,492	12,021	81	88	17 903	35,124	120,130	3,420	2,949
32	39	97 333	8 292,765	103 062,176	12,428	11,957	82	89	14 485	26,313	85,006	3,231	2,760
33	40	97 192	7 667,358	94 769,410	12,360	11,889	83	90	11 434	19,233	58,693	3,052	2,581
34	41	97 052	7 089,193	87 102,053	12,287	11,816	84	91	8 860	13,799	39,461	2,860	2,389
35	42	96 893	6 553,314	80 012,860	12,210	11,738	85	92	6 592	9,505	25,662	2,700	2,229
36	43	96 718	6 056,896	73 459,546	12,128	11,657	86	93	4 743	6,333	16,156	2,551	2,080
37	44	96 527	5 597,207	67 402,650	12,042	11,571	87	94	3 289	4,066	9,824	2,416	1,945
38	45	96 323	5 171,626	61 805,443	11,951	11,480	88	95	2 186	2,503	5,757	2,300	1,829
39	46	96 089	4 776,917	56 633,817	11,856	11,385	89	96	1 403	1,487	3,255	2,189	1,718
40	47	95 827	4 411,027	51 856,901	11,756	11,285	90	97	863	0,847	1,768	2,088	1,617
41	48	95 531	4 071,638	47 445,873	11,653	11,182	91	98	513	0,466	0,921	1,976	1,505
42	49	95 212	3 757,460	43 374,235	11,543	11,072	92	99	287	0,242	0,455	1,881	1,410
43	50	94 860	3 466,252	39 616,776	11,429	10,958	93	100	152	0,118	0,213	1,801	1,330
44	51	94 456	3 195,836	36 150,524	11,312	10,841							
45	52	94 020	2 945,455	32 954,688	11,188	10,717							
46	53	93 534	2 713,161	30 009,232	11,061	10,590							
47	54	92 993	2 497,652	27 296,072	10,929	10,458							
48	55	92 410	2 298,142	24 798,420	10,791	10,320							
49	56	91 752	2 112,766	22 500,278	10,650	10,179							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 584	99 584,089	1 324 073,100	13,296	12,825	50	58	90 672	1 933,243	20 141,227	10,418	9,947
1	9	99 173	91 827,247	1 224 489,011	13,335	12,864	51	59	89 873	1 774,266	18 207,983	10,262	9,791
2	10	99 132	84 989,569	1 132 661,765	13,327	12,856	52	60	89 014	1 627,139	16 433,717	10,100	9,629
3	11	99 105	78 672,560	1 047 672,195	13,317	12,846	53	61	88 062	1 490,492	14 806,578	9,934	9,463
4	12	99 082	72 828,180	968 999,635	13,305	12,834	54	62	87 059	1 364,366	13 316,086	9,760	9,289
5	13	99 060	67 418,615	896 171,456	13,293	12,822	55	63	85 958	1 247,330	11 951,720	9,582	9,111
6	14	99 039	62 411,280	828 752,841	13,279	12,808	56	64	84 796	1 139,319	10 704,390	9,395	8,924
7	15	99 016	57 774,977	766 341,561	13,264	12,793	57	65	83 559	1 039,532	9 565,071	9,201	8,730
8	16	98 993	53 482,924	708 566,584	13,248	12,777	58	66	82 251	947,471	8 525,539	8,998	8,527
9	17	98 968	49 508,505	655 083,659	13,232	12,761	59	67	80 854	862,383	7 578,068	8,787	8,316
10	18	98 942	45 829,227	605 575,155	13,214	12,743	60	68	79 356	783,706	6 715,685	8,569	8,098
11	19	98 911	42 421,406	559 745,928	13,195	12,724	61	69	77 745	710,927	5 931,979	8,344	7,873
12	20	98 881	39 266,815	517 324,521	13,175	12,704	62	70	76 028	643,727	5 221,051	8,111	7,640
13	21	98 849	36 346,689	478 057,707	13,153	12,682	63	71	74 196	581,682	4 577,324	7,869	7,398
14	22	98 819	33 644,122	441 711,017	13,129	12,658	64	72	72 245	524,429	3 995,642	7,619	7,148
15	23	98 780	31 139,670	408 066,896	13,104	12,633	65	73	70 105	471,196	3 471,214	7,367	6,896
16	24	98 738	28 820,712	376 927,226	13,078	12,607	66	74	67 816	422,047	3 000,017	7,108	6,637
17	25	98 686	26 671,866	348 106,514	13,051	12,580	67	75	65 396	376,844	2 577,970	6,841	6,370
18	26	98 631	24 682,238	321 434,648	13,023	12,552	68	76	62 787	335,005	2 201,125	6,570	6,099
19	27	98 550	22 835,121	296 752,410	12,995	12,524	69	77	59 992	296,386	1 866,120	6,296	5,825
20	28	98 470	21 126,646	273 917,289	12,965	12,494	70	78	56 996	260,725	1 569,734	6,021	5,550
21	29	98 386	19 544,945	252 790,643	12,934	12,463	71	79	53 801	227,878	1 309,010	5,744	5,273
22	30	98 303	18 081,950	233 245,697	12,899	12,428	72	80	50 443	197,829	1 081,132	5,465	4,994
23	31	98 221	16 728,534	215 163,748	12,862	12,391	73	81	46 851	170,132	883,303	5,192	4,721
24	32	98 135	15 475,805	198 435,214	12,822	12,351	74	82	43 105	144,933	713,171	4,921	4,450
25	33	98 044	14 316,233	182 959,409	12,780	12,309	75	83	39 186	121,997	568,239	4,658	4,187
26	34	97 951	13 243,123	168 643,176	12,734	12,263	76	84	35 185	101,427	446,242	4,400	3,929
27	35	97 851	12 249,689	155 400,053	12,686	12,215	77	85	31 143	83,125	344,815	4,148	3,677
28	36	97 748	11 330,295	143 150,364	12,634	12,163	78	86	27 071	66,904	261,690	3,911	3,440
29	37	97 642	10 479,623	131 820,070	12,579	12,108	79	87	23 094	52,847	194,786	3,686	3,215
30	38	97 527	9 692,005	121 340,446	12,520	12,049	80	88	19 207	40,697	141,938	3,488	3,017
31	39	97 405	8 962,830	111 648,441	12,457	11,986	81	89	15 657	30,717	101,241	3,296	2,825
32	40	97 264	8 286,933	102 685,611	12,391	11,920	82	90	12 460	22,635	70,524	3,116	2,645
33	41	97 123	7 661,893	94 398,678	12,321	11,849	83	91	9 740	16,382	47,889	2,923	2,452
34	42	96 971	7 083,302	86 736,786	12,245	11,774	84	92	7 326	11,410	31,506	2,761	2,290
35	43	96 801	6 547,115	79 653,484	12,166	11,695	85	93	5 346	7,709	20,097	2,607	2,136
36	44	96 615	6 050,503	73 106,369	12,083	11,612	86	94	3 762	5,023	12,388	2,466	1,995
37	45	96 418	5 590,878	67 055,866	11,994	11,523	87	95	2 548	3,150	7,365	2,338	1,867
38	46	96 193	5 164,631	61 464,989	11,901	11,430	88	96	1 652	1,891	4,215	2,229	1,758
39	47	95 940	4 769,508	56 300,358	11,804	11,333	89	97	1 032	1,094	2,324	2,124	1,653
40	48	95 661	4 403,372	51 530,850	11,703	11,232	90	98	618	0,606	1,230	2,029	1,558
41	49	95 354	4 064,093	47 127,478	11,596	11,125	91	99	357	0,324	0,624	1,923	1,452
42	50	95 013	3 749,599	43 063,384	11,485	11,014	92	100	194	0,163	0,299	1,833	1,362
43	51	94 638	3 458,153	39 313,786	11,368	10,897							
44	52	94 221	3 187,876	35 855,632	11,247	10,776							
45	53	93 760	2 937,294	32 667,757	11,122	10,651							
46	54	93 249	2 704,915	29 730,463	10,991	10,520							
47	55	92 696	2 489,694	27 025,548	10,855	10,384							
48	56	92 077	2 289,874	24 535,853	10,715	10,244							
49	57	91 404	2 104,753	22 245,979	10,569	10,098							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 578	99 577,903	1 323 455,098	13,291	12,820	50	59	90 259	1 924,429	19 877,067	10,329	9,858
1	10	99 167	91 821,417	1 223 877,195	13,329	12,858	51	60	89 444	1 765,788	17 952,638	10,167	9,696
2	11	99 124	84 982,723	1 132 055,778	13,321	12,850	52	61	88 528	1 618,242	16 186,850	10,003	9,532
3	12	99 097	78 666,312	1 047 073,055	13,310	12,839	53	62	87 561	1 482,018	14 568,608	9,830	9,359
4	13	99 074	72 822,597	968 406,744	13,298	12,827	54	63	86 513	1 355,804	13 086,590	9,652	9,181
5	14	99 050	67 411,983	895 584,147	13,285	12,814	55	64	85 385	1 239,012	11 730,785	9,468	8,997
6	15	99 027	62 403,554	828 172,164	13,271	12,800	56	65	84 186	1 131,121	10 491,773	9,276	8,805
7	16	99 003	57 767,145	765 768,610	13,256	12,785	57	66	82 912	1 031,484	9 360,653	9,075	8,604
8	17	98 977	53 474,326	708 001,465	13,240	12,769	58	67	81 575	939,683	8 329,169	8,864	8,393
9	18	98 950	49 499,814	654 527,139	13,223	12,752	59	68	80 125	854,605	7 389,486	8,647	8,176
10	19	98 920	45 819,216	605 027,324	13,205	12,734	60	69	78 579	776,030	6 534,881	8,421	7,950
11	20	98 890	42 412,284	559 208,109	13,185	12,714	61	70	76 893	703,130	5 758,851	8,190	7,719
12	21	98 860	39 258,530	516 795,825	13,164	12,693	62	71	75 120	636,036	5 055,721	7,949	7,478
13	22	98 828	36 338,833	477 537,295	13,141	12,670	63	72	73 206	573,920	4 419,685	7,701	7,230
14	23	98 797	33 636,391	441 198,462	13,117	12,646	64	73	71 127	516,313	3 845,765	7,449	6,977
15	24	98 758	31 132,587	407 562,072	13,091	12,620	65	74	68 889	463,028	3 329,452	7,191	6,720
16	25	98 716	28 814,159	376 429,485	13,064	12,593	66	75	66 505	413,892	2 866,424	6,926	6,454
17	26	98 664	26 665,922	347 615,325	13,036	12,565	67	76	63 939	368,448	2 452,532	6,656	6,185
18	27	98 604	24 675,644	320 949,403	13,007	12,536	68	77	61 195	326,514	2 084,084	6,383	5,912
19	28	98 524	22 829,227	296 273,759	12,978	12,507	69	78	58 255	287,804	1 757,571	6,107	5,636
20	29	98 445	21 121,159	273 444,532	12,946	12,475	70	79	55 101	252,054	1 469,766	5,831	5,360
21	30	98 359	19 539,524	252 323,374	12,913	12,442	71	80	51 781	219,321	1 217,713	5,552	5,081
22	31	98 276	18 076,987	232 783,849	12,877	12,406	72	81	48 255	189,248	998,392	5,276	4,805
23	32	98 189	16 723,080	214 706,862	12,839	12,368	73	82	44 532	161,711	809,144	5,004	4,533
24	33	98 101	15 470,445	197 983,782	12,798	12,327	74	83	40 653	136,691	647,433	4,736	4,265
25	34	98 009	14 311,054	182 513,337	12,753	12,282	75	84	36 640	114,072	510,742	4,477	4,006
26	35	97 911	13 237,748	168 202,283	12,706	12,235	76	85	32 582	93,923	396,670	4,223	3,752
27	36	97 810	12 244,468	154 964,535	12,656	12,185	77	86	28 487	76,035	302,747	3,982	3,511
28	37	97 702	11 325,011	142 720,067	12,602	12,131	78	87	24 455	60,438	226,712	3,751	3,280
29	38	97 590	10 474,104	131 395,055	12,545	12,074	79	88	20 446	46,788	166,275	3,554	3,083
30	39	97 470	9 686,291	120 920,952	12,484	12,013	80	89	16 798	35,591	119,487	3,357	2,886
31	40	97 337	8 956,527	111 234,661	12,419	11,948	81	90	13 469	26,424	83,895	3,175	2,704
32	41	97 195	8 281,026	102 278,134	12,351	11,880	82	91	10 614	19,281	57,471	2,981	2,510
33	42	97 042	7 655,526	93 997,108	12,278	11,807	83	92	8 053	13,546	38,191	2,819	2,348
34	43	96 880	7 076,601	86 341,582	12,201	11,730	84	93	5 942	9,254	24,645	2,663	2,192
35	44	96 699	6 540,204	79 264,981	12,120	11,649	85	94	4 240	6,114	15,391	2,517	2,046
36	45	96 506	6 043,661	72 724,777	12,033	11,562	86	95	2 914	3,891	9,277	2,385	1,914
37	46	96 288	5 583,316	66 681,116	11,943	11,472	87	96	1 925	2,380	5,387	2,263	1,792
38	47	96 043	5 156,621	61 097,801	11,848	11,377	88	97	1 216	1,392	3,007	2,161	1,690
39	48	95 774	4 761,231	55 941,180	11,749	11,278	89	98	739	0,784	1,615	2,061	1,590
40	49	95 484	4 395,213	51 179,949	11,644	11,173	90	99	430	0,422	0,832	1,972	1,501
41	50	95 154	4 055,591	46 784,736	11,536	11,065	91	100	241	0,219	0,410	1,872	1,401
42	51	94 791	3 740,838	42 729,145	11,422	10,951							
43	52	94 402	3 449,540	38 988,307	11,302	10,831							
44	53	93 960	3 179,043	35 538,767	11,179	10,708							
45	54	93 475	2 928,367	32 359,724	11,050	10,579							
46	55	92 952	2 696,297	29 431,357	10,915	10,444							
47	56	92 363	2 480,737	26 735,061	10,777	10,306							
48	57	91 728	2 281,189	24 254,323	10,632	10,161							
49	58	91 027	2 096,068	21 973,134	10,483	10,012							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 572	99 571,581	1 322 786,969	13,285	12,814	50	60	89 828	1 915,233	19 594,311	10,231	9,760
1	11	99 159	91 814,020	1 223 215,388	13,323	12,852	51	61	88 955	1 756,133	17 679,078	10,067	9,596
2	12	99 116	84 975,973	1 131 401,368	13,314	12,843	52	62	88 024	1 609,042	15 922,945	9,896	9,425
3	13	99 089	78 660,282	1 046 425,395	13,303	12,832	53	63	87 012	1 472,718	14 313,903	9,719	9,248
4	14	99 065	72 815,433	967 765,113	13,291	12,820	54	64	85 936	1 346,763	12 841,185	9,535	9,064
5	15	99 038	67 403,637	894 949,679	13,277	12,806	55	65	84 771	1 230,096	11 494,422	9,344	8,873
6	16	99 013	62 395,095	827 546,042	13,263	12,792	56	66	83 534	1 122,363	10 264,326	9,145	8,674
7	17	98 987	57 757,858	765 150,947	13,248	12,777	57	67	82 230	1 023,005	9 141,963	8,936	8,465
8	18	98 960	53 464,939	707 393,089	13,231	12,760	58	68	80 840	931,207	8 118,957	8,719	8,248
9	19	98 929	49 489,002	653 928,150	13,214	12,743	59	69	79 340	846,234	7 187,750	8,494	8,023
10	20	98 899	45 809,362	604 439,148	13,195	12,724	60	70	77 717	767,519	6 341,516	8,262	7,791
11	21	98 869	42 403,335	558 629,786	13,174	12,703	61	71	75 974	694,729	5 573,998	8,023	7,552
12	22	98 838	39 250,044	516 226,451	13,152	12,681	62	72	74 117	627,549	4 879,269	7,775	7,304
13	23	98 805	36 330,483	476 976,407	13,129	12,658	63	73	72 073	565,039	4 251,719	7,525	7,054
14	24	98 774	33 628,740	440 645,924	13,103	12,632	64	74	69 894	507,362	3 686,680	7,266	6,795
15	25	98 735	31 125,509	407 017,184	13,077	12,606	65	75	67 558	454,080	3 179,318	7,002	6,531
16	26	98 694	28 807,738	375 891,676	13,048	12,577	66	76	65 023	404,670	2 725,238	6,734	6,263
17	27	98 638	26 658,798	347 083,937	13,019	12,548	67	77	62 319	359,109	2 320,568	6,462	5,991
18	28	98 579	24 669,275	320 425,139	12,989	12,518	68	78	59 423	317,060	1 961,459	6,186	5,715
19	29	98 499	22 823,297	295 755,865	12,959	12,487	69	79	56 318	278,232	1 644,400	5,910	5,439
20	30	98 418	21 115,301	272 932,567	12,926	12,455	70	80	53 031	242,589	1 366,167	5,632	5,161
21	31	98 332	19 534,162	251 817,267	12,891	12,420	71	81	49 535	209,808	1 123,578	5,355	4,884
22	32	98 244	18 071,094	232 283,105	12,854	12,383	72	82	45 867	179,881	913,770	5,080	4,609
23	33	98 155	16 717,288	214 212,011	12,814	12,343	73	83	42 000	152,515	733,889	4,812	4,341
24	34	98 065	15 464,848	197 494,723	12,771	12,300	74	84	38 013	127,811	581,374	4,549	4,078
25	35	97 969	14 305,246	182 029,875	12,725	12,254	75	85	33 930	105,632	453,563	4,294	3,823
26	36	97 869	13 232,107	167 724,629	12,676	12,205	76	86	29 803	85,912	347,930	4,050	3,579
27	37	97 764	12 238,759	154 492,522	12,623	12,152	77	87	25 733	68,686	262,019	3,815	3,344
28	38	97 651	11 319,046	142 253,764	12,568	12,097	78	88	21 651	53,508	193,332	3,613	3,142
29	39	97 533	10 467,929	130 934,717	12,508	12,037	79	89	17 881	40,918	139,825	3,417	2,946
30	40	97 401	9 679,479	120 466,789	12,446	11,975	80	90	14 450	30,617	98,907	3,230	2,759
31	41	97 267	8 950,142	110 787,310	12,378	11,907	81	91	11 473	22,508	68,290	3,034	2,563
32	42	97 114	8 274,145	101 837,167	12,308	11,837	82	92	8 776	15,942	45,782	2,872	2,401
33	43	96 950	7 648,284	93 563,022	12,233	11,762	83	93	6 531	10,986	29,840	2,716	2,245
34	44	96 777	7 069,132	85 914,738	12,154	11,682	84	94	4 712	7,339	18,854	2,569	2,098
35	45	96 590	6 532,808	78 845,607	12,069	11,598	85	95	3 284	4,736	11,515	2,431	1,960
36	46	96 376	6 035,486	72 312,799	11,981	11,510	86	96	2 202	2,940	6,779	2,306	1,835
37	47	96 138	5 574,656	66 277,312	11,889	11,418	87	97	1 417	1,752	3,839	2,192	1,721
38	48	95 877	5 147,672	60 702,656	11,792	11,321	88	98	871	0,997	2,088	2,095	1,624
39	49	95 596	4 752,409	55 554,984	11,690	11,219	89	99	514	0,545	1,091	2,001	1,530
40	50	95 284	4 386,018	50 802,576	11,583	11,112	90	100	290	0,285	0,546	1,917	1,446
41	51	94 932	4 046,115	46 416,558	11,472	11,001							
42	52	94 555	3 731,520	42 370,442	11,355	10,884							
43	53	94 141	3 439,982	38 638,922	11,232	10,761							
44	54	93 674	3 169,381	35 198,940	11,106	10,635							
45	55	93 177	2 919,037	32 029,559	10,973	10,502							
46	56	92 618	2 686,597	29 110,523	10,835	10,364							
47	57	92 013	2 471,328	26 423,926	10,692	10,221							
48	58	91 349	2 271,776	23 952,598	10,544	10,073							
49	59	90 612	2 086,511	21 680,822	10,391	9,920							



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 564	99 563,560	1 322 064,673	13,279	12,808	50	61	89 336	1 904,761	19 291,746	10,128	9,657
1	12	99 151	91 806,728	1 222 501,113	13,316	12,845	51	62	88 449	1 746,149	17 386,985	9,957	9,486
2	13	99 108	84 969,459	1 130 694,385	13,307	12,836	52	63	87 472	1 598,946	15 640,837	9,782	9,311
3	14	99 080	78 652,544	1 045 724,926	13,296	12,824	53	64	86 432	1 462,897	14 041,891	9,599	9,128
4	15	99 052	72 806,419	967 072,382	13,283	12,812	54	65	85 317	1 337,072	12 578,994	9,408	8,937
5	16	99 025	67 394,500	894 265,963	13,269	12,798	55	66	84 114	1 220,572	11 241,922	9,210	8,739
6	17	98 997	62 385,064	826 871,463	13,254	12,783	56	67	82 847	1 113,138	10 021,349	9,003	8,532
7	18	98 969	57 747,720	764 486,399	13,238	12,767	57	68	81 489	1 013,778	8 908,212	8,787	8,316
8	19	98 938	53 453,261	706 738,679	13,222	12,751	58	69	80 048	922,086	7 894,434	8,561	8,090
9	20	98 907	49 478,359	653 285,419	13,203	12,732	59	70	78 470	836,953	6 972,348	8,331	7,860
10	21	98 878	45 799,697	603 807,060	13,184	12,713	60	71	76 788	758,348	6 135,395	8,090	7,619
11	22	98 848	42 394,170	558 007,363	13,162	12,691	61	72	74 960	685,459	5 377,047	7,844	7,373
12	23	98 816	39 241,025	515 613,193	13,140	12,669	62	73	72 971	617,838	4 691,588	7,594	7,123
13	24	98 783	36 322,219	476 372,169	13,115	12,644	63	74	70 824	555,244	4 073,750	7,337	6,866
14	25	98 752	33 621,094	440 049,950	13,089	12,617	64	75	68 543	497,558	3 518,506	7,072	6,601
15	26	98 713	31 118,573	406 428,855	13,061	12,590	65	76	66 053	443,963	3 020,948	6,805	6,333
16	27	98 667	28 800,042	375 310,283	13,032	12,561	66	77	63 375	394,412	2 576,985	6,534	6,063
17	28	98 613	26 651,917	346 510,241	13,001	12,530	67	78	60 514	348,711	2 182,573	6,259	5,788
18	29	98 553	24 662,867	319 858,324	12,969	12,498	68	79	57 447	306,515	1 833,862	5,983	5,512
19	30	98 471	22 816,967	295 195,457	12,938	12,466	69	80	54 203	267,785	1 527,347	5,704	5,233
20	31	98 391	21 109,506	272 378,490	12,903	12,432	70	81	50 731	232,067	1 259,563	5,428	4,957
21	32	98 300	19 527,793	251 268,984	12,867	12,396	71	82	47 083	199,423	1 027,496	5,152	4,681
22	33	98 210	18 064,835	231 741,191	12,828	12,357	72	83	43 258	169,652	828,072	4,881	4,410
23	34	98 119	16 711,240	213 676,356	12,786	12,315	73	84	39 272	142,608	658,420	4,617	4,146
24	35	98 026	15 458,572	196 965,116	12,741	12,270	74	85	35 200	118,355	515,813	4,358	3,887
25	36	97 927	14 299,150	181 506,544	12,694	12,222	75	86	31 036	96,622	397,458	4,114	3,642
26	37	97 824	13 225,937	167 207,394	12,642	12,171	76	87	26 922	77,608	300,835	3,876	3,405
27	38	97 712	12 232,312	153 981,458	12,588	12,117	77	88	22 783	60,811	223,227	3,671	3,200
28	39	97 593	11 312,373	141 749,146	12,530	12,059	78	89	18 934	46,795	162,416	3,471	3,000
29	40	97 464	10 460,567	130 436,772	12,469	11,998	79	90	15 382	35,199	115,622	3,285	2,814
30	41	97 332	9 672,579	119 976,205	12,404	11,933	80	91	12 308	26,080	80,423	3,084	2,613
31	42	97 186	8 942,705	110 303,626	12,334	11,863	81	92	9 486	18,611	54,343	2,920	2,449
32	43	97 022	8 266,318	101 360,921	12,262	11,791	82	93	7 117	12,929	35,732	2,764	2,293
33	44	96 848	7 640,211	93 094,603	12,185	11,714	83	94	5 180	8,713	22,803	2,617	2,146
34	45	96 668	7 061,138	85 454,392	12,102	11,631	84	95	3 650	5,685	14,090	2,478	2,007
35	46	96 459	6 523,972	78 393,254	12,016	11,545	85	96	2 481	3,578	8,405	2,349	1,878
36	47	96 226	6 026,126	71 869,283	11,926	11,455	86	97	1 620	2,164	4,826	2,231	1,760
37	48	95 972	5 564,982	65 843,157	11,832	11,361	87	98	1 014	1,254	2,663	2,123	1,652
38	49	95 699	5 138,133	60 278,175	11,732	11,260	88	99	606	0,693	1,409	2,032	1,561
39	50	95 396	4 742,466	55 140,041	11,627	11,156	89	100	347	0,368	0,715	1,944	1,473
40	51	95 062	4 375,770	50 397,575	11,517	11,046							
41	52	94 695	4 036,037	46 021,805	11,403	10,932							
42	53	94 293	3 721,181	41 985,768	11,283	10,812							
43	54	93 855	3 429,527	38 264,587	11,157	10,686							
44	55	93 376	3 159,283	34 835,060	11,026	10,555							
45	56	92 842	2 908,535	31 675,777	10,891	10,420							
46	57	92 267	2 676,407	28 767,241	10,748	10,277							
47	58	91 633	2 461,131	26 090,835	10,601	10,130							
48	59	90 933	2 261,417	23 629,704	10,449	9,978							
49	60	90 179	2 076,540	21 368,286	10,290	9,819							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 556	99 555,653	1 321 285,562	13,272	12,801	50	62	88 828	1 893,931	18 969,050	10,016	9,545
1	13	99 144	91 799,691	1 221 729,910	13,309	12,838	51	63	87 894	1 735,192	17 075,119	9,840	9,369
2	14	99 099	84 961,101	1 129 930,219	13,299	12,828	52	64	86 889	1 588,283	15 339,927	9,658	9,187
3	15	99 067	78 642,807	1 044 969,118	13,288	12,816	53	65	85 810	1 452,371	13 751,644	9,468	8,997
4	16	99 039	72 796,550	966 326,311	13,274	12,803	54	66	84 657	1 326,720	12 299,273	9,270	8,799
5	17	99 009	67 383,666	893 529,762	13,260	12,789	55	67	83 423	1 210,539	10 972,553	9,064	8,593
6	18	98 980	62 374,113	826 146,096	13,245	12,774	56	68	82 100	1 103,097	9 762,014	8,850	8,379
7	19	98 948	57 735,105	763 771,983	13,229	12,758	57	69	80 690	1 003,848	8 658,916	8,626	8,155
8	20	98 917	53 441,765	706 036,878	13,211	12,740	58	70	79 170	911,973	7 655,068	8,394	7,923
9	21	98 887	49 467,919	652 595,113	13,192	12,721	59	71	77 532	826,952	6 743,096	8,154	7,683
10	22	98 857	45 789,798	603 127,193	13,172	12,701	60	72	75 764	748,230	5 916,143	7,907	7,436
11	23	98 825	42 384,428	557 337,396	13,150	12,679	61	73	73 800	674,852	5 167,914	7,658	7,187
12	24	98 793	39 232,099	514 952,968	13,126	12,655	62	74	71 706	607,127	4 493,062	7,401	6,929
13	25	98 760	36 313,961	475 720,869	13,100	12,629	63	75	69 455	544,514	3 885,935	7,137	6,665
14	26	98 730	33 613,602	439 406,908	13,072	12,601	64	76	67 016	486,472	3 341,420	6,869	6,398
15	27	98 687	31 110,259	405 793,306	13,044	12,573	65	77	64 378	432,710	2 854,948	6,598	6,127
16	28	98 642	28 792,608	374 683,047	13,013	12,542	66	78	61 540	382,992	2 422,239	6,325	5,853
17	29	98 587	26 644,994	345 890,439	12,981	12,510	67	79	58 502	337,113	2 039,246	6,049	5,578
18	30	98 526	24 656,027	319 245,445	12,948	12,477	68	80	55 290	295,005	1 702,133	5,770	5,299
19	31	98 444	22 810,705	294 589,418	12,915	12,443	69	81	51 852	256,170	1 407,128	5,493	5,022
20	32	98 358	21 102,623	271 778,713	12,879	12,408	70	82	48 220	220,581	1 150,958	5,218	4,747
21	33	98 266	19 521,030	250 676,090	12,841	12,370	71	83	44 405	188,083	930,377	4,947	4,476
22	34	98 175	18 058,299	231 155,060	12,800	12,329	72	84	40 448	158,631	742,295	4,679	4,208
23	35	98 080	16 704,458	213 096,760	12,757	12,286	73	85	36 366	132,057	583,663	4,420	3,949
24	36	97 984	15 451,984	196 392,303	12,710	12,239	74	86	32 198	108,260	451,607	4,172	3,700
25	37	97 882	14 292,482	180 940,318	12,660	12,189	75	87	28 036	87,284	343,347	3,934	3,463
26	38	97 772	13 218,970	166 647,836	12,607	12,136	76	88	23 835	68,710	256,063	3,727	3,256
27	39	97 655	12 225,101	153 428,866	12,550	12,079	77	89	19 924	53,181	187,353	3,523	3,052
28	40	97 524	11 304,418	141 203,765	12,491	12,020	78	90	16 288	40,254	134,172	3,333	2,862
29	41	97 395	10 453,111	129 899,348	12,427	11,956	79	91	13 102	29,982	93,918	3,132	2,661
30	42	97 251	9 664,542	119 446,237	12,359	11,888	80	92	10 177	21,564	63,935	2,965	2,494
31	43	97 094	8 934,246	109 781,695	12,288	11,817	81	93	7 693	15,094	42,371	2,807	2,336
32	44	96 920	8 257,593	100 847,450	12,213	11,742	82	94	5 645	10,255	27,277	2,660	2,189
33	45	96 738	7 631,571	92 589,857	12,132	11,661	83	95	4 013	6,749	17,023	2,522	2,051
34	46	96 537	7 051,587	84 958,286	12,048	11,577	84	96	2 758	4,295	10,274	2,392	1,921
35	47	96 310	6 513,854	77 906,699	11,960	11,489	85	97	1 826	2,634	5,978	2,270	1,799
36	48	96 059	6 015,668	71 392,845	11,868	11,397	86	98	1 160	1,549	3,345	2,159	1,688
37	49	95 794	5 554,670	65 377,177	11,770	11,299	87	99	706	0,873	1,795	2,058	1,587
38	50	95 499	5 127,384	59 822,507	11,667	11,196	88	100	409	0,468	0,923	1,972	1,501
39	51	95 173	4 731,386	54 695,123	11,560	11,089							
40	52	94 825	4 364,871	49 963,737	11,447	10,976							
41	53	94 433	4 024,854	45 598,866	11,329	10,858							
42	54	94 006	3 709,872	41 574,012	11,206	10,735							
43	55	93 556	3 418,600	37 864,140	11,076	10,605							
44	56	93 040	3 147,917	34 445,540	10,942	10,471							
45	57	92 490	2 897,504	31 297,623	10,802	10,331							
46	58	91 886	2 665,363	28 400,120	10,655	10,184							
47	59	91 215	2 449,909	25 734,756	10,504	10,033							
48	60	90 498	2 250,612	23 284,847	10,346	9,875							
49	61	89 686	2 065,186	21 034,236	10,185	9,714							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	13	99 548	99 548,021	1 320 444,836	13,264	12,793	50	63	88 271	1 882,047	18 624,902	9,896	9,425
1	14	99 134	91 790,660	1 220 896,815	13,301	12,830	51	64	87 308	1 723,621	16 742,855	9,714	9,243
2	15	99 086	84 950,583	1 129 106,154	13,291	12,820	52	65	86 263	1 576,854	15 019,234	9,525	9,054
3	16	99 054	78 632,146	1 044 155,571	13,279	12,808	53	66	85 145	1 441,126	13 442,381	9,328	8,857
4	17	99 023	72 784,847	965 523,425	13,265	12,794	54	67	83 961	1 315,815	12 001,255	9,121	8,650
5	18	98 991	67 371,837	892 738,578	13,251	12,780	55	68	82 670	1 199,621	10 685,440	8,907	8,436
6	19	98 958	62 360,488	825 366,741	13,235	12,764	56	69	81 296	1 092,292	9 485,820	8,684	8,213
7	20	98 927	57 722,689	763 006,253	13,218	12,747	57	70	79 805	992,838	8 393,527	8,454	7,983
8	21	98 896	53 430,490	705 283,564	13,200	12,729	58	71	78 224	901,076	7 400,689	8,213	7,742
9	22	98 865	49 457,227	651 853,074	13,180	12,709	59	72	76 498	815,918	6 499,612	7,966	7,495
10	23	98 834	45 779,275	602 395,848	13,159	12,688	60	73	74 591	736,651	5 683,694	7,716	7,245
11	24	98 803	42 374,787	556 616,572	13,136	12,665	61	74	72 521	663,153	4 947,043	7,460	6,989
12	25	98 771	39 223,180	514 241,785	13,111	12,640	62	75	70 320	595,395	4 283,891	7,195	6,724
13	26	98 738	36 305,869	475 018,606	13,084	12,613	63	76	67 908	532,382	3 688,495	6,928	6,457
14	27	98 703	33 604,622	438 712,737	13,055	12,584	64	77	65 317	474,141	3 156,114	6,656	6,185
15	28	98 662	31 102,229	405 108,115	13,025	12,554	65	78	62 514	420,181	2 681,973	6,383	5,912
16	29	98 616	28 785,129	374 005,886	12,993	12,522	66	79	59 493	370,255	2 261,792	6,109	5,638
17	30	98 560	26 637,604	345 220,757	12,960	12,489	67	80	56 305	324,455	1 891,537	5,830	5,359
18	31	98 499	24 649,260	318 583,153	12,925	12,454	68	81	52 892	282,210	1 567,083	5,553	5,082
19	32	98 412	22 803,268	293 933,893	12,890	12,419	69	82	49 286	243,491	1 284,873	5,277	4,806
20	33	98 324	21 095,315	271 130,625	12,853	12,382	70	83	45 478	208,037	1 041,382	5,006	4,535
21	34	98 230	19 513,968	250 035,310	12,813	12,342	71	84	41 521	175,865	833,346	4,739	4,268
22	35	98 135	18 050,971	230 521,343	12,771	12,300	72	85	37 456	146,895	657,480	4,476	4,005
23	36	98 038	16 697,339	212 470,372	12,725	12,254	73	86	33 264	120,793	510,586	4,227	3,756
24	37	97 938	15 444,779	195 773,033	12,676	12,205	74	87	29 086	97,797	389,793	3,986	3,515
25	38	97 830	14 284,954	180 328,254	12,624	12,153	75	88	24 821	77,276	291,996	3,779	3,308
26	39	97 715	13 211,177	166 043,300	12,568	12,097	76	89	20 845	60,089	214,720	3,573	3,102
27	40	97 586	12 216,503	152 832,123	12,510	12,039	77	90	17 140	45,748	154,631	3,380	2,909
28	41	97 455	11 296,360	140 615,620	12,448	11,977	78	91	13 874	34,289	108,883	3,175	2,704
29	42	97 314	10 444,424	129 319,260	12,382	11,911	79	92	10 834	24,791	74,594	3,009	2,538
30	43	97 159	9 655,399	118 874,835	12,312	11,841	80	93	8 254	17,489	49,803	2,848	2,377
31	44	96 992	8 924,815	109 219,436	12,238	11,767	81	94	6 102	11,971	32,314	2,699	2,228
32	45	96 810	8 248,255	100 294,621	12,159	11,688	82	95	4 373	7,943	20,343	2,561	2,090
33	46	96 607	7 621,249	92 046,366	12,078	11,607	83	96	3 032	5,099	12,400	2,432	1,961
34	47	96 387	7 040,651	84 425,117	11,991	11,520	84	97	2 030	3,161	7,300	2,309	1,838
35	48	96 142	6 502,550	77 384,466	11,901	11,430	85	98	1 308	1,886	4,139	2,195	1,724
36	49	95 881	6 004,521	70 881,917	11,805	11,334	86	99	807	1,078	2,253	2,091	1,619
37	50	95 593	5 543,049	64 877,396	11,704	11,233	87	100	476	0,589	1,175	1,995	1,524
38	51	95 276	5 115,404	59 334,346	11,599	11,128							
39	52	94 936	4 719,601	54 218,942	11,488	11,017							
40	53	94 562	4 352,777	49 499,341	11,372	10,901							
41	54	94 146	4 012,622	45 146,564	11,251	10,780							
42	55	93 707	3 698,051	41 133,943	11,123	10,652							
43	56	93 219	3 406,301	37 435,891	10,990	10,519							
44	57	92 687	3 135,978	34 029,590	10,851	10,380							
45	58	92 108	2 885,548	30 893,612	10,706	10,235							
46	59	91 467	2 653,210	28 008,065	10,556	10,085							
47	60	90 779	2 438,203	25 354,855	10,399	9,928							
48	61	90 004	2 238,305	22 916,652	10,238	9,767							
49	62	89 176	2 053,445	20 678,347	10,070	9,599							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 538	99 538,229	1 319 537,140	13,257	12,786	50	64	87 682	1 869,497	18 258,651	9,767	9,296
1	15	99 122	91 779,297	1 219 998,912	13,293	12,822	51	65	86 680	1 711,218	16 389,154	9,577	9,106
2	16	99 073	84 939,067	1 128 219,614	13,283	12,812	52	66	85 596	1 564,645	14 677,936	9,381	8,910
3	17	99 038	78 619,505	1 043 280,547	13,270	12,799	53	67	84 445	1 429,280	13 113,291	9,175	8,704
4	18	99 006	72 772,070	964 661,042	13,256	12,785	54	68	83 204	1 303,946	11 684,011	8,960	8,489
5	19	98 970	67 357,121	891 888,972	13,241	12,770	55	69	81 861	1 187,870	10 380,065	8,738	8,267
6	20	98 937	62 347,077	824 531,852	13,225	12,754	56	70	80 404	1 080,313	9 192,194	8,509	8,038
7	21	98 906	57 710,510	762 184,774	13,207	12,736	57	71	78 852	980,975	8 111,882	8,269	7,798
8	22	98 875	53 418,941	704 474,264	13,188	12,717	58	72	77 180	889,053	7 130,906	8,021	7,550
9	23	98 843	49 445,862	651 055,323	13,167	12,696	59	73	75 314	803,292	6 241,853	7,770	7,299
10	24	98 812	45 768,863	601 609,461	13,145	12,673	60	74	73 298	723,880	5 438,561	7,513	7,042
11	25	98 780	42 365,153	555 840,599	13,120	12,649	61	75	71 119	650,338	4 714,681	7,250	6,779
12	26	98 749	39 214,439	513 475,446	13,094	12,623	62	76	68 753	582,129	4 064,343	6,982	6,511
13	27	98 712	36 296,169	474 261,007	13,066	12,595	63	77	66 187	518,887	3 482,214	6,711	6,240
14	28	98 678	33 595,947	437 964,838	13,036	12,565	64	78	63 426	460,413	2 963,326	6,436	5,965
15	29	98 636	31 094,150	404 368,890	13,005	12,534	65	79	60 435	406,206	2 502,914	6,162	5,691
16	30	98 589	28 777,145	373 274,740	12,971	12,500	66	80	57 259	356,351	2 096,707	5,884	5,413
17	31	98 533	26 630,294	344 497,594	12,936	12,465	67	81	53 863	310,382	1 740,356	5,607	5,136
18	32	98 467	24 641,224	317 867,301	12,900	12,429	68	82	50 274	268,241	1 429,974	5,331	4,860
19	33	98 378	22 795,370	293 226,077	12,863	12,392	69	83	46 483	229,644	1 161,733	5,059	4,588
20	34	98 289	21 087,683	270 430,707	12,824	12,353	70	84	42 524	194,523	932,089	4,792	4,321
21	35	98 190	19 506,048	249 343,024	12,783	12,312	71	85	38 449	162,854	737,566	4,529	4,058
22	36	98 093	18 043,278	229 836,976	12,738	12,267	72	86	34 261	134,365	574,712	4,277	3,806
23	37	97 992	16 689,553	211 793,697	12,690	12,219	73	87	30 049	109,119	440,347	4,035	3,564
24	38	97 887	15 436,644	195 104,145	12,639	12,168	74	88	25 751	86,583	331,228	3,826	3,355
25	39	97 772	14 276,532	179 667,501	12,585	12,114	75	89	21 707	67,581	244,645	3,620	3,149
26	40	97 646	13 201,886	165 390,968	12,528	12,057	76	90	17 932	51,691	177,065	3,425	2,954
27	41	97 517	12 207,795	152 189,082	12,467	11,996	77	91	14 600	38,968	125,374	3,217	2,746
28	42	97 374	11 286,973	139 981,287	12,402	11,931	78	92	11 472	28,352	86,405	3,048	2,577
29	43	97 222	10 434,545	128 694,314	12,333	11,862	79	93	8 786	20,106	58,054	2,887	2,416
30	44	97 056	9 645,208	118 259,770	12,261	11,790	80	94	6 546	13,871	37,948	2,736	2,265
31	45	96 882	8 914,723	108 614,562	12,184	11,713	81	95	4 727	9,273	24,077	2,596	2,125
32	46	96 680	8 237,098	99 699,839	12,104	11,633	82	96	3 304	6,002	14,804	2,467	1,996
33	47	96 458	7 609,429	91 462,741	12,020	11,549	83	97	2 231	3,753	8,803	2,345	1,874
34	48	96 220	7 028,432	83 853,312	11,931	11,460	84	98	1 453	2,264	5,049	2,231	1,760
35	49	95 964	6 490,501	76 824,879	11,837	11,365	85	99	910	1,312	2,786	2,123	1,652
36	50	95 681	5 991,959	70 334,379	11,738	11,267	86	100	545	0,728	1,474	2,025	1,554
37	51	95 370	5 530,098	64 342,420	11,635	11,164							
38	52	95 039	5 102,663	58 812,321	11,526	11,055							
39	53	94 673	4 706,524	53 709,659	11,412	10,941							
40	54	94 275	4 339,548	49 003,135	11,292	10,821							
41	55	93 846	3 999,837	44 663,587	11,166	10,695							
42	56	93 370	3 684,747	40 663,750	11,036	10,565							
43	57	92 865	3 393,382	36 979,003	10,897	10,426							
44	58	92 304	3 123,038	33 585,621	10,754	10,283							
45	59	91 688	2 872,391	30 462,583	10,605	10,134							
46	60	91 030	2 640,532	27 590,193	10,449	9,978							
47	61	90 283	2 424,871	24 949,661	10,289	9,818							
48	62	89 492	2 225,580	22 524,790	10,121	9,650							
49	63	88 616	2 040,560	20 299,210	9,948	9,477							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 526	99 525,906	1 318 559,341	13,248	12,777	50	65	87 051	1 856,044	17 869,190	9,628	9,157
1	16	99 108	91 766,855	1 219 033,435	13,284	12,813	51	66	86 008	1 697,969	16 013,146	9,431	8,960
2	17	99 057	84 925,412	1 127 266,579	13,274	12,803	52	67	84 892	1 551,784	14 315,177	9,225	8,754
3	18	99 021	78 605,704	1 042 341,167	13,260	12,789	53	68	83 684	1 416,388	12 763,393	9,011	8,540
4	19	98 984	72 756,174	963 735,463	13,246	12,775	54	69	82 389	1 291,174	11 347,004	8,788	8,317
5	20	98 948	67 342,635	890 979,289	13,231	12,759	55	70	80 963	1 174,842	10 055,830	8,559	8,088
6	21	98 916	62 333,923	823 636,654	13,213	12,742	56	71	79 444	1 067,405	8 880,988	8,320	7,849
7	22	98 884	57 698,036	761 302,731	13,195	12,724	57	72	77 800	967,886	7 813,583	8,073	7,602
8	23	98 852	53 406,665	703 604,695	13,174	12,703	58	73	75 986	875,295	6 845,697	7,821	7,350
9	24	98 820	49 434,615	650 198,030	13,153	12,682	59	74	74 008	789,367	5 970,402	7,564	7,092
10	25	98 789	45 758,457	600 763,414	13,129	12,658	60	75	71 882	709,892	5 181,035	7,298	6,827
11	26	98 758	42 355,712	555 004,958	13,103	12,632	61	76	69 535	635,848	4 471,143	7,032	6,561
12	27	98 722	39 203,962	512 649,245	13,076	12,605	62	77	67 010	567,373	3 835,295	6,760	6,289
13	28	98 686	36 286,800	473 445,283	13,047	12,576	63	78	64 270	503,863	3 267,922	6,486	6,015
14	29	98 652	33 587,221	437 158,483	13,016	12,545	64	79	61 317	445,100	2 764,059	6,210	5,739
15	30	98 609	31 085,526	403 571,261	12,983	12,512	65	80	58 166	390,953	2 318,959	5,932	5,461
16	31	98 562	28 769,248	372 485,735	12,947	12,476	66	81	54 776	340,895	1 928,005	5,656	5,185
17	32	98 500	26 621,611	343 716,487	12,911	12,440	67	82	51 197	295,019	1 587,110	5,380	4,909
18	33	98 433	24 632,689	317 094,876	12,873	12,402	68	83	47 415	252,987	1 292,091	5,107	4,636
19	34	98 342	22 787,123	292 462,187	12,835	12,363	69	84	43 463	214,726	1 039,104	4,839	4,368
20	35	98 249	21 079,125	269 675,063	12,793	12,322	70	85	39 378	180,131	824,377	4,577	4,106
21	36	98 148	19 497,736	248 595,938	12,750	12,279	71	86	35 169	148,963	644,246	4,325	3,854
22	37	98 047	18 034,864	229 098,203	12,703	12,232	72	87	30 950	121,379	495,283	4,080	3,609
23	38	97 940	16 680,762	211 063,338	12,653	12,182	73	88	26 604	96,607	373,904	3,870	3,399
24	39	97 829	15 427,543	194 382,576	12,600	12,129	74	89	22 520	75,720	277,297	3,662	3,191
25	40	97 704	14 266,492	178 955,033	12,544	12,073	75	90	18 673	58,135	201,577	3,467	2,996
26	41	97 576	13 192,476	164 688,541	12,484	12,012	76	91	15 274	44,030	143,442	3,258	2,787
27	42	97 436	12 197,651	151 496,065	12,420	11,949	77	92	12 072	32,221	99,412	3,085	2,614
28	43	97 282	11 276,296	139 298,414	12,353	11,882	78	93	9 304	22,994	67,191	2,922	2,451
29	44	97 119	10 423,530	128 022,118	12,282	11,811	79	94	6 969	15,946	44,197	2,772	2,301
30	45	96 947	9 634,301	117 598,588	12,206	11,735	80	95	5 071	10,744	28,250	2,629	2,158
31	46	96 751	8 902,665	107 964,287	12,127	11,656	81	96	3 571	7,006	17,506	2,499	2,028
32	47	96 530	8 224,323	99 061,622	12,045	11,574	82	97	2 432	4,417	10,500	2,377	1,906
33	48	96 290	7 596,224	90 837,299	11,958	11,487	83	98	1 598	2,687	6,083	2,263	1,792
34	49	96 042	7 015,409	83 241,075	11,865	11,394	84	99	1 011	1,575	3,395	2,156	1,685
35	50	95 764	6 476,922	76 225,666	11,769	11,298	85	100	614	0,886	1,820	2,055	1,584
36	51	95 457	5 977,959	69 748,744	11,668	11,197							
37	52	95 132	5 516,324	63 770,785	11,560	11,089							
38	53	94 775	5 088,524	58 254,461	11,448	10,977							
39	54	94 385	4 692,220	53 165,937	11,331	10,860							
40	55	93 974	4 325,721	48 473,717	11,206	10,735							
41	56	93 508	3 985,447	44 147,996	11,077	10,606							
42	57	93 015	3 670,772	40 162,548	10,941	10,470							
43	58	92 482	3 379,380	36 491,777	10,798	10,327							
44	59	91 884	3 108,798	33 112,397	10,651	10,180							
45	60	91 250	2 858,665	30 003,600	10,496	10,025							
46	61	90 532	2 626,094	27 144,934	10,337	9,866							
47	62	89 770	2 411,084	24 518,840	10,169	9,698							
48	63	88 930	2 211,615	22 107,756	9,996	9,525							
49	64	88 025	2 026,952	19 896,141	9,816	9,345							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	16	99 512	99 512,414	1 317 508,471	13,240	12,769	50	66	86 377	1 841,674	17 455,596	9,478	9,007
1	17	99 092	91 752,103	1 217 996,056	13,275	12,804	51	67	85 301	1 684,012	15 613,922	9,272	8,801
2	18	99 040	84 910,505	1 126 243,953	13,264	12,793	52	68	84 126	1 537,788	13 929,910	9,058	8,587
3	19	98 999	78 588,534	1 041 333,449	13,250	12,779	53	69	82 864	1 402,515	12 392,123	8,836	8,365
4	20	98 963	72 740,527	962 744,915	13,235	12,764	54	70	81 485	1 277,013	10 989,608	8,606	8,135
5	21	98 928	67 328,427	890 004,388	13,219	12,748	55	71	79 996	1 160,805	9 712,595	8,367	7,896
6	22	98 895	62 320,449	822 675,961	13,201	12,730	56	72	78 384	1 053,162	8 551,790	8,120	7,649
7	23	98 862	57 684,778	760 355,512	13,181	12,710	57	73	76 596	952,908	7 498,628	7,869	7,398
8	24	98 830	53 394,518	702 670,734	13,160	12,689	58	74	74 669	860,122	6 545,720	7,610	7,139
9	25	98 798	49 423,376	649 276,216	13,137	12,666	59	75	72 578	774,113	5 685,598	7,345	6,874
10	26	98 767	45 748,260	599 852,840	13,112	12,641	60	76	70 280	694,075	4 911,485	7,076	6,605
11	27	98 732	42 344,397	554 104,580	13,086	12,615	61	77	67 772	619,730	4 217,410	6,805	6,334
12	28	98 697	39 193,843	511 760,184	13,057	12,586	62	78	65 070	550,946	3 597,680	6,530	6,059
13	29	98 661	36 277,375	472 566,341	13,026	12,555	63	79	62 133	487,106	3 046,734	6,255	5,784
14	30	98 625	33 577,906	436 288,966	12,993	12,522	64	80	59 014	428,386	2 559,629	5,975	5,504
15	31	98 581	31 076,995	402 711,060	12,958	12,487	65	81	55 643	373,996	2 131,242	5,699	5,228
16	32	98 530	28 759,868	371 634,065	12,922	12,451	66	82	52 065	324,022	1 757,246	5,423	4,952
17	33	98 466	26 612,391	342 874,197	12,884	12,413	67	83	48 285	278,242	1 433,224	5,151	4,680
18	34	98 397	24 623,777	316 261,806	12,844	12,373	68	84	44 335	236,553	1 154,982	4,883	4,411
19	35	98 303	22 777,876	291 638,028	12,804	12,333	69	85	40 248	198,840	918,428	4,619	4,148
20	36	98 207	21 070,142	268 860,153	12,760	12,289	70	86	36 019	164,767	719,588	4,367	3,896
21	37	98 103	19 488,644	247 790,011	12,715	12,244	71	87	31 770	134,566	554,822	4,123	3,652
22	38	97 996	18 025,365	228 301,367	12,666	12,195	72	88	27 401	107,462	420,256	3,911	3,440
23	39	97 883	16 670,928	210 276,002	12,613	12,142	73	89	23 266	84,486	312,794	3,702	3,231
24	40	97 760	15 416,693	193 605,074	12,558	12,087	74	90	19 372	65,137	228,308	3,505	3,034
25	41	97 634	14 256,323	178 188,380	12,499	12,028	75	91	15 906	49,520	163,171	3,295	2,824
26	42	97 495	13 181,513	163 932,057	12,437	11,965	76	92	12 630	36,407	113,652	3,122	2,651
27	43	97 343	12 186,113	150 750,544	12,371	11,900	77	93	9 790	26,132	77,245	2,956	2,485
28	44	97 179	11 264,393	138 564,432	12,301	11,830	78	94	7 379	18,237	51,113	2,803	2,332
29	45	97 009	10 411,743	127 300,038	12,227	11,756	79	95	5 398	12,352	32,876	2,662	2,191
30	46	96 816	9 621,270	116 888,295	12,149	11,678	80	96	3 831	8,118	20,524	2,528	2,057
31	47	96 601	8 888,858	107 267,025	12,068	11,597	81	97	2 628	5,157	12,406	2,406	1,935
32	48	96 362	8 210,051	98 378,168	11,983	11,512	82	98	1 741	3,163	7,249	2,292	1,821
33	49	96 112	7 582,148	90 168,117	11,892	11,421	83	99	1 112	1,870	4,087	2,186	1,715
34	50	95 841	7 000,732	82 585,969	11,797	11,326	84	100	683	1,063	2,217	2,085	1,614
35	51	95 540	6 461,789	75 585,237	11,697	11,226							
36	52	95 219	5 963,070	69 123,448	11,592	11,121							
37	53	94 869	5 501,039	63 160,378	11,482	11,010							
38	54	94 487	5 073,059	57 659,339	11,366	10,895							
39	55	94 085	4 677,270	52 586,280	11,243	10,772							
40	56	93 636	4 310,159	47 909,010	11,115	10,644							
41	57	93 154	3 970,331	43 598,851	10,981	10,510							
42	58	92 632	3 655,625	39 628,520	10,840	10,369							
43	59	92 061	3 363,971	35 972,895	10,694	10,223							
44	60	91 444	3 093,943	32 608,924	10,540	10,069							
45	61	90 751	2 843,035	29 514,981	10,382	9,910							
46	62	90 017	2 611,163	26 671,947	10,215	9,744							
47	63	89 206	2 395,955	24 060,784	10,042	9,571							
48	64	88 337	2 196,866	21 664,828	9,862	9,391							
49	65	87 392	2 012,366	19 467,962	9,674	9,203							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 496	99 496,417	1 316 379,862	13,230	12,759	50	67	85 667	1 826,536	17 016,906	9,316	8,845
1	18	99 075	91 735,997	1 216 883,446	13,265	12,794	51	68	84 532	1 668,823	15 190,371	9,102	8,631
2	19	99 018	84 891,957	1 125 147,449	13,254	12,783	52	69	83 302	1 522,725	13 521,548	8,880	8,409
3	20	98 978	78 571,633	1 040 255,492	13,240	12,769	53	70	81 955	1 387,132	11 998,823	8,650	8,179
4	21	98 942	72 725,180	961 683,859	13,224	12,752	54	71	80 511	1 261,755	10 611,691	8,410	7,939
5	22	98 906	67 313,874	888 958,679	13,206	12,735	55	72	78 928	1 145,316	9 349,936	8,164	7,693
6	23	98 872	62 306,128	821 644,805	13,187	12,716	56	73	77 171	1 036,865	8 204,620	7,913	7,442
7	24	98 839	57 671,657	759 338,677	13,167	12,696	57	74	75 268	936,389	7 167,755	7,655	7,184
8	25	98 807	53 382,378	701 667,020	13,144	12,673	58	75	73 226	843,501	6 231,366	7,388	6,916
9	26	98 776	49 412,362	648 284,642	13,120	12,649	59	76	70 961	756,865	5 387,865	7,119	6,648
10	27	98 741	45 736,038	598 872,279	13,094	12,623	60	77	68 499	676,482	4 631,001	6,846	6,375
11	28	98 706	42 333,466	553 136,241	13,066	12,595	61	78	65 810	601,787	3 954,519	6,571	6,100
12	29	98 671	39 183,663	510 802,775	13,036	12,565	62	79	62 906	532,622	3 352,732	6,295	5,824
13	30	98 633	36 267,313	471 619,112	13,004	12,533	63	80	59 800	468,815	2 820,110	6,015	5,544
14	31	98 598	33 568,691	435 351,799	12,969	12,498	64	81	56 454	409,806	2 351,296	5,738	5,267
15	32	98 549	31 066,863	401 783,108	12,933	12,462	65	82	52 889	355,485	1 941,490	5,462	4,990
16	33	98 496	28 749,908	370 716,245	12,895	12,423	66	83	49 104	305,596	1 586,005	5,190	4,719
17	34	98 431	26 602,763	341 966,338	12,855	12,383	67	84	45 149	260,168	1 280,409	4,921	4,450
18	35	98 357	24 613,785	315 363,575	12,812	12,341	68	85	41 055	219,052	1 020,241	4,658	4,186
19	36	98 261	22 768,169	290 749,790	12,770	12,299	69	86	36 815	181,880	801,189	4,405	3,934
20	37	98 161	21 060,316	267 981,621	12,724	12,253	70	87	32 538	148,842	619,310	4,161	3,690
21	38	98 051	19 478,379	246 921,305	12,677	12,206	71	88	28 127	119,136	470,468	3,949	3,478
22	39	97 938	18 014,738	227 442,926	12,625	12,154	72	89	23 963	93,979	351,331	3,738	3,267
23	40	97 814	16 659,204	209 428,188	12,571	12,100	73	90	20 014	72,678	257,352	3,541	3,070
24	41	97 690	15 405,704	192 768,984	12,513	12,042	74	91	16 502	55,484	184,674	3,328	2,857
25	42	97 553	14 244,476	177 363,279	12,451	11,980	75	92	13 152	40,946	129,190	3,155	2,684
26	43	97 403	13 169,044	163 118,803	12,387	11,915	76	93	10 243	29,526	88,245	2,989	2,518
27	44	97 241	12 173,250	149 949,759	12,318	11,847	77	94	7 765	20,726	58,718	2,833	2,362
28	45	97 069	11 251,655	137 776,509	12,245	11,774	78	95	5 716	14,126	37,993	2,689	2,218
29	46	96 878	10 397,661	126 524,854	12,169	11,698	79	96	4 078	9,333	23,866	2,557	2,086
30	47	96 665	9 606,348	116 127,193	12,089	11,618	80	97	2 820	5,975	14,534	2,432	1,961
31	48	96 434	8 873,432	106 520,845	12,004	11,533	81	98	1 882	3,692	8,559	2,318	1,847
32	49	96 183	8 194,838	97 647,413	11,916	11,445	82	99	1 211	2,200	4,866	2,211	1,740
33	50	95 911	7 566,286	89 452,576	11,823	11,351	83	100	750	1,262	2,666	2,112	1,641
34	51	95 617	6 984,375	81 886,290	11,724	11,253							
35	52	95 302	6 445,694	74 901,915	11,620	11,149							
36	53	94 955	5 946,547	68 456,221	11,512	11,041							
37	54	94 581	5 484,321	62 509,674	11,398	10,927							
38	55	94 186	5 056,896	57 025,354	11,277	10,806							
39	56	93 746	4 660,443	51 968,458	11,151	10,680							
40	57	93 281	4 293,811	47 308,015	11,018	10,547							
41	58	92 769	3 953,948	43 014,204	10,879	10,408							
42	59	92 209	3 638,957	39 060,255	10,734	10,263							
43	60	91 621	3 347,897	35 421,299	10,580	10,109							
44	61	90 944	3 077,026	32 073,402	10,424	9,952							
45	62	90 235	2 826,871	28 996,377	10,257	9,786							
46	63	89 453	2 594,779	26 169,506	10,085	9,614							
47	64	88 611	2 379,977	23 574,727	9,905	9,434							
48	65	87 702	2 181,058	21 194,750	9,718	9,247							
49	66	86 715	1 996,786	19 013,692	9,522	9,051							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 479	99 478,951	1 315 169,933	13,221	12,750	50	68	84 895	1 810,061	16 551,930	9,144	8,673
1	19	99 053	91 715,958	1 215 690,981	13,255	12,784	51	69	83 704	1 652,476	14 741,869	8,921	8,450
2	20	98 997	84 873,700	1 123 975,023	13,243	12,772	52	70	82 389	1 506,024	13 089,393	8,691	8,220
3	21	98 957	78 555,055	1 039 101,323	13,228	12,757	53	71	80 976	1 370,559	11 583,369	8,452	7,981
4	22	98 920	72 709,461	960 546,267	13,211	12,740	54	72	79 437	1 244,919	10 212,810	8,204	7,733
5	23	98 883	67 298,405	887 836,807	13,193	12,721	55	73	77 707	1 127,592	8 967,891	7,953	7,482
6	24	98 850	62 291,956	820 538,401	13,172	12,701	56	74	75 833	1 018,890	7 840,299	7,695	7,224
7	25	98 817	57 658,545	758 246,445	13,151	12,680	57	75	73 814	918,294	6 821,408	7,428	6,957
8	26	98 785	53 370,483	700 587,900	13,127	12,656	58	76	71 594	824,706	5 903,114	7,158	6,687
9	27	98 749	49 399,162	647 217,417	13,102	12,631	59	77	69 162	737,680	5 078,408	6,884	6,413
10	28	98 715	45 724,232	597 818,256	13,074	12,603	60	78	66 515	656,895	4 340,728	6,608	6,137
11	29	98 681	42 322,471	552 094,024	13,045	12,574	61	79	63 621	581,772	3 683,833	6,332	5,861
12	30	98 644	39 172,795	509 771,553	13,013	12,542	62	80	60 544	512,622	3 102,061	6,051	5,580
13	31	98 606	36 257,360	470 598,758	12,979	12,508	63	81	57 206	448,481	2 589,439	5,774	5,303
14	32	98 566	33 557,746	434 341,398	12,943	12,472	64	82	53 660	389,522	2 140,959	5,496	5,025
15	33	98 515	31 056,103	400 783,652	12,905	12,434	65	83	49 881	335,269	1 751,436	5,224	4,753
16	34	98 460	28 739,506	369 727,549	12,865	12,394	66	84	45 914	285,745	1 416,167	4,956	4,485
17	35	98 391	26 591,967	340 988,043	12,823	12,352	67	85	41 808	240,919	1 130,422	4,692	4,221
18	36	98 315	24 603,295	314 396,076	12,779	12,308	68	86	37 553	200,368	889,503	4,439	3,968
19	37	98 215	22 757,552	289 792,780	12,734	12,263	69	87	33 257	164,301	689,136	4,194	3,723
20	38	98 110	21 049,224	267 035,229	12,686	12,215	70	88	28 807	131,776	524,834	3,983	3,512
21	39	97 993	19 466,895	245 986,005	12,636	12,165	71	89	24 599	104,189	393,059	3,773	3,302
22	40	97 869	18 002,069	226 519,110	12,583	12,112	72	90	20 614	80,844	288,869	3,573	3,102
23	41	97 744	16 647,329	208 517,040	12,526	12,055	73	91	17 048	61,907	208,026	3,360	2,889
24	42	97 609	15 392,903	191 869,711	12,465	11,994	74	92	13 644	45,877	146,118	3,185	2,714
25	43	97 461	14 231,002	176 476,808	12,401	11,930	75	93	10 666	33,208	100,241	3,019	2,548
26	44	97 300	13 155,144	162 245,807	12,333	11,862	76	94	8 124	23,418	67,034	2,862	2,391
27	45	97 131	12 159,484	149 090,663	12,261	11,790	77	95	6 015	16,054	43,616	2,717	2,246
28	46	96 938	11 236,437	136 931,179	12,186	11,715	78	96	4 319	10,673	27,561	2,582	2,111
29	47	96 728	10 381,535	125 694,743	12,108	11,636	79	97	3 002	6,869	16,888	2,459	1,988
30	48	96 498	9 589,677	115 313,208	12,025	11,554	80	98	2 019	4,278	10,019	2,342	1,871
31	49	96 255	8 856,990	105 723,531	11,937	11,466	81	99	1 309	2,569	5,741	2,235	1,764
32	50	95 982	8 177,694	96 866,541	11,845	11,374	82	100	818	1,486	3,172	2,135	1,664
33	51	95 687	7 548,607	88 688,848	11,749	11,278							
34	52	95 379	6 966,979	81 140,240	11,646	11,175							
35	53	95 038	6 427,834	74 173,262	11,539	11,068							
36	54	94 667	5 928,474	67 745,428	11,427	10,956							
37	55	94 279	5 466,847	61 816,954	11,308	10,837							
38	56	93 847	5 038,703	56 350,107	11,183	10,712							
39	57	93 391	4 642,766	51 311,404	11,052	10,581							
40	58	92 896	4 276,094	46 668,637	10,914	10,443							
41	59	92 346	3 935,920	42 392,543	10,771	10,300							
42	60	91 769	3 621,568	38 456,624	10,619	10,148							
43	61	91 120	3 329,591	34 835,055	10,462	9,991							
44	62	90 427	3 059,531	31 505,465	10,297	9,826							
45	63	89 669	2 809,133	28 445,933	10,126	9,655							
46	64	88 856	2 577,475	25 636,801	9,946	9,475							
47	65	87 974	2 362,852	23 059,326	9,759	9,288							
48	66	87 023	2 164,171	20 696,474	9,563	9,092							
49	67	86 002	1 980,373	18 532,303	9,358	8,887							



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 457	99 457,221	1 313 873,690	13,210	12,739	50	69	84 063	1 792,331	16 060,011	8,960	8,489
1	20	99 032	91 696,234	1 214 416,469	13,244	12,773	51	70	82 786	1 634,353	14 267,680	8,730	8,259
2	21	98 976	84 855,793	1 122 720,235	13,231	12,760	52	71	81 404	1 488,030	12 633,327	8,490	8,019
3	22	98 935	78 538,076	1 037 864,442	13,215	12,744	53	72	79 896	1 352,271	11 145,297	8,242	7,771
4	23	98 898	72 692,752	959 326,366	13,197	12,726	54	73	78 208	1 225,654	9 793,026	7,990	7,519
5	24	98 861	67 283,098	886 633,613	13,178	12,707	55	74	76 360	1 108,045	8 567,372	7,732	7,261
6	25	98 827	62 277,794	819 350,515	13,156	12,685	56	75	74 367	999,201	7 459,327	7,465	6,994
7	26	98 795	57 645,696	757 072,721	13,133	12,662	57	76	72 169	897,834	6 460,126	7,195	6,724
8	27	98 759	53 356,224	699 427,025	13,109	12,638	58	77	69 779	803,802	5 562,292	6,920	6,449
9	28	98 724	49 386,410	646 070,801	13,082	12,611	59	78	67 160	716,321	4 758,490	6,643	6,172
10	29	98 690	45 712,356	596 684,391	13,053	12,582	60	79	64 303	635,048	4 042,169	6,365	5,894
11	30	98 653	42 310,732	550 972,035	13,022	12,551	61	80	61 232	559,926	3 407,122	6,085	5,614
12	31	98 617	39 162,044	508 661,303	12,989	12,518	62	81	57 918	490,388	2 847,195	5,806	5,335
13	32	98 574	36 245,539	469 499,259	12,953	12,482	63	82	54 374	426,283	2 356,808	5,529	5,058
14	33	98 531	33 546,124	433 253,719	12,915	12,444	64	83	50 609	367,371	1 930,525	5,255	4,784
15	34	98 480	31 044,867	399 707,596	12,875	12,404	65	84	46 641	313,491	1 563,154	4,986	4,515
16	35	98 420	28 727,843	368 662,728	12,833	12,362	66	85	42 517	264,604	1 249,664	4,723	4,252
17	36	98 349	26 580,635	339 934,885	12,789	12,318	67	86	38 242	220,370	985,060	4,470	3,999
18	37	98 269	24 591,822	313 354,251	12,742	12,271	68	87	33 923	181,002	764,690	4,225	3,754
19	38	98 163	22 745,565	288 762,428	12,695	12,224	69	88	29 443	145,462	583,688	4,013	3,542
20	39	98 052	21 036,814	266 016,863	12,645	12,174	70	89	25 193	115,243	438,225	3,803	3,332
21	40	97 924	19 453,205	244 980,049	12,593	12,122	71	90	21 160	89,627	322,983	3,604	3,133
22	41	97 799	17 989,237	225 526,844	12,537	12,066	72	91	17 559	68,863	233,356	3,389	2,918
23	42	97 663	16 633,496	207 537,607	12,477	12,006	73	92	14 096	51,188	164,493	3,213	2,742
24	43	97 517	15 378,342	190 904,111	12,414	11,943	74	93	11 066	37,207	113,304	3,045	2,574
25	44	97 358	14 215,980	175 525,769	12,347	11,876	75	94	8 460	26,337	76,097	2,889	2,418
26	45	97 190	13 140,267	161 309,789	12,276	11,805	76	95	6 293	18,140	49,760	2,743	2,272
27	46	96 999	12 143,037	148 169,521	12,202	11,731	77	96	4 544	12,130	31,620	2,607	2,136
28	47	96 788	11 219,010	136 026,484	12,125	11,654	78	97	3 179	7,856	19,490	2,481	2,010
29	48	96 560	10 363,518	124 807,474	12,043	11,572	79	98	2 149	4,919	11,635	2,365	1,894
30	49	96 319	9 571,908	114 443,956	11,956	11,485	80	99	1 405	2,976	6,716	2,256	1,785
31	50	96 053	8 838,460	104 872,048	11,865	11,394	81	100	884	1,734	3,740	2,156	1,685
32	51	95 758	8 158,587	96 033,588	11,771	11,300							
33	52	95 448	7 529,805	87 875,001	11,670	11,199							
34	53	95 115	6 947,674	80 345,196	11,564	11,093							
35	54	94 749	6 408,299	73 397,521	11,454	10,982							
36	55	94 365	5 909,585	66 989,223	11,336	10,865							
37	56	93 940	5 447,179	61 079,638	11,213	10,742							
38	57	93 491	5 019,592	55 632,458	11,083	10,612							
39	58	93 005	4 623,609	50 612,866	10,947	10,476							
40	59	92 473	4 256,597	45 989,257	10,804	10,333							
41	60	91 905	3 917,112	41 732,661	10,654	10,183							
42	61	91 267	3 601,766	37 815,548	10,499	10,028							
43	62	90 602	3 310,660	34 213,782	10,334	9,863							
44	63	89 860	3 040,333	30 903,122	10,164	9,693							
45	64	89 071	2 790,400	27 862,788	9,985	9,514							
46	65	88 217	2 558,928	25 072,389	9,798	9,327							
47	66	87 293	2 344,557	22 513,461	9,602	9,131							
48	67	86 307	2 146,382	20 168,903	9,397	8,926							
49	68	85 227	1 962,510	18 022,521	9,183	8,712							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	20	99 436	99 435,833	1 312 488,790	13,199	12,728	50	70	83 141	1 772,673	15 540,362	8,767	8,296
1	21	99 011	91 676,887	1 213 052,958	13,232	12,761	51	71	81 797	1 614,825	13 767,689	8,526	8,055
2	22	98 954	84 837,452	1 121 376,070	13,218	12,747	52	72	80 318	1 468,175	12 152,864	8,278	7,806
3	23	98 913	78 520,028	1 036 538,619	13,201	12,730	53	73	78 659	1 331,345	10 684,689	8,025	7,554
4	24	98 875	72 676,218	958 018,590	13,182	12,711	54	74	76 852	1 204,407	9 353,344	7,766	7,295
5	25	98 838	67 267,801	885 342,372	13,161	12,690	55	75	74 884	1 086,633	8 148,938	7,499	7,028
6	26	98 805	62 263,916	818 074,571	13,139	12,668	56	76	72 711	976,938	7 062,304	7,229	6,758
7	27	98 768	57 630,296	755 810,655	13,115	12,644	57	77	70 340	875,076	6 085,367	6,954	6,483
8	28	98 733	53 342,451	698 180,360	13,089	12,618	58	78	67 759	780,528	5 210,291	6,675	6,204
9	29	98 698	49 373,583	644 837,908	13,060	12,589	59	79	64 926	692,497	4 429,763	6,397	5,926
10	30	98 662	45 699,677	595 464,326	13,030	12,559	60	80	61 888	611,201	3 737,265	6,115	5,644
11	31	98 626	42 299,120	549 764,649	12,997	12,526	61	81	58 576	535,641	3 126,064	5,836	5,365
12	32	98 585	39 149,276	507 465,528	12,962	12,491	62	82	55 051	466,116	2 590,424	5,557	5,086
13	33	98 540	36 232,986	468 316,252	12,925	12,454	63	83	51 282	402,041	2 124,308	5,284	4,813
14	34	98 496	33 533,987	432 083,266	12,885	12,414	64	84	47 321	343,507	1 722,267	5,014	4,543
15	35	98 440	31 032,269	398 549,279	12,843	12,372	65	85	43 190	290,297	1 378,760	4,749	4,278
16	36	98 378	28 715,600	367 517,010	12,799	12,327	66	86	38 891	242,034	1 088,464	4,497	4,026
17	37	98 303	26 568,240	338 801,410	12,752	12,281	67	87	34 546	199,071	846,429	4,252	3,781
18	38	98 218	24 578,870	312 233,170	12,703	12,232	68	88	30 034	160,248	647,358	4,040	3,569
19	39	98 105	22 732,155	287 654,300	12,654	12,183	69	89	25 749	127,212	487,109	3,829	3,358
20	40	97 983	21 022,020	264 922,145	12,602	12,131	70	90	21 672	99,135	359,897	3,630	3,159
21	41	97 854	19 439,339	243 900,125	12,547	12,076	71	91	18 025	76,344	260,762	3,416	2,945
22	42	97 718	17 974,289	224 460,787	12,488	12,017	72	92	14 519	56,940	184,417	3,239	2,768
23	43	97 571	16 617,761	206 486,498	12,426	11,955	73	93	11 432	41,515	127,478	3,071	2,600
24	44	97 414	15 362,109	189 868,737	12,360	11,889	74	94	8 777	29,510	85,963	2,913	2,442
25	45	97 248	14 199,905	174 506,627	12,289	11,818	75	95	6 553	20,401	56,453	2,767	2,296
26	46	97 059	13 122,494	160 306,723	12,216	11,745	76	96	4 754	13,705	36,052	2,630	2,159
27	47	96 849	12 124,204	147 184,228	12,140	11,669	77	97	3 345	8,928	22,347	2,503	2,032
28	48	96 620	11 199,540	135 060,024	12,059	11,588	78	98	2 276	5,625	13,419	2,386	1,915
29	49	96 381	10 344,315	123 860,484	11,974	11,503	79	99	1 495	3,422	7,794	2,278	1,807
30	50	96 117	9 551,883	113 516,169	11,884	11,413	80	100	948	2,009	4,372	2,176	1,705
31	51	95 829	8 817,810	103 964,286	11,790	11,319							
32	52	95 519	8 138,265	95 146,476	11,691	11,220							
33	53	95 184	7 508,941	87 008,211	11,587	11,116							
34	54	94 826	6 926,559	79 499,270	11,477	11,006							
35	55	94 447	6 387,881	72 572,711	11,361	10,890							
36	56	94 026	5 888,325	66 184,830	11,240	10,769							
37	57	93 584	5 426,519	60 296,505	11,111	10,640							
38	58	93 106	4 998,880	54 869,986	10,976	10,505							
39	59	92 581	4 602,527	49 871,106	10,836	10,365							
40	60	92 031	4 236,257	45 268,579	10,686	10,215							
41	61	91 403	3 895,694	41 032,322	10,533	10,062							
42	62	90 748	3 581,288	37 136,628	10,370	9,899							
43	63	90 033	3 289,887	33 555,339	10,200	9,728							
44	64	89 261	3 020,058	30 265,453	10,021	9,550							
45	65	88 430	2 770,320	27 245,394	9,835	9,364							
46	66	87 534	2 539,116	24 475,074	9,639	9,168							
47	67	86 575	2 325,286	21 935,958	9,434	8,963							
48	68	85 529	2 127,023	19 610,672	9,220	8,749							
49	69	84 392	1 943,287	17 483,650	8,997	8,526							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	21	99 415	99 414,853	1 311 007,733	13,187	12,716	50	71	82 148	1 751,493	14 992,878	8,560	8,089
1	22	98 990	91 657,072	1 211 592,881	13,219	12,748	51	72	80 706	1 593,278	13 241,385	8,311	7,840
2	23	98 932	84 817,957	1 119 935,809	13,204	12,733	52	73	79 075	1 445,455	11 648,106	8,058	7,587
3	24	98 890	78 502,168	1 035 117,852	13,186	12,715	53	74	77 296	1 308,265	10 202,652	7,799	7,328
4	25	98 853	72 659,695	956 615,684	13,166	12,695	54	75	75 367	1 181,133	8 894,386	7,530	7,059
5	26	98 816	67 252,811	883 955,989	13,144	12,673	55	76	73 216	1 062,422	7 713,254	7,260	6,789
6	27	98 779	62 247,282	816 703,178	13,120	12,649	56	77	70 867	952,175	6 650,832	6,985	6,514
7	28	98 743	57 615,419	754 455,897	13,095	12,624	57	78	68 303	849,738	5 698,657	6,706	6,235
8	29	98 708	53 328,596	696 840,477	13,067	12,596	58	79	65 505	754,570	4 848,919	6,426	5,955
9	30	98 671	49 359,888	643 511,881	13,037	12,566	59	80	62 488	666,494	4 094,349	6,143	5,672
10	31	98 635	45 687,135	594 151,992	13,005	12,534	60	81	59 204	584,691	3 427,856	5,863	5,392
11	32	98 594	42 285,330	548 464,857	12,971	12,500	61	82	55 677	509,129	2 843,164	5,584	5,113
12	33	98 550	39 135,717	506 179,527	12,934	12,463	62	83	51 921	439,609	2 334,036	5,309	4,838
13	34	98 504	36 219,877	467 043,810	12,895	12,424	63	84	47 951	375,925	1 894,427	5,039	4,568
14	35	98 456	33 520,378	430 823,933	12,853	12,382	64	85	43 820	318,092	1 518,502	4,774	4,303
15	36	98 398	31 019,044	397 303,555	12,808	12,337	65	86	39 506	265,536	1 200,410	4,521	4,050
16	37	98 332	28 702,210	366 284,511	12,762	12,290	66	87	35 132	218,642	934,874	4,276	3,805
17	38	98 251	26 554,246	337 582,301	12,713	12,242	67	88	30 585	176,246	716,232	4,064	3,593
18	39	98 160	24 564,379	311 028,055	12,662	12,191	68	89	26 266	140,143	539,987	3,853	3,382
19	40	98 036	22 716,169	286 463,676	12,611	12,140	69	90	22 150	109,432	399,843	3,654	3,183
20	41	97 913	21 007,035	263 747,507	12,555	12,084	70	91	18 460	84,444	290,412	3,439	2,968
21	42	97 773	19 423,185	242 740,472	12,497	12,026	71	92	14 904	63,126	205,968	3,263	2,792
22	43	97 626	17 957,286	223 317,287	12,436	11,965	72	93	11 775	46,179	142,842	3,093	2,622
23	44	97 468	16 600,221	205 360,001	12,371	11,900	73	94	9 067	32,926	96,663	2,936	2,465
24	45	97 304	15 344,737	188 759,780	12,301	11,830	74	95	6 798	22,858	63,737	2,788	2,317
25	46	97 116	14 180,698	173 415,043	12,229	11,758	75	96	4 951	15,414	40,878	2,652	2,181
26	47	96 908	13 102,143	159 234,344	12,153	11,682	76	97	3 499	10,087	25,464	2,524	2,053
27	48	96 681	12 103,164	146 132,202	12,074	11,603	77	98	2 395	6,393	15,377	2,405	1,934
28	49	96 441	11 178,788	134 029,038	11,990	11,519	78	99	1 583	3,913	8,984	2,296	1,825
29	50	96 179	10 322,674	122 850,250	11,901	11,430	79	100	1 010	2,310	5,071	2,195	1,724
30	51	95 893	9 529,565	112 527,576	11,808	11,337							
31	52	95 590	8 795,846	102 998,011	11,710	11,239							
32	53	95 255	8 115,716	94 202,165	11,607	11,136							
33	54	94 894	7 486,120	86 086,449	11,499	11,028							
34	55	94 523	6 904,490	78 600,329	11,384	10,913							
35	56	94 107	6 364,900	71 695,839	11,264	10,793							
36	57	93 669	5 865,991	65 330,939	11,137	10,666							
37	58	93 198	5 404,128	59 464,947	11,004	10,533							
38	59	92 681	4 976,087	54 060,820	10,864	10,393							
39	60	92 139	4 580,535	49 084,733	10,716	10,245							
40	61	91 527	4 213,094	44 504,199	10,563	10,092							
41	62	90 883	3 873,545	40 291,105	10,402	9,931							
42	63	90 179	3 558,817	36 417,560	10,233	9,762							
43	64	89 433	3 267,948	32 858,743	10,055	9,584							
44	65	88 618	2 998,327	29 590,795	9,869	9,398							
45	66	87 745	2 748,871	26 592,469	9,674	9,203							
46	67	86 814	2 518,245	23 843,597	9,468	8,997							
47	68	85 794	2 304,312	21 325,352	9,255	8,783							
48	69	84 691	2 106,188	19 021,040	9,031	8,560							
49	70	83 466	1 921,974	16 914,852	8,801	8,330							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 393	99 393,364	1 309 422,348	13,174	12,703	50	72	81 052	1 728,123	14 417,014	8,343	7,872
1	23	98 967	91 636,009	1 210 028,984	13,205	12,734	51	73	79 457	1 568,622	12 688,891	8,089	7,618
2	24	98 909	84 798,664	1 118 392,974	13,189	12,718	52	74	77 704	1 420,397	11 120,269	7,829	7,358
3	25	98 868	78 484,321	1 033 594,310	13,169	12,698	53	75	75 802	1 282,984	9 699,872	7,560	7,089
4	26	98 831	72 643,503	955 109,989	13,148	12,677	54	76	73 688	1 154,816	8 416,887	7,289	6,817
5	27	98 790	67 234,844	882 466,486	13,125	12,654	55	77	71 360	1 035,492	7 262,072	7,013	6,542
6	28	98 753	62 231,214	815 231,643	13,100	12,629	56	78	68 816	924,605	6 226,580	6,734	6,263
7	29	98 717	57 600,455	753 000,429	13,073	12,602	57	79	66 031	821,478	5 301,975	6,454	5,983
8	30	98 680	53 313,805	695 399,974	13,044	12,572	58	80	63 046	726,235	4 480,497	6,169	5,698
9	31	98 644	49 346,342	642 086,169	13,012	12,541	59	81	59 778	637,586	3 754,262	5,888	5,417
10	32	98 603	45 672,240	592 739,827	12,978	12,507	60	82	56 274	555,752	3 116,676	5,608	5,137
11	33	98 560	42 270,685	547 067,587	12,942	12,471	61	83	52 511	480,176	2 560,925	5,333	4,862
12	34	98 515	39 121,558	504 796,902	12,903	12,432	62	84	48 548	411,052	2 080,749	5,062	4,591
13	35	98 464	36 205,178	465 675,344	12,862	12,391	63	85	44 403	348,112	1 669,697	4,796	4,325
14	36	98 414	33 506,093	429 470,166	12,818	12,347	64	86	40 082	290,960	1 321,585	4,542	4,071
15	37	98 352	31 004,579	395 964,073	12,771	12,300	65	87	35 688	239,872	1 030,625	4,297	3,826
16	38	98 280	28 687,092	364 959,493	12,722	12,251	66	88	31 104	193,572	790,753	4,085	3,614
17	39	98 193	26 538,591	336 272,401	12,671	12,200	67	89	26 748	154,133	597,181	3,874	3,403
18	40	98 091	24 547,104	309 733,810	12,618	12,147	68	90	22 595	120,556	443,047	3,675	3,204
19	41	97 966	22 699,977	285 186,706	12,563	12,092	69	91	18 868	93,214	322,492	3,460	2,989
20	42	97 832	20 989,579	262 486,729	12,506	12,035	70	92	15 264	69,823	229,277	3,284	2,813
21	43	97 681	19 404,812	241 497,151	12,445	11,974	71	93	12 087	51,196	159,454	3,115	2,644
22	44	97 522	17 938,331	222 092,339	12,381	11,910	72	94	9 339	36,625	108,258	2,956	2,485
23	45	97 357	16 581,449	204 154,008	12,312	11,841	73	95	7 024	25,505	71,633	2,809	2,338
24	46	97 172	15 323,983	187 572,559	12,240	11,769	74	96	5 137	17,271	46,128	2,671	2,200
25	47	96 966	14 158,705	172 248,576	12,166	11,695	75	97	3 644	11,345	28,857	2,544	2,073
26	48	96 740	13 079,405	158 089,871	12,087	11,616	76	98	2 506	7,223	17,512	2,425	1,953
27	49	96 502	12 080,737	145 010,466	12,003	11,532	77	99	1 666	4,447	10,289	2,314	1,842
28	50	96 239	11 155,401	132 929,729	11,916	11,445	78	100	1 069	2,642	5,842	2,211	1,740
29	51	95 954	10 298,556	121 774,328	11,824	11,353							
30	52	95 654	9 505,829	111 475,772	11,727	11,256							
31	53	95 325	8 771,475	101 969,944	11,625	11,154							
32	54	94 965	8 091,050	93 198,469	11,519	11,048							
33	55	94 592	7 462,268	85 107,419	11,405	10,934							
34	56	94 183	6 879,651	77 645,150	11,286	10,815							
35	57	93 750	6 340,759	70 765,499	11,160	10,689							
36	58	93 283	5 841,787	64 424,741	11,028	10,557							
37	59	92 773	5 379,487	58 582,954	10,890	10,419							
38	60	92 238	4 952,309	53 203,467	10,743	10,272							
39	61	91 635	4 555,489	48 251,158	10,592	10,121							
40	62	91 007	4 189,140	43 695,669	10,431	9,960							
41	63	90 313	3 849,240	39 506,529	10,263	9,792							
42	64	89 577	3 535,084	35 657,289	10,087	9,616							
43	65	88 789	3 244,432	32 122,205	9,901	9,430							
44	66	87 932	2 975,112	28 877,773	9,706	9,235							
45	67	87 024	2 726,276	25 902,661	9,501	9,030							
46	68	86 031	2 495,531	23 176,385	9,287	8,816							
47	69	84 954	2 281,741	20 680,853	9,064	8,593							
48	70	83 762	2 083,088	18 399,112	8,833	8,362							
49	71	82 469	1 899,010	16 316,024	8,592	8,121							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 371	99 370,524	1 307 724,803	13,160	12,689	50	73	79 797	1 701,380	13 812,918	8,119	7,648
1	24	98 944	91 615,166	1 208 354,278	13,189	12,718	51	74	78 079	1 541,429	12 111,538	7,857	7,386
2	25	98 887	84 779,385	1 116 739,112	13,172	12,701	52	75	76 203	1 392,949	10 570,109	7,588	7,117
3	26	98 846	78 466,831	1 031 959,727	13,152	12,680	53	76	74 113	1 254,398	9 177,160	7,316	6,845
4	27	98 804	72 624,096	953 492,896	13,129	12,658	54	77	71 820	1 125,544	7 922,762	7,039	6,568
5	28	98 765	67 217,488	880 868,800	13,105	12,634	55	78	69 294	1 005,510	6 797,218	6,760	6,289
6	29	98 727	62 215,050	813 651,312	13,078	12,607	56	79	66 527	893,854	5 791,708	6,479	6,008
7	30	98 690	57 584,479	751 436,262	13,049	12,578	57	80	63 552	790,631	4 897,854	6,195	5,724
8	31	98 653	53 299,174	693 851,783	13,018	12,547	58	81	60 311	694,736	4 107,223	5,912	5,441
9	32	98 611	49 330,254	640 552,610	12,985	12,514	59	82	56 819	606,028	3 412,487	5,631	5,160
10	33	98 569	45 656,422	591 222,356	12,949	12,478	60	83	53 074	524,147	2 806,459	5,354	4,883
11	34	98 524	42 255,391	545 565,934	12,911	12,440	61	84	49 100	448,984	2 282,312	5,083	4,612
12	35	98 475	39 105,682	503 310,543	12,871	12,399	62	85	44 956	380,640	1 833,328	4,816	4,345
13	36	98 423	36 189,749	464 204,861	12,827	12,356	63	86	40 616	318,419	1 452,688	4,562	4,091
14	37	98 368	33 490,469	428 015,112	12,780	12,309	64	87	36 209	262,840	1 134,269	4,315	3,844
15	38	98 300	30 988,249	394 524,643	12,731	12,260	65	88	31 596	212,368	871,429	4,103	3,632
16	39	98 222	28 670,179	363 536,393	12,680	12,209	66	89	27 201	169,286	659,061	3,893	3,422
17	40	98 124	26 519,927	334 866,214	12,627	12,156	67	90	23 009	132,590	489,775	3,694	3,223
18	41	98 021	24 529,607	308 346,287	12,570	12,099	68	91	19 246	102,690	357,185	3,478	3,007
19	42	97 885	22 681,113	283 816,680	12,513	12,042	69	92	15 601	77,075	254,495	3,302	2,831
20	43	97 739	20 969,724	261 135,566	12,453	11,982	70	93	12 379	56,628	177,420	3,133	2,662
21	44	97 577	19 384,329	240 165,843	12,390	11,919	71	94	9 587	40,605	120,792	2,975	2,504
22	45	97 412	17 918,046	220 781,514	12,322	11,851	72	95	7 234	28,370	80,188	2,826	2,355
23	46	97 226	16 559,021	202 863,467	12,251	11,780	73	96	5 307	19,270	51,817	2,689	2,218
24	47	97 021	15 300,216	186 304,446	12,177	11,706	74	97	3 781	12,711	32,547	2,560	2,089
25	48	96 797	14 134,134	171 004,230	12,099	11,628	75	98	2 609	8,124	19,836	2,442	1,971
26	49	96 561	13 055,169	156 870,096	12,016	11,545	76	99	1 743	5,025	11,712	2,331	1,860
27	50	96 300	12 055,463	143 814,927	11,929	11,458	77	100	1 125	3,002	6,687	2,227	1,756
28	51	96 014	11 129,337	131 759,463	11,839	11,368							
29	52	95 715	10 272,904	120 630,126	11,743	11,272							
30	53	95 389	9 479,490	110 357,222	11,642	11,171							
31	54	95 036	8 744,816	100 877,732	11,536	11,065							
32	55	94 663	8 065,271	92 132,916	11,423	10,952							
33	56	94 252	7 435,423	84 067,645	11,306	10,835							
34	57	93 826	6 853,557	76 632,222	11,181	10,710							
35	58	93 363	6 314,595	69 778,665	11,050	10,579							
36	59	92 857	5 815,150	63 464,070	10,914	10,443							
37	60	92 329	5 353,782	57 648,920	10,768	10,297							
38	61	91 734	4 925,231	52 295,138	10,618	10,147							
39	62	91 114	4 529,589	47 369,908	10,458	9,987							
40	63	90 436	4 162,854	42 840,319	10,291	9,820							
41	64	89 710	3 823,570	38 677,465	10,116	9,644							
42	65	88 933	3 509,646	34 853,894	9,931	9,460							
43	66	88 102	3 219,312	31 344,248	9,736	9,265							
44	67	87 210	2 950,658	28 124,936	9,532	9,061							
45	68	86 239	2 701,686	25 174,278	9,318	8,847							
46	69	85 188	2 471,087	22 472,592	9,094	8,623							
47	70	84 022	2 256,716	20 001,505	8,863	8,392							
48	71	82 761	2 058,199	17 744,789	8,622	8,150							
49	72	81 369	1 873,671	15 686,590	8,372	7,901							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0	24	99 348	99 347,922	1 305 907,561	13,145	12,674	50	74	78 414	1 671,886	13 182,046	7,885	7,413
1	25	98 922	91 594,337	1 206 559,639	13,173	12,702	51	75	76 570	1 511,643	11 510,160	7,614	7,143
2	26	98 865	84 760,492	1 114 965,301	13,154	12,683	52	76	74 505	1 361,913	9 998,518	7,342	6,870
3	27	98 819	78 445,868	1 030 204,809	13,133	12,662	53	77	72 234	1 222,602	8 636,605	7,064	6,593
4	28	98 779	72 605,349	951 758,941	13,109	12,638	54	78	69 740	1 092,954	7 414,003	6,783	6,312
5	29	98 739	67 200,030	879 153,592	13,083	12,612	55	79	66 989	972,069	6 321,049	6,503	6,032
6	30	98 700	62 197,794	811 953,562	13,054	12,583	56	80	64 029	860,290	5 348,980	6,218	5,747
7	31	98 663	57 568,675	749 755,768	13,024	12,553	57	81	60 795	756,339	4 488,690	5,935	5,464
8	32	98 621	53 281,797	692 187,093	12,991	12,520	58	82	57 326	660,349	3 732,352	5,652	5,181
9	33	98 577	49 313,169	638 905,296	12,956	12,485	59	83	53 588	571,564	3 072,003	5,375	4,904
10	34	98 533	45 639,904	589 592,127	12,918	12,447	60	84	49 626	490,099	2 500,438	5,102	4,631
11	35	98 484	42 238,243	543 952,224	12,878	12,407	61	85	45 467	415,765	2 010,339	4,835	4,364
12	36	98 433	39 089,017	501 713,981	12,835	12,364	62	86	41 121	348,173	1 594,573	4,580	4,109
13	37	98 377	36 172,873	462 624,964	12,789	12,318	63	87	36 690	287,644	1 246,400	4,333	3,862
14	38	98 316	33 472,830	426 452,091	12,740	12,269	64	88	32 057	232,702	958,756	4,120	3,649
15	39	98 242	30 969,980	392 979,261	12,689	12,218	65	89	27 632	185,724	726,054	3,909	3,438
16	40	98 153	28 650,017	362 009,281	12,636	12,165	66	90	23 399	145,625	540,330	3,710	3,239
17	41	98 054	26 501,024	333 359,265	12,579	12,108	67	91	19 599	112,941	394,705	3,495	3,024
18	42	97 939	24 509,223	306 858,241	12,520	12,049	68	92	15 914	84,910	281,764	3,318	2,847
19	43	97 792	22 659,658	282 349,017	12,460	11,989	69	93	12 653	62,509	196,854	3,149	2,678
20	44	97 636	20 947,589	259 689,359	12,397	11,926	70	94	9 818	44,912	134,345	2,991	2,520
21	45	97 467	19 362,409	238 741,770	12,330	11,859	71	95	7 426	31,453	89,433	2,843	2,372
22	46	97 280	17 893,811	219 379,361	12,260	11,789	72	96	5 466	21,435	57,980	2,705	2,234
23	47	97 075	16 533,340	201 485,550	12,187	11,716	73	97	3 906	14,183	36,545	2,577	2,106
24	48	96 853	15 273,664	184 952,211	12,109	11,638	74	98	2 707	9,102	22,362	2,457	1,986
25	49	96 618	14 107,944	169 678,546	12,027	11,556	75	99	1 815	5,652	13,260	2,346	1,875
26	50	96 359	13 027,857	155 570,602	11,941	11,470	76	100	1 177	3,392	7,608	2,243	1,772
27	51	96 075	12 027,296	142 542,746	11,852	11,381							
28	52	95 775	11 101,616	130 515,449	11,756	11,285							
29	53	95 450	10 244,440	119 413,833	11,656	11,185							
30	54	95 099	9 450,680	109 169,394	11,551	11,080							
31	55	94 733	8 716,954	99 718,714	11,440	10,969							
32	56	94 322	8 036,256	91 001,760	11,324	10,853							
33	57	93 894	7 407,221	82 965,504	11,201	10,730							
34	58	93 439	6 825,277	75 558,283	11,070	10,599							
35	59	92 938	6 285,803	68 733,006	10,935	10,464							
36	60	92 414	5 787,363	62 447,203	10,790	10,319							
37	61	91 824	5 324,508	56 659,839	10,641	10,170							
38	62	91 212	4 897,228	51 335,332	10,483	10,011							
39	63	90 542	4 501,166	46 438,103	10,317	9,846							
40	64	89 833	4 135,094	41 936,937	10,142	9,671							
41	65	89 065	3 796,057	37 801,843	9,958	9,487							
42	66	88 244	3 482,473	34 005,786	9,765	9,294							
43	67	87 378	3 192,850	30 523,313	9,560	9,089							
44	68	86 423	2 924,044	27 330,463	9,347	8,876							
45	69	85 394	2 675,223	24 406,419	9,123	8,652							
46	70	84 254	2 443,985	21 731,196	8,892	8,421							
47	71	83 018	2 229,752	19 287,211	8,650	8,179							
48	72	81 657	2 030,737	17 057,459	8,400	7,929							
49	73	80 110	1 844,676	15 026,722	8,146	7,675							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 325	99 325,335	1 303 960,771	13,128	12,657	50	75	76 899	1 639,578	12 525,314	7,639	7,168
1	26	98 900	91 573,926	1 204 635,436	13,155	12,684	51	76	74 864	1 477,962	10 885,736	7,365	6,894
2	27	98 838	84 737,848	1 113 061,510	13,135	12,664	52	77	72 616	1 327,391	9 407,774	7,087	6,616
3	28	98 794	78 425,619	1 028 323,662	13,112	12,641	53	78	70 143	1 187,202	8 080,383	6,806	6,335
4	29	98 753	72 586,491	949 898,043	13,086	12,615	54	79	67 421	1 056,605	6 893,181	6,524	6,053
5	30	98 712	67 181,391	877 311,552	13,059	12,588	55	80	64 474	935,567	5 836,576	6,239	5,768
6	31	98 673	62 180,725	810 130,161	13,029	12,558	56	81	61 252	822,976	4 901,009	5,955	5,484
7	32	98 630	57 549,906	747 949,437	12,997	12,525	57	82	57 786	718,903	4 078,033	5,673	5,202
8	33	98 587	53 263,343	690 399,530	12,962	12,491	58	83	54 066	622,797	3 359,130	5,394	4,923
9	34	98 542	49 295,328	637 136,187	12,925	12,454	59	84	50 107	534,436	2 736,333	5,120	4,649
10	35	98 493	45 621,382	587 840,860	12,885	12,414	60	85	45 954	453,839	2 201,897	4,852	4,381
11	36	98 442	42 220,243	542 219,478	12,843	12,372	61	86	41 589	380,303	1 748,058	4,596	4,125
12	37	98 387	39 070,789	499 999,235	12,797	12,326	62	87	37 147	314,523	1 367,756	4,349	3,878
13	38	98 325	36 153,821	460 928,446	12,749	12,278	63	88	32 483	254,663	1 053,233	4,136	3,665
14	39	98 258	33 453,095	424 774,625	12,698	12,227	64	89	28 035	203,507	798,570	3,924	3,453
15	40	98 173	30 948,200	391 321,530	12,644	12,173	65	90	23 770	159,765	595,064	3,725	3,254
16	41	98 083	28 629,595	360 373,330	12,587	12,116	66	91	19 932	124,044	435,298	3,509	3,038
17	42	97 973	26 479,002	331 743,735	12,529	12,058	67	92	16 206	93,386	311,254	3,333	2,862
18	43	97 847	24 486,039	305 264,733	12,467	11,996	68	93	12 906	68,863	217,868	3,164	2,693
19	44	97 689	22 635,740	280 778,694	12,404	11,933	69	94	10 035	49,577	149,005	3,006	2,534
20	45	97 525	20 923,901	258 142,954	12,337	11,866	70	95	7 605	34,789	99,428	2,858	2,387
21	46	97 335	19 336,220	237 219,053	12,268	11,797	71	96	5 611	23,764	64,639	2,720	2,249
22	47	97 130	17 866,059	217 882,833	12,195	11,724	72	97	4 023	15,777	40,875	2,591	2,120
23	48	96 906	16 504,647	200 016,774	12,119	11,648	73	98	2 797	10,156	25,098	2,471	2,000
24	49	96 674	15 245,363	183 512,126	12,037	11,566	74	99	1 883	6,332	14,942	2,360	1,889
25	50	96 416	14 078,429	168 266,764	11,952	11,481	75	100	1 226	3,815	8,610	2,257	1,786
26	51	96 133	12 997,418	154 188,335	11,863	11,392							
27	52	95 835	11 997,339	141 190,917	11,769	11,297							
28	53	95 509	11 070,855	129 193,578	11,670	11,199							
29	54	95 160	10 213,305	118 122,723	11,566	11,095							
30	55	94 796	9 420,568	107 909,418	11,455	10,984							
31	56	94 392	8 685,595	98 488,849	11,339	10,868							
32	57	93 964	8 005,775	89 803,255	11,217	10,746							
33	58	93 507	7 376,657	81 797,479	11,089	10,618							
34	59	93 013	6 794,156	74 420,823	10,954	10,483							
35	60	92 494	6 255,767	67 626,666	10,810	10,339							
36	61	91 908	5 755,719	61 370,899	10,663	10,192							
37	62	91 302	5 294,235	55 615,180	10,505	10,034							
38	63	90 640	4 866,499	50 320,945	10,340	9,869							
39	64	89 939	4 471,150	45 454,446	10,166	9,695							
40	65	89 187	4 105,338	40 983,296	9,983	9,512							
41	66	88 375	3 766,666	36 877,957	9,791	9,320							
42	67	87 519	3 453,848	33 111,291	9,587	9,116							
43	68	86 589	3 164,052	29 657,443	9,373	8,902							
44	69	85 576	2 895,402	26 493,391	9,150	8,679							
45	70	84 458	2 645,882	23 597,989	8,919	8,448							
46	71	83 247	2 414,784	20 952,107	8,677	8,206							
47	72	81 910	2 200,001	18 537,323	8,426	7,955							
48	73	80 393	1 999,311	16 337,323	8,171	7,700							
49	74	78 721	1 812,698	14 338,012	7,910	7,439							

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	49	93 198	1 987,098	21 820,351	10,981	10,510
1	0	99 594	92 216,490	1 228 738,226	13,324	12,853	51	50	92 606	1 828,213	19 833,253	10,848	10,377
2	1	99 240	85 082,143	1 136 521,736	13,358	12,887	52	51	91 946	1 680,726	18 005,040	10,713	10,242
3	2	99 192	78 742,203	1 051 439,593	13,353	12,882	53	52	91 234	1 544,187	16 324,314	10,571	10,100
4	3	99 162	72 886,686	972 697,390	13,345	12,874	54	53	90 460	1 417,661	14 780,127	10,426	9,955
5	4	99 133	67 468,273	899 810,704	13,337	12,866	55	54	89 607	1 300,273	13 362,466	10,277	9,806
6	5	99 110	62 455,908	832 342,431	13,327	12,856	56	55	88 705	1 191,842	12 062,193	10,121	9,650
7	6	99 090	57 818,218	769 886,523	13,316	12,845	57	56	87 728	1 091,396	10 870,352	9,960	9,489
8	7	99 073	53 525,917	712 068,305	13,303	12,832	58	57	86 699	998,701	9 778,956	9,792	9,321
9	8	99 055	49 552,130	658 542,388	13,290	12,819	59	58	85 578	912,764	8 780,255	9,619	9,148
10	9	99 040	45 874,813	608 990,258	13,275	12,804	60	59	84 370	833,224	7 867,490	9,442	8,971
11	10	99 025	42 470,184	563 115,445	13,259	12,788	61	60	83 076	759,676	7 034,266	9,260	8,789
12	11	99 008	39 317,254	520 645,261	13,242	12,771	62	61	81 693	691,693	6 274,590	9,071	8,600
13	12	98 989	36 398,167	481 328,007	13,224	12,753	63	62	80 230	628,986	5 582,896	8,876	8,405
14	13	98 973	33 696,472	444 929,841	13,204	12,733	64	63	78 680	571,140	4 953,910	8,674	8,203
15	14	98 947	31 192,223	411 233,368	13,184	12,713	65	64	77 032	517,756	4 382,770	8,465	7,994
16	15	98 915	28 872,345	380 041,145	13,163	12,692	66	65	75 285	468,536	3 865,014	8,249	7,778
17	16	98 872	26 722,102	351 168,800	13,142	12,670	67	66	73 457	423,295	3 396,478	8,024	7,553
18	17	98 823	24 730,263	324 446,698	13,119	12,648	68	67	71 540	381,710	2 973,184	7,789	7,318
19	18	98 750	22 881,649	299 716,435	13,099	12,628	69	68	69 501	343,364	2 591,474	7,547	7,076
20	19	98 675	21 170,533	276 834,787	13,076	12,605	70	69	67 333	308,010	2 248,110	7,299	6,828
21	20	98 595	19 586,422	255 664,254	13,053	12,582	71	70	65 024	275,413	1 940,100	7,044	6,573
22	21	98 518	18 121,525	236 077,832	13,027	12,556	72	71	62 587	245,456	1 664,687	6,782	6,311
23	22	98 442	16 766,124	217 956,307	13,000	12,529	73	72	59 955	217,718	1 419,231	6,519	6,048
24	23	98 365	15 512,073	201 190,183	12,970	12,499	74	73	57 135	192,109	1 201,513	6,254	5,783
25	24	98 286	14 351,491	185 678,110	12,938	12,467	75	74	54 118	168,485	1 009,404	5,991	5,520
26	25	98 205	13 277,523	171 326,619	12,904	12,432	76	75	50 964	146,914	840,919	5,724	5,253
27	26	98 123	12 283,756	158 049,096	12,867	12,395	77	76	47 628	127,127	694,005	5,459	4,988
28	27	98 035	11 363,613	145 765,340	12,827	12,356	78	77	44 114	109,025	566,878	5,200	4,729
29	28	97 949	10 512,629	134 401,727	12,785	12,314	79	78	40 454	92,572	457,854	4,946	4,475
30	29	97 861	9 725,127	123 889,098	12,739	12,268	80	79	36 739	77,844	365,282	4,692	4,221
31	30	97 768	8 996,269	114 163,971	12,690	12,219	81	80	32 958	64,661	287,438	4,445	3,974
32	31	97 669	8 321,420	105 167,702	12,638	12,167	82	81	29 168	52,986	222,777	4,204	3,733
33	32	97 564	7 696,756	96 846,282	12,583	12,112	83	82	25 442	42,793	169,791	3,968	3,497
34	33	97 460	7 118,984	89 149,525	12,523	12,052	84	83	21 828	33,996	126,997	3,736	3,265
35	34	97 346	6 583,943	82 030,541	12,459	11,988	85	84	18 364	26,481	93,002	3,512	3,041
36	35	97 222	6 088,496	75 446,598	12,392	11,921	86	85	15 087	20,144	66,520	3,302	2,831
37	36	97 092	5 629,953	69 358,102	12,319	11,848	87	86	12 066	14,918	46,376	3,109	2,638
38	37	96 951	5 205,342	63 728,149	12,243	11,772	88	87	9 354	10,707	31,458	2,938	2,467
39	38	96 796	4 812,037	58 522,806	12,162	11,691	89	88	7 032	7,454	20,751	2,784	2,313
40	39	96 625	4 447,735	53 710,770	12,076	11,605	90	89	5 139	5,044	13,297	2,636	2,165
41	40	96 425	4 109,766	49 263,035	11,987	11,516	91	90	3 670	3,335	8,253	2,475	2,004
42	41	96 213	3 796,978	45 153,268	11,892	11,421	92	91	2 519	2,120	4,918	2,320	1,849
43	42	95 978	3 507,135	41 356,290	11,792	11,321	93	92	1 630	1,270	2,799	2,203	1,732
44	43	95 703	3 238,036	37 849,155	11,689	11,218	94	93	1 013	0,730	1,529	2,093	1,622
45	44	95 399	2 988,643	34 611,119	11,581	11,110	95	94	600	0,401	0,798	1,991	1,520
46	45	95 061	2 757,470	31 622,476	11,468	10,997	96	95	338	0,209	0,397	1,899	1,428
47	46	94 671	2 542,736	28 865,007	11,352	10,881	97	96	181	0,104	0,188	1,815	1,344
48	47	94 232	2 343,462	26 322,270	11,232	10,761	98	97	92	0,049	0,085	1,739	1,268
49	48	93 736	2 158,457	23 978,808	11,109	10,638	99	98	44	0,022	0,036	1,669	1,198
							100	99	20	0,009	0,014	1,606	1,135



**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	48	93 371	1 990,787	21 944,362	11,023	10,552
1							51	49	92 800	1 832,045	19 953,576	10,891	10,420
2	0	99 558	85 355,247	1 137 106,724	13,322	12,851	52	50	92 161	1 684,662	18 121,530	10,757	10,286
3	1	99 221	78 764,598	1 051 751,477	13,353	12,882	53	51	91 462	1 548,043	16 436,868	10,618	10,147
4	2	99 178	72 898,439	972 986,879	13,347	12,876	54	52	90 711	1 421,600	14 888,825	10,473	10,002
5	3	99 147	67 477,948	900 088,440	13,339	12,868	55	53	89 880	1 304,237	13 467,226	10,326	9,855
6	4	99 122	62 463,395	832 610,492	13,330	12,859	56	54	88 989	1 195,651	12 162,989	10,173	9,702
7	5	99 099	57 823,448	770 147,097	13,319	12,848	57	55	88 044	1 095,336	10 967,337	10,013	9,542
8	6	99 081	53 530,209	712 323,649	13,307	12,836	58	56	87 029	1 002,503	9 872,001	9,847	9,376
9	7	99 063	49 556,270	658 793,440	13,294	12,823	59	57	85 932	916,546	8 869,498	9,677	9,206
10	8	99 046	45 877,663	609 237,170	13,280	12,809	60	58	84 756	837,041	7 952,951	9,501	9,030
11	9	99 031	42 472,881	563 359,508	13,264	12,793	61	59	83 475	763,324	7 115,910	9,322	8,851
12	10	99 016	39 320,421	520 886,627	13,247	12,776	62	60	82 142	695,496	6 352,587	9,134	8,663
13	11	98 997	36 401,058	481 566,206	13,229	12,758	63	61	80 689	632,583	5 657,090	8,943	8,472
14	12	98 981	33 699,056	445 165,148	13,210	12,739	64	62	79 176	574,746	5 024,507	8,742	8,271
15	13	98 957	31 195,292	411 466,092	13,190	12,719	65	63	77 549	521,232	4 449,762	8,537	8,066
16	14	98 927	28 875,919	380 270,800	13,169	12,698	66	64	75 831	471,932	3 928,529	8,324	7,853
17	15	98 886	26 725,725	351 394,881	13,148	12,677	67	65	74 030	426,597	3 456,598	8,103	7,632
18	16	98 839	24 734,239	324 669,156	13,126	12,655	68	66	72 133	384,874	3 030,000	7,873	7,402
19	17	98 768	22 885,666	299 934,917	13,106	12,635	69	67	70 134	346,489	2 645,127	7,634	7,163
20	18	98 697	21 175,158	277 049,251	13,084	12,613	70	68	67 999	311,057	2 298,637	7,390	6,919
21	19	98 616	19 590,635	255 874,092	13,061	12,590	71	69	65 745	278,467	1 987,580	7,138	6,667
22	20	98 539	18 125,349	236 283,457	13,036	12,565	72	70	63 344	248,424	1 709,113	6,880	6,409
23	21	98 463	16 769,749	218 158,109	13,009	12,538	73	71	60 766	220,662	1 460,689	6,620	6,149
24	22	98 387	15 515,639	201 388,360	12,980	12,509	74	72	58 033	195,128	1 240,027	6,355	5,884
25	23	98 308	14 354,756	185 872,721	12,949	12,477	75	73	55 073	171,458	1 044,899	6,094	5,623
26	24	98 228	13 280,542	171 517,965	12,915	12,444	76	74	51 969	149,809	873,441	5,830	5,359
27	25	98 145	12 286,494	158 237,423	12,879	12,408	77	75	48 714	130,024	723,632	5,565	5,094
28	26	98 061	11 366,650	145 950,929	12,840	12,369	78	76	45 261	111,860	593,608	5,307	4,836
29	27	97 974	10 515,343	134 584,280	12,799	12,328	79	77	41 660	95,332	481,749	5,053	4,582
30	28	97 886	9 727,654	124 068,936	12,754	12,283	80	78	38 003	80,522	386,416	4,799	4,328
31	29	97 796	8 998,765	114 341,283	12,706	12,235	81	79	34 244	67,183	305,894	4,553	4,082
32	30	97 696	8 323,705	105 342,517	12,656	12,185	82	80	30 491	55,389	238,711	4,310	3,839
33	31	97 596	7 699,267	97 018,813	12,601	12,130	83	81	26 767	45,022	183,322	4,072	3,601
34	32	97 494	7 121,451	89 319,546	12,542	12,071	84	82	23 144	36,046	138,300	3,837	3,366
35	33	97 381	6 586,326	82 198,095	12,480	12,009	85	83	19 639	28,321	102,255	3,611	3,140
36	34	97 262	6 090,967	75 611,769	12,414	11,943	86	84	16 292	21,754	73,934	3,399	2,928
37	35	97 133	5 632,353	69 520,802	12,343	11,872	87	85	13 191	16,309	52,180	3,199	2,728
38	36	96 996	5 207,771	63 888,448	12,268	11,797	88	86	10 354	11,853	35,871	3,026	2,555
39	37	96 847	4 814,572	58 680,677	12,188	11,717	89	87	7 943	8,419	24,018	2,853	2,382
40	38	96 682	4 450,359	53 866,105	12,104	11,633	90	88	5 876	5,767	15,599	2,705	2,234
41	39	96 493	4 112,659	49 415,746	12,016	11,544	91	89	4 266	3,877	9,832	2,536	2,065
42	40	96 282	3 799,687	45 303,087	11,923	11,452	92	90	2 957	2,488	5,955	2,393	1,922
43	41	96 058	3 510,051	41 503,400	11,824	11,353	93	91	1 972	1,536	3,467	2,257	1,786
44	42	95 794	3 241,102	37 993,349	11,722	11,251	94	92	1 249	0,901	1,930	2,143	1,672
45	43	95 500	2 991,801	34 752,247	11,616	11,145	95	93	756	0,505	1,030	2,038	1,567
46	44	95 169	2 760,591	31 760,446	11,505	11,034	96	94	437	0,270	0,524	1,942	1,471
47	45	94 799	2 546,180	28 999,855	11,390	10,919	97	95	240	0,137	0,254	1,854	1,383
48	46	94 378	2 347,103	26 453,675	11,271	10,800	98	96	125	0,066	0,117	1,774	1,303
49	47	93 899	2 162,210	24 106,572	11,149	10,678	99	97	61	0,030	0,051	1,701	1,230
							100	98	28	0,013	0,021	1,635	1,164

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	47	93 533	1 994,247	22 058,633	11,061	10,590
1							51	48	92 972	1 835,446	20 064,385	10,932	10,461
2							52	49	92 354	1 688,194	18 228,939	10,798	10,327
3	0	99 539	79 017,424	1 052 288,940	13,317	12,846	53	50	91 676	1 551,668	16 540,745	10,660	10,189
4	1	99 206	72 919,172	973 271,516	13,347	12,876	54	51	90 938	1 425,149	14 989,076	10,518	10,047
5	2	99 163	67 488,828	900 352,344	13,341	12,870	55	52	90 130	1 307,861	13 563,927	10,371	9,900
6	3	99 136	62 472,352	832 863,516	13,332	12,861	56	53	89 260	1 199,296	12 256,066	10,219	9,748
7	4	99 111	57 830,379	770 391,164	13,322	12,851	57	54	88 326	1 098,838	11 056,770	10,062	9,591
8	5	99 090	53 535,052	712 560,785	13,310	12,839	58	55	87 343	1 006,123	9 957,933	9,897	9,426
9	6	99 071	49 560,243	659 025,733	13,297	12,826	59	56	86 259	920,036	8 951,810	9,730	9,259
10	7	99 055	45 881,496	609 465,490	13,283	12,812	60	57	85 107	840,509	8 031,774	9,556	9,085
11	8	99 038	42 475,519	563 583,994	13,268	12,797	61	58	83 858	766,820	7 191,265	9,378	8,907
12	9	99 022	39 322,918	521 108,475	13,252	12,781	62	59	82 537	698,835	6 424,445	9,193	8,722
13	10	99 005	36 403,990	481 785,557	13,234	12,763	63	60	81 133	636,061	5 725,609	9,002	8,531
14	11	98 989	33 701,732	445 381,567	13,215	12,744	64	61	79 629	578,032	5 089,548	8,805	8,334
15	12	98 964	31 197,683	411 679,835	13,196	12,725	65	62	78 039	524,523	4 511,516	8,601	8,130
16	13	98 937	28 878,760	380 482,151	13,175	12,704	66	63	76 340	475,100	3 986,993	8,392	7,921
17	14	98 898	26 729,034	351 603,391	13,154	12,683	67	64	74 567	429,689	3 511,893	8,173	7,702
18	15	98 852	24 737,593	324 874,357	13,133	12,662	68	65	72 696	387,877	3 082,203	7,946	7,475
19	16	98 784	22 889,346	300 136,764	13,113	12,641	69	66	70 715	349,361	2 694,327	7,712	7,241
20	17	98 714	21 178,876	277 247,419	13,091	12,620	70	67	68 618	313,888	2 344,966	7,471	7,000
21	18	98 638	19 594,915	256 068,543	13,068	12,597	71	68	66 395	281,222	2 031,077	7,222	6,751
22	19	98 560	18 129,248	236 473,627	13,044	12,573	72	69	64 046	251,179	1 749,856	6,967	6,496
23	20	98 484	16 773,288	218 344,380	13,017	12,546	73	70	61 501	223,331	1 498,677	6,711	6,240
24	21	98 409	15 518,993	201 571,092	12,989	12,518	74	71	58 818	197,767	1 275,346	6,449	5,978
25	22	98 331	14 358,055	186 052,099	12,958	12,487	75	72	55 939	174,153	1 077,579	6,188	5,717
26	23	98 250	13 283,563	171 694,044	12,925	12,454	76	73	52 886	152,451	903,426	5,926	5,455
27	24	98 168	12 289,288	158 410,480	12,890	12,419	77	74	49 674	132,586	750,975	5,664	5,193
28	25	98 083	11 369,183	146 121,192	12,852	12,381	78	75	46 293	114,409	618,389	5,405	4,934
29	26	98 001	10 518,153	134 752,009	12,811	12,340	79	76	42 743	97,812	503,980	5,153	4,682
30	27	97 911	9 730,165	124 233,855	12,768	12,297	80	77	39 136	82,923	406,168	4,898	4,427
31	28	97 821	9 001,103	114 503,690	12,721	12,250	81	78	35 422	69,495	323,245	4,651	4,180
32	29	97 723	8 326,014	105 502,587	12,671	12,200	82	79	31 680	57,550	253,750	4,409	3,938
33	30	97 623	7 701,380	97 176,573	12,618	12,147	83	80	27 980	47,063	196,201	4,169	3,698
34	31	97 525	7 123,773	89 475,193	12,560	12,089	84	81	24 350	37,923	149,138	3,933	3,462
35	32	97 415	6 588,608	82 351,420	12,499	12,028	85	82	20 824	30,029	111,215	3,704	3,233
36	33	97 297	6 093,172	75 762,812	12,434	11,963	86	83	17 424	23,265	81,187	3,490	3,019
37	34	97 173	5 634,640	69 669,640	12,365	11,893	87	84	14 245	17,612	57,922	3,289	2,818
38	35	97 038	5 209,991	64 035,000	12,291	11,820	88	85	11 320	12,958	40,310	3,111	2,640
39	36	96 892	4 816,819	58 825,008	12,212	11,741	89	86	8 792	9,320	27,351	2,935	2,464
40	37	96 733	4 452,704	54 008,190	12,129	11,658	90	87	6 637	6,514	18,032	2,768	2,297
41	38	96 550	4 115,085	49 555,486	12,042	11,571	91	88	4 878	4,433	11,517	2,598	2,127
42	39	96 350	3 802,361	45 440,401	11,951	11,480	92	89	3 438	2,893	7,084	2,449	1,978
43	40	96 127	3 512,555	41 638,040	11,854	11,383	93	90	2 315	1,803	4,192	2,324	1,853
44	41	95 874	3 243,797	38 125,485	11,753	11,282	94	91	1 510	1,089	2,388	2,192	1,721
45	42	95 590	2 994,634	34 881,687	11,648	11,177	95	92	933	0,623	1,299	2,085	1,614
46	43	95 269	2 763,508	31 887,054	11,539	11,068	96	93	551	0,341	0,676	1,984	1,513
47	44	94 907	2 549,063	29 123,545	11,425	10,954	97	94	309	0,177	0,335	1,893	1,422
48	45	94 506	2 350,281	26 574,483	11,307	10,836	98	95	165	0,087	0,158	1,810	1,339
49	46	94 045	2 165,568	24 224,201	11,186	10,715	99	96	83	0,041	0,071	1,734	1,263
							100	97	40	0,018	0,030	1,665	1,194

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	46	93 679	1 997,345	22 163,784	11,097	10,626
1							51	47	93 134	1 838,637	20 166,439	10,968	10,497
2							52	48	92 526	1 691,328	18 327,802	10,836	10,365
3							53	49	91 869	1 554,921	16 636,473	10,699	10,228
4	0	99 524	73 153,234	973 765,265	13,311	12,840	54	50	91 150	1 428,487	15 081,552	10,558	10,087
5	1	99 191	67 508,023	900 612,031	13,341	12,870	55	51	90 355	1 311,127	13 653,065	10,413	9,942
6	2	99 152	62 482,425	833 104,008	13,333	12,862	56	52	89 508	1 202,628	12 341,939	10,262	9,791
7	3	99 125	57 838,672	770 621,582	13,324	12,853	57	53	88 595	1 102,187	11 139,310	10,107	9,636
8	4	99 102	53 541,469	712 782,910	13,313	12,842	58	54	87 622	1 009,339	10 037,123	9,944	9,473
9	5	99 080	49 564,727	659 241,441	13,301	12,830	59	55	86 571	923,358	9 027,784	9,777	9,306
10	6	99 063	45 885,175	609 676,714	13,287	12,816	60	56	85 432	843,709	8 104,426	9,606	9,135
11	7	99 046	42 479,068	563 791,540	13,272	12,801	61	57	84 205	769,997	7 260,717	9,430	8,958
12	8	99 028	39 325,360	521 312,472	13,256	12,785	62	58	82 915	702,037	6 490,720	9,246	8,775
13	9	99 011	36 406,302	481 987,112	13,239	12,768	63	59	81 522	639,115	5 788,683	9,057	8,586
14	10	98 996	33 704,447	445 580,810	13,220	12,749	64	60	80 067	581,210	5 149,568	8,860	8,389
15	11	98 972	31 200,161	411 876,362	13,201	12,730	65	61	78 485	527,523	4 568,358	8,660	8,189
16	12	98 945	28 880,974	380 676,201	13,181	12,710	66	62	76 822	478,100	4 040,836	8,452	7,981
17	13	98 908	26 731,664	351 795,227	13,160	12,689	67	63	75 068	432,574	3 562,736	8,236	7,765
18	14	98 864	24 740,655	325 063,563	13,139	12,668	68	64	73 223	390,688	3 130,162	8,012	7,541
19	15	98 797	22 892,449	300 322,908	13,119	12,648	69	65	71 267	352,087	2 739,474	7,781	7,310
20	16	98 730	21 182,281	277 430,459	13,097	12,626	70	66	69 187	316,490	2 387,387	7,543	7,072
21	17	98 655	19 598,355	256 248,178	13,075	12,604	71	67	66 999	283,781	2 070,897	7,298	6,826
22	18	98 582	18 133,209	236 649,822	13,051	12,580	72	68	64 680	253,664	1 787,116	7,045	6,574
23	19	98 505	16 776,895	218 516,614	13,025	12,554	73	69	62 183	225,807	1 533,452	6,791	6,320
24	20	98 430	15 522,268	201 739,718	12,997	12,526	74	70	59 529	200,158	1 307,645	6,533	6,062
25	21	98 352	14 361,160	186 217,450	12,967	12,496	75	71	56 695	176,508	1 107,486	6,274	5,803
26	22	98 273	13 286,617	171 856,290	12,935	12,463	76	72	53 717	154,848	930,978	6,012	5,541
27	23	98 190	12 292,084	158 569,674	12,900	12,429	77	73	50 550	134,925	776,131	5,752	5,281
28	24	98 105	11 371,769	146 277,590	12,863	12,392	78	74	47 205	116,664	641,206	5,496	5,025
29	25	98 022	10 520,498	134 905,821	12,823	12,352	79	75	43 717	100,041	524,542	5,243	4,772
30	26	97 937	9 732,765	124 385,323	12,780	12,309	80	76	40 154	85,080	424,501	4,989	4,518
31	27	97 846	9 003,427	114 652,558	12,734	12,263	81	77	36 478	71,567	339,422	4,743	4,272
32	28	97 749	8 328,177	105 649,131	12,686	12,215	82	78	32 770	59,530	267,855	4,500	4,028
33	29	97 650	7 703,517	97 320,953	12,633	12,162	83	79	29 072	48,899	208,326	4,260	3,789
34	30	97 552	7 125,729	89 617,437	12,577	12,106	84	80	25 454	39,642	159,426	4,022	3,551
35	31	97 447	6 590,757	82 491,708	12,516	12,045	85	81	21 908	31,592	119,784	3,792	3,321
36	32	97 331	6 095,283	75 900,951	12,452	11,981	86	82	18 475	24,668	88,192	3,575	3,104
37	33	97 208	5 636,679	69 805,668	12,384	11,913	87	83	15 235	18,836	63,524	3,373	2,902
38	34	97 077	5 212,106	64 168,989	12,312	11,840	88	84	12 224	13,994	44,689	3,193	2,722
39	35	96 933	4 818,872	58 956,882	12,235	11,764	89	85	9 612	10,189	30,695	3,013	2,542
40	36	96 778	4 454,782	54 138,010	12,153	11,682	90	86	7 348	7,211	20,506	2,844	2,373
41	37	96 601	4 117,253	49 683,228	12,067	11,596	91	87	5 510	5,007	13,295	2,655	2,184
42	38	96 407	3 804,604	45 565,975	11,977	11,505	92	88	3 931	3,308	8,288	2,506	2,035
43	39	96 194	3 515,027	41 761,371	11,881	11,410	93	89	2 691	2,097	4,980	2,376	1,904
44	40	95 942	3 246,111	38 246,344	11,782	11,311	94	90	1 773	1,279	2,884	2,255	1,784
45	41	95 670	2 997,124	35 000,233	11,678	11,207	95	91	1 128	0,754	1,605	2,130	1,659
46	42	95 360	2 766,125	32 003,109	11,570	11,099	96	92	679	0,420	0,851	2,028	1,557
47	43	95 007	2 551,756	29 236,984	11,458	10,987	97	93	390	0,223	0,432	1,933	1,462
48	44	94 613	2 352,942	26 685,228	11,341	10,870	98	94	213	0,113	0,208	1,846	1,375
49	45	94 172	2 168,501	24 332,285	11,221	10,750	99	95	110	0,054	0,095	1,767	1,296
							100	96	54	0,024	0,041	1,695	1,224

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	45	93 806	2 000,050	22 260,357	11,130	10,659
1							51	46	93 279	1 841,493	20 260,306	11,002	10,531
2							52	47	92 687	1 694,268	18 418,813	10,871	10,400
3							53	48	92 039	1 557,808	16 724,545	10,736	10,265
4							54	49	91 342	1 431,482	15 166,737	10,595	10,124
5	0	99 510	67 724,716	901 065,576	13,305	12,834	55	50	90 566	1 314,197	13 735,255	10,451	9,980
6	1	99 180	62 500,196	833 340,860	13,333	12,862	56	51	89 731	1 205,631	12 421,058	10,303	9,831
7	2	99 141	57 847,998	770 840,664	13,325	12,854	57	52	88 841	1 105,250	11 215,427	10,147	9,676
8	3	99 116	53 549,147	712 992,666	13,315	12,844	58	53	87 889	1 012,416	10 110,177	9,986	9,515
9	4	99 092	49 570,668	659 443,519	13,303	12,832	59	54	86 848	926,309	9 097,761	9,822	9,350
10	5	99 072	45 889,326	609 872,851	13,290	12,819	60	55	85 740	846,756	8 171,452	9,650	9,179
11	6	99 054	42 482,474	563 983,525	13,276	12,805	61	56	84 526	772,929	7 324,697	9,477	9,006
12	7	99 036	39 328,646	521 501,051	13,260	12,789	62	57	83 258	704,945	6 551,768	9,294	8,823
13	8	99 018	36 408,563	482 172,405	13,243	12,772	63	58	81 896	642,042	5 846,822	9,107	8,636
14	9	99 003	33 706,587	445 763,842	13,225	12,754	64	59	80 451	584,001	5 204,780	8,912	8,441
15	10	98 980	31 202,675	412 057,255	13,206	12,735	65	60	78 916	530,423	4 620,779	8,712	8,240
16	11	98 952	28 883,268	380 854,580	13,186	12,715	66	61	77 261	480,834	4 090,356	8,507	8,036
17	12	98 915	26 733,713	351 971,312	13,166	12,695	67	62	75 542	435,305	3 609,523	8,292	7,821
18	13	98 874	24 743,089	325 237,599	13,145	12,674	68	63	73 714	393,311	3 174,217	8,071	7,599
19	14	98 809	22 895,283	300 494,510	13,125	12,654	69	64	71 784	354,639	2 780,906	7,842	7,370
20	15	98 743	21 185,153	277 599,227	13,103	12,632	70	65	69 727	318,959	2 426,267	7,607	7,136
21	16	98 671	19 601,507	256 414,073	13,081	12,610	71	66	67 555	286,133	2 107,308	7,365	6,894
22	17	98 599	18 136,392	236 812,567	13,057	12,586	72	67	65 268	255,972	1 821,175	7,115	6,644
23	18	98 526	16 780,561	218 676,174	13,032	12,560	73	68	62 798	228,041	1 565,203	6,864	6,393
24	19	98 451	15 525,607	201 895,613	13,004	12,533	74	69	60 190	202,378	1 337,161	6,607	6,136
25	20	98 373	14 364,190	186 370,006	12,975	12,504	75	70	57 381	178,642	1 134,783	6,352	5,881
26	21	98 294	13 289,489	172 005,816	12,943	12,472	76	71	54 443	156,942	956,141	6,092	5,621
27	22	98 212	12 294,909	158 716,327	12,909	12,438	77	72	51 345	137,046	799,199	5,832	5,361
28	23	98 128	11 374,356	146 421,418	12,873	12,402	78	73	48 038	118,722	662,154	5,577	5,106
29	24	98 045	10 522,890	135 047,062	12,834	12,363	79	74	44 579	102,012	543,432	5,327	4,856
30	25	97 959	9 734,935	124 524,172	12,791	12,320	80	75	41 069	87,018	441,420	5,073	4,602
31	26	97 872	9 005,833	114 789,237	12,746	12,275	81	76	37 427	73,428	354,402	4,827	4,355
32	27	97 774	8 330,327	105 783,404	12,699	12,228	82	77	33 747	61,305	280,974	4,583	4,112
33	28	97 676	7 705,518	97 453,076	12,647	12,176	83	78	30 072	50,581	219,669	4,343	3,872
34	29	97 579	7 127,706	89 747,558	12,591	12,120	84	79	26 447	41,189	169,088	4,105	3,634
35	30	97 473	6 592,566	82 619,852	12,532	12,061	85	80	22 901	33,025	127,899	3,873	3,402
36	31	97 362	6 097,271	76 027,286	12,469	11,998	86	81	19 437	25,953	94,874	3,656	3,185
37	32	97 242	5 638,632	69 930,015	12,402	11,931	87	82	16 154	19,971	68,922	3,451	2,980
38	33	97 112	5 213,993	64 291,383	12,331	11,860	88	83	13 074	14,966	48,951	3,271	2,800
39	34	96 972	4 820,829	59 077,390	12,255	11,784	89	84	10 380	11,003	33,985	3,089	2,618
40	35	96 819	4 456,681	54 256,562	12,174	11,703	90	85	8 033	7,884	22,982	2,915	2,444
41	36	96 646	4 119,174	49 799,881	12,090	11,619	91	86	6 100	5,543	15,098	2,724	2,253
42	37	96 457	3 806,609	45 680,707	12,000	11,529	92	87	4 440	3,736	9,555	2,558	2,087
43	38	96 251	3 517,101	41 874,098	11,906	11,435	93	88	3 077	2,397	5,819	2,428	1,956
44	39	96 009	3 248,396	38 356,997	11,808	11,337	94	89	2 061	1,487	3,422	2,302	1,831
45	40	95 738	2 999,262	35 108,602	11,706	11,235	95	90	1 324	0,885	1,936	2,188	1,717
46	41	95 439	2 768,426	32 109,339	11,598	11,127	96	91	821	0,508	1,051	2,070	1,599
47	42	95 097	2 554,172	29 340,914	11,487	11,016	97	92	481	0,275	0,543	1,973	1,502
48	43	94 713	2 355,428	26 786,742	11,372	10,901	98	93	268	0,142	0,268	1,883	1,412
49	44	94 279	2 170,956	24 431,313	11,254	10,783	99	94	142	0,070	0,126	1,801	1,330
							100	95	71	0,032	0,056	1,726	1,255

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	44	93 912	2 002,315	22 348,798	11,161	10,690
1							51	45	93 405	1 843,987	20 346,483	11,034	10,563
2							52	46	92 831	1 696,900	18 502,496	10,904	10,433
3							53	47	92 199	1 560,516	16 805,595	10,769	10,298
4							54	48	91 511	1 434,139	15 245,079	10,630	10,159
5							55	49	90 756	1 316,952	13 810,940	10,487	10,016
6	0	99 498	62 700,815	833 757,451	13,297	12,826	56	50	89 942	1 208,455	12 493,988	10,339	9,868
7	1	99 170	57 864,451	771 056,637	13,325	12,854	57	51	89 063	1 108,010	11 285,533	10,185	9,714
8	2	99 132	53 557,781	713 192,185	13,316	12,845	58	52	88 134	1 015,229	10 177,524	10,025	9,554
9	3	99 106	49 577,776	659 634,404	13,305	12,834	59	53	87 112	929,133	9 162,295	9,861	9,390
10	4	99 083	45 894,826	610 056,628	13,292	12,821	60	54	86 014	849,462	8 233,162	9,692	9,221
11	5	99 063	42 486,317	564 161,801	13,279	12,808	61	55	84 831	775,720	7 383,700	9,519	9,047
12	6	99 044	39 331,799	521 675,484	13,263	12,792	62	56	83 575	707,629	6 607,980	9,338	8,867
13	7	99 026	36 411,605	482 343,685	13,247	12,776	63	57	82 235	644,703	5 900,351	9,152	8,681
14	8	99 009	33 708,681	445 932,080	13,229	12,758	64	58	80 820	586,676	5 255,649	8,958	8,487
15	9	98 986	31 204,656	412 223,399	13,210	12,739	65	59	79 295	532,970	4 668,973	8,760	8,289
16	10	98 960	28 885,595	381 018,743	13,191	12,720	66	60	77 686	483,477	4 136,003	8,555	8,084
17	11	98 923	26 735,836	352 133,148	13,171	12,700	67	61	75 973	437,795	3 652,526	8,343	7,872
18	12	98 881	24 744,986	325 397,311	13,150	12,679	68	62	74 180	395,794	3 214,731	8,122	7,651
19	13	98 819	22 897,536	300 652,325	13,130	12,659	69	63	72 266	357,020	2 818,937	7,896	7,425
20	14	98 755	21 187,776	277 754,789	13,109	12,638	70	64	70 232	321,271	2 461,917	7,663	7,192
21	15	98 684	19 604,164	256 567,013	13,087	12,616	71	65	68 082	288,366	2 140,646	7,423	6,952
22	16	98 615	18 139,308	236 962,849	13,063	12,592	72	66	65 809	258,094	1 852,280	7,177	6,706
23	17	98 544	16 783,507	218 823,541	13,038	12,567	73	67	63 370	230,117	1 594,186	6,928	6,457
24	18	98 472	15 528,999	202 040,034	13,010	12,539	74	68	60 785	204,380	1 364,070	6,674	6,203
25	19	98 394	14 367,280	186 511,035	12,982	12,511	75	69	58 017	180,623	1 159,690	6,420	5,949
26	20	98 314	13 292,294	172 143,755	12,951	12,480	76	70	55 102	158,840	979,066	6,164	5,693
27	21	98 234	12 297,568	158 851,461	12,917	12,446	77	71	52 039	138,899	820,227	5,905	5,434
28	22	98 150	11 376,970	146 553,893	12,882	12,411	78	72	48 793	120,588	681,328	5,650	5,179
29	23	98 067	10 525,284	135 176,923	12,843	12,372	79	73	45 365	103,812	560,740	5,402	4,930
30	24	97 982	9 737,148	124 651,639	12,802	12,331	80	74	41 878	88,733	456,928	5,149	4,678
31	25	97 894	9 007,841	114 914,491	12,757	12,286	81	75	38 280	75,101	368,195	4,903	4,432
32	26	97 800	8 332,554	105 906,650	12,710	12,239	82	76	34 625	62,899	293,094	4,660	4,189
33	27	97 701	7 707,508	97 574,096	12,660	12,189	83	77	30 969	52,090	230,195	4,419	3,948
34	28	97 605	7 129,558	89 866,589	12,605	12,134	84	78	27 357	42,606	178,105	4,180	3,709
35	29	97 500	6 594,395	82 737,031	12,547	12,076	85	79	23 795	34,313	135,500	3,949	3,478
36	30	97 389	6 098,945	76 142,636	12,485	12,014	86	80	20 318	27,129	101,187	3,730	3,259
37	31	97 273	5 640,471	70 043,691	12,418	11,947	87	81	16 995	21,011	74,057	3,525	3,054
38	32	97 146	5 215,799	64 403,220	12,348	11,877	88	82	13 862	15,868	53,046	3,343	2,872
39	33	97 007	4 822,573	59 187,421	12,273	11,802	89	83	11 101	11,767	37,178	3,160	2,688
40	34	96 859	4 458,490	54 364,848	12,194	11,723	90	84	8 674	8,513	25,411	2,985	2,514
41	35	96 687	4 120,930	49 906,357	12,110	11,639	91	85	6 669	6,060	16,897	2,788	2,317
42	36	96 502	3 808,385	45 785,427	12,022	11,551	92	86	4 915	4,136	10,837	2,620	2,149
43	37	96 302	3 518,954	41 977,042	11,929	11,458	93	87	3 476	2,708	6,702	2,475	2,004
44	38	96 066	3 250,312	38 458,088	11,832	11,361	94	88	2 356	1,700	3,994	2,350	1,879
45	39	95 805	3 001,373	35 207,776	11,731	11,260	95	89	1 540	1,028	2,294	2,231	1,760
46	40	95 507	2 770,400	32 206,403	11,625	11,154	96	90	964	0,596	1,266	2,123	1,652
47	41	95 176	2 556,296	29 436,003	11,515	11,044	97	91	581	0,333	0,670	2,011	1,540
48	42	94 803	2 357,659	26 879,707	11,401	10,930	98	92	331	0,175	0,337	1,920	1,449
49	43	94 379	2 173,250	24 522,048	11,284	10,813	99	93	179	0,088	0,161	1,835	1,364
							100	94	92	0,042	0,073	1,757	1,286

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	43	94 011	2 004,430	22 429,804	11,190	10,719
1							51	44	93 511	1 846,075	20 425,373	11,064	10,593
2							52	45	92 956	1 699,198	18 579,298	10,934	10,463
3							53	46	92 342	1 562,940	16 880,100	10,800	10,329
4							54	47	91 670	1 436,632	15 317,160	10,662	10,191
5							55	48	90 925	1 319,397	13 880,528	10,520	10,049
6							56	49	90 130	1 210,988	12 561,130	10,373	9,902
7	0	99 488	58 050,189	771 439,265	13,289	12,818	57	50	89 272	1 110,604	11 350,142	10,220	9,749
8	1	99 160	53 573,014	713 389,076	13,316	12,845	58	51	88 354	1 017,764	10 239,538	10,061	9,590
9	2	99 122	49 585,771	659 816,062	13,307	12,836	59	52	87 354	931,714	9 221,774	9,898	9,427
10	3	99 098	45 901,408	610 230,291	13,294	12,823	60	53	86 276	852,052	8 290,060	9,730	9,258
11	4	99 075	42 491,410	564 328,884	13,281	12,810	61	54	85 102	778,199	7 438,008	9,558	9,087
12	5	99 053	39 335,358	521 837,474	13,266	12,795	62	55	83 877	710,184	6 659,809	9,378	8,907
13	6	99 034	36 414,525	482 502,116	13,250	12,779	63	56	82 548	647,157	5 949,625	9,193	8,722
14	7	99 017	33 711,497	446 087,592	13,233	12,761	64	57	81 155	589,107	5 302,467	9,001	8,530
15	8	98 993	31 206,594	412 376,094	13,214	12,743	65	58	79 658	535,411	4 713,361	8,803	8,332
16	9	98 967	28 887,429	381 169,500	13,195	12,724	66	59	78 059	485,799	4 177,950	8,600	8,129
17	10	98 931	26 737,990	352 282,071	13,175	12,704	67	60	76 391	440,202	3 692,151	8,387	7,916
18	11	98 889	24 746,952	325 544,081	13,155	12,684	68	61	74 604	398,057	3 251,950	8,170	7,699
19	12	98 826	22 899,291	300 797,129	13,136	12,665	69	62	72 722	359,274	2 853,892	7,943	7,472
20	13	98 765	21 189,861	277 897,838	13,115	12,644	70	63	70 703	323,428	2 494,618	7,713	7,242
21	14	98 696	19 606,591	256 707,977	13,093	12,622	71	64	68 575	290,456	2 171,190	7,475	7,004
22	15	98 628	18 141,768	237 101,386	13,069	12,598	72	65	66 323	260,108	1 880,734	7,231	6,760
23	16	98 560	16 786,206	218 959,618	13,044	12,573	73	66	63 895	232,024	1 620,626	6,985	6,514
24	17	98 489	15 531,725	202 173,412	13,017	12,546	74	67	61 338	206,240	1 388,603	6,733	6,262
25	18	98 415	14 370,419	186 641,687	12,988	12,517	75	68	58 591	182,410	1 182,362	6,482	6,011
26	19	98 336	13 295,153	172 271,268	12,957	12,486	76	69	55 713	160,601	999,952	6,226	5,755
27	20	98 254	12 300,163	158 976,115	12,925	12,454	77	70	52 668	140,579	839,351	5,971	5,500
28	21	98 172	11 379,430	146 675,952	12,890	12,419	78	71	49 453	122,218	698,773	5,717	5,246
29	22	98 090	10 527,704	135 296,523	12,851	12,380	79	72	46 078	105,443	576,554	5,468	4,997
30	23	98 004	9 739,364	124 768,819	12,811	12,340	80	73	42 617	90,298	471,111	5,217	4,746
31	24	97 916	9 009,889	115 029,455	12,767	12,296	81	74	39 034	76,581	380,812	4,973	4,502
32	25	97 822	8 334,411	106 019,566	12,721	12,250	82	75	35 414	64,332	304,231	4,729	4,258
33	26	97 727	7 709,567	97 685,156	12,671	12,200	83	76	31 774	53,444	239,899	4,489	4,018
34	27	97 630	7 131,398	89 975,588	12,617	12,146	84	77	28 172	43,876	186,455	4,250	3,779
35	28	97 526	6 596,108	82 844,190	12,560	12,089	85	78	24 613	35,494	142,579	4,017	3,546
36	29	97 416	6 100,637	76 248,081	12,498	12,027	86	79	21 111	28,188	107,085	3,799	3,328
37	30	97 300	5 642,020	70 147,445	12,433	11,962	87	80	17 765	21,964	78,897	3,592	3,121
38	31	97 177	5 217,500	64 505,425	12,363	11,892	88	81	14 584	16,695	56,933	3,410	2,939
39	32	97 041	4 824,244	59 287,925	12,290	11,819	89	82	11 771	12,477	40,239	3,225	2,754
40	33	96 894	4 460,104	54 463,681	12,211	11,740	90	83	9 277	9,105	27,762	3,049	2,578
41	34	96 727	4 122,603	50 003,577	12,129	11,658	91	84	7 201	6,544	18,657	2,851	2,380
42	35	96 544	3 810,008	45 880,973	12,042	11,571	92	85	5 373	4,521	12,113	2,679	2,208
43	36	96 347	3 520,596	42 070,965	11,950	11,479	93	86	3 847	2,997	7,592	2,533	2,062
44	37	96 117	3 252,025	38 550,369	11,854	11,383	94	87	2 662	1,920	4,595	2,393	1,922
45	38	95 862	3 003,143	35 298,344	11,754	11,283	95	88	1 760	1,176	2,675	2,274	1,803
46	39	95 574	2 772,350	32 295,201	11,649	11,178	96	89	1 121	0,693	1,499	2,162	1,691
47	40	95 244	2 558,120	29 522,851	11,541	11,070	97	90	683	0,391	0,806	2,061	1,590
48	41	94 882	2 359,619	26 964,731	11,428	10,957	98	91	400	0,212	0,415	1,955	1,484
49	42	94 468	2 175,308	24 605,112	11,311	10,840	99	92	221	0,108	0,203	1,869	1,398
							100	93	116	0,053	0,094	1,789	1,318

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	42	94 100	2 006,328	22 503,940	11,216	10,745
1							51	43	93 609	1 848,026	20 497,611	11,092	10,621
2							52	44	93 062	1 701,122	18 649,586	10,963	10,492
3							53	45	92 468	1 565,057	16 948,464	10,829	10,358
4							54	46	91 813	1 438,864	15 383,407	10,691	10,220
5							55	47	91 083	1 321,691	13 944,543	10,551	10,079
6							56	48	90 297	1 213,236	12 622,852	10,404	9,933
7							57	49	89 459	1 112,933	11 409,616	10,252	9,781
8	0	99 478	53 744,977	713 740,500	13,280	12,809	58	50	88 561	1 020,147	10 296,683	10,093	9,622
9	1	99 150	49 599,873	659 995,523	13,306	12,835	59	51	87 572	934,041	9 276,536	9,932	9,461
10	2	99 114	45 908,809	610 395,650	13,296	12,825	60	52	86 516	854,419	8 342,495	9,764	9,293
11	3	99 089	42 497,503	564 486,841	13,283	12,812	61	53	85 361	780,571	7 488,076	9,593	9,122
12	4	99 065	39 340,072	521 989,337	13,269	12,798	62	54	84 145	712,454	6 707,504	9,415	8,944
13	5	99 043	36 417,819	482 649,265	13,253	12,782	63	55	82 846	649,494	5 995,050	9,230	8,759
14	6	99 025	33 714,200	446 231,446	13,236	12,765	64	56	81 464	591,350	5 345,557	9,040	8,569
15	7	99 001	31 209,202	412 517,245	13,218	12,747	65	57	79 988	537,629	4 754,207	8,843	8,372
16	8	98 973	28 889,223	381 308,044	13,199	12,728	66	58	78 417	488,024	4 216,578	8,640	8,169
17	9	98 937	26 739,688	352 418,821	13,180	12,709	67	59	76 758	442,315	3 728,554	8,430	7,959
18	10	98 897	24 748,945	325 679,133	13,159	12,688	68	60	75 014	400,246	3 286,239	8,211	7,740
19	11	98 834	22 901,110	300 930,187	13,140	12,669	69	61	73 138	361,328	2 885,993	7,987	7,516
20	12	98 773	21 191,485	278 029,077	13,120	12,649	70	62	71 150	325,470	2 524,664	7,757	7,286
21	13	98 706	19 608,520	256 837,592	13,098	12,627	71	63	69 036	292,406	2 199,194	7,521	7,050
22	14	98 641	18 144,014	237 229,072	13,075	12,604	72	64	66 804	261,993	1 906,788	7,278	6,807
23	15	98 573	16 788,482	219 085,058	13,050	12,579	73	65	64 394	233,834	1 644,795	7,034	6,563
24	16	98 505	15 534,223	202 296,577	13,023	12,552	74	66	61 847	207,950	1 410,961	6,785	6,314
25	17	98 433	14 372,942	186 762,354	12,994	12,523	75	67	59 124	184,070	1 203,011	6,536	6,065
26	18	98 357	13 298,058	172 389,412	12,964	12,492	76	68	56 264	162,190	1 018,941	6,282	5,811
27	19	98 276	12 302,809	159 091,354	12,931	12,460	77	69	53 252	142,138	856,751	6,028	5,557
28	20	98 192	11 381,831	146 788,546	12,897	12,426	78	70	50 051	123,696	714,614	5,777	5,306
29	21	98 111	10 529,980	135 406,715	12,859	12,388	79	71	46 701	106,869	590,917	5,529	5,058
30	22	98 026	9 741,602	124 876,735	12,819	12,348	80	72	43 287	91,718	484,048	5,278	4,807
31	23	97 939	9 011,939	115 135,133	12,776	12,305	81	73	39 723	77,932	392,330	5,034	4,563
32	24	97 844	8 336,306	106 123,194	12,730	12,259	82	74	36 112	65,600	314,398	4,793	4,322
33	25	97 749	7 711,286	97 786,888	12,681	12,210	83	75	32 498	54,662	248,798	4,552	4,081
34	26	97 656	7 133,304	90 075,602	12,627	12,156	84	76	28 905	45,017	194,136	4,312	3,841
35	27	97 551	6 597,812	82 942,298	12,571	12,100	85	77	25 347	36,552	149,119	4,080	3,609
36	28	97 441	6 102,222	76 344,486	12,511	12,040	86	78	21 837	29,157	112,567	3,861	3,390
37	29	97 327	5 643,585	70 242,265	12,446	11,975	87	79	18 459	22,821	83,409	3,655	3,184
38	30	97 204	5 218,933	64 598,680	12,378	11,907	88	80	15 245	17,451	60,589	3,472	3,001
39	31	97 073	4 825,817	59 379,747	12,305	11,834	89	81	12 384	13,126	43,137	3,286	2,815
40	32	96 927	4 461,649	54 553,930	12,227	11,756	90	82	9 836	9,654	30,011	3,109	2,638
41	33	96 762	4 124,095	50 092,281	12,146	11,675	91	83	7 702	6,999	20,357	2,909	2,438
42	34	96 583	3 811,555	45 968,185	12,060	11,589	92	84	5 803	4,883	13,358	2,736	2,265
43	35	96 388	3 522,097	42 156,630	11,969	11,498	93	85	4 206	3,277	8,476	2,586	2,115
44	36	96 162	3 253,542	38 634,533	11,875	11,404	94	86	2 946	2,125	5,199	2,446	1,975
45	37	95 912	3 004,726	35 380,991	11,775	11,304	95	87	1 988	1,328	3,073	2,314	1,843
46	38	95 631	2 773,985	32 376,265	11,671	11,200	96	88	1 281	0,792	1,745	2,202	1,731
47	39	95 311	2 559,920	29 602,280	11,564	11,093	97	89	793	0,454	0,953	2,097	1,626
48	40	94 949	2 361,303	27 042,360	11,452	10,981	98	90	470	0,249	0,498	2,001	1,530
49	41	94 547	2 177,117	24 681,057	11,337	10,866	99	91	267	0,131	0,249	1,901	1,430
							100	92	143	0,065	0,118	1,820	1,349

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	41	94 178	2 007,997	22 571,706	11,241	10,770
1							51	42	93 698	1 849,775	20 563,709	11,117	10,646
2							52	43	93 160	1 702,920	18 713,933	10,989	10,518
3							53	44	92 572	1 566,829	17 011,014	10,857	10,386
4							54	45	91 937	1 440,813	15 444,185	10,719	10,248
5							55	46	91 224	1 323,744	14 003,373	10,579	10,108
6							56	47	90 454	1 215,345	12 679,629	10,433	9,962
7							57	48	89 625	1 114,999	11 464,283	10,282	9,811
8							58	49	88 746	1 022,286	10 349,284	10,124	9,653
9	0	99 469	49 759,083	660 318,283	13,270	12,799	59	50	87 778	936,228	9 326,998	9,962	9,491
10	1	99 142	45 921,866	610 559,200	13,296	12,825	60	51	86 732	856,553	8 390,770	9,796	9,325
11	2	99 105	42 504,356	564 637,334	13,284	12,813	61	52	85 599	782,740	7 534,217	9,625	9,154
12	3	99 079	39 345,714	522 132,978	13,270	12,799	62	53	84 402	714,626	6 751,477	9,448	8,977
13	4	99 055	36 422,184	482 787,264	13,255	12,784	63	54	83 111	651,570	6 036,851	9,265	8,794
14	5	99 034	33 717,250	446 365,080	13,238	12,767	64	55	81 758	593,485	5 385,281	9,074	8,603
15	6	99 009	31 211,704	412 647,829	13,221	12,750	65	56	80 293	539,676	4 791,797	8,879	8,408
16	7	98 981	28 891,637	381 436,125	13,202	12,731	66	57	78 742	490,046	4 252,120	8,677	8,206
17	8	98 943	26 741,349	352 544,488	13,183	12,712	67	58	77 110	444,341	3 762,074	8,467	7,996
18	9	98 904	24 750,517	325 803,139	13,163	12,692	68	59	75 374	402,168	3 317,733	8,250	7,779
19	10	98 842	22 902,955	301 052,623	13,145	12,674	69	60	73 540	363,315	2 915,566	8,025	7,554
20	11	98 780	21 193,168	278 149,668	13,124	12,653	70	61	71 557	327,331	2 552,251	7,797	7,326
21	12	98 714	19 610,024	256 956,499	13,103	12,632	71	62	69 471	294,252	2 224,920	7,561	7,090
22	13	98 650	18 145,799	237 346,476	13,080	12,609	72	63	67 252	263,752	1 930,667	7,320	6,849
23	14	98 585	16 790,560	219 200,677	13,055	12,584	73	64	64 860	235,529	1 666,915	7,077	6,606
24	15	98 519	15 536,329	202 410,117	13,028	12,557	74	65	62 329	209,572	1 431,386	6,830	6,359
25	16	98 449	14 375,253	186 873,788	13,000	12,529	75	66	59 614	185,596	1 221,814	6,583	6,112
26	17	98 374	13 300,392	172 498,535	12,969	12,498	76	67	56 776	163,666	1 036,218	6,331	5,860
27	18	98 297	12 305,496	159 198,143	12,937	12,466	77	68	53 779	143,544	872,552	6,079	5,608
28	19	98 213	11 384,279	146 892,646	12,903	12,432	78	69	50 606	125,068	729,009	5,829	5,358
29	20	98 131	10 532,202	135 508,367	12,866	12,395	79	70	47 266	108,162	603,941	5,584	5,113
30	21	98 048	9 743,708	124 976,165	12,826	12,355	80	71	43 872	92,958	495,779	5,333	4,862
31	22	97 961	9 014,010	115 232,457	12,784	12,313	81	72	40 347	79,157	402,821	5,089	4,618
32	23	97 866	8 338,203	106 218,446	12,739	12,268	82	73	36 749	66,757	323,664	4,848	4,377
33	24	97 771	7 713,039	97 880,244	12,690	12,219	83	74	33 139	55,739	256,906	4,609	4,138
34	25	97 678	7 134,894	90 167,204	12,637	12,166	84	75	29 564	46,043	201,167	4,369	3,898
35	26	97 577	6 599,575	83 032,310	12,581	12,110	85	76	26 006	37,503	155,124	4,136	3,665
36	27	97 466	6 103,797	76 432,736	12,522	12,051	86	77	22 488	30,027	117,622	3,917	3,446
37	28	97 352	5 645,051	70 328,938	12,459	11,987	87	78	19 094	23,606	87,595	3,711	3,240
38	29	97 231	5 220,380	64 683,887	12,391	11,920	88	79	15 840	18,132	63,989	3,529	3,058
39	30	97 099	4 827,142	59 463,507	12,319	11,848	89	80	12 945	13,721	45,857	3,342	2,871
40	31	96 959	4 463,104	54 636,365	12,242	11,771	90	81	10 349	10,157	32,135	3,164	2,693
41	32	96 795	4 125,524	50 173,260	12,162	11,691	91	82	8 166	7,421	21,979	2,962	2,491
42	33	96 618	3 812,935	46 047,736	12,077	11,606	92	83	6 206	5,222	14,558	2,788	2,317
43	34	96 427	3 523,527	42 234,801	11,987	11,515	93	84	4 542	3,539	9,336	2,638	2,167
44	35	96 203	3 254,929	38 711,275	11,893	11,422	94	85	3 221	2,324	5,797	2,495	2,024
45	36	95 957	3 006,128	35 456,346	11,795	11,324	95	86	2 201	1,470	3,474	2,363	1,892
46	37	95 681	2 775,447	32 450,218	11,692	11,221	96	87	1 447	0,895	2,003	2,238	1,767
47	38	95 367	2 561,430	29 674,770	11,585	11,114	97	88	907	0,520	1,108	2,133	1,662
48	39	95 016	2 362,964	27 113,340	11,474	11,003	98	89	546	0,289	0,589	2,034	1,563
49	40	94 614	2 178,670	24 750,376	11,360	10,889	99	90	314	0,154	0,299	1,944	1,473
							100	91	173	0,079	0,145	1,850	1,379



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	40	94 245	2 009,429	22 633,544	11,264	10,793
1							51	41	93 776	1 851,314	20 624,114	11,140	10,669
2							52	42	93 248	1 704,532	18 772,801	11,013	10,542
3							53	43	92 670	1 568,484	17 068,269	10,882	10,411
4							54	44	92 041	1 442,444	15 499,784	10,746	10,274
5							55	45	91 348	1 325,537	14 057,341	10,605	10,134
6							56	46	90 595	1 217,233	12 731,804	10,460	9,989
7							57	47	89 781	1 116,937	11 514,571	10,309	9,838
8							58	48	88 911	1 024,184	10 397,634	10,152	9,681
9							59	49	87 962	938,191	9 373,450	9,991	9,520
10	0	99 460	46 069,270	610 855,633	13,260	12,788	60	50	86 935	858,559	8 435,259	9,825	9,354
11	1	99 133	42 516,444	564 786,363	13,284	12,813	61	51	85 812	784,695	7 576,700	9,656	9,185
12	2	99 095	39 352,058	522 269,919	13,272	12,801	62	52	84 636	716,612	6 792,005	9,478	9,007
13	3	99 069	36 427,407	482 917,861	13,257	12,786	63	53	83 364	653,556	6 075,394	9,296	8,825
14	4	99 046	33 721,292	446 490,453	13,241	12,770	64	54	82 019	595,382	5 421,838	9,106	8,635
15	5	99 018	31 214,528	412 769,161	13,224	12,753	65	55	80 583	541,625	4 826,456	8,911	8,440
16	6	98 989	28 893,954	381 554,634	13,205	12,734	66	56	79 041	491,912	4 284,831	8,711	8,240
17	7	98 952	26 743,583	352 660,680	13,187	12,716	67	57	77 429	446,182	3 792,919	8,501	8,030
18	8	98 910	24 752,054	325 917,097	13,167	12,696	68	58	75 719	404,010	3 346,737	8,284	7,813
19	9	98 849	22 904,409	301 165,043	13,149	12,678	69	59	73 893	365,059	2 942,727	8,061	7,590
20	10	98 788	21 194,876	278 260,634	13,129	12,658	70	60	71 950	329,131	2 577,668	7,832	7,361
21	11	98 721	19 611,581	257 065,758	13,108	12,637	71	61	69 869	295,935	2 248,537	7,598	7,127
22	12	98 658	18 147,190	237 454,177	13,085	12,614	72	62	67 677	265,417	1 952,602	7,357	6,886
23	13	98 595	16 792,212	219 306,987	13,060	12,589	73	63	65 296	237,110	1 687,185	7,116	6,645
24	14	98 531	15 538,252	202 514,775	13,033	12,562	74	64	62 781	211,091	1 450,075	6,869	6,398
25	15	98 462	14 377,202	186 976,523	13,005	12,534	75	65	60 079	187,044	1 238,984	6,624	6,153
26	16	98 390	13 302,531	172 599,321	12,975	12,504	76	66	57 246	165,022	1 051,940	6,375	5,903
27	17	98 314	12 307,657	159 296,790	12,943	12,472	77	67	54 269	144,850	886,917	6,123	5,652
28	18	98 235	11 386,767	146 989,133	12,909	12,438	78	68	51 106	126,305	742,067	5,875	5,404
29	19	98 153	10 534,467	135 602,366	12,872	12,401	79	69	47 790	109,361	615,762	5,631	5,159
30	20	98 068	9 745,765	125 067,899	12,833	12,362	80	70	44 403	94,082	506,401	5,383	4,911
31	21	97 982	9 015,959	115 322,134	12,791	12,320	81	71	40 893	80,228	412,319	5,139	4,668
32	22	97 889	8 340,119	106 306,175	12,746	12,275	82	72	37 327	67,807	332,091	4,898	4,427
33	23	97 793	7 714,794	97 966,056	12,698	12,227	83	73	33 723	56,723	264,284	4,659	4,188
34	24	97 700	7 136,517	90 251,262	12,646	12,175	84	74	30 146	46,950	207,562	4,421	3,950
35	25	97 599	6 601,046	83 114,745	12,591	12,120	85	75	26 599	38,357	160,612	4,187	3,716
36	26	97 493	6 105,428	76 513,700	12,532	12,061	86	76	23 073	30,808	122,254	3,968	3,497
37	27	97 378	5 646,509	70 408,271	12,469	11,998	87	77	19 663	24,310	91,447	3,762	3,291
38	28	97 256	5 221,737	64 761,763	12,402	11,931	88	78	16 385	18,756	67,137	3,579	3,108
39	29	97 126	4 828,481	59 540,026	12,331	11,860	89	79	13 450	14,257	48,381	3,394	2,922
40	30	96 985	4 464,329	54 711,545	12,255	11,784	90	80	10 818	10,617	34,124	3,214	2,743
41	31	96 827	4 126,870	50 247,215	12,176	11,705	91	81	8 591	7,807	23,507	3,011	2,540
42	32	96 651	3 814,256	46 120,345	12,092	11,621	92	82	6 580	5,537	15,700	2,836	2,365
43	33	96 462	3 524,802	42 306,089	12,002	11,531	93	83	4 858	3,785	10,163	2,685	2,214
44	34	96 242	3 256,250	38 781,288	11,910	11,439	94	84	3 478	2,509	6,378	2,542	2,071
45	35	95 998	3 007,409	35 525,037	11,813	11,341	95	85	2 406	1,607	3,869	2,407	1,936
46	36	95 726	2 776,742	32 517,628	11,711	11,240	96	86	1 602	0,991	2,262	2,283	1,812
47	37	95 417	2 562,780	29 740,886	11,605	11,134	97	87	1 025	0,587	1,271	2,166	1,695
48	38	95 072	2 364,358	27 178,105	11,495	11,024	98	88	624	0,331	0,684	2,067	1,596
49	39	94 681	2 180,203	24 813,747	11,381	10,910	99	89	364	0,179	0,353	1,973	1,502
							100	90	203	0,092	0,174	1,889	1,418

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	39	94 312	2 010,843	22 690,069	11,284	10,813
1							51	40	93 843	1 852,634	20 679,225	11,162	10,691
2							52	41	93 326	1 705,950	18 826,591	11,036	10,565
3							53	42	92 758	1 569,969	17 120,641	10,905	10,434
4							54	43	92 138	1 443,968	15 550,672	10,769	10,298
5							55	44	91 451	1 327,037	14 106,704	10,630	10,159
6							56	45	90 718	1 218,882	12 779,667	10,485	10,014
7							57	46	89 920	1 118,672	11 560,785	10,334	9,863
8							58	47	89 066	1 025,964	10 442,113	10,178	9,707
9							59	48	88 125	939,933	9 416,149	10,018	9,547
10							60	49	87 117	860,358	8 476,216	9,852	9,381
11	0	99 451	42 652,917	565 058,620	13,248	12,777	61	50	86 013	786,533	7 615,857	9,683	9,212
12	1	99 123	39 363,251	522 405,703	13,271	12,800	62	51	84 848	718,401	6 829,325	9,506	9,035
13	2	99 085	36 433,281	483 042,452	13,258	12,787	63	52	83 596	655,372	6 110,924	9,324	8,853
14	3	99 060	33 726,128	446 609,171	13,242	12,771	64	53	82 269	597,197	5 455,552	9,135	8,664
15	4	99 030	31 218,269	412 883,044	13,226	12,755	65	54	80 840	543,356	4 858,355	8,941	8,470
16	5	98 998	28 896,568	381 664,774	13,208	12,737	66	55	79 327	493,688	4 314,999	8,740	8,269
17	6	98 960	26 745,728	352 768,207	13,190	12,719	67	56	77 724	447,881	3 821,311	8,532	8,061
18	7	98 918	24 754,122	326 022,479	13,170	12,699	68	57	76 033	405,684	3 373,430	8,315	7,844
19	8	98 855	22 905,832	301 268,357	13,152	12,681	69	58	74 231	366,732	2 967,747	8,092	7,621
20	9	98 795	21 196,221	278 362,525	13,133	12,662	70	59	72 296	330,711	2 601,015	7,865	7,394
21	10	98 729	19 613,161	257 166,304	13,112	12,641	71	60	70 253	297,562	2 270,304	7,630	7,159
22	11	98 666	18 148,631	237 553,143	13,089	12,618	72	61	68 064	266,935	1 972,742	7,390	6,919
23	12	98 602	16 793,499	219 404,512	13,065	12,594	73	62	65 708	238,607	1 705,807	7,149	6,678
24	13	98 541	15 539,781	202 611,012	13,038	12,567	74	63	63 202	212,508	1 467,200	6,904	6,433
25	14	98 474	14 378,982	187 071,231	13,010	12,539	75	64	60 515	188,400	1 254,692	6,660	6,189
26	15	98 404	13 304,334	172 692,249	12,980	12,509	76	65	57 693	166,310	1 066,292	6,411	5,940
27	16	98 330	12 309,636	159 387,915	12,948	12,477	77	66	54 718	146,051	899,982	6,162	5,691
28	17	98 252	11 388,766	147 078,279	12,914	12,443	78	67	51 571	127,455	753,931	5,915	5,444
29	18	98 174	10 536,769	135 689,513	12,878	12,407	79	68	48 263	110,443	626,476	5,672	5,201
30	19	98 089	9 747,861	125 152,744	12,839	12,368	80	69	44 895	95,126	516,033	5,425	4,954
31	20	98 003	9 017,862	115 404,883	12,797	12,326	81	70	41 387	81,198	420,908	5,184	4,713
32	21	97 910	8 341,922	106 387,022	12,753	12,282	82	71	37 832	68,724	339,710	4,943	4,472
33	22	97 816	7 716,567	98 045,099	12,706	12,235	83	72	34 253	57,614	270,986	4,703	4,232
34	23	97 722	7 138,140	90 328,532	12,654	12,183	84	73	30 678	47,778	213,372	4,466	3,995
35	24	97 621	6 602,547	83 190,392	12,600	12,129	85	74	27 123	39,113	165,594	4,234	3,763
36	25	97 514	6 106,789	76 587,845	12,541	12,070	86	75	23 599	31,510	126,481	4,014	3,543
37	26	97 404	5 648,018	70 481,056	12,479	12,008	87	76	20 174	24,942	94,971	3,808	3,337
38	27	97 281	5 223,085	64 833,038	12,413	11,942	88	77	16 873	19,315	70,029	3,626	3,155
39	28	97 152	4 829,736	59 609,953	12,342	11,871	89	78	13 913	14,747	50,714	3,439	2,968
40	29	97 012	4 465,568	54 780,217	12,267	11,796	90	79	11 240	11,031	35,966	3,260	2,789
41	30	96 853	4 128,003	50 314,649	12,189	11,718	91	80	8 981	8,161	24,935	3,055	2,584
42	31	96 683	3 815,500	46 186,647	12,105	11,634	92	81	6 923	5,825	16,774	2,880	2,409
43	32	96 495	3 526,023	42 371,147	12,017	11,546	93	82	5 151	4,013	10,949	2,728	2,257
44	33	96 276	3 257,429	38 845,124	11,925	11,454	94	83	3 720	2,684	6,936	2,585	2,114
45	34	96 037	3 008,630	35 587,695	11,829	11,357	95	84	2 599	1,736	4,253	2,450	1,979
46	35	95 766	2 777,926	32 579,064	11,728	11,257	96	85	1 751	1,083	2,517	2,323	1,852
47	36	95 462	2 563,976	29 801,138	11,623	11,152	97	86	1 134	0,650	1,434	2,207	1,736
48	37	95 122	2 365,604	27 237,163	11,514	11,043	98	87	705	0,374	0,784	2,097	1,625
49	38	94 736	2 181,490	24 871,558	11,401	10,930	99	88	417	0,205	0,410	2,004	1,533
							100	89	236	0,107	0,205	1,916	1,445

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	38	94 367	2 012,030	22 741,626	11,303	10,832
1							51	39	93 909	1 853,938	20 729,596	11,181	10,710
2							52	40	93 392	1 707,166	18 875,658	11,057	10,586
3							53	41	92 835	1 571,275	17 168,492	10,926	10,455
4							54	42	92 226	1 445,335	15 597,217	10,791	10,320
5							55	43	91 548	1 328,440	14 151,882	10,653	10,182
6							56	44	90 820	1 220,262	12 823,442	10,509	10,038
7							57	45	90 042	1 120,187	11 603,180	10,358	9,887
8							58	46	89 204	1 027,558	10 482,993	10,202	9,731
9							59	47	88 278	941,567	9 455,435	10,042	9,571
10							60	48	87 279	861,956	8 513,868	9,877	9,406
11							61	49	86 194	788,181	7 651,913	9,708	9,237
12	0	99 442	39 489,602	522 655,757	13,235	12,764	62	50	85 046	720,084	6 863,731	9,532	9,061
13	1	99 113	36 443,643	483 166,155	13,258	12,787	63	51	83 805	657,008	6 143,648	9,351	8,880
14	2	99 076	33 731,566	446 722,512	13,243	12,772	64	52	82 498	598,856	5 486,639	9,162	8,691
15	3	99 044	31 222,746	412 990,946	13,227	12,756	65	53	81 087	545,012	4 887,783	8,968	8,497
16	4	99 010	28 900,031	381 768,200	13,210	12,739	66	54	79 580	495,266	4 342,771	8,769	8,298
17	5	98 969	26 748,147	352 868,169	13,192	12,721	67	55	78 004	449,498	3 847,505	8,560	8,089
18	6	98 926	24 756,107	326 120,022	13,173	12,702	68	56	76 323	407,228	3 398,007	8,344	7,873
19	7	98 863	22 907,746	301 363,915	13,156	12,685	69	57	74 539	368,251	2 990,779	8,122	7,651
20	8	98 801	21 197,538	278 456,169	13,136	12,665	70	58	72 627	332,226	2 622,528	7,894	7,423
21	9	98 736	19 614,406	257 258,631	13,116	12,645	71	59	70 590	298,991	2 290,302	7,660	7,189
22	10	98 674	18 150,093	237 644,225	13,093	12,622	72	60	68 438	268,403	1 991,311	7,419	6,948
23	11	98 610	16 794,833	219 494,132	13,069	12,598	73	61	66 084	239,972	1 722,909	7,180	6,709
24	12	98 548	15 540,972	202 699,298	13,043	12,572	74	62	63 602	213,850	1 482,937	6,934	6,463
25	13	98 484	14 380,397	187 158,326	13,015	12,544	75	63	60 921	189,665	1 269,087	6,691	6,220
26	14	98 416	13 305,982	172 777,929	12,985	12,514	76	64	58 111	167,515	1 079,422	6,444	5,973
27	15	98 343	12 311,305	159 471,948	12,953	12,482	77	65	55 145	147,190	911,907	6,195	5,724
28	16	98 268	11 390,597	147 160,643	12,919	12,448	78	66	51 999	128,511	764,717	5,951	5,480
29	17	98 191	10 538,619	135 770,046	12,883	12,412	79	67	48 702	111,448	636,205	5,709	5,237
30	18	98 111	9 749,991	125 231,427	12,844	12,373	80	68	45 339	96,067	524,757	5,462	4,991
31	19	98 024	9 019,801	115 481,436	12,803	12,332	81	69	41 846	82,098	428,691	5,222	4,751
32	20	97 930	8 343,683	106 461,635	12,760	12,289	82	70	38 289	69,555	346,592	4,983	4,512
33	21	97 837	7 718,236	98 117,952	12,712	12,241	83	71	34 716	58,393	277,038	4,744	4,273
34	22	97 745	7 139,781	90 399,717	12,661	12,190	84	72	31 160	48,529	218,644	4,505	4,034
35	23	97 643	6 604,049	83 259,936	12,607	12,136	85	73	27 602	39,803	170,115	4,274	3,803
36	24	97 536	6 108,178	76 655,887	12,550	12,079	86	74	24 064	32,131	130,312	4,056	3,585
37	25	97 425	5 649,276	70 547,709	12,488	12,017	87	75	20 634	25,510	98,181	3,849	3,378
38	26	97 307	5 224,481	64 898,432	12,422	11,951	88	76	17 312	19,818	72,671	3,667	3,196
39	27	97 177	4 830,983	59 673,952	12,352	11,881	89	77	14 328	15,187	52,853	3,480	3,009
40	28	97 038	4 466,728	54 842,969	12,278	11,807	90	78	11 627	11,411	37,666	3,301	2,830
41	29	96 880	4 129,148	50 376,241	12,200	11,729	91	79	9 331	8,480	26,255	3,096	2,625
42	30	96 709	3 816,547	46 247,093	12,118	11,646	92	80	7 237	6,089	17,776	2,919	2,448
43	31	96 527	3 527,173	42 430,545	12,030	11,559	93	81	5 419	4,222	11,687	2,768	2,297
44	32	96 310	3 258,558	38 903,372	11,939	11,468	94	82	3 944	2,845	7,465	2,624	2,152
45	33	96 072	3 009,719	35 644,815	11,843	11,372	95	83	2 779	1,856	4,620	2,489	2,017
46	34	95 805	2 779,054	32 635,096	11,743	11,272	96	84	1 891	1,170	2,763	2,362	1,891
47	35	95 503	2 565,069	29 856,042	11,639	11,168	97	85	1 240	0,710	1,593	2,244	1,772
48	36	95 167	2 366,708	27 290,973	11,531	11,060	98	86	781	0,414	0,883	2,134	1,663
49	37	94 786	2 182,639	24 924,265	11,419	10,948	99	87	471	0,231	0,469	2,031	1,560
							100	88	270	0,123	0,238	1,943	1,472

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	37	94 417	2 013,090	22 788,623	11,320	10,849
1							51	38	93 964	1 855,032	20 775,533	11,200	10,729
2							52	39	93 458	1 708,368	18 920,502	11,075	10,604
3							53	40	92 901	1 572,396	17 212,134	10,946	10,475
4							54	41	92 302	1 446,537	15 639,738	10,812	10,341
5							55	42	91 635	1 329,697	14 193,201	10,674	10,203
6							56	43	90 916	1 221,551	12 863,503	10,530	10,059
7							57	44	90 144	1 121,455	11 641,952	10,381	9,910
8							58	45	89 325	1 028,950	10 520,497	10,225	9,753
9							59	46	88 415	943,029	9 491,547	10,065	9,594
10							60	47	87 431	863,454	8 548,518	9,900	9,429
11							61	48	86 354	789,645	7 685,064	9,732	9,261
12							62	49	85 225	721,593	6 895,419	9,556	9,085
13	0	99 431	36 560,623	483 395,822	13,222	12,751	63	50	84 001	658,547	6 173,826	9,375	8,904
14	1	99 104	33 741,160	446 835,199	13,243	12,772	64	51	82 704	600,351	5 515,279	9,187	8,716
15	2	99 060	31 227,780	413 094,039	13,228	12,757	65	52	81 312	546,527	4 914,927	8,993	8,522
16	3	99 024	28 904,176	381 866,259	13,211	12,740	66	53	79 823	496,776	4 368,401	8,794	8,322
17	4	98 980	26 751,353	352 962,083	13,194	12,723	67	54	78 254	450,935	3 871,625	8,586	8,115
18	5	98 935	24 758,346	326 210,730	13,176	12,705	68	55	76 598	408,699	3 420,690	8,370	7,899
19	6	98 871	22 909,582	301 452,383	13,158	12,687	69	56	74 823	369,653	3 011,992	8,148	7,677
20	7	98 809	21 199,309	278 542,801	13,139	12,668	70	57	72 928	333,602	2 642,339	7,921	7,450
21	8	98 742	19 615,625	257 343,492	13,119	12,648	71	58	70 914	300,360	2 308,736	7,687	7,216
22	9	98 680	18 151,246	237 727,867	13,097	12,626	72	59	68 767	269,691	2 008,376	7,447	6,976
23	10	98 618	16 796,186	219 576,621	13,073	12,602	73	60	66 447	241,291	1 738,685	7,206	6,735
24	11	98 556	15 542,207	202 780,435	13,047	12,576	74	61	63 965	215,073	1 497,394	6,962	6,491
25	12	98 491	14 381,499	187 238,228	13,019	12,548	75	62	61 306	190,862	1 282,321	6,719	6,248
26	13	98 425	13 307,291	172 856,729	12,990	12,519	76	63	58 501	168,640	1 091,459	6,472	6,001
27	14	98 356	12 312,829	159 549,439	12,958	12,487	77	64	55 545	148,257	922,819	6,224	5,753
28	15	98 281	11 392,141	147 236,610	12,924	12,453	78	65	52 405	129,514	774,562	5,981	5,509
29	16	98 207	10 540,313	135 844,468	12,888	12,417	79	66	49 106	112,372	645,048	5,740	5,269
30	17	98 128	9 751,703	125 304,155	12,849	12,378	80	67	45 752	96,941	532,676	5,495	5,024
31	18	98 046	9 021,772	115 552,452	12,808	12,337	81	68	42 260	82,910	435,735	5,255	4,784
32	19	97 952	8 345,477	106 530,680	12,765	12,294	82	69	38 714	70,326	352,824	5,017	4,546
33	20	97 857	7 719,865	98 185,203	12,719	12,247	83	70	35 136	59,099	282,499	4,780	4,309
34	21	97 766	7 141,324	90 465,338	12,668	12,197	84	71	31 582	49,186	223,399	4,542	4,071
35	22	97 666	6 605,567	83 324,014	12,614	12,143	85	72	28 036	40,429	174,213	4,309	3,838
36	23	97 559	6 109,568	76 718,447	12,557	12,086	86	73	24 488	32,698	133,785	4,092	3,621
37	24	97 447	5 650,561	70 608,880	12,496	12,025	87	74	21 041	26,013	101,087	3,886	3,415
38	25	97 329	5 225,645	64 958,318	12,431	11,960	88	75	17 706	20,269	75,074	3,704	3,233
39	26	97 203	4 832,274	59 732,673	12,361	11,890	89	76	14 701	15,582	54,805	3,517	3,046
40	27	97 063	4 467,882	54 900,399	12,288	11,817	90	77	11 973	11,751	39,223	3,338	2,867
41	28	96 905	4 130,221	50 432,518	12,211	11,740	91	78	9 652	8,771	27,472	3,132	2,661
42	29	96 736	3 817,606	46 302,297	12,129	11,658	92	79	7 519	6,327	18,701	2,956	2,485
43	30	96 553	3 528,141	42 484,691	12,042	11,571	93	80	5 665	4,413	12,374	2,804	2,333
44	31	96 341	3 259,620	38 956,550	11,951	11,480	94	81	4 150	2,994	7,961	2,659	2,188
45	32	96 105	3 010,762	35 696,930	11,856	11,385	95	82	2 947	1,968	4,967	2,524	2,053
46	33	95 840	2 780,060	32 686,167	11,757	11,286	96	83	2 023	1,251	2,999	2,397	1,926
47	34	95 541	2 566,110	29 906,108	11,654	11,183	97	84	1 339	0,767	1,748	2,279	1,808
48	35	95 207	2 367,717	27 339,998	11,547	11,076	98	85	853	0,452	0,981	2,168	1,697
49	36	94 831	2 183,657	24 972,281	11,436	10,965	99	86	521	0,256	0,528	2,065	1,594
							100	87	305	0,138	0,272	1,968	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	36	94 461	2 014,029	22 831,430	11,336	10,865
1							51	37	94 014	1 856,009	20 817,401	11,216	10,745
2							52	38	93 513	1 709,376	18 961,392	11,093	10,622
3							53	39	92 966	1 573,502	17 252,016	10,964	10,493
4							54	40	92 368	1 447,569	15 678,514	10,831	10,360
5							55	41	91 711	1 330,803	14 230,945	10,694	10,222
6							56	42	91 002	1 222,708	12 900,142	10,550	10,079
7							57	43	90 239	1 122,640	11 677,434	10,402	9,931
8							58	44	89 426	1 030,115	10 554,793	10,246	9,775
9							59	45	88 535	944,307	9 524,679	10,086	9,615
10							60	46	87 567	864,795	8 580,372	9,922	9,451
11							61	47	86 504	791,017	7 715,577	9,754	9,283
12							62	48	85 383	722,933	6 924,560	9,578	9,107
13							63	49	84 177	659,928	6 201,627	9,397	8,926
14	0	99 422	33 849,465	447 046,146	13,207	12,736	64	50	82 898	601,757	5 541,699	9,209	8,738
15	1	99 088	31 236,662	413 196,681	13,228	12,757	65	51	81 515	547,891	4 939,942	9,016	8,545
16	2	99 040	28 908,836	381 960,019	13,213	12,742	66	52	80 045	498,156	4 392,050	8,817	8,346
17	3	98 995	26 755,190	353 051,183	13,196	12,725	67	53	78 492	452,309	3 893,895	8,609	8,138
18	4	98 947	24 761,314	326 295,993	13,178	12,707	68	54	76 843	410,005	3 441,585	8,394	7,923
19	5	98 880	22 911,655	301 534,679	13,161	12,690	69	55	75 093	370,988	3 031,580	8,172	7,701
20	6	98 817	21 201,009	278 623,024	13,142	12,671	70	56	73 205	334,872	2 660,592	7,945	7,474
21	7	98 750	19 617,264	257 422,015	13,122	12,651	71	57	71 207	301,605	2 325,720	7,711	7,240
22	8	98 686	18 152,373	237 804,752	13,100	12,629	72	58	69 082	270,927	2 024,115	7,471	7,000
23	9	98 624	16 797,253	219 652,378	13,077	12,606	73	59	66 766	242,450	1 753,189	7,231	6,760
24	10	98 564	15 543,459	202 855,126	13,051	12,580	74	60	64 317	216,255	1 510,739	6,986	6,515
25	11	98 499	14 382,641	187 311,667	13,023	12,552	75	61	61 656	191,954	1 294,484	6,744	6,273
26	12	98 433	13 308,311	172 929,026	12,994	12,523	76	62	58 871	169,705	1 102,530	6,497	6,026
27	13	98 365	12 314,040	159 620,715	12,962	12,491	77	63	55 918	149,252	932,825	6,250	5,779
28	14	98 293	11 393,552	147 306,674	12,929	12,458	78	64	52 784	130,453	783,573	6,007	5,536
29	15	98 220	10 541,742	135 913,123	12,893	12,422	79	65	49 489	113,249	653,120	5,767	5,296
30	16	98 144	9 753,270	125 371,380	12,854	12,383	80	66	46 131	97,744	539,872	5,523	5,052
31	17	98 063	9 023,356	115 618,110	12,813	12,342	81	67	42 645	83,665	442,127	5,284	4,813
32	18	97 973	8 347,301	106 594,754	12,770	12,299	82	68	39 097	71,022	358,462	5,047	4,576
33	19	97 878	7 721,525	98 247,453	12,724	12,253	83	69	35 526	59,755	287,441	4,810	4,339
34	20	97 786	7 142,831	90 525,928	12,674	12,203	84	70	31 964	49,781	227,686	4,574	4,103
35	21	97 687	6 606,995	83 383,096	12,620	12,149	85	71	28 415	40,975	177,905	4,342	3,871
36	22	97 581	6 110,972	76 776,101	12,564	12,093	86	72	24 873	33,211	136,930	4,123	3,652
37	23	97 470	5 651,847	70 665,130	12,503	12,032	87	73	21 412	26,472	103,718	3,918	3,447
38	24	97 351	5 226,834	65 013,283	12,438	11,967	88	74	18 055	20,669	77,246	3,737	3,266
39	25	97 224	4 833,351	59 786,449	12,370	11,899	89	75	15 036	15,937	56,578	3,550	3,079
40	26	97 089	4 469,075	54 953,098	12,296	11,825	90	76	12 285	12,057	40,641	3,371	2,900
41	27	96 930	4 131,287	50 484,023	12,220	11,749	91	77	9 940	9,033	28,584	3,164	2,693
42	28	96 761	3 818,598	46 352,736	12,139	11,668	92	78	7 778	6,544	19,551	2,988	2,516
43	29	96 580	3 529,120	42 534,138	12,052	11,581	93	79	5 886	4,585	13,007	2,837	2,366
44	30	96 368	3 260,515	39 005,018	11,963	11,492	94	80	4 338	3,129	8,422	2,691	2,220
45	31	96 136	3 011,744	35 744,503	11,868	11,397	95	81	3 100	2,071	5,292	2,556	2,085
46	32	95 873	2 781,023	32 732,759	11,770	11,299	96	82	2 145	1,326	3,221	2,429	1,958
47	33	95 576	2 567,039	29 951,736	11,668	11,197	97	83	1 432	0,820	1,895	2,310	1,839
48	34	95 246	2 368,678	27 384,697	11,561	11,090	98	84	922	0,489	1,075	2,199	1,728
49	35	94 871	2 184,588	25 016,019	11,451	10,980	99	85	570	0,280	0,586	2,095	1,624
							100	86	337	0,153	0,306	1,999	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	35	94 501	2 014,888	22 870,417	11,351	10,880
1							51	36	94 058	1 856,875	20 855,530	11,232	10,760
2							52	37	93 562	1 710,276	18 998,654	11,109	10,637
3							53	38	93 021	1 574,431	17 288,378	10,981	10,510
4							54	39	92 433	1 448,588	15 713,947	10,848	10,377
5							55	40	91 776	1 331,753	14 265,360	10,712	10,241
6							56	41	91 078	1 223,725	12 933,607	10,569	10,098
7							57	42	90 325	1 123,703	11 709,882	10,421	9,950
8							58	43	89 520	1 031,203	10 586,179	10,266	9,795
9							59	44	88 635	945,376	9 554,976	10,107	9,636
10							60	45	87 685	865,967	8 609,600	9,942	9,471
11							61	46	86 638	792,246	7 743,634	9,774	9,303
12							62	47	85 531	724,189	6 951,388	9,599	9,128
13							63	48	84 333	661,153	6 227,198	9,419	8,948
14							64	49	83 071	603,019	5 566,045	9,230	8,759
15	0	99 406	31 336,928	413 390,431	13,192	12,721	65	50	81 706	549,174	4 963,026	9,037	8,566
16	1	99 068	28 917,058	382 053,503	13,212	12,741	66	51	80 245	499,400	4 413,852	8,838	8,367
17	2	99 011	26 759,504	353 136,445	13,197	12,726	67	52	78 710	453,566	3 914,452	8,630	8,159
18	3	98 961	24 764,865	326 376,941	13,179	12,708	68	53	77 077	411,255	3 460,886	8,415	7,944
19	4	98 892	22 914,401	301 612,076	13,163	12,692	69	54	75 333	372,174	3 049,631	8,194	7,723
20	5	98 826	21 202,927	278 697,675	13,144	12,673	70	55	73 470	336,082	2 677,458	7,967	7,496
21	6	98 758	19 618,837	257 494,748	13,125	12,654	71	56	71 478	302,753	2 341,376	7,734	7,263
22	7	98 694	18 153,890	237 875,911	13,103	12,632	72	57	69 368	272,049	2 038,623	7,494	7,023
23	8	98 631	16 798,296	219 722,021	13,080	12,609	73	58	67 072	243,560	1 766,574	7,253	6,782
24	9	98 570	15 544,446	202 923,725	13,054	12,583	74	59	64 626	217,294	1 523,014	7,009	6,538
25	10	98 507	14 383,800	187 379,280	13,027	12,556	75	60	61 995	193,009	1 305,720	6,765	6,294
26	11	98 441	13 309,368	172 995,479	12,998	12,527	76	61	59 207	170,675	1 112,711	6,519	6,048
27	12	98 373	12 314,984	159 686,112	12,967	12,496	77	62	56 271	150,195	942,036	6,272	5,801
28	13	98 303	11 394,673	147 371,127	12,933	12,462	78	63	53 139	131,329	791,841	6,029	5,558
29	14	98 232	10 543,047	135 976,455	12,897	12,426	79	64	49 848	114,069	660,513	5,790	5,319
30	15	98 157	9 754,593	125 433,407	12,859	12,388	80	65	46 491	98,507	546,443	5,547	5,076
31	16	98 079	9 024,807	115 678,814	12,818	12,347	81	66	42 998	84,358	447,936	5,310	4,839
32	17	97 990	8 348,766	106 654,007	12,775	12,304	82	67	39 452	71,668	363,578	5,073	4,602
33	18	97 900	7 723,212	98 305,241	12,729	12,257	83	68	35 877	60,346	291,910	4,837	4,366
34	19	97 807	7 144,368	90 582,029	12,679	12,208	84	69	32 318	50,333	231,564	4,601	4,130
35	20	97 707	6 608,389	83 437,661	12,626	12,155	85	70	28 758	41,471	181,231	4,370	3,899
36	21	97 602	6 112,293	76 829,272	12,570	12,099	86	71	25 210	33,661	139,760	4,152	3,681
37	22	97 492	5 653,146	70 716,979	12,509	12,038	87	72	21 748	26,888	106,100	3,946	3,475
38	23	97 373	5 228,023	65 063,833	12,445	11,974	88	73	18 374	21,033	79,212	3,766	3,295
39	24	97 246	4 834,450	59 835,810	12,377	11,906	89	74	15 332	16,251	58,178	3,580	3,109
40	25	97 110	4 470,072	55 001,360	12,304	11,833	90	75	12 565	12,331	41,927	3,400	2,929
41	26	96 956	4 132,391	50 531,289	12,228	11,757	91	76	10 198	9,268	29,596	3,193	2,722
42	27	96 786	3 819,584	46 398,897	12,148	11,677	92	77	8 010	6,739	20,328	3,016	2,545
43	28	96 605	3 530,037	42 579,314	12,062	11,591	93	78	6 088	4,743	13,589	2,865	2,394
44	29	96 394	3 261,420	39 049,277	11,973	11,502	94	79	4 507	3,251	8,846	2,721	2,249
45	30	96 163	3 012,571	35 787,857	11,880	11,408	95	80	3 241	2,165	5,594	2,584	2,113
46	31	95 904	2 781,930	32 775,286	11,781	11,310	96	81	2 256	1,396	3,430	2,457	1,986
47	32	95 609	2 567,928	29 993,357	11,680	11,209	97	82	1 519	0,870	2,034	2,339	1,868
48	33	95 280	2 369,535	27 425,428	11,574	11,103	98	83	986	0,523	1,164	2,228	1,757
49	34	94 910	2 185,475	25 055,893	11,465	10,994	99	84	615	0,302	0,642	2,124	1,653
							100	85	369	0,168	0,340	2,027	1,556

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	34	94 540	2 015,706	22 905,955	11,364	10,893
1							51	35	94 098	1 857,667	20 890,249	11,245	10,774
2							52	36	93 606	1 711,074	19 032,582	11,123	10,652
3							53	37	93 070	1 575,260	17 321,508	10,996	10,525
4							54	38	92 488	1 449,442	15 746,247	10,864	10,393
5							55	39	91 841	1 332,690	14 296,805	10,728	10,257
6							56	40	91 143	1 224,598	12 964,115	10,586	10,115
7							57	41	90 400	1 124,638	11 739,518	10,438	9,967
8							58	42	89 605	1 032,179	10 614,880	10,284	9,813
9							59	43	88 729	946,375	9 582,700	10,126	9,655
10							60	44	87 784	866,947	8 636,326	9,962	9,491
11							61	45	86 755	793,319	7 769,379	9,794	9,322
12							62	46	85 664	725,314	6 976,060	9,618	9,147
13							63	47	84 480	662,302	6 250,745	9,438	8,967
14							64	48	83 226	604,138	5 588,443	9,250	8,779
15							65	49	81 877	550,326	4 984,305	9,057	8,586
16	0	99 386	29 009,879	382 231,458	13,176	12,705	66	50	80 433	500,569	4 433,979	8,858	8,387
17	1	99 039	26 767,114	353 221,579	13,196	12,725	67	51	78 907	454,699	3 933,410	8,651	8,180
18	2	98 977	24 768,858	326 454,465	13,180	12,709	68	52	77 291	412,398	3 478,711	8,435	7,964
19	3	98 906	22 917,687	301 685,606	13,164	12,693	69	53	75 563	373,308	3 066,314	8,214	7,743
20	4	98 838	21 205,468	278 767,919	13,146	12,675	70	54	73 704	337,156	2 693,005	7,987	7,516
21	5	98 767	19 620,611	257 562,451	13,127	12,656	71	55	71 737	303,846	2 355,850	7,753	7,282
22	6	98 702	18 155,345	237 941,839	13,106	12,635	72	56	69 632	273,085	2 052,004	7,514	7,043
23	7	98 639	16 799,699	219 786,494	13,083	12,612	73	57	67 350	244,569	1 778,919	7,274	6,803
24	8	98 576	15 545,411	202 986,794	13,058	12,587	74	58	64 922	218,289	1 534,349	7,029	6,558
25	9	98 513	14 384,713	187 441,383	13,031	12,560	75	59	62 293	193,936	1 316,060	6,786	6,315
26	10	98 449	13 310,440	173 056,670	13,002	12,531	76	60	59 533	171,614	1 122,125	6,539	6,068
27	11	98 381	12 315,963	159 746,230	12,971	12,500	77	61	56 593	151,054	950,511	6,293	5,821
28	12	98 311	11 395,546	147 430,267	12,938	12,466	78	62	53 474	132,158	799,458	6,049	5,578
29	13	98 242	10 544,085	136 034,721	12,902	12,430	79	63	50 182	114,835	667,300	5,811	5,340
30	14	98 169	9 755,801	125 490,636	12,863	12,392	80	64	46 828	99,221	552,465	5,568	5,097
31	15	98 092	9 026,030	115 734,835	12,822	12,351	81	65	43 334	85,017	453,244	5,331	4,860
32	16	98 006	8 350,109	106 708,805	12,779	12,308	82	66	39 779	72,262	368,227	5,096	4,625
33	17	97 917	7 724,568	98 358,696	12,733	12,262	83	67	36 204	60,895	295,965	4,860	4,389
34	18	97 829	7 145,929	90 634,128	12,683	12,212	84	68	32 638	50,830	235,070	4,625	4,154
35	19	97 728	6 609,811	83 488,199	12,631	12,160	85	69	29 077	41,931	184,239	4,394	3,923
36	20	97 623	6 113,583	76 878,389	12,575	12,104	86	70	25 514	34,068	142,308	4,177	3,706
37	21	97 513	5 654,368	70 764,806	12,515	12,044	87	71	22 042	27,252	108,241	3,972	3,501
38	22	97 396	5 229,224	65 110,438	12,451	11,980	88	72	18 663	21,364	80,989	3,791	3,320
39	23	97 269	4 835,550	59 881,214	12,384	11,912	89	73	15 602	16,538	59,625	3,605	3,134
40	24	97 132	4 471,088	55 045,664	12,311	11,840	90	74	12 812	12,574	43,087	3,427	2,956
41	25	96 978	4 133,312	50 574,575	12,236	11,765	91	75	10 431	9,479	30,513	3,219	2,748
42	26	96 812	3 820,604	46 441,263	12,155	11,684	92	76	8 218	6,915	21,034	3,042	2,571
43	27	96 630	3 530,948	42 620,659	12,071	11,600	93	77	6 270	4,885	14,119	2,891	2,420
44	28	96 419	3 262,267	39 089,710	11,982	11,511	94	78	4 662	3,363	9,235	2,746	2,275
45	29	96 189	3 013,407	35 827,443	11,889	11,418	95	79	3 367	2,249	5,872	2,611	2,140
46	30	95 931	2 782,693	32 814,037	11,792	11,321	96	80	2 359	1,459	3,622	2,483	2,012
47	31	95 640	2 568,766	30 031,343	11,691	11,220	97	81	1 598	0,915	2,164	2,365	1,894
48	32	95 313	2 370,356	27 462,578	11,586	11,115	98	82	1 045	0,554	1,249	2,254	1,782
49	33	94 944	2 186,266	25 092,221	11,477	11,006	99	83	658	0,323	0,695	2,150	1,679
							100	84	398	0,181	0,372	2,053	1,582

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	33	94 574	2 016,435	22 938,326	11,376	10,905
1							51	34	94 136	1 858,421	20 921,891	11,258	10,787
2							52	35	93 646	1 711,804	19 063,470	11,136	10,665
3							53	36	93 114	1 575,995	17 351,666	11,010	10,539
4							54	37	92 536	1 450,206	15 775,671	10,878	10,407
5							55	38	91 895	1 333,476	14 325,465	10,743	10,272
6							56	39	91 207	1 225,459	12 991,989	10,602	10,131
7							57	40	90 464	1 125,440	11 766,530	10,455	9,984
8							58	41	89 680	1 033,038	10 641,089	10,301	9,830
9							59	42	88 813	947,271	9 608,052	10,143	9,672
10							60	43	87 877	867,863	8 660,781	9,979	9,508
11							61	44	86 854	794,217	7 792,918	9,812	9,341
12							62	45	85 780	726,297	6 998,701	9,636	9,165
13							63	46	84 611	663,331	6 272,404	9,456	8,985
14							64	47	83 370	605,189	5 609,073	9,268	8,797
15							65	48	82 029	551,347	5 003,884	9,076	8,605
16							66	49	80 601	501,619	4 452,537	8,876	8,405
17	0	99 357	26 853,034	353 385,021	13,160	12,689	67	50	79 092	455,764	3 950,918	8,669	8,198
18	1	99 005	24 775,903	326 531,987	13,179	12,708	68	51	77 484	413,427	3 495,155	8,454	7,983
19	2	98 922	22 921,383	301 756,084	13,165	12,694	69	52	75 772	374,345	3 081,727	8,232	7,761
20	3	98 852	21 208,509	278 834,702	13,147	12,676	70	53	73 929	338,184	2 707,382	8,006	7,535
21	4	98 779	19 622,963	257 626,192	13,129	12,658	71	54	71 966	304,817	2 369,198	7,773	7,301
22	5	98 711	18 156,988	238 003,229	13,108	12,637	72	55	69 883	274,071	2 064,381	7,532	7,061
23	6	98 647	16 801,047	219 846,241	13,085	12,614	73	56	67 606	245,501	1 790,310	7,292	6,821
24	7	98 584	15 546,710	203 045,195	13,060	12,589	74	57	65 191	219,193	1 544,810	7,048	6,577
25	8	98 519	14 385,607	187 498,485	13,034	12,563	75	58	62 578	194,824	1 325,616	6,804	6,333
26	9	98 455	13 311,285	173 112,878	13,005	12,534	76	59	59 819	172,438	1 130,792	6,558	6,087
27	10	98 389	12 316,955	159 801,593	12,974	12,503	77	60	56 904	151,884	958,355	6,310	5,839
28	11	98 318	11 396,451	147 484,638	12,941	12,470	78	61	53 780	132,913	806,471	6,068	5,597
29	12	98 250	10 544,893	136 088,186	12,906	12,435	79	62	50 499	115,560	673,557	5,829	5,358
30	13	98 179	9 756,760	125 543,293	12,867	12,396	80	63	47 142	99,887	557,997	5,586	5,115
31	14	98 104	9 027,148	115 786,533	12,826	12,355	81	64	43 648	85,633	458,110	5,350	4,879
32	15	98 019	8 351,241	106 759,385	12,784	12,313	82	65	40 090	72,826	372,477	5,115	4,644
33	16	97 933	7 725,810	98 408,144	12,738	12,267	83	66	36 504	61,400	299,651	4,880	4,409
34	17	97 846	7 147,183	90 682,334	12,688	12,217	84	67	32 935	51,293	238,251	4,645	4,174
35	18	97 750	6 611,255	83 535,151	12,635	12,164	85	68	29 365	42,346	186,958	4,415	3,944
36	19	97 644	6 114,898	76 923,896	12,580	12,109	86	69	25 797	34,445	144,613	4,198	3,727
37	20	97 534	5 655,561	70 808,998	12,520	12,049	87	70	22 309	27,581	110,167	3,994	3,523
38	21	97 417	5 230,355	65 153,437	12,457	11,986	88	71	18 915	21,653	82,586	3,814	3,343
39	22	97 291	4 836,661	59 923,082	12,389	11,918	89	72	15 848	16,798	60,933	3,627	3,156
40	23	97 154	4 472,105	55 086,420	12,318	11,847	90	73	13 038	12,796	44,135	3,449	2,978
41	24	97 000	4 134,252	50 614,315	12,243	11,772	91	74	10 636	9,666	31,339	3,242	2,771
42	25	96 834	3 821,456	46 480,063	12,163	11,692	92	75	8 405	7,072	21,673	3,065	2,594
43	26	96 656	3 531,892	42 658,607	12,078	11,607	93	76	6 433	5,012	14,601	2,913	2,442
44	27	96 444	3 263,109	39 126,715	11,991	11,520	94	77	4 801	3,464	9,590	2,769	2,298
45	28	96 214	3 014,189	35 863,606	11,898	11,427	95	78	3 483	2,327	6,126	2,633	2,162
46	29	95 957	2 783,465	32 849,416	11,802	11,331	96	79	2 451	1,516	3,799	2,507	2,036
47	30	95 667	2 569,471	30 065,951	11,701	11,230	97	80	1 670	0,957	2,284	2,388	1,917
48	31	95 344	2 371,129	27 496,480	11,596	11,125	98	81	1 099	0,583	1,327	2,277	1,806
49	32	94 977	2 187,024	25 125,350	11,488	11,017	99	82	698	0,343	0,744	2,173	1,702
							100	83	426	0,193	0,402	2,077	1,606



Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	32	94 607	2 017,134	22 967,843	11,386	10,915
1							51	33	94 170	1 859,094	20 950,709	11,269	10,798
2							52	34	93 684	1 712,499	19 091,615	11,148	10,677
3							53	35	93 153	1 576,667	17 379,116	11,023	10,552
4							54	36	92 580	1 450,883	15 802,449	10,892	10,421
5							55	37	91 943	1 334,179	14 351,566	10,757	10,286
6							56	38	91 261	1 226,182	13 017,388	10,616	10,145
7							57	39	90 528	1 126,232	11 791,205	10,470	9,999
8							58	40	89 744	1 033,775	10 664,973	10,317	9,845
9							59	41	88 887	948,059	9 631,198	10,159	9,688
10							60	42	87 960	868,685	8 683,140	9,996	9,525
11							61	43	86 945	795,056	7 814,455	9,829	9,358
12							62	44	85 877	727,119	7 019,399	9,654	9,183
13							63	45	84 726	664,229	6 292,280	9,473	9,002
14							64	46	83 500	606,129	5 628,050	9,285	8,814
15							65	47	82 172	552,306	5 021,922	9,093	8,622
16							66	48	80 751	502,550	4 469,616	8,894	8,423
17							67	49	79 258	456,719	3 967,066	8,686	8,215
18	0	99 323	24 855,431	326 682,098	13,143	12,672	68	50	77 666	414,396	3 510,347	8,471	8,000
19	1	98 950	22 927,902	301 826,667	13,164	12,693	69	51	75 962	375,280	3 095,951	8,250	7,779
20	2	98 868	21 211,929	278 898,765	13,148	12,677	70	52	74 135	339,123	2 720,671	8,023	7,552
21	3	98 793	19 625,777	257 686,836	13,130	12,659	71	53	72 185	305,746	2 381,548	7,789	7,318
22	4	98 723	18 159,164	238 061,059	13,110	12,639	72	54	70 107	274,947	2 075,801	7,550	7,079
23	5	98 656	16 802,567	219 901,895	13,087	12,616	73	55	67 850	246,387	1 800,855	7,309	6,838
24	6	98 592	15 547,957	203 099,328	13,063	12,592	74	56	65 439	220,028	1 554,468	7,065	6,594
25	7	98 528	14 386,809	187 551,372	13,036	12,565	75	57	62 838	195,631	1 334,440	6,821	6,350
26	8	98 461	13 312,112	173 164,563	13,008	12,537	76	58	60 093	173,227	1 138,809	6,574	6,103
27	9	98 395	12 317,737	159 852,451	12,977	12,506	77	59	57 177	152,613	965,581	6,327	5,856
28	10	98 326	11 397,369	147 534,714	12,945	12,474	78	60	54 076	133,644	812,968	6,083	5,612
29	11	98 257	10 545,731	136 137,345	12,909	12,438	79	61	50 788	116,221	679,324	5,845	5,374
30	12	98 186	9 757,508	125 591,614	12,871	12,400	80	62	47 440	100,518	563,103	5,602	5,131
31	13	98 114	9 028,036	115 834,106	12,830	12,359	81	63	43 941	86,208	462,585	5,366	4,895
32	14	98 031	8 352,275	106 806,070	12,788	12,317	82	64	40 380	73,354	376,377	5,131	4,660
33	15	97 946	7 726,858	98 453,795	12,742	12,271	83	65	36 789	61,879	303,023	4,897	4,426
34	16	97 862	7 148,333	90 726,937	12,692	12,221	84	66	33 208	51,718	241,144	4,663	4,192
35	17	97 767	6 612,416	83 578,605	12,640	12,169	85	67	29 632	42,731	189,426	4,433	3,962
36	18	97 665	6 116,234	76 966,189	12,584	12,113	86	68	26 053	34,786	146,695	4,217	3,746
37	19	97 555	5 656,778	70 849,955	12,525	12,054	87	69	22 556	27,887	111,909	4,013	3,542
38	20	97 437	5 231,459	65 193,177	12,462	11,991	88	70	19 144	21,915	84,022	3,834	3,363
39	21	97 312	4 837,707	59 961,719	12,395	11,924	89	71	16 062	17,025	62,107	3,648	3,177
40	22	97 177	4 473,133	55 124,012	12,323	11,852	90	72	13 243	12,997	45,082	3,469	2,998
41	23	97 022	4 135,193	50 650,878	12,249	11,778	91	73	10 824	9,836	32,085	3,262	2,791
42	24	96 856	3 822,325	46 515,686	12,169	11,698	92	74	8 571	7,212	22,249	3,085	2,614
43	25	96 678	3 532,679	42 693,361	12,085	11,614	93	75	6 579	5,126	15,037	2,934	2,463
44	26	96 470	3 263,981	39 160,681	11,998	11,527	94	76	4 926	3,554	9,911	2,789	2,318
45	27	96 239	3 014,968	35 896,700	11,906	11,435	95	77	3 587	2,396	6,358	2,654	2,183
46	28	95 982	2 784,189	32 881,732	11,810	11,339	96	78	2 535	1,568	3,962	2,527	2,056
47	29	95 693	2 570,184	30 097,544	11,710	11,239	97	79	1 735	0,994	2,394	2,409	1,938
48	30	95 371	2 371,780	27 527,360	11,606	11,135	98	80	1 149	0,609	1,400	2,297	1,826
49	31	95 008	2 187,737	25 155,580	11,498	11,027	99	81	734	0,360	0,791	2,194	1,723
							100	82	451	0,205	0,430	2,097	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	31	94 638	2 017,792	22 994,771	11,396	10,925
1							51	32	94 203	1 859,738	20 976,979	11,280	10,808
2							52	33	93 718	1 713,119	19 117,241	11,159	10,688
3							53	34	93 191	1 577,307	17 404,122	11,034	10,563
4							54	35	92 619	1 451,501	15 826,815	10,904	10,433
5							55	36	91 986	1 334,801	14 375,314	10,770	10,299
6							56	37	91 309	1 226,829	13 040,513	10,629	10,158
7							57	38	90 581	1 126,897	11 813,684	10,483	10,012
8							58	39	89 807	1 034,502	10 686,788	10,330	9,859
9							59	40	88 950	948,735	9 652,285	10,174	9,703
10							60	41	88 034	869,407	8 703,551	10,011	9,540
11							61	42	87 028	795,809	7 834,143	9,844	9,373
12							62	43	85 968	727,887	7 038,334	9,670	9,198
13							63	44	84 822	664,981	6 310,447	9,490	9,019
14							64	45	83 613	606,950	5 645,466	9,301	8,830
15							65	46	82 300	553,164	5 038,516	9,109	8,637
16							66	47	80 891	503,424	4 485,352	8,910	8,439
17							67	48	79 405	457,567	3 981,929	8,702	8,231
18							68	49	77 829	415,264	3 524,362	8,487	8,016
19	0	99 268	23 001,498	301 964,520	13,128	12,657	69	50	76 140	376,159	3 109,097	8,265	7,794
20	1	98 896	21 217,962	278 963,022	13,147	12,676	70	51	74 320	339,970	2 732,938	8,039	7,568
21	2	98 809	19 628,942	257 745,060	13,131	12,660	71	52	72 386	306,596	2 392,968	7,805	7,334
22	3	98 737	18 161,768	238 116,119	13,111	12,640	72	53	70 320	275,785	2 086,372	7,565	7,094
23	4	98 667	16 804,581	219 954,350	13,089	12,618	73	54	68 067	247,174	1 810,587	7,325	6,854
24	5	98 601	15 549,363	203 149,770	13,065	12,594	74	55	65 675	220,822	1 563,413	7,080	6,609
25	6	98 536	14 387,962	187 600,406	13,039	12,568	75	56	63 077	196,376	1 342,591	6,837	6,366
26	7	98 469	13 313,224	173 212,444	13,011	12,540	76	57	60 342	173,945	1 146,215	6,590	6,118
27	8	98 401	12 318,502	159 899,220	12,980	12,509	77	58	57 439	153,312	972,269	6,342	5,871
28	9	98 333	11 398,093	147 580,718	12,948	12,477	78	59	54 335	134,286	818,957	6,099	5,628
29	10	98 265	10 546,580	136 182,625	12,912	12,441	79	60	51 067	116,860	684,671	5,859	5,388
30	11	98 194	9 758,283	125 636,045	12,875	12,404	80	61	47 711	101,093	567,811	5,617	5,146
31	12	98 121	9 028,728	115 877,761	12,834	12,363	81	62	44 219	86,752	466,718	5,380	4,909
32	13	98 041	8 353,096	106 849,033	12,792	12,321	82	63	40 651	73,846	379,966	5,145	4,674
33	14	97 958	7 727,814	98 495,937	12,746	12,275	83	64	37 055	62,327	306,120	4,911	4,440
34	15	97 875	7 149,302	90 768,122	12,696	12,225	84	65	33 467	52,122	243,793	4,677	4,206
35	16	97 783	6 613,479	83 618,821	12,644	12,173	85	66	29 878	43,085	191,671	4,449	3,978
36	17	97 682	6 117,308	77 005,342	12,588	12,117	86	67	26 290	35,103	148,586	4,233	3,762
37	18	97 576	5 658,014	70 888,034	12,529	12,058	87	68	22 780	28,163	113,483	4,030	3,558
38	19	97 458	5 232,584	65 230,021	12,466	11,995	88	69	19 356	22,158	85,320	3,851	3,380
39	20	97 332	4 838,728	59 997,437	12,399	11,928	89	70	16 256	17,231	63,162	3,666	3,195
40	21	97 198	4 474,100	55 158,709	12,328	11,857	90	71	13 422	13,173	45,932	3,487	3,016
41	22	97 044	4 136,143	50 684,608	12,254	11,783	91	72	10 994	9,991	32,759	3,279	2,808
42	23	96 878	3 823,195	46 548,465	12,175	11,704	92	73	8 722	7,339	22,768	3,102	2,631
43	24	96 700	3 533,483	42 725,270	12,092	11,621	93	74	6 709	5,227	15,429	2,952	2,481
44	25	96 492	3 264,709	39 191,788	12,005	11,534	94	75	5 038	3,635	10,202	2,807	2,336
45	26	96 265	3 015,773	35 927,079	11,913	11,442	95	76	3 680	2,458	6,567	2,672	2,201
46	27	96 007	2 784,907	32 911,306	11,818	11,347	96	77	2 611	1,615	4,109	2,545	2,074
47	28	95 718	2 570,852	30 126,398	11,718	11,247	97	78	1 795	1,028	2,495	2,427	1,956
48	29	95 397	2 372,438	27 555,547	11,615	11,144	98	79	1 194	0,633	1,467	2,316	1,845
49	30	95 034	2 188,338	25 183,108	11,508	11,037	99	80	767	0,377	0,833	2,213	1,742
							100	81	475	0,216	0,457	2,116	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	30	94 664	2 018,346	23 019,286	11,405	10,934
1							51	31	94 233	1 860,344	21 000,941	11,289	10,818
2							52	32	93 750	1 713,712	19 140,596	11,169	10,698
3							53	33	93 225	1 577,878	17 426,884	11,045	10,573
4							54	34	92 657	1 452,090	15 849,006	10,915	10,444
5							55	35	92 026	1 335,370	14 396,916	10,781	10,310
6							56	36	91 352	1 227,401	13 061,545	10,642	10,171
7							57	37	90 629	1 127,490	11 834,145	10,496	10,025
8							58	38	89 860	1 035,113	10 706,654	10,343	9,872
9							59	39	89 013	949,402	9 671,542	10,187	9,716
10							60	40	88 096	870,027	8 722,139	10,025	9,554
11							61	41	87 100	796,471	7 852,112	9,859	9,388
12							62	42	86 049	728,576	7 055,641	9,684	9,213
13							63	43	84 911	665,684	6 327,064	9,505	9,034
14							64	44	83 707	607,637	5 661,380	9,317	8,846
15							65	45	82 411	553,913	5 053,744	9,124	8,653
16							66	46	81 017	504,206	4 499,831	8,925	8,454
17							67	47	79 543	458,362	3 995,625	8,717	8,246
18							68	48	77 973	416,035	3 537,263	8,502	8,031
19							69	49	76 299	376,948	3 121,227	8,280	7,809
20	0	99 213	21 286,069	279 089,620	13,111	12,640	70	50	74 494	340,766	2 744,280	8,053	7,582
21	1	98 837	19 634,525	257 803,551	13,130	12,659	71	51	72 567	307,362	2 403,514	7,820	7,349
22	2	98 753	18 164,697	238 169,026	13,112	12,641	72	52	70 516	276,551	2 096,152	7,580	7,109
23	3	98 682	16 806,990	220 004,330	13,090	12,619	73	53	68 275	247,928	1 819,601	7,339	6,868
24	4	98 613	15 551,227	203 197,339	13,066	12,595	74	54	65 885	221,528	1 571,673	7,095	6,624
25	5	98 545	14 389,264	187 646,112	13,041	12,570	75	55	63 305	197,085	1 350,144	6,851	6,380
26	6	98 477	13 314,292	173 256,848	13,013	12,542	76	56	60 571	174,607	1 153,059	6,604	6,133
27	7	98 409	12 319,531	159 942,556	12,983	12,512	77	57	57 677	153,948	978,452	6,356	5,885
28	8	98 339	11 398,801	147 623,025	12,951	12,480	78	58	54 584	134,901	824,504	6,112	5,641
29	9	98 272	10 547,250	136 224,224	12,916	12,445	79	59	51 312	117,421	689,603	5,873	5,402
30	10	98 202	9 759,069	125 676,974	12,878	12,407	80	60	47 973	101,648	572,182	5,629	5,158
31	11	98 129	9 029,445	115 917,905	12,838	12,367	81	61	44 471	87,248	470,534	5,393	4,922
32	12	98 049	8 353,737	106 888,459	12,795	12,324	82	62	40 908	74,312	383,286	5,158	4,687
33	13	97 968	7 728,575	98 534,723	12,749	12,278	83	63	37 304	62,746	308,973	4,924	4,453
34	14	97 887	7 150,187	90 806,148	12,700	12,229	84	64	33 709	52,500	246,227	4,690	4,219
35	15	97 796	6 614,375	83 655,961	12,648	12,177	85	65	30 111	43,421	193,728	4,462	3,991
36	16	97 698	6 118,291	77 041,586	12,592	12,121	86	66	26 508	35,394	150,307	4,247	3,776
37	17	97 593	5 659,007	70 923,294	12,533	12,062	87	67	22 987	28,419	114,913	4,043	3,572
38	18	97 480	5 233,727	65 264,287	12,470	11,999	88	68	19 548	22,377	86,494	3,865	3,394
39	19	97 353	4 839,769	60 030,560	12,404	11,933	89	69	16 436	17,422	64,117	3,680	3,209
40	20	97 218	4 475,044	55 190,791	12,333	11,862	90	70	13 585	13,332	46,695	3,502	3,031
41	21	97 065	4 137,037	50 715,747	12,259	11,788	91	71	11 143	10,126	33,362	3,295	2,824
42	22	96 900	3 824,073	46 578,710	12,180	11,709	92	72	8 859	7,454	23,236	3,117	2,646
43	23	96 722	3 534,286	42 754,636	12,097	11,626	93	73	6 827	5,319	15,782	2,967	2,496
44	24	96 514	3 265,451	39 220,350	12,011	11,540	94	74	5 138	3,706	10,463	2,823	2,352
45	25	96 286	3 016,446	35 954,898	11,920	11,449	95	75	3 764	2,514	6,757	2,688	2,216
46	26	96 033	2 785,652	32 938,453	11,824	11,353	96	76	2 679	1,657	4,243	2,561	2,090
47	27	95 743	2 571,515	30 152,801	11,726	11,255	97	77	1 849	1,059	2,586	2,443	1,972
48	28	95 422	2 373,055	27 581,286	11,623	11,152	98	78	1 235	0,655	1,528	2,332	1,861
49	29	95 060	2 188,945	25 208,231	11,516	11,045	99	79	797	0,391	0,873	2,230	1,759
							100	80	496	0,226	0,481	2,133	1,662

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	29	94 690	2 018,906	23 041,655	11,413	10,942
1							51	30	94 259	1 860,855	21 022,749	11,297	10,826
2							52	31	93 781	1 714,271	19 161,894	11,178	10,707
3							53	32	93 257	1 578,425	17 447,623	11,054	10,583
4							54	33	92 690	1 452,616	15 869,198	10,925	10,454
5							55	34	92 063	1 335,912	14 416,582	10,792	10,321
6							56	35	91 391	1 227,924	13 080,670	10,653	10,182
7							57	36	90 671	1 128,016	11 852,746	10,508	10,037
8							58	37	89 907	1 035,658	10 724,730	10,355	9,884
9							59	38	89 065	949,963	9 689,072	10,199	9,728
10							60	39	88 158	870,640	8 739,109	10,038	9,567
11							61	40	87 162	797,039	7 868,469	9,872	9,401
12							62	41	86 121	729,182	7 071,430	9,698	9,227
13							63	42	84 992	666,314	6 342,248	9,518	9,047
14							64	43	83 796	608,279	5 675,934	9,331	8,860
15							65	44	82 504	554,540	5 067,655	9,138	8,667
16							66	45	81 127	504,888	4 513,115	8,939	8,468
17							67	46	79 666	459,074	4 008,226	8,731	8,260
18							68	47	78 109	416,758	3 549,152	8,516	8,045
19							69	48	76 441	377,647	3 132,393	8,294	7,823
20							70	49	74 650	341,481	2 754,746	8,067	7,596
21	0	99 154	19 697,549	257 919,809	13,094	12,623	71	50	72 736	308,081	2 413,265	7,833	7,362
22	1	98 781	18 169,863	238 222,260	13,111	12,640	72	51	70 692	277,242	2 105,184	7,593	7,122
23	2	98 698	16 809,700	220 052,397	13,091	12,620	73	52	68 464	248,617	1 827,942	7,352	6,881
24	3	98 627	15 553,457	203 242,697	13,067	12,596	74	53	66 086	222,204	1 579,325	7,108	6,637
25	4	98 556	14 390,989	187 689,240	13,042	12,571	75	54	63 507	197,715	1 357,122	6,864	6,393
26	5	98 486	13 315,496	173 298,251	13,015	12,544	76	55	60 790	175,238	1 159,407	6,616	6,145
27	6	98 417	12 320,519	159 982,755	12,985	12,514	77	56	57 897	154,534	984,169	6,369	5,898
28	7	98 347	11 399,753	147 662,236	12,953	12,482	78	57	54 810	135,460	829,635	6,125	5,654
29	8	98 278	10 547,905	136 262,482	12,918	12,447	79	58	51 548	117,959	694,175	5,885	5,414
30	9	98 208	9 759,689	125 714,577	12,881	12,410	80	59	48 204	102,136	576,216	5,642	5,171
31	10	98 137	9 030,173	115 954,888	12,841	12,370	81	60	44 716	87,728	474,080	5,404	4,933
32	11	98 056	8 354,400	106 924,715	12,799	12,328	82	61	41 142	74,737	386,352	5,169	4,698
33	12	97 975	7 729,167	98 570,315	12,753	12,282	83	62	37 540	63,142	311,615	4,935	4,464
34	13	97 897	7 150,890	90 841,148	12,703	12,232	84	63	33 936	52,852	248,473	4,701	4,230
35	14	97 808	6 615,194	83 690,258	12,651	12,180	85	64	30 329	43,736	195,621	4,473	4,002
36	15	97 711	6 119,121	77 075,063	12,596	12,125	86	65	26 714	35,670	151,885	4,258	3,787
37	16	97 609	5 659,917	70 955,942	12,537	12,066	87	66	23 177	28,655	116,215	4,056	3,585
38	17	97 497	5 234,646	65 296,026	12,474	12,003	88	67	19 725	22,581	87,560	3,878	3,407
39	18	97 375	4 840,826	60 061,379	12,407	11,936	89	68	16 599	17,594	64,979	3,693	3,222
40	19	97 239	4 476,007	55 220,553	12,337	11,866	90	69	13 735	13,480	47,385	3,515	3,044
41	20	97 086	4 137,910	50 744,546	12,263	11,792	91	70	11 278	10,248	33,905	3,308	2,837
42	21	96 921	3 824,900	46 606,636	12,185	11,714	92	71	8 979	7,555	23,656	3,131	2,660
43	22	96 744	3 535,099	42 781,736	12,102	11,631	93	72	6 934	5,403	16,101	2,980	2,509
44	23	96 536	3 266,194	39 246,637	12,016	11,545	94	73	5 228	3,772	10,699	2,837	2,366
45	24	96 308	3 017,132	35 980,443	11,925	11,454	95	74	3 838	2,564	6,927	2,702	2,231
46	25	96 054	2 786,273	32 963,311	11,831	11,360	96	75	2 740	1,694	4,363	2,575	2,104
47	26	95 768	2 572,203	30 177,038	11,732	11,261	97	76	1 897	1,086	2,669	2,457	1,986
48	27	95 447	2 373,668	27 604,836	11,630	11,159	98	77	1 272	0,674	1,583	2,347	1,876
49	28	95 085	2 189,513	25 231,168	11,524	11,053	99	78	825	0,405	0,908	2,244	1,773
							100	79	516	0,234	0,504	2,148	1,677

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	28	94 715	2 019,430	23 062,073	11,420	10,949
1							51	29	94 285	1 861,371	21 042,643	11,305	10,834
2							52	30	93 807	1 714,742	19 181,272	11,186	10,715
3							53	31	93 288	1 578,940	17 466,530	11,062	10,591
4							54	32	92 722	1 453,119	15 887,591	10,933	10,462
5							55	33	92 096	1 336,396	14 434,472	10,801	10,330
6							56	34	91 428	1 228,423	13 098,076	10,663	10,191
7							57	35	90 710	1 128,497	11 869,653	10,518	10,047
8							58	36	89 949	1 036,141	10 741,156	10,366	9,895
9							59	37	89 112	950,463	9 705,015	10,211	9,740
10							60	38	88 210	871,153	8 754,551	10,049	9,578
11							61	39	87 224	797,600	7 883,398	9,884	9,413
12							62	40	86 182	729,703	7 085,798	9,711	9,239
13							63	41	85 062	666,868	6 356,095	9,531	9,060
14							64	42	83 875	608,855	5 689,227	9,344	8,873
15							65	43	82 592	555,126	5 080,372	9,152	8,681
16							66	44	81 218	505,460	4 525,246	8,953	8,482
17							67	45	79 774	459,696	4 019,786	8,744	8,273
18							68	46	78 230	417,406	3 560,090	8,529	8,058
19							69	47	76 574	378,304	3 142,684	8,307	7,836
20							70	48	74 788	342,115	2 764,380	8,080	7,609
21							71	49	72 889	308,727	2 422,266	7,846	7,375
22	0	99 098	18 228,186	238 329,026	13,075	12,604	72	50	70 857	277,891	2 113,539	7,606	7,135
23	1	98 726	16 814,481	220 100,839	13,090	12,619	73	51	68 635	249,238	1 835,647	7,365	6,894
24	2	98 643	15 555,965	203 286,358	13,068	12,597	74	52	66 270	222,821	1 586,410	7,120	6,649
25	3	98 570	14 393,052	187 730,393	13,043	12,572	75	53	63 701	198,318	1 363,589	6,876	6,405
26	4	98 498	13 317,092	173 337,341	13,016	12,545	76	54	60 984	175,798	1 165,271	6,628	6,157
27	5	98 426	12 321,634	160 020,248	12,987	12,516	77	55	58 106	155,092	989,473	6,380	5,909
28	6	98 355	11 400,668	147 698,615	12,955	12,484	78	56	55 019	135,976	834,382	6,136	5,665
29	7	98 286	10 548,786	136 297,947	12,921	12,450	79	57	51 761	118,448	698,406	5,896	5,425
30	8	98 215	9 760,295	125 749,161	12,884	12,413	80	58	48 425	102,604	579,958	5,652	5,181
31	9	98 143	9 030,746	115 988,866	12,844	12,373	81	59	44 931	88,149	477,354	5,415	4,944
32	10	98 064	8 355,073	106 958,120	12,802	12,331	82	60	41 368	75,148	389,205	5,179	4,708
33	11	97 983	7 729,781	98 603,046	12,756	12,285	83	61	37 754	63,503	314,057	4,946	4,474
34	12	97 904	7 151,439	90 873,265	12,707	12,236	84	62	34 150	53,186	250,553	4,711	4,240
35	13	97 818	6 615,845	83 721,827	12,655	12,184	85	63	30 533	44,030	197,368	4,483	4,012
36	14	97 723	6 119,878	77 105,982	12,599	12,128	86	64	26 908	35,928	153,338	4,268	3,797
37	15	97 622	5 660,684	70 986,103	12,540	12,069	87	65	23 358	28,878	117,410	4,066	3,595
38	16	97 512	5 235,488	65 325,419	12,477	12,006	88	66	19 889	22,768	88,531	3,888	3,417
39	17	97 392	4 841,676	60 089,931	12,411	11,940	89	67	16 750	17,754	65,763	3,704	3,233
40	18	97 260	4 476,985	55 248,255	12,341	11,869	90	68	13 871	13,614	48,009	3,527	3,056
41	19	97 107	4 138,800	50 771,270	12,267	11,796	91	69	11 403	10,362	34,396	3,319	2,848
42	20	96 941	3 825,707	46 632,469	12,189	11,718	92	70	9 087	7,646	24,034	3,143	2,672
43	21	96 765	3 535,863	42 806,762	12,106	11,635	93	71	7 028	5,476	16,387	2,993	2,522
44	22	96 558	3 266,945	39 270,899	12,021	11,550	94	72	5 310	3,831	10,911	2,848	2,377
45	23	96 330	3 017,818	36 003,954	11,930	11,459	95	73	3 906	2,609	7,081	2,714	2,243
46	24	96 076	2 786,906	32 986,136	11,836	11,365	96	74	2 794	1,728	4,472	2,588	2,117
47	25	95 790	2 572,776	30 199,230	11,738	11,267	97	75	1 940	1,111	2,744	2,470	1,999
48	26	95 472	2 374,302	27 626,454	11,636	11,165	98	76	1 305	0,692	1,633	2,360	1,889
49	27	95 109	2 190,079	25 252,152	11,530	11,059	99	77	849	0,417	0,941	2,257	1,786
							100	78	533	0,243	0,524	2,161	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	27	94 739	2 019,952	23 080,750	11,426	10,955
1							51	28	94 310	1 861,855	21 060,798	11,312	10,841
2							52	29	93 833	1 715,217	19 198,944	11,193	10,722
3							53	30	93 313	1 579,373	17 483,726	11,070	10,599
4							54	31	92 753	1 453,593	15 904,353	10,941	10,470
5							55	32	92 128	1 336,859	14 450,760	10,809	10,338
6							56	33	91 461	1 228,867	13 113,901	10,672	10,200
7							57	34	90 747	1 128,956	11 885,034	10,527	10,056
8							58	35	89 987	1 036,583	10 756,078	10,376	9,905
9							59	36	89 154	950,907	9 719,495	10,221	9,750
10							60	37	88 257	871,612	8 768,589	10,060	9,589
11							61	38	87 275	798,071	7 896,977	9,895	9,424
12							62	39	86 243	730,216	7 098,906	9,722	9,251
13							63	40	85 123	667,344	6 368,690	9,543	9,072
14							64	41	83 945	609,361	5 701,346	9,356	8,885
15							65	42	82 670	555,652	5 091,985	9,164	8,693
16							66	43	81 304	505,994	4 536,333	8,965	8,494
17							67	44	79 865	460,217	4 030,339	8,757	8,286
18							68	45	78 336	417,971	3 570,122	8,542	8,071
19							69	46	76 693	378,891	3 152,151	8,319	7,848
20							70	47	74 918	342,709	2 773,260	8,092	7,621
21							71	48	73 024	309,300	2 430,550	7,858	7,387
22							72	49	71 006	278,474	2 121,250	7,617	7,146
23	0	99 043	16 868,454	220 198,886	13,054	12,583	73	50	68 796	249,821	1 842,776	7,376	6,905
24	1	98 671	15 560,389	203 330,433	13,067	12,596	74	51	66 435	223,377	1 592,955	7,131	6,660
25	2	98 586	14 395,373	187 770,043	13,044	12,573	75	52	63 878	198,869	1 369,577	6,887	6,416
26	3	98 512	13 319,002	173 374,670	13,017	12,546	76	53	61 170	176,334	1 170,709	6,639	6,168
27	4	98 438	12 323,110	160 055,668	12,988	12,517	77	54	58 291	155,587	994,375	6,391	5,920
28	5	98 364	11 401,699	147 732,557	12,957	12,486	78	55	55 218	136,467	838,787	6,146	5,675
29	6	98 294	10 549,632	136 330,858	12,923	12,452	79	56	51 958	118,899	702,321	5,907	5,436
30	7	98 223	9 761,111	125 781,226	12,886	12,415	80	57	48 625	103,029	583,422	5,663	5,192
31	8	98 149	9 031,307	116 020,116	12,846	12,375	81	58	45 136	88,553	480,393	5,425	4,954
32	9	98 070	8 355,604	106 988,809	12,804	12,333	82	59	41 567	75,509	391,840	5,189	4,718
33	10	97 991	7 730,404	98 633,205	12,759	12,288	83	60	37 962	63,852	316,331	4,954	4,483
34	11	97 912	7 152,007	90 902,801	12,710	12,239	84	61	34 345	53,490	252,479	4,720	4,249
35	12	97 825	6 616,352	83 750,794	12,658	12,187	85	62	30 725	44,308	198,989	4,491	4,020
36	13	97 733	6 120,481	77 134,442	12,603	12,132	86	63	27 089	36,170	154,681	4,277	3,806
37	14	97 634	5 661,385	71 013,962	12,544	12,073	87	64	23 528	29,088	118,511	4,074	3,603
38	15	97 526	5 236,198	65 352,576	12,481	12,010	88	65	20 044	22,945	89,424	3,897	3,426
39	16	97 407	4 842,455	60 116,379	12,414	11,943	89	66	16 889	17,901	66,478	3,714	3,243
40	17	97 277	4 477,771	55 273,924	12,344	11,873	90	67	13 997	13,738	48,577	3,536	3,065
41	18	97 128	4 139,705	50 796,153	12,270	11,799	91	68	11 515	10,465	34,839	3,329	2,858
42	19	96 962	3 826,530	46 656,448	12,193	11,722	92	69	9 188	7,731	24,375	3,153	2,682
43	20	96 785	3 536,609	42 829,918	12,110	11,639	93	70	7 113	5,542	16,644	3,003	2,532
44	21	96 579	3 267,651	39 293,309	12,025	11,554	94	71	5 382	3,883	11,102	2,859	2,388
45	22	96 352	3 018,512	36 025,658	11,935	11,464	95	72	3 967	2,650	7,219	2,724	2,253
46	23	96 098	2 787,540	33 007,146	11,841	11,370	96	73	2 843	1,758	4,569	2,599	2,128
47	24	95 811	2 573,361	30 219,606	11,743	11,272	97	74	1 978	1,133	2,811	2,481	2,010
48	25	95 493	2 374,831	27 646,245	11,641	11,170	98	75	1 335	0,708	1,678	2,371	1,900
49	26	95 135	2 190,664	25 271,414	11,536	11,065	99	76	871	0,428	0,970	2,268	1,797
							100	77	549	0,250	0,542	2,172	1,701

**Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009**

**Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre**

**Zinsfuß 8,00%**

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0							50	26	94 764	2 020,491	23 097,893	11,432	10,961
1							51	27	94 334	1 862,336	21 077,401	11,318	10,847
2							52	28	93 857	1 715,663	19 215,066	11,200	10,729
3							53	29	93 339	1 579,811	17 499,403	11,077	10,606
4							54	30	92 778	1 453,992	15 919,592	10,949	10,478
5							55	31	92 158	1 337,295	14 465,599	10,817	10,346
6							56	32	91 493	1 229,293	13 128,305	10,680	10,209
7							57	33	90 780	1 129,364	11 899,012	10,536	10,065
8							58	34	90 024	1 037,004	10 769,647	10,385	9,914
9							59	35	89 192	951,312	9 732,644	10,231	9,760
10							60	36	88 298	872,019	8 781,332	10,070	9,599
11							61	37	87 321	798,491	7 909,313	9,905	9,434
12							62	38	86 294	730,647	7 110,822	9,732	9,261
13							63	39	85 183	667,814	6 380,175	9,554	9,083
14							64	40	84 005	609,796	5 712,361	9,368	8,897
15							65	41	82 739	556,114	5 102,565	9,175	8,704
16							66	42	81 381	506,473	4 546,451	8,977	8,506
17							67	43	79 949	460,703	4 039,978	8,769	8,298
18							68	44	78 425	418,444	3 579,275	8,554	8,083
19							69	45	76 797	379,405	3 160,831	8,331	7,860
20							70	46	75 035	343,242	2 781,426	8,103	7,632
21							71	47	73 151	309,838	2 438,185	7,869	7,398
22							72	48	71 138	278,991	2 128,347	7,629	7,158
23							73	49	68 940	250,345	1 849,356	7,387	6,916
24	0	98 988	15 610,337	203 420,472	13,031	12,560	74	50	66 591	223,900	1 599,011	7,142	6,671
25	1	98 614	14 399,467	187 810,136	13,043	12,572	75	51	64 037	199,365	1 375,110	6,897	6,426
26	2	98 528	13 321,150	173 410,668	13,018	12,547	76	52	61 340	176,824	1 175,745	6,649	6,178
27	3	98 452	12 324,878	160 089,519	12,989	12,518	77	53	58 469	156,062	998,921	6,401	5,930
28	4	98 375	11 403,066	147 764,641	12,958	12,487	78	54	55 394	136,903	842,860	6,157	5,686
29	5	98 303	10 550,586	136 361,576	12,925	12,454	79	55	52 146	119,328	705,957	5,916	5,445
30	6	98 231	9 761,893	125 810,989	12,888	12,417	80	56	48 810	103,422	586,629	5,672	5,201
31	7	98 157	9 032,062	116 049,096	12,849	12,378	81	57	45 323	88,920	483,207	5,434	4,963
32	8	98 077	8 356,123	107 017,034	12,807	12,336	82	58	41 757	75,855	394,287	5,198	4,727
33	9	97 997	7 730,894	98 660,911	12,762	12,291	83	59	38 144	64,159	318,432	4,963	4,492
34	10	97 920	7 152,583	90 930,017	12,713	12,242	84	60	34 534	53,784	254,274	4,728	4,257
35	11	97 833	6 616,878	83 777,434	12,661	12,190	85	61	30 901	44,561	200,490	4,499	4,028
36	12	97 740	6 120,950	77 160,556	12,606	12,135	86	62	27 260	36,398	155,929	4,284	3,813
37	13	97 644	5 661,942	71 039,606	12,547	12,076	87	63	23 685	29,283	119,531	4,082	3,611
38	14	97 538	5 236,846	65 377,664	12,484	12,013	88	64	20 189	23,112	90,248	3,905	3,434
39	15	97 421	4 843,111	60 140,818	12,418	11,947	89	65	17 021	18,041	67,136	3,721	3,250
40	16	97 293	4 478,491	55 297,707	12,347	11,876	90	66	14 113	13,851	49,095	3,544	3,073
41	17	97 145	4 140,432	50 819,216	12,274	11,803	91	67	11 620	10,560	35,243	3,338	2,866
42	18	96 983	3 827,366	46 678,785	12,196	11,725	92	68	9 279	7,808	24,684	3,161	2,690
43	19	96 806	3 537,370	42 851,418	12,114	11,643	93	69	7 192	5,603	16,876	3,012	2,541
44	20	96 599	3 268,341	39 314,048	12,029	11,558	94	70	5 447	3,930	11,273	2,869	2,398
45	21	96 373	3 019,164	36 045,708	11,939	11,468	95	71	4 021	2,686	7,343	2,734	2,263
46	22	96 120	2 788,181	33 026,543	11,845	11,374	96	72	2 888	1,786	4,657	2,608	2,137
47	23	95 833	2 573,946	30 238,363	11,748	11,277	97	73	2 013	1,153	2,871	2,491	2,020
48	24	95 515	2 375,371	27 664,416	11,646	11,175	98	74	1 361	0,722	1,718	2,381	1,910
49	25	95 156	2 191,152	25 289,045	11,541	11,070	99	75	891	0,438	0,997	2,278	1,807
							100	76	564	0,256	0,559	2,183	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2007/2009

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 8,00%

Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	$D_{xy}$	$N_{xy}$	$\ddot{a}_{xy}$	${}^{(12)}\ddot{a}_{xy}$
0							50	25	94 785	2 020,942	23 113,582	11,437	10,966
1							51	26	94 359	1 862,833	21 092,640	11,323	10,852
2							52	27	93 881	1 716,106	19 229,807	11,205	10,734
3							53	28	93 363	1 580,222	17 513,701	11,083	10,612
4							54	29	92 804	1 454,396	15 933,479	10,955	10,484
5							55	30	92 183	1 337,662	14 479,084	10,824	10,353
6							56	31	91 522	1 229,694	13 141,422	10,687	10,216
7							57	32	90 811	1 129,755	11 911,728	10,544	10,073
8							58	33	90 057	1 037,379	10 781,972	10,393	9,922
9							59	34	89 228	951,698	9 744,593	10,239	9,768
10							60	35	88 336	872,391	8 792,895	10,079	9,608
11							61	36	87 362	798,864	7 920,504	9,915	9,444
12							62	37	86 339	731,032	7 121,641	9,742	9,271
13							63	38	85 233	668,208	6 390,609	9,564	9,093
14							64	39	84 064	610,225	5 722,401	9,378	8,906
15							65	40	82 798	556,510	5 112,176	9,186	8,715
16							66	41	81 449	506,894	4 555,666	8,987	8,516
17							67	42	80 025	461,139	4 048,771	8,780	8,309
18							68	43	78 508	418,886	3 587,632	8,565	8,094
19							69	44	76 884	379,834	3 168,746	8,342	7,871
20							70	45	75 136	343,706	2 788,912	8,114	7,643
21							71	46	73 265	310,319	2 445,205	7,880	7,409
22							72	47	71 261	279,476	2 134,886	7,639	7,168
23							73	48	69 068	250,810	1 855,410	7,398	6,927
24							74	49	66 730	224,370	1 604,600	7,152	6,681
25	0	98 931	14 445,688	187 892,821	13,007	12,536	75	50	64 187	199,832	1 380,230	6,907	6,436
26	1	98 556	13 324,938	173 447,133	13,017	12,546	76	51	61 494	177,265	1 180,398	6,659	6,188
27	2	98 468	12 326,865	160 122,194	12,990	12,519	77	52	58 631	156,495	1 003,133	6,410	5,939
28	3	98 390	11 404,701	147 795,329	12,959	12,488	78	53	55 563	137,320	846,637	6,165	5,694
29	4	98 314	10 551,851	136 390,628	12,926	12,455	79	54	52 312	119,709	709,317	5,925	5,454
30	5	98 239	9 762,777	125 838,777	12,890	12,419	80	55	48 987	103,795	589,608	5,680	5,209
31	6	98 165	9 032,786	116 076,001	12,851	12,379	81	56	45 496	89,258	485,813	5,443	4,972
32	7	98 085	8 356,821	107 043,215	12,809	12,338	82	57	41 930	76,169	396,555	5,206	4,735
33	8	98 003	7 731,375	98 686,394	12,764	12,293	83	58	38 319	64,453	320,385	4,971	4,500
34	9	97 926	7 153,037	90 955,019	12,716	12,245	84	59	34 700	54,042	255,933	4,736	4,265
35	10	97 841	6 617,411	83 801,982	12,664	12,193	85	60	31 071	44,806	201,890	4,506	4,035
36	11	97 748	6 121,436	77 184,571	12,609	12,138	86	61	27 416	36,606	157,084	4,291	3,820
37	12	97 651	5 662,376	71 063,135	12,550	12,079	87	62	23 835	29,468	120,478	4,088	3,617
38	13	97 547	5 237,361	65 400,759	12,487	12,016	88	63	20 325	23,267	91,010	3,912	3,441
39	14	97 433	4 843,711	60 163,398	12,421	11,950	89	64	17 144	18,172	67,743	3,728	3,257
40	15	97 306	4 479,098	55 319,687	12,351	11,880	90	65	14 224	13,959	49,572	3,551	3,080
41	16	97 160	4 141,097	50 840,589	12,277	11,806	91	66	11 717	10,647	35,612	3,345	2,874
42	17	97 001	3 828,038	46 699,492	12,199	11,728	92	67	9 364	7,879	24,965	3,169	2,698
43	18	96 827	3 538,143	42 871,454	12,117	11,646	93	68	7 263	5,659	17,086	3,019	2,548
44	19	96 620	3 269,044	39 333,311	12,032	11,561	94	69	5 508	3,973	11,427	2,876	2,405
45	20	96 393	3 019,801	36 064,267	11,943	11,472	95	70	4 070	2,718	7,454	2,742	2,271
46	21	96 141	2 788,784	33 044,466	11,849	11,378	96	71	2 927	1,810	4,736	2,616	2,145
47	22	95 855	2 574,538	30 255,682	11,752	11,281	97	72	2 045	1,171	2,926	2,499	2,028
48	23	95 537	2 375,912	27 681,144	11,651	11,180	98	73	1 385	0,734	1,755	2,389	1,918
49	24	95 178	2 191,651	25 305,232	11,546	11,075	99	74	909	0,446	1,020	2,287	1,816
							100	75	576	0,262	0,574	2,191	1,720